

City of Lincoln Park, Michigan
Department of Public Services Review Committee

Final Report of Findings

December 2, 2014

Committee Members:

Councilperson Larry Kelsey – Committee Chair
Councilperson Deborah Henderson – Committee Co-Chair
Kathy Miller – Committeeperson
Edward Selan – Committeeperson
Lita Toney – Committeeperson
Tim Wrona – Committeeperson

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BACKGROUND

A resolution (2014-185) was passed on May 5, 2014 to form a committee to review and make recommendations in order to enhance DPS department functionality.

PURPOSE

The purpose of the departmental performance review is to examine the quality and productivity of DPS. The primary goal of this committee is to determine what major aspects or functions of the department should be enhanced, reduced, maintained, eliminated, outsourced, reorganized and/or further studied. To accomplish this goal;

- The Committee will meet a minimum of 3 times within a 90 day period.
- In that time frame the DPS department director will be interviewed by a City Council member appointed by the committee.
- Data from the City Council, citizens and department employees will be compiled in an unbiased fashion.

A fundamental benefit of the review process is the opportunity to conduct a comprehensive examination of DPS and encourage improved management practices and decision making processes.

PROCESS

The committee will be comprised of 2 appointed City Council members and five citizens (the selection process is currently underway).

Beginning 2014, the committee begins the review process and will be completed in 90 days.

The DPS department head will be interviewed and asked to complete a questionnaire which must be returned to the committee within 5 business days.

Residents will be notified to attend meetings to provide documentation of any and all communication with DPS. (Documents can be forwarded to the committee via email)

Findings and recommendations will be presented to the Mayor and City Council.

REVIEW COMMITTEE PRELIMINARY SCHEDULE

<u>Meeting</u>	<u>Date</u>	<u>Agenda</u>
1		Kick off committee and review scope of work Create questionnaire for DPS department head Opportunity for Citizen Communication Findings and recommendations
2		Review documentation / questionnaire results Citizen communication Identify what's working and what's not Findings and recommendations
3		Prepare findings and recommendations to be presented to City Council

OVERVIEW OF REVIEW COMMITTEE

The departmental review will consist of:

How phone calls are processed?

How the work is processed in the Department.

What happens to complaints? Does the customer get feedback on their complaint?

Are there enough people or is the work contracted out?

What is the commitment of the management Team to ensure a satisfied resident?

Committee Assignments by Member

Lita Toney- Retention Basin

- Retention Basin Schedule of Maintenance (Recommended vs Current)
- Pump Stations
- County Interceptor

Edward Selan- Organizational Chart

- Equipment
- Assignments of Current Staff vs. Previous Staff
- Documentation of Work

Tim Wrona- Motor Pool and Contracted Maintenance Jobs for Road Repair

- Use of City Owned Equipment
- Priority of City Vehicle Repair
- Road Repair and Signs

Kathy Miller- Maintenance of Our Parks

- Schedule of Maintenance
- Documentation of Work Orders

Larry Kelsey- DPS Staff

- Interview Staff Past and Present
- Inventory
- Purchased Equipment/ Documentation of Use

Deborah Henderson- Resident Services

- What System are in Place
- Time Frame/ Communication/ Completion of Service
- Services performed by DPS or Contractor
- List of DPS/ City Services Required by Department

**City of Lincoln Park, Michigan
DPS Review Committee
Report on Schedule of Maintenance (Recommended vs. Current) on
Retention Basin, 2 Pump Houses, 7 Lift Stations – Wayne County
Interceptor**

Prepared By: Lita Toney
October 28, 2014

Source of Information

Robert Bartock, Director of Department of Public Service (DPS)
Robert Abbott, Sewer Leader, DPS

Facilities

- 1 Retention Basin
- 7 Pump Lift Stations ~ Montie, Outer Drive, Riopelle, Bailey, Mark, Applewood, River Drive
- 2 Pump Houses ~ Emmons, Lincoln

- Each of the above facilities handle strictly sanitary water.
- Each of the facilities are on what is called a Telemetry System where trouble is signaled and monitored wireless through the computer system and then through the cell phone number to who is on-call. The person would then be dispatched to see what the problem is and turn off the alarm. Another method for a report of an alarm would be through a resident call to the phone number posted on the lift station – this call is then routed to the person who is on-call. Note: Possible an alarm would go off as an example is a situation of a high water alarm triggered by a float that lifts up to a certain level and reaches a point to trip the alarm.

RETENTION BASIN: Located Across Council Point Park & Creek.

- Has been rebuilt within the past 5 years. It has 6 pumps, wet well 1, 2, and 3 and discharges South to the County Waste Water Treatment Facility. Holds a capacity of 25 Million Gallons of waste water which must be treated with chlorine as part of its recommended daily monitoring by DPS personnel. Current function is done by Robert Abbott, Sewer Leader, and the only person in the Sewer Division under the DPS Department.
- The DPS department does keep some parts on hand for repairs. In some cases they may not have parts and have to order them along with supplies of chlorine needed on an on-going basis. In some instances, when a repair cannot be done in-house, the use of a contractor is necessary. There are two different contractors the city has used in the past.
- Deferral regarding the County Interceptor's to the Engineer and/or Wayne County regarding inspection, maintenance or televising schedule. The city does not have anything to do with the Interceptor's.
- The County does come out to the Retention Basin once a month where Robert Abbott makes himself available for this to occur.

SUMMARY/CONCLUSION/COMMENTS – (RE: Schedule of Maintenance for Retention Basin, 2 Pump Houses, and 7 Lift Stations):

- Observed from drive-by of each site as a suggestion to verify signage posted for consistency of telephone number to call – are all numbers in working order?
- To ensure proper staffing to maintain and monitor each site the city should consider the decline in staffing and impact of functions requiring on-going maintenance and monitoring.
- Perhaps a time study can be done to determine number of labor hours necessary for adequate daily coverage and arrive at a number of full time equivalent of DPS personnel to keep this function in-house. Currently personnel having a difficult time to conduct daily monitoring/maintenance of these sites. Review and consideration with unforeseen emergency events, and time of the year/season where impacts ability to perform as planned with the decrease in manpower.
- Obtain employee input on the time constraints affecting a satisfactory outcome. So to have a proactive approach moving forward to achieve goals, maintain resident confidence, improve image, avoid ramifications for equipment failure, boost employee morale.

Summary of Tour by Department of Public Services (DPS) – October 17, 2014
Retention Basin, Pump Houses and Pump Lift Stations
Lincoln Park, Michigan

Tour for purpose of DPS Review Committee on resolution (2014-185)

Present were: Larry Kelsey, Councilperson, Tim Wrona, Edward Selan, Kathy Miller and Lita Toney – Residents

Tour given by Robert Abbott – DPS Sewer Leader

The Committee was greeted by John Kozah, DPS Supervisor, and introduced to Robert Abbott who conducted the tour in city van. Tour began promptly at 9:00 a.m. and concluded approximately at 2:30 p.m.

The first stop was to the Retention Basin site. A brief stop with the intention after traveling throughout the city of the locations where the pump houses and pump lift stations are situated to go back to the Retention Basin. This would allow an in depth tour and explanation of what was entailed with on-going tasks involved in maintaining the operation of the Retention Basin, as well as, to get a visual look throughout the building and questions/answer session.

History/Impression: Robert has been handling the tasks (2 yrs. as Lead person and total of 7 yrs. with DPS) of maintaining, monitoring, repairing the facilities (**see addendum #1 map DPS Facilities**) which includes the Retention Basin, 2 pump houses and 7 lift stations situated throughout the city. Robert has a part time DPS employee to assist him, when it is possible, while performing this function.

After being approached by the Director to take on this job, Robert took on handling the city's sanitary sewer Basin and all pump sites. He stated it is very difficult to get personnel who want to work in a sanitary waste environment. Robert has been given on-the-job training from Tim Mcguire, who will be retiring shortly. Robert stated Tim has excellent working knowledge of what it takes to keep all the sites operating, how to troubleshoot problems, etc. Robert has relied on Tim for issues in the past he could not resolve. Robert stated Tim's knowledge is something kept in his head, and knows stuff inside and out. Robert has learned the ropes and feels confident to do the job. He has concerns on timeliness to get around to all sites for the proper monitoring which should be done every day. Robert's schedule is to visit each site daily and admits sometimes this is not possible due to manpower levels. He indicated it is important to attend to these sites everyday so the city will be proactive in the monitoring and stay ahead of the game. For now Robert is the only person in the sewer department. Robert indicated it would help, if he had continued assistance of at least a part time person. A full time person would help in the sense that going out to each of the sites for safety and allowing another person to see what is involved in the monitoring, maintenance, and repairs would benefit the city. Time spent especially at the retention basin can be consuming considering all what needs to be done with testing, cleaning pump pits, checking waste levels and chemicals required, electrical panels and alarms, clean-up and ordering parts, chemicals or tools.

History/Impression: (continued)

Many times Robert is handling other work involving the city's sewer system. In addition to the tasks for the Basin and pump stations, Robert is knowledgeable with running the Vactor Truck, clearing sewer lines, customer service to residents and other jobs as necessary and required due to staff restrictions. Some functions have changed due to contractors coming in to handling jobs once performed by DPS staff. On his days off, Robert stated he routinely goes around to each location and does weed control, and grass control within the parameters of the fencing of the pump sites.

Robert is the first point of contact when alarms are triggered through the notification system – this can be a thing such as a high water alarm. Next is the Director and then the Supervisor. Alarm notification will continue until someone arrives at the site to turn it off. It is very important to keep the pumps free and clear from things that jam them. Robert developed a way to put a screen inside the pump well to catch the things that can clog them. He has seen an influx of corn husks getting to the pumps. Robert got advice from a surrounding city on what they do for prevention. Disposable diapers, wipes, dryer sheets and the like are not a friend to the pumps. When asked who handles the coverage when he is on vacation, Robert only could say "what vacation." He went on to say his phone alarm signaled in the past when he was out of state and in the process of his wedding vows. He is expected to be available at any time, weekends and holidays.

This is a brief history and impression of Robert's job duties, and experience and not to be construed as all inclusive.

Pump Lift Station - ◇1 Montie

Robert gave an overview of the operation of this lift station. This station is where Robert mentioned the influx of corn husks getting in the pump. Robert showed us the inside of the panel box and explained what the different switches were for and what it meant when a light bulb was lit. This panel has a switch to conduct a test to ensure the pump was operating correctly. Inside the door of the panel Robert has a note pad for comments or log something done to the pump. The visual surrounding of the appearance very clean and well kept with grass and weeds.

Pump Lift Station - ◇2 Outer Drive

Situated north of the creek and off to the side from commercial buildings. This site required for the development of businesses and a few houses part of the city. A newer panel for lift of water over the creek. Clean and in a conspicuous out of the way space.

Pump Lift Station - ♦3 Riopelle

A lift station in a residential block and in a conspicuous space. Appeared to be clean and free from any overgrowth.

Comment: As we were traveling to this site, the question was posed as to how it is handled with the 3 or so houses west of Frank/Riopelle of addresses at the city boundary. The remaining houses on these streets are Allen Park. In the past confusion has arose between the cities of which DPS department addresses issues. The question was asked and suggested perhaps the city Assessor would know how the cost is factored with the sewage line/disposal.

Pump Lift Station - ♦4 Bailey

A lift station situated in the median. Well maintained and kept up.

Pump Lift Station - ♦5 Mark

Near to Bailey station and in the median. A demonstration of how this lift station operates and visual of the pump/pit given. Review of what the city needs to maintain, inspect and test for proper operation as part of the routine Robert handles. Similar to Montie lift station requires testing and any special notations necessary in a notepad/log kept inside the locked panel. Very well kept, lawn manicured and no weeds.

Pump House - ♦6 Emmons

An older building structure of great architectural design. Circa 1926 that includes 3 cast iron pumps made to last. Pump operates with a weight design system and technology from 1926 but it works and does its job. Robert had to learn how to repair this once when the wire line broke. In a situation of heavy rainfall like the event of Aug. 11th the high amount of water brought the pumps to capacity throughout the system. Robert squashed the myth most people have that the city forgot to turn a valve. We learned there is no such thing. The pumps were running and over capacity in the last rain event. Due to the size of this structure there are maintenance issues required of the city to keep the building in sound condition. Things like roof, entry access points, housekeeping, electrical system and ground maintenance.

Pump House - ♦7 Lincoln

Similar to pump house Emmons. Circa 1926-1928. Solid brick building structure. This was not toured and a drive by was conducted.

Pump Lift Station - ♦8 Applewood

Situated in a fenced in area. This was not toured.

Pump Station - ◇9 River Drive

Nice brick well kept building structure. Not toured during this visit. Noted this is in close proximity to the Retention Basin and what is considered a Pump Station & Junction Chamber. Nearby is the River Drive Regulator Chamber.

Retention Basin -

In operation since 1991 and downstream south of the County Interceptor. The Retention Basin has 3 basins that can hold 25 million gallons of water. The waste water from the city travels to it via the Interceptor lines from the sanitary sewer system and is treated before released to the Wayne County Waste Water Treatment Plant. A main part of the monitoring entails many things to check, clean, maintain, repair, and making sure water is treated according to specifications. Robert is responsible for doing all this and order supplies and parts when needed.

Outside/Exterior:

Has a reservoir/pond parallel to the creek and which is monitored to keep the algae down and the growth of plants. If the creek water table rises, it overflows into the reservoir since the creek is at a higher elevation.

Another thing one would notice is the fact the land has to be maintained with grass cut and overgrowth on the other side of the fencing. On the day of the tour you could see where the height of growth toppling over the fence and hanging over the roadway which would impact to bring through equipment in a semi, the vactor truck so this is one thing needs attention. In winter, the parking lot would need to be cleared and clearing for access to the underground pump pits. Actual building structure maintenance has to be monitored as well, a task Robert is required to keep up on – plumbing, electrical, lights, housekeeping, etc.

Interior:

There are many areas and rooms for equipment, a control center, files, and storage of many of the sewer line diagrams for the entire city. Things that are needed include proper tools needed for repairs, some extra parts and supplies, and in case of emergency supplies.

There are many tasks to monitor inside and this includes, electrical circuits and panels, alarm testing, an area to ensure the proper mixture of chlorine is done for water treatment and testing so the level does not go below 5 ft. which would allow 16 hrs. of time to get a delivery of more chlorine, a generator in case of power failure, monitoring the basins and ensure they stay wet inside and not allowed to dry, the pump pits to check for any materials/debris that need to be removed and disposed of properly. Depending on the rainfall since the sanitary system gets heavy inflow of storm water this affects the amount of sanitary waste and debris coming through. At times could take up to 3 days to clean out along with disposal of 62+ bags of garbage. Robert showed from below areas accessible down stairs and then areas to go upstairs.

Retention Basin – (continued)

Other:

On-going education for credit hours per year is necessary to maintain license for S3 and S4 license. Something of which Robert keeps track of himself and takes advantage of any free training and classes to keep his licenses current.

Robert mentioned due to manpower restraints, processes to obtain supplies and materials he has to go through affects any record keeping, files, log, inventory lists, work records to not be as documented as they could be done.

Robert also has to make himself available once a month for the County representative that visits for inspection of the facility.

Summation/Comments:

The job of Sewer Leader is an integral part and in need of commitment by the city to provide the necessary manpower and resources. A successful remedy is to perform a proactive approach on the amount of time necessary to maintain and monitor all of the waste water lift pumps, pump houses and retention basin.

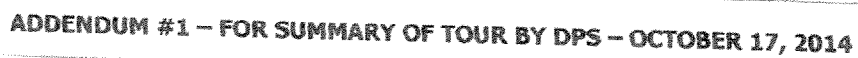
Giving this position the necessary support to do this is highly recommended moving into the future. Providing the DPS department the resources and to keep this job in-house to conduct this job and prevent any failures is a decision the city must review and consider.

I can say it was a real eye opener to have gone through the tour. To be able to see and understand what is entailed to provide the services of keeping the waste water moving through the system. The many, many things the city must do to keep each site operational, prevent shut downs and general maintenance and monitoring is not to be taken lightly.

Along this line is to assess infrastructure measures of the city's sanitary sewer lines for funding available for improvements that can be made to prevent further decay. This would provide the various sites to do what they are here to do and get the waste water through them, and help stop the decline in property value within certain areas having repeated basement flooding issues. Acknowledgment also to make improvements with a plan for the storm water side within the city to control and decrease the amount of storm water inflowing into the sanitary lines burdening it with additional water that ends up going through the retention basin and sent to the waster water treatment plant.

With that being said, it is my opinion the DPS Department is operating under a personnel and resource deficit. Having more transparency in what the DPS mission is in serving residents I believe will change the mindset of residents to have a positive outlook of their city, the image of DPS and what their abilities are to provide services and expectations within the parameters the city can afford to do. This in turn will change the perception of residents and build up department morale for the betterment of both the city, residents and business owners.

LINCOLN PARK – DPS FACILITIES
(The city is divided into 5 sections for purposes of work assignment coverage – refer to map provided by Hennessey Engineering for breakdown of 5 sections}map titled Lincoln Park-Sanitary Sewer Map dated October 2014 – this map for DPS Review Committee purpose only)



**City of Lincoln Park, Michigan
DPS Review Committee**

**Report on Equipment Status, Organizational Chart & Staffing, and Work Order
Processing**

**Prepared By: Edward Selan
October 28th, 2014**

Sources of Information

Brad Coulter, Emergency Financial Manager

Larry Kelsey, Councilman

Robert Bartok, Director of the Department of Public Service

John Kozuh, Supervisor of the Department of Public Service

Giles Tucker, City Management Intern

Robert Abbott, Sewer Leader

Equipment Status (ES)

Description of Assignment

Locate documentation of equipment inventory and determine its operational status.

Findings

ES1: Equipment Status

The equipment inventory document was provided by Giles Tucker in hard copy and contained a list of DPS related major equipment. Upon discussion with Mr. Bartok, he indicated that to the best of his knowledge all of the equipment is accounted for; however, its ultimate disposition cannot be ascertained until final decisions are reached regarding the future structure of the department. If staff is increased and the services associated with the equipment remains the internal responsibility of the DPS, then the equipment should be retained. If the services associated with the equipment are contracted out, then the equipment should either be leased to the service provider or sold out-right, whichever maximizes the benefit to the city. In addition, Mr. Bartok indicated that a portion of the equipment is no longer relevant to operations (e.g., tractors utilized by the department prior to contracting out lawn cutting services, etc.), and that some equipment in current service has limited availability due to insufficient mechanic staffing to maintain and/or repair.

ES2: Vehicle Status

During the course of an interview with Dan Belken, Tim Wrona reviewed the status of vehicles. Mr. Belken created a list of the vehicles and assigned a condition rating based upon his professional opinion as the Motor Pool Mechanic. This has been included as a separate document.

Organizational Chart & Staffing (OCS)

Description of Assignment

Review the current department organizational structure and its staffing levels as they related to its overall mission.

Findings

OCS1: Organizational Chart

Mr. Bartok provided three organizational charts:

Note: Full Time Equivalent (FTE) assumes 40 hours a week for each full-time employee and 28 hours a week for each part-time employee. Total hours for each type of headcount (full-time and part-time) are added together and then divided by 40 to determine the FTE. This is necessary to provide an accurate comparison between each organizational structure.

Current Organization (Total Head Count 17 and Full Time Equivalent of 15.5) – (2) Management, (10) Full-Time & (5) Part-Time Employees

Optimal Organization for Current Workload (Total Head Count 25 and Full Time Equivalent of 22.2) – (3) Management, (16) Full-Time & (6) Part-Time Employees

Optimal Organization for Contracted Services Model (Total Head Count 19 and Full Time Equivalent of 16) – (2) Management, (7) Full-Time & (10) Part-Time Employees

The organizational charts provided by Mr. Bartok are included in a separate document.

OCS2: Staffing Levels

Mr. Coulter provided a staffing document believed to be circa 2004 that indicated the DPS was staffed with approximately (51) employees. At that time, Parks & Recreation had two maintenance employees that are currently being provided by the DPS. The ratio of full-time to part-time employees is not included in the document. To further place the current staffing of the Lincoln Park DPS in context, the City of Wyandotte and the City of Southgate each have (31) and (27) DPS employees respectively. Though the ratio of internal versus contracted services are not known, both cities are approximately the same land mass, but serve between 13,000 and 9,000 less residents. They also rely upon a large force of part-time employees.

Work Order Processing (WOP)

Description of Assignment

Review the general process of the receipt and processing of work orders.

Findings

WOP1: General Citizen Request

Work order processing is generated by citizen requests delivered via phone, requests submitted by city hall staff and recurring tasks required to maintain the city. The following is an illustration of how resident requests are processed:

1. Resident contacts the DPS.
2. Dispatcher receives the information and enters a work order in the system.
3. DPS Supervisor assesses the order and assigns it to the appropriate work leader.
4. The work leader utilizes his or her equipment and/or personnel resources to complete the work order.
5. The printed order is returned to the dispatcher.
6. The dispatcher completes the work order in the system.

Note: Minor requests, such as fallen tree branch removal, etc., is not always worked by a documented request. To maximize efficiency, the dispatcher may call the crew working in the area and ask that they address the request in the course of completing their assigned work order(s).

WOP2: On-Going Maintenance

In addition to requests, the following activities are examples of what is considered ongoing maintenance:

Sewer cleaning with Vactor trucks.

Street patching.

Water and sewer system maintenance, such as servicing and maintaining valves, hydrants, retention basins; pumping station interiors, exteriors and motors, etc.

City buildings and grounds, such as roof, gutter and brick maintenance; HVAC and plumbing; painting, lighting and minor repairs; prepping systems for seasonal changes.

Trash pick-up at parks and oversight of contractor performance.

Personnel resources are balanced between citizen/administrative requests and on-going maintenance. The reduction in staffing has resulted in greater intervals between the frequency of on-going maintenance related tasks.

WOP3: Emergency Maintenance & Response

Emergency calls, such as water main breaks, fallen trees posing a hazard, etc., draw additional resources from the DPS and may negatively affect the processing of citizen requests and ongoing maintenance.

City Of Lincoln Park, Michigan

DPS Review Committee

**Reports on Use of City Owned Equipment, Priority of Vehicle Repairs,
Road Repair and Signs.**

Prepared By: Tim Wrona

October 25, 2014

Interviews:

Interviews were conducted with the following individuals:

Captain Doug Vance. Fire Department

Chief Hawk. Police Department

LT Lavis. Police Department

Bob Bartok. DPS Director

John Kozuh. DPS Supervisor

Dan Belken. Motorpool

Numerous DPS Employees

Bruce Hurd. Retired DPS Employee

Randy. RJ & J Construction

Nathen Foster. Fraser DPS Employee

Use of City Owned Equipment:

In interviewing employees of the DPS, I was informed that use of city owned equipment by contractors was ceased per Emergency Finance Manager.

For water main breaks being repair by RJ & J, a city pump is used by a DPS employee when needed. This was confirmed by Randy of RJ & J.

I was informed by DPS Employees that RJ & J has possession of and uses city owned hand tools. This was denied by Randy of RJ & J.

Priority of Vehicle Repairs:

Fire Department Interview with Capt. Doug Vance.

How many department vehicles?

8 total.

When a vehicle is reported to DPS for repair, what is the usual time period for DPS to look into this vehicle?

4 to 5 days.

Do you feel this is satisfactory?

No. OSHA concerns.

When DPS has a vehicle for repairs, what is the time period for repaired vehicle to be returned to the department?

Varies.

Do you feel this is satisfactory?

No, not with the fire engines.

When a vehicle has been repaired by DPS, are you satisfied with the repairs?

No. Repairs on the engine and suburban have been on going.

Have you sent vehicles in for repairs and have any repairs been ignored?

Yes. Some repairs have not been addressed.

Do you have any vehicles with outstanding (not completed) repairs?

Yes.

Emergency lights on engine.

Windshield on inspectors #485.

Check engine light on #492.

Air horns, clunking noise in front end and door on Engine #452.

Headlights and emergency lights on #471.

Front end alignment (wears out tires yearly) #472.

Does DPS maintain equipment for your department? If so, what equipment? Are you satisfied with the repairs?

No. Equipment repairs are outsourced.

When a vehicle is outsourced from DPS for repairs, is the repair shop qualified to do repairs on emergency vehicles?

Yes

Do you have any suggestions to help DPS with the maintenance of your department vehicles?

DPS motor pool is understaffed. More mechanics are needed.

Fire engines need to be sent out for repairs to qualified contractor.

How are communications with the DPS supervisors?

Mr. Bob Bartok? Poor/ non-existent.

Mr. John Kozuh? Excellent.

Does DPS maintain your department building?

Yes.

How is your department building maintained?

Excellent.

Police Department Interview Chief Hawk and LT Lavis

How many department vehicles?

34 total. 31 in service. 2 out of service. 1 going to auction. (See attached PDF file: "Vehicle Inventory.") Note: Most vehicles have very high mileage.

When a vehicle is reported to DPS for repair, what is the usual time period for DPS to look into this vehicle?

Prompt.

Do you feel this is satisfactory?

Yes.

When DPS has a vehicle for repairs, what is the time period for repaired vehicle to be returned to the department?

Varies, per conditions.

Do you feel this is satisfactory?

Yes. Per conditions

When a vehicle has been repaired by DPS, are you satisfied with the repairs?

Yes. Per conditions

Have you sent vehicles in for repairs and had any repairs ignored?

No.

Do you have any vehicles with outstanding (not completed) repairs?

No.

Does DPS maintain equipment for your department?

Yes.

Are you satisfied with the repairs?

Yes.

When a vehicle is outsourced from DPS for repairs, is the repair shop qualified to do repairs on emergency vehicles?

Yes.

Do you have any suggestions to help DPS with the maintenance of your department vehicles?

DPS motor pool is understaffed. More mechanics are needed.

Vehicle repairs need to be documented in reports for condition and cost factors of vehicles to help decide if they are needed to be replaced.

How are communications with the DPS supervisors?

Mr. Bob Bartok?

Chief Hawk: Excellent.

LT. Lavis: Fair.

Mr. John Kozuh?

Chief Hawk: Excellent.

LT. Lavis: Excellent.

Does DPS maintain your department building?

Yes.

How is your department building maintained?

Very poor. (See attached file, "City of Lincoln Park, Department of Police," submitted by Chief Hawk.)

Note: LT. Lavis walked me through the department so I was able to verify these repairs. Some repairs were never completed. Some repairs have been ignored for possible years. Some repairs were done improperly. Building is in very poor condition with possible safety issues.

Sign Department.

Sign Department is staffed and in operation.

Road Repairs:

In multiple interviews, I asked the question of why, when a water main or sewer repair is made in the road, do we have a sinking problem of the repair in the road? Note: file pictures were taken on 10-25-2014.

As in:

1. The southeast corner of Ford Blvd and Lafayette. A sewer was repaired in the spring and then was back filled and black topped at the same time. It then started sinking within a week. See file: Roads 1-A.

2- Northbound Fort Street/South end of city. This water main is well over 1 year old. See file: Roads 2-B.

3- 440 Mill Street. (This is the one that was on news stations with car sinking in hole) See file: Roads 3-C.

Mr. Bartok DPS Director: The reason for the sink holes is that he usually has cement work done in the spring and the EFM will not give him approval to have cement work done.

Randy of RJ & J. The reason for the sink holes is that DPS is supposed to black top after RJ & J makes water main/sewer repairs and this has not been done by DPS. (Please see as in #1 and Roads 1-A) *When asked about back fill Randy stated he suggested to Mr. Bartok to use a MDOT approved less expensive back fill to save money. Randy stated using less expensive back fill is not the problem of the sinking.*

John Kozuh DPS Supervisor: This was not a problem when DPS was using MDOT-approved 21double-A back fill. Randy from RJ& J suggested to DPS director to use a cheaper fill to save money, and this is the reason for the sinking of repairs.

DPS Current and Retired Employees: This was not a problem when DPS was using MDOT approved 21double-A back fill. Randy from RJ& J suggested to DPS director to use cheaper fill to save money and this is the reason for the sinking of repairs.

Mr. Foster Fraser DPS: Fraser DPS uses MDOT approved 21double-A back fill only and they do not have a sinking problem. *I explain the consistency of the back fill that Lincoln Park DPS is using and Mr. Foster stated this is most likely the reason of the sinking and suggested going back to 21double-A back fill.*

Per the EFM's Approval, I filled a 5 gallon bucket of current back fill. See file: BACKFILL 4-D. I let fill set for over 1 week with minimal rain. Back fill sank about 1 1/2". See file: BACKFILL 4-D.

Note: Savings is questioned when DPS employees have to be sent back out to repair sink holes, as well as the safety factor to residents.

The following disparities came up between interviews, making it difficult for me to direct what is fact or fiction. I am adding this to the report for the EFM and Council's knowledge.

During Interview of Randy from RJ & J: Randy stated that during all sewer and water main breaks, a DPS employee is always present with a DPS truck containing parts and a pump. This DPS employee used to be Robert Abbott, but because of him being a union employee, he is no longer able to oversee RJ & J's repairs and Ron Rail is now overseeing the repairs. (Note: Both Robert Abbott and Ron Rail are union employees.)

Interview of Robert Abbott on same matter: When Robert Abbott was asked why he no longer oversees RJ & J's repairs, he stated that Randy had Mr. Bartok pull him because he was constantly catching RJ & J making improper repairs and making him complete the repairs properly.

During Interview of Mr. Bartok DPS Director: Mr. Bartok stated (without being asked) that during the freezing cold 2013-2014 winter, he had to come into work with RJ & J to repair the water main breaks because all DPS employees refused to work because of the freezing temperatures.

Interview of Randy from RJ & J on same matter: Randy stated (without being asked) the same as Mr. Bartok about the 2013 - 2014 winter, but added the suggestion to check the overtime records of the DPS employees for last winter.

Interview of DPS employees on same matter: When DPS employees were asked along with now retired employee Bruce Hurd, they stated it was the RJ & J's employees that refused to work in the freezing temperatures. The DPS employees were told by Mr. Bartok that they were not to, and could not, work any overtime last winter. The DPS employees stated they would have been glad to work, except overtime was not allowed by Mr. Bartok.

Observations. While conducting interviews at the DPS yard, Councilman Kelsey and I observed three matters:

1. **New Fencing & Gates:** New fencing and gates to secure an area where RJ& J store their vehicles on city property. Please see files: FENCE 6- F, FENCE 7- G and FENCE 8- H

Randy of RJ & J: stated that one of his vehicles had been damaged while parked in the DPS yard (Note: stated police report was made and then turned into city insurance) Randy also stated that DPS director had gates and fencing installed at city's expense to secure his vehicles.

DPS Employees: stated that the DPS director had the gates and fencing installed to secure RJ& J vehicles.

2. **E & J Tree Service:** E & J vehicles driving continuously in and out of DPS yard. When we looked to the back of the DPS yard, it looked as though it were possible a business operation of reselling firewood and woodchips were going on with E & J. (See file: TREE 9-1.) Councilman Kelsey sent Mr. Bartok (and also CC'd me) an email inquiring about E & J. Mr. Bartok responded with an email. After reading the response, I suggested to Councilman Kelsey that he turn this matter over to the EFM. (See EMAIL 10-J.)

3. **Communications.** The communications within the DPS between supervisors are very poor and sometimes non-existent. There is no communication back to dispatch from the DPS Director and/or RJ & J concerning what work has been accomplished by RJ & J so that dispatch can remove it from his list.

**City of Lincoln Park, Michigan
DPS Review Committee**

Report on Maintenance of Parks

Prepared By: Kathy Miller

Parks Review and Suggestions

I conducted a survey of the 19 parks we have in Lincoln Park over several days at the end of September. This document will outline the present conditions of each park. I will then provide suggestions for the parks moving forward.

Park Present Condition:

- Braverman Park—Detroit and Washington
 - Small and a grill-- No picnic tables.
- Council Point Park-- River Drive
 - Great park, small amount of graffiti needs to be painted over. Red white and blue paint needed. Playscape needs new mulch
- Exchange Park—Dix and McClain
 - Park has sign with name Bob Cabella Memorial Park. Needs new sign or updates on city web site/maps. One pavilion and several benches
- Ford Park—Buckingham and Wilson
 - Some graffiti on no picnic tables Overgrown baseball diamond
- Ford Motor Park—Cicotte and RR tracks located behind 1700 Cicotte
 - Large with lots of graffiti, muddy back entrance on or near RR right of way??
 - Needs better entrance as you cannot tell from Cicotte there is a park there. Old TV dumped.
- Forest Park—Richmond and Buckingham
 - One pavilion, entrance off the side street only, abuts I-75. Spoke with a neighbor. Park used by many teenagers of the area. Also, homeless people use to camp according to neighbor whose back yard is adjacent. No vehicle entrance
- Jaycee Park—Harrison and Ferris
 - Pavilion, two picnic tables and basketball court
 - Spoke with a neighbor who stated park is not used by neighborhood residents

- Kiwanis Park—Gohl and Leblanc
 - Used by American Little League. Fresh cement, Looks great!!
- Lions Park—River Drive and LeBlanc
 - Great pavilion, nice walkway and landscaping. Looks great!!
- Maple Park—Hazel and St John
 - Large pavilion, with graffiti, basketball court. Located on the border of Allen Park.
 - Spoke with a neighbor, lots of dog walkers. Very large park located in a great area.
- Marion Park—Marion and Southfield
 - Fresh paint and mulch by volunteers on 09/27
 - Looks great!! A model for future park clean ups
- Memorial Park—Fort and London
 - Bandshell, Senior Center, War Memorial and Kennedy Memorial Building
- Paun Park—Bailey and Hoover
 - One small pavilion, one picnic table and an old wading pool which needs to be removed.
 - This would be a perfect location for a day care center as it is near the freeway and just off of Dix.
- Papalas—Montie and Pingree
 - Brand new fencing with a ball field. According to a neighbor very little usage of this park
- Propspinner—Ford and River Drive
 - Large, well-cared for. Used by JR Rails football. Looks great!!
- Quandt—Dix and Euclid
 - Large Park located in commercial district Large Pavilion and Concession stand with picnic tables
 - Lots of graffiti especially on picnic tables, Parking lot is overgrown. Little League plays here but not much other use according to a park neighbor.
- VFW—Monte and Chandler
 - Nice playscape with 2 swings sets. Per a neighbor very little usage of this park.
- Willow Park—Monte and Empire
 - Large playscape, one small pavilion and some graffiti. Terrible parking lot.
- Youth Center Park—Dix and Gregory
 - Largest in city with Community Center

Suggestions:

Perhaps some parks should be rezoned and sold. Southgate has 11 parks. Taylor has 21 parks and is much larger than Lincoln Park. Ecorse has 11 parks and a public boat launch. Allen Park only has 7 parks.

Ford Motor Park is in an area zoned Light Industrial and is a large unused area. Muddy RR right of way should not be the entrance to a park. Significant land north of the park could be developed as an industrial area. The AT&T building's (at 1700 Cicotte) parking lot is large and perhaps the entrance to the lot area should be west of the AT&T building not on the Rail Road right of way.

Jaycee, Ford, and Papalas Parks could be rezoned and sold as residential lots. This would increase property values as infill housing is built. Of course, nearby residents would need to be surveyed first and zoning addressed. Forest Park could be a great site for a large home. Perhaps a group home could be built on that land.

Quandt Park is huge and could be combined with the Sears shopping center and be sold to create a larger area to appeal to developers. This could solve the "problem" of only part of the empty shopping center being available for redevelopment. Or a small portion of Quant could be combined with the shopping area to allow trucks to access the back without using Sears property.

Mulch needs to be added to most of the playscapes.

DPS needs to do a better job of monitoring the grass cutting by the contractor, US Lawns. I did not see one park that appeared to be cut in the previous week. All grass was long and several park neighbors laughed when I asked if the park was cut that week. Perhaps this contract could be monitored by Parks and Rec instead of DPS.

The playscapes and picnic tables need to be painted whenever graffiti appears. Perhaps a single color scheme would help as less paint colors would be needed for touch ups. Maybe this is an area for volunteers to address. "Park captains" could be appointed, as volunteers to monitor/repaint their parks as needed. Maybe these volunteers could also monitor the grass cutting. The little leagues and football leagues could be "captain" of their parks.

**City of Lincoln Park, Michigan
DPS Review Committee**

Report on DPS Staff and Purchased Equipment

Report By: Larry Kelsey

Assignment on DPS Oversight Committee:

1. Interview staff past and present of DPS.
2. Inventory of DPS Vehicles.
3. Purchased Equipment/Documentation of use—Who Examines Records?

For the first item on my assignment I interviewed the Present Staff personnel: Mr. Bartok, Superintendent of DPS, John Kozuh, Field Supervisor, Robert Abbott, Sewer Leader. Mike Shaffer, Dispatcher and Mike Leblanc, union president.

For the past DPS Staff I interviewed the following personnel: Frank Maniaci, supervisor Water /Sewer.

I also talked to Robert Torck, who was the past Superintendent.

From my conversations with the people mentioned above it was very evident that because of the retirements in 2003-2004 a lot of things changed at the Department of Public Services.

1. The department from that time period forward loss a large portion of its workers and supervision.
2. The service became harder and harder to perform up to the standards that residents expect in the past.
3. The practice of retaining records and a history of work performed in the city was sketchy at best. There was no central process to keep a history of work performed and the outcome.
4. Equipment was left to deteriorate because of a lack of manpower and or maintenance.
5. The supervisors were having a hard time with day to day assignments and not addressing maintenance issues or request from customers because of the lack of help.
6. City managers came and went. Each one had their vision but never got far before they left or did not have their contract renewed.
7. The Department was left without a vision for the new model that they had to work with to still service the residents.
8. Money also was reduced and taken from the Water and Sewer Fund to make the cities payment to the Police and Fire Pension Plan.(this effected the DPS budget)
9. Contractors became more involved and started to do more and more city services with mixed results. Contracts that involved DPS were poorly written. Not enough info was put in the contracts to spell out the responsibility of the contractor. Example: Contractor used city equipment because of verbal agreements that were never written in contract or elsewhere.
10. Friction also occurred between the contractors and the city employees. This became a growing problem effecting morale and efficiency.
11. Part time DPS employee process and implementation needs to be addressed. Talking to supervision it does not work the way it should in a business model.

The second point of my assignment was Inventory. That inventory of equipment is included in this report. A crib inventory is not available.

The third part of my assignment was purchased equipment/documentation of use-Who Examine Records.

In my interviews it came out that they have not purchase any new equipment for nine years. Also the department does not have the employees keep vehicle logs or equipment logs. In the past a supervisor Bill Turner was involved in this. He has left the department and the practice does not exist today.

Work orders just recently were required by the Emergency Manger to be available to him. They indicated daily job assignments and also a process to keep track of customer request and follow ups.

This was not in place to a certain extant over the course of DPS operation. Some supervisors kept their own notes on jobs (supervisor's log). Some left the paper files in their desk when retired. Where they are known is unknown.

The Part Time Administration person now puts in purchase orders for the DPS Department. This is just happening now.

Suggested courses of action for the DPS Department:

Have a mission statement or action plan drafted and then implemented to the DPS Department.

Make a decision on what the Department will do and contractors will do.

Put in place a system to better communicate with the residents.

Address the process of part time workers and improve it to be more efficient.

Have the supervision better communicate with the council and vice versa.

Have a process in place to document items like vehicle usage, work orders, resident request, projects and why they were or were not done.

The DPS might be also benchmarked against best practices of similar communities to see what works and what does not.

The DPS is in need of attention quickly, the Department needs to start the process of maintenance schedules and a process to accomplish them.

Attached to this report are the following documents:

1. DPS Questioner answered by Supervisor John Kozuh
2. DPS Questioner answered by Superintendent Bob Bartok
3. Strategic Plan-Department of Public Services-Superintendent Bartok Plan

4. 2014 City of Lincoln Park Vehicle/Equipment List (Rating of Equipment/Vehicle 1-10)

This report compiled by: Larry F. Kelsey (Councilperson), DPS Oversight Committee Member.

**City of Lincoln Park, Michigan
DPS Review Committee**

Report on Resident Services

Report By: Deborah Henderson

RESIDENT SERVICES DPS REVIEW

The assigned areas of my review of the DPS department were as follows;

Municipal responsibilities assigned to the DPS by Administration of the City of Lincoln Park.

- See City of Lincoln Park website for DPS municipal / residential RESPONSIBILITIES

The completion and /or assignment of those responsibilities between DPS staff and outsourced contractors

- Currently, per interviews with supervisors and staffing at DPS, there are no scheduled employee meetings to better communicate work assignments or work orders completed and/or documented when assigned.
- See interview with DPS employee (dispatch), Supervisor John K. and DPS director B Bartok document attached.

A communication protocol and/ or time frame of residential communication with the department in regards to municipality responsibility assigned to DPS. Past and present.

After many interviews with residents, DPS director, supervisor and dispatch personnel, I have found no procedure for residential concerns relating to DPS municipal responsibilities.

As recent as 2 years ago there was a link on Lincoln Park city website that allowed a tracking of citizen communication relating to DPS. That system, however, was not properly utilized for the purpose intended. Due to poor tracking and lack of personnel, the communication of tracking numbers is no longer in place.

When interviewing staff at DPS, I found that if a resident contacted an elected official or knew someone personally, the concern of that resident was addressed.

- (see emails attached)

There is no priority ranking for services or an allotted time frame for initial contact or completion of communication.

I recommend that a log via excel be kept for accurate and efficient resident communication and tracking of issues relating to such.

- I have attached an excel document for an example.

It's a cost effective solution in my opinion because no special internet software is required.

Interview report for DPS review

CIGNAS IS CONTRACTED TO MAINTAIN TECH SYSTEM. CIGNAS CURRENTLY IS NOT WORKING UNDER A CONTRACT AND THE COMPANY IS NOT EFFECTIVE WHEN RESOLVING PHONE ISSUES.

A WORK ORDER SYSTEM WAS IMPLEMENTED BY BRAD COULTER (EM) IN THE 3RD WEEK OF SEPTEMBER 2014. PRIOR TO THAT THERE HAVE BEEN NO DOCUMENTATION OF WORK ASSIGNED OR COMPLETED BY DPS EMPLOYEES OR CONTRACTORS.

NO CALL LOG FOR RESIDENTIAL COMMUNICATION

JOHN K WAS WRITTEN UP FOR REPORTING TO ADMINISTRATION AT CITY HALL THAT PHONE LINES WERE DOWN FOR COMMUNICATION TO RESIDENTS.

** according to Mr. Kozuh **

DPS supplies certain contractors (RJ &J) and others with use of city owned facilities, equipment and employees.

Problem with part-time employee scheduling

Julie and Mike do not communicate regarding resident phone calls

NO CURRENT SCHEDULE OF EMPLOYEE MEETINGS OCCUR , CREATING A FRAGMENTED WORKPLACE.

Emergency water main practice in the past:

A DPS employee was on call and the police department called them if they were informed of a water main break.

That person came in and assessed the job and called the supervisor that called the employees to come in and fix the leak. The supervisor always came in to run the job and oversee its completion.

On an emergency I am not sure of the process. But from what I have taken from interviews is that the contractor comes in and we provide our box truck and a water dept employee on the job.

The contractor gets the clamps from our box truck and sometimes uses one of our pumps with his on the job (Per Mr. Bartok). Says it is cheaper for us to buy the clamps and provide a pump and DPS Employee because the contractor just bills manpower and equipment. Also the DPS truck Logo is good for PR for the citizens that Lincoln Park is on the job. Also the council in the past required someone from DPS to be on the job to oversee the work.

In the past the Water Department always tried to help a person whose water was frozen. DPS would go next door to a house and remove the neighbors' water meter and run a special hose to frozen neighbors house temporarily till the situation was identified and corrected.

See documentation in e-mails and paper work from Apple wood market as to some of the customers concerns today. Seems to be a mixed bag on process and procedure today. At a council meeting DPS provided council with a statement of what the process would be in the future after these High Profile situations emerged. (Documentation)?

If a DPS issue came up Mr. Maniaci was in the Blue Room off of council chamber if the council had a question about what DPS was asking for (equipment) or an item that was on the agenda that involved DPS. They then would come out of the conference room and address the concern.

Also tried to inform council members up front about the issue if possible.

Current practice:

The mayor schedules the department heads. They do not sit in the Blue Room as in the past

Past Water/Sewer procedures per past supervisor Frank Maniaci. DPS Employee in 1985, Supervisor water Dept 1996-2004.

The DPS had numerous departments under its umbrella of responsibility: In 1996-2004

1. Water Department
2. Parks and Recreation
3. Motor Pool
4. DPS

There were 4 supervisors and one superintendent. (See document Pre ERI Staffing Levels).

Currently the list from HR shows 17 employees, one supervisor and one field supervisor. (See document Current DPS Staff)

According to Supervisor John Kozuh this document is not correct and the current staffing level is as per hand written staffing levels (See attached hand written document).

Mr. Maniaci stated that the policy is to check the Lift Stations and Pump house every Monday, Wednesday and Friday. If it rains check them that day to. The current policy is once a week if they get a chance per the Sewer Leader.

An older pump station is near Emmons. Ecorse creek is where all the water runs to in Lincoln Park.

Sanitary sewers are separate from rain water in the city. The Retention basin holds around 21 million gallons of water. This is the total of all three Retention Basins.

Hennessey Engineering then and now still support the Sewer system in Lincoln Park.

Mr. Maniaci held meetings every day with water department employees (This is still the same with all DPS employees today). Gave job assignments at meeting (same as today)

Main breaks were kept in a log. But daily work was not.

System today does not do that except main breaks are tracked now.

All work was done in house until 2010 and 2011.

Contracting today has water mains, catch basins, tree removal, trimming, sidewalk repair, replacement etc. is done outside. Because of man power constraints more is being done outside.

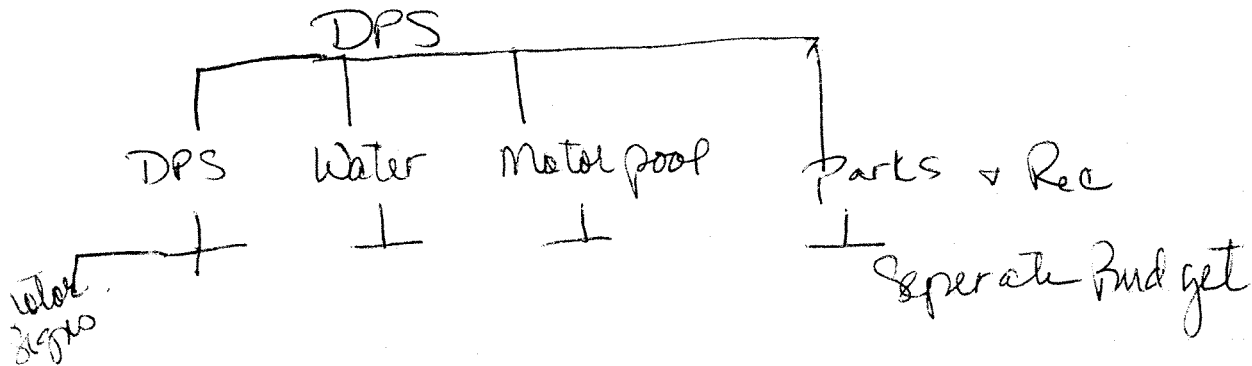
Mr. Maniaci said that the equipment was in good shape when he left in 2003 and 2004.

When he was over the sewer department the box truck, traffic signs and cones were bought to do water mains and traffic control.

Inventory list was done by the water department on a regular basis in the past. There has not been one since 2004.

Frank
 313-332-9548
 1985 - 60 total - 2004

Departmental Structure



As foreman

- * Daily meetings with staff to maintain a log
- * Assign jobs

Drainage - ^(Storm) Streets → Ecorse Creek
 - Home → Sanitary - Dumped?

Retention Basins ^{Holds} - Wayne County Interceptor →
 * Documented for environmental agencies
 by DPS employees (supervisors)
 (a) Maintenance (Monthly maintenance)

Hennessy - Examine, determine and communicate
 all DPS maintenance, repair, ~~infrastructure~~ issues
 ↓
 DPS - Organize, prioritize, assign & Document
 work (logs) in trucks

↓
 Bio Specs and



Deborah Henderson <councilwomanhenderson@gmail.com>

Pothole

Debbie Malenfant <liteluvr@ameritech.net>
To: councilwomanhenderson@gmail.com

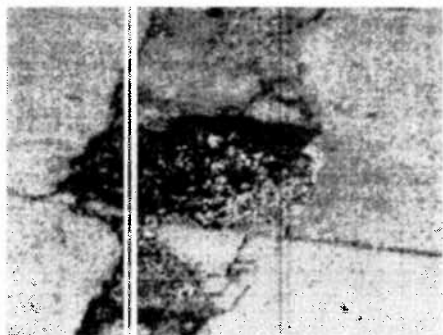
Tue, Mar 25, 2014 at 4:42 PM

Hello

I certainly hope you can help me. I have called City Hall and left a message, but never got a return call. A few weeks ago a truck was by my house and filled all the potholes with black top except the one in front of my house. The neighbors truck stays parked in the same place for weeks on end, so the guys were not able to fix the that one pothole. As you can see from the picture, its about 4-5 inches deep and I feel it poses a danger for the cars. Perhaps the patching truck could come by and fill this pothole before the neighbors truck is back on the street. The pothole is in front of:
1405 London. If you could direct this email to the appropriate person so that maybe this pothole could be filled. Thank you very much.

Deborah Malenfant

This email is free from viruses and malware because avast! Antivirus protection is active.
<http://www.avast.com>



pothole.jpg
213K



Deborah Henderson <councilwomanhenderson@gmail.com>

Pothole

Deborah Henderson <councilwomanhenderson@gmail.com>

Thu, Mar 27, 2014 at 7:45 AM

To: Debbie Malenfant <liteluvr@ameritech.net>

Cc: Bob Bartok <bbartok@citylp.com>, Joe Merucci <jmerucci@citylp.com>

Good Morning Debbie,

Thank you for your email regarding pothole on London. I will pass this information along to the proper department. I will also recommend that the department put out "no parking" signs during the times that repairs are being done. Also, if you can give a description and /or license plate number of truck it may be possible for the appropriate persons to request that the truck be moved. I hope that this will help. Please keep me updated on the status of this repair.

Sincerely,

Deborah Henderson

[Quoted text hidden]



Deborah Henderson <councilwomanhenderson@gmail.com>

Pothole

Bob Bartok <BBartok@citylp.com>

Thu, Mar 27, 2014 at 1:14 PM

To: Deborah Henderson <councilwomanhenderson@gmail.com>, Joseph Merucci <JMerucci@citylp.com>

I will have the crew complete it tomorrow.

Thanks,
Bob

From: Deborah Henderson [councilwomanhenderson@gmail.com]

Sent: Thursday, March 27, 2014 7:46 AM

To: Bob Bartok; Joseph Merucci

Subject: Fwd: Pothole

[Quoted text hidden]



Deborah Henderson <councilwomanhenderson@gmail.com>

Pothole

Debbie Malenfant <liteluvr@ameritech.net>

Fri, Mar 28, 2014 at 1:44 PM

To: Deborah Henderson <councilwomanhenderson@gmail.com>

Hello,

THANK YOU VERY MUCH. I woke up this morning to the pothole being filled. They actually filled several more around my house. Thank you once again for your help.

Debbie Malenfant

~~~~~

[Quoted text hidden]



This email is free from viruses and malware because avast! Antivirus protection is active.



Deborah Henderson <councilwomanhenderson@gmail.com>

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## Pothole

---

**Deborah Henderson** <councilwomanhenderson@gmail.com>

Fri, Mar 28, 2014 at 7:33 PM

To: Bob Bartok <bbartok@citylp.com>

Hello Bob,  
I'm forwarding a 'thank you' email from the resident on London in regards to the pothole you and your staff took care of.

Thanks,  
Deborah

----- Forwarded message -----

From: **Debbie Malenfant** <liteluvr@ameritech.net>

[Quoted text hidden]



Deborah Henderson <councilwomanhenderson@gmail.com>

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## Too Many Pot Holes

9 messages

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**Annie Prusakiewicz** <themoozoo@aol.com>

Sun, Mar 30, 2014 at 1:21 PM

To: mayorkarnes@gmail.com, councilmantommurphy@yahoo.com, mark.kandes@gmail.com, elliotzelenak@gmail.com, mario.disanto@gmail.com, councilwomanhenderson@gmail.com, councilmankeisey@gmail.com

Dear Lincoln Park Mayor and Council Members,

I am writing this email in regards to some major pot holes we have at the end of our street. (Dix & Regina Ave, west of Dix) Both my husband and I have called DPS several times over the past weeks. We have also called and reported them on the pot hole hotline.

As you can see from the attached pictures, we cannot afford to wait any longer to have these pot holes filled. We are talking about a 25' x 12' patch of street that is just riddled with holes. Some areas of the street are over 6" deep.

Our street is a fire route. My son is disabled and his Trinity bus comes down our street twice a day during the week.

We voted for the street proposal and would like to see our tax dollars being used to at least fill the holes at the end of our street. We understand that it has been a long, cold winter but we cannot afford to wait any longer.

We appreciate your prompt attention to this matter.

Please feel free to drive down and check out our street. Would you like to drive over these holes every day? I don't think so. Well, either do we.

Sincerely,

Clem and Annie Prusakiewicz  
2063 Regina



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**Deborah Henderson** <councilwomanhenderson@gmail.com>

Mon, Mar 31, 2014 at 7:12 PM

To: Annie Prusakiewicz <themoozoo@aol.com>

Dear Mrs. Prusakiewicz,

I have forwarded your email to the city manager (Joe Merucci) and the appropriate department manager (Bob Bartok). Thank you for your email. Please keep me updated on the status of repair.

Thank you,

Deborah Henderson

On Sun, Mar 30, 2014 at 1:21 PM, Annie Prusakiewicz <themoozoo@aol.com> wrote:

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**Annie Prusakiewicz** <TheMooZoo@aol.com>

Wed, Apr 2, 2014 at 9:32 PM

To: Deborah Henderson <councilwomanhenderson@gmail.com>

Councilwoman Henderson,

The potholes on our street were filled today. Thank you for expediting this process. We are very grateful.

Mrs. Prusakiewicz

Sent from my iPod

On Mar 31, 2014, at 7:12 PM, Deborah Henderson <councilwomanhenderson@gmail.com> wrote:

Dear Mrs. Prusakiewicz,

I have forwarded your email to the city manager (Joe Merucci) and the appropriate department manager (Bob Bartok). Thank you for your email. Please keep me updated on the status of repair.

Thank you,

Deborah Henderson

On Sun, Mar 30, 2014 at 1:21 PM, Annie Prusakiewicz <themoozoo@aol.com> wrote:

Dear Lincoln Park Mayor and Council Members,

I am writing this email in regards to some major pot holes we have at the end of our street. (Dix & Regina Ave, west of Dix) Both my husband and I have called DPS several times over the past weeks. We have also called and reported them on the pot hole hotline.

As you can see from the attached pictures, we cannot afford to wait any longer to have these pot holes filled. We are talking about a 25' x 12' patch of street that is just riddled with holes. Some areas of the street are over 6" deep.

Our street is a fire route. My son is disabled and his Trinity bus comes down our street twice a day during the week.

We voted for the street proposal and would like to see our tax dollars being used to at least fill the holes at the end of our street. We understand that it has been a long, cold winter but we cannot afford to wait any longer.

We appreciate your prompt attention to this matter.

Please feel free to drive down and check out our street. Would you like to drive over these holes every day? I don't think so. Well, either do we.

Sincerely,

Clara and Annie Prusakiewicz  
2063 Regina

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Resident Communication Log  
(Current)

|   | A                    | B       | C           | D                     | E                         | F              |
|---|----------------------|---------|-------------|-----------------------|---------------------------|----------------|
| 1 | Resident information | Date    | Call Reason | Assigned DPS employee | Follow up date w/resident | Plan of action |
| 2 | Deborah H            | 11/8/14 | TREE        |                       |                           |                |
| 3 |                      |         |             |                       |                           |                |
| 4 |                      |         |             |                       |                           |                |
| 5 |                      |         |             |                       |                           |                |
| 6 |                      |         |             |                       |                           |                |

IEW

PENDING

COMPLETE

Resident Communication Log  
(Current)

|   | G                              |
|---|--------------------------------|
| 1 | Approx date of completion/etc. |
| 2 |                                |
| 3 |                                |
| 4 |                                |
| 5 |                                |
| 6 |                                |

H  
ADDITIONAL INFORMATION/COMMENTS



Deborah Henderson <councilwomanhenderson@gmail.com>

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**Fwd: DPS: Phone voice messages full on 6-18-14**

1 message

---

**Deborah Henderson** <deborahhenderson61@yahoo.com>  
To: councilwomanhenderson@gmail.com

Thu, Jun 19, 2014 at 3:15 PM

Sent from my iPhone

Begin forwarded message:

**From:** Bob Bartok <BBartok@citylp.com>  
**Date:** June 19, 2014 at 12:47:34 PM EDT  
**To:** Larry kelsey <lkelsey6539@wowway.com>  
**Cc:** Mayor Karnes <mayorkarnes@gmail.com>, 'Deborah Henderson' <deborahhenderson61@yahoo.com>, "mario.disanto@gmail.com" <mario.disanto@gmail.com>, 'Mark Kandes' <mark.kandes@gmail.com>, 'Thomas Murphy' <councilmantommurphy@yahoo.com>  
**Subject:** RE: DPS Phone voice messages full on 6-18-14

The phone system at the DPS has been down for the last day and a half and are currently still inoperable. No calls can be made or received in the entire building.

When the phones are inoperable, there is no one at DPS that can fix the phones so that messages can be left, since we can't receive calls. Hopefully the phones will be repaired soon.

Thanks,  
Bob

---

**From:** Larry kelsey [lkelsey6539@wowway.com]  
**Sent:** Wednesday, June 18, 2014 2:34 PM  
**To:** Bob Bartok  
**Cc:** Mayor Karnes; 'Deborah Henderson'; mario.disanto@gmail.com; 'Mark Kandes'; 'Thomas Murphy'; 'Larry kelsey'  
**Subject:** DPS Phone voice messages full on 6-18-14

Mr. Bartok,

Got a call this morning from a resident that stated the DPS phone voice mail message system was full and no other messages can be left.



The resident called numerous times and could not get a hold of a person or leave a message to request a situation to be addressed today or someone to call the resident back.

Could you please fix the phone so you can leave messages.

Thanks.

Larry F. Kelsey

Councilperson



This email is free from viruses and malware because avast!  
Antivirus protection is active.

# SUMMARY OF ON-GOING ENGINEERING PROJECTS



OCTOBER 7, 2014

PRESENTED TO THE DPS REVIEW COMMITTEE BY:

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HENNESSEY



ENGINEERS, INC.  
*Engineering The Future.*

# TYPES OF PROJECTS

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- Roads Network and Storm Drainage
- Sanitary Sewer Conveyance System
- Water Distribution System
- Private Development Reviews

# ROADS AND DRAINAGE

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- *Pavement Evaluation and Asset Management Plan*
  - Each street segment owned and maintained by the City was inventoried in Spring 2012 (Street Segment = Intersection to Intersection)
  - Inventoried by ratings based upon MDOT criteria utilizing Pavement Surface Evaluation Rating (PASER) System, 10 being street in excellent condition and 1 being a failed pavement
  - An asset management plan was submitted to the State of Michigan Transportation Asset Management Council for review and consideration providing a 5 year capital improvement plan
  - Approval of plan would allow City to transfer additional funds from the Act 51 major road fund to the Act 51 local road fund as long as major road infrastructure is continually maintained

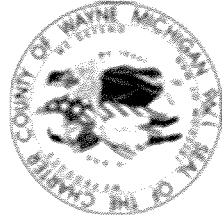
# REVIEW OF JURISDICTIONS

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- The following roads are under the jurisdiction of the Michigan Department of Transportation:

- Fort Street (M-85)
- Southfield Road west of I-75 (M-39)



- The following roads are under the jurisdiction of the Wayne County Department of Public Services:

- Dix-Toledo Highway
- Moran Street west of Dix-Toledo Highway
- Outer Drive
- Southfield Road east of I-75

Hennessey Engineers evaluated all streets owned and maintained by the City of Lincoln Park. Total mileage = 117.19 miles

# ROADS AND DRAINAGE

| Rating  | Concrete<br>(mi.) | Percentage | Asphalt<br>(mi.) | Percentage | Gravel<br>(mi.) | Percentage | Total<br>(mi.) | Percentage |
|---------|-------------------|------------|------------------|------------|-----------------|------------|----------------|------------|
| 10      | 0.18              | 0.2%       | 0.00             | 0.0%       | 0               | 0.0%       | 0.18           | 0.2%       |
| 9       | 0.94              | 1.2%       | 0.00             | 0.0%       | 0               | 0.0%       | 0.94           | 0.8%       |
| 8       | 8.47              | 10.6%      | 1.71             | 4.8%       | 0               | 0.0%       | 10.18          | 8.8%       |
| 7       | 8.23              | 10.3%      | 5.20             | 14.7%      | 0               | 0.0%       | 13.43          | 11.6%      |
| 6       | 26.53             | 33.1%      | 6.03             | 17.0%      | 0.38            | 80.9%      | 32.94          | 28.4%      |
| 5       | 23.58             | 29.4%      | 8.17             | 23.1%      | 0               | 0.0%       | 31.75          | 27.4%      |
| 4       | 7.82              | 9.8%       | 4.82             | 13.6%      | 0               | 0.0%       | 12.64          | 10.9%      |
| 3       | 3.53              | 4.4%       | 4.96             | 14.0%      | 0               | 0.0%       | 8.49           | 7.3%       |
| 2       | 0.92              | 1.1%       | 4.22             | 11.9%      | 0.09            | 19.1%      | 5.23           | 4.5%       |
| 1       | 0                 | 0.0%       | 0.33             | 0.9%       | 0               | 0.0%       | 0.33           | 0.3%       |
| Total   | 80.20             | 100%       | 35.44            | 100%       | 0.47            | 100%       | 116.11         | 100%       |
| Average | 5.69              |            | 4.80             |            | 5.23            |            | 5.42           |            |

## Summary of PASER Results

SPRING  
-2017

# SUMMARY OF RATINGS

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## Ratings 7-10 (Good)

- 21.2% of Streets
- No subsurface rehabilitation or replacement



## Ratings 5-6 (Fair)

- 56.0% of Streets
- As needed subsurface rehabilitation or replacement (concrete sectioning, asphalt resurfacing, etc.)



## Ratings 1-4 (Poor)

- 22.8% of Streets
- Subsurface rehabilitation or replacement included



# ROADS AND DRAINAGE

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- Road Bond Program

- In November 2013, the City placed on the ballot a proposal to provide for a 10 year, 20 million dollar infrastructure bond program
- This bond program would involve the preventative maintenance, rehabilitation and replacement of several streets, including water main and storm sewer replacement on those streets to be reconstructed
- Hennessey prepared draft schedules for Phase 1 of the bond program, proposing to complete approximately 8 million dollars of work divided evenly throughout the City, the City being divided into 6 sections, each section with same mileage of City owned streets
- Program currently on hold due to financial status of the City



# ROADS AND DRAINAGE

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- *Progress Street Reconstruction (Champaign to Bailey)*
  - Project was completed in Summer 2014 by Hard Rock Concrete
  - Involved the complete removal and replacement of existing concrete street rated a 3 out of 10 on the PASER rating system, and included drainage improvements
  - Hennessey working on closing out this project
  - Project was completed ahead of schedule and under budget
  - Project was funded with Community Development Block Grant (CDBG) funds

# ROADS AND DRAINAGE

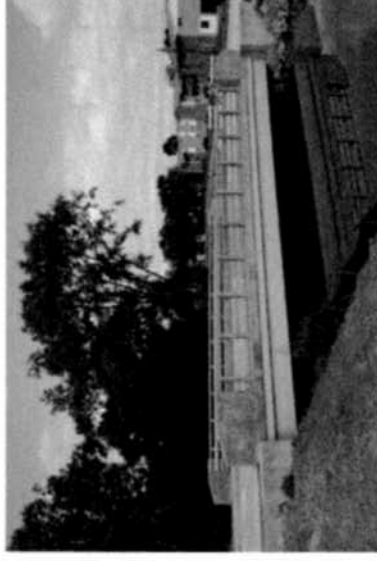
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- 2014 Major Roads Concrete Sectioning
  - Project was completed in Summer 2014 by Century Cement
  - Involved the concrete sectioning of River Drive from Harrison Avenue to Ford Boulevard and along Gregory Street from Fort Street to Dix Highway at a cost of approximately \$415,000
  - Some concrete sectioning proposed as part of project along Moran Street from Fort Street to Dix Highway with remaining funds budgeted
  - Project was completed ahead of schedule and under budget
  - Project was funded utilizing Act 51 major road funding

# ROADS AND DRAINAGE

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- Harrison Bridge Replacement at Goddard Road
  - Construction began in September 2011 and was substantially completed in June 2012
  - Funded by MDOT Critical Bridge program covering 95 percent of the construction costs. All other costs associated with the project split evenly between Lincoln Park and the City of Wyandotte
  - Trees were planted in the Fall of 2012 and required watering and cultivating for a period of 2 years
  - The City is currently working with MDOT to close this project.



# ROADS AND DRAINAGE

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- *Hazel Street Bridge Replacement north of Goddard Road*

- Design on-going with construction to take place in 2015 to remove and replace bridge
- City approved for MDOT Critical Bridge grant covering 95 percent of the construction costs.
- Anticipate Grade Inspection meeting with MDOT (80% design completion) in Fall 2014.

- *Annual Storm Water Report*

- Hennessey will be assisting the City with completing the annual storm water quality report to the MDEQ due by November 1, 2014

# SANITARY SEWERS

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Provide an overview of the collection system and the Wayne County Downriver Sewage Disposal System.

- *S2 Grant Sewer Study*

- In September 2011, the City applied for and was awarded a S2 grant sanitary sewer study grant in the amount of \$675,000. The study focused on the sanitary sewer area that the City determined had the highest infiltration and inflow into the system. The City is required to provide a 10 percent match.
- In 2012, the City applied for and was awarded an additional \$325,000 to continue studying the sanitary sewer system.
- Hennessey performing several tasks as a part of the program including:
  - Flow Monitoring
  - Cleaning and Televising of Sewers
  - Smoke Testing
  - Manhole Inspections
  - Topographical Surveys and Development of Geographic Information System (GIS)
  - Preparation of Project Plan Identifying Recommendations for System Improvements

# PURPOSE OF S2 GRANT PROGRAM

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- Identify locations of the City prone to frequent basement backups and sewer surcharging.
- Identify locations of significant infiltration and inflow (I/I) into the sanitary sewer system and recommend alternatives to eliminate.
- Identify structural defects within sewers within and near areas prone to sewer surcharging and basement backups and recommend rehabilitative techniques to reinstate structural integrity and increase design life.
- Prepare a comprehensive project plan to submit to the MDEQ providing the results of the S2 grant program and analyze the best, most cost effective solution to eliminate I/I into the system and provide needed capacity.

# STUDY AREA



# FLOW MONITORING AND MODELING OF SYSTEM

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- 12 flow meters installed throughout the City's sewer system in the Spring of 2012.
  - Flow recorded at 15 minute intervals for at least a 6 month period
  - Compare dry weather flows with wet weather flows
- Obtain survey data
  - Field verify the invert elevations at manholes throughout the system to be able to model the system and identify capacity issues
  - Verify existing pipe sizes with existing maps and City records
- Perform computer simulated modeling of alternative scenarios
  - Input flow information and survey data and provide scenario of existing conditions and identify capacity issues or pinpoint areas with significant inflow and/or infiltration
  - Perform alternative scenarios to identify cost effective solutions to improve the system to be within contractual capacity



# RESULTS OF FLOW MONITORING

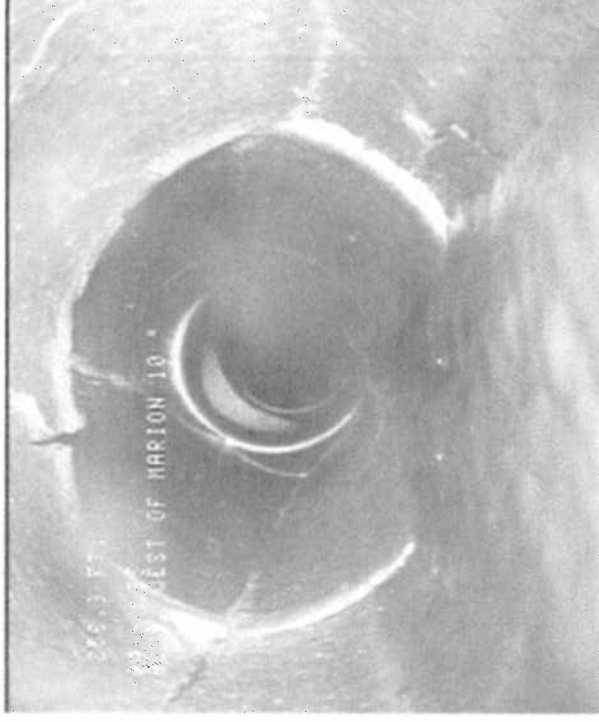
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- During most rain events, the amount of flow significantly increased within a matter of minutes
  - A significant amount of inflow entering the sanitary sewer system
    - Inflow sources include:
      - Catch basins or storm sewers still connected to sanitary sewer system
      - Broken cleanouts or cleanouts with missing caps
      - Incorrect covers on manholes
    - Potential infiltration entering the sanitary sewer system
      - Infiltration sources include:
        - Groundwater leaking through cracks or joints in the pipe
        - Leaks through brick or block manholes and at frame seal
- The only capacity issue identified to date based upon flow monitoring is the trunkline sewer from Dix and Champaign to I-75 and Garfield (24" to 36") is under capacity.

# CLEANING AND TELEVISION INSPECTION OF SEWERS

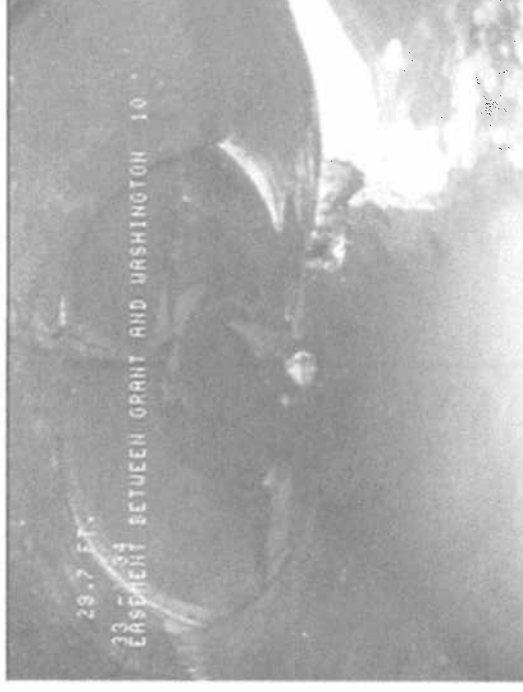
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- Cleaned and televised those sewers identified as experiencing surcharging and frequent basement backups and those sewers known to have structural defects. Completed by The Environmental Quality Company
- Reports provided specific details of defects encountered and rated per the National Association of Sewer Service Companies (NASSCO) Pipeline Assessment and Certification Program (PACP) at the requirement of the MDEQ. Only those defects rated as a “4 – Poor” or “5- Very Poor” can be repaired as part of a SRF loan program



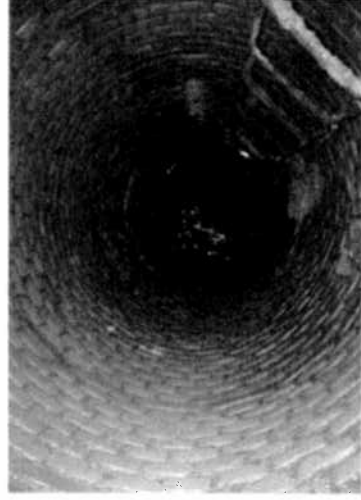
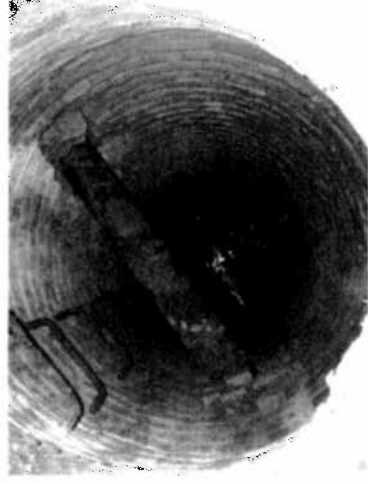
# CLEANING AND TELEVISION INSPECTION OF SEWERS

- Overall condition of sewers found to be in fair condition.
- Defects encountered include:
  - Cracking of the pipe
  - Leaking and/or offset pipe joints
  - Inside surface deterioration
  - Broken or deformed pipe
- 10 locations were identified where sewers have collapsed.
  - 9 locations are located north of Southfield Road and east of Fort Street
  - 1 location off Dix alley north of Champaign Road



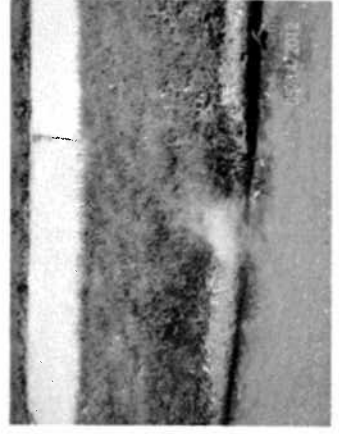
# MANHOLE INSPECTIONS

- Inspected all manholes along the trunk line sewers and along those sewers televised.
  - Rate conditions of all components of the manhole
  - Identify locations of infiltration within the manhole
  - Obtain rim and invert elevations and verify existing pipe sizes
  - Prepare overall database of manhole inventory
- Manholes overall are in good to fair condition



# SMOKE TESTING

- Smoke testing was to be conducted throughout the entire study area to identify:
  - Illicit connections of storm water into the sanitary system
    - Catch basins
    - Storm sewer not disconnected
    - Downspouts
  - Defective cleanouts
    - Cleanouts with missing or broken caps
    - Cleanouts on abandoned properties
  - Potential defects along sewers
    - Throughout cracks in pavements
    - Through the ground
- Results of smoke testing:
  - Approximately 35 catch basins were positive with smoke
    - Does not appear there are direct connections to sanitary sewer
  - Most likely, cracked/broken sanitary sewers near storm sewers and/or catch basins



# PROJECT PLAN DEVELOPMENT

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- As part of the S2 grant program, the City is required to complete studies and submit a project plan to the MDEQ in the Spring of 2015
- The project plan will outline the results of the studies and identify the most cost effective recommendations to improve the sewer system and eliminate infiltration and inflow into the sewer system
- City will be required to repair sewers deemed severe during the cleaning and televising operations and to eliminate as much infiltration and inflow as feasibly possible
- Provides for a long term capital improvement program and long term maintenance plan
- A public hearing will be conducted prior to submittal to the MDEQ to allow the general public to comment on the recommended alternatives

# SANITARY SEWERS

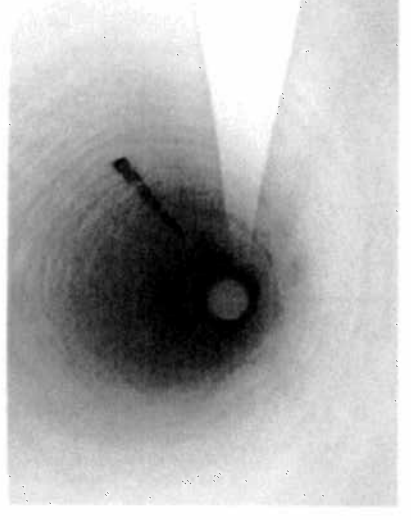
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- *SAW Grant Application*
  - In December 2013, the City applied for a Stormwater, Asset Management and Wastewater (SAW) grant in the amount of \$2,000,000. No match is required if the City is under receivership when grant awarded. Otherwise 10 percent match for first \$1,000,000 and 25 percent match for second \$1,000,000.
  - Several communities applied with funding being provided over multiple years. The City of Lincoln Park is expected to be awarded grant in a future year when funding available.
  - Hennessey proposes to complete the following tasks as a part of the program:
    - Additional Flow Monitoring outside the S2 grant study area
    - Additional Cleaning and Televising of Sewers outside the S2 grant study area
    - Additional Smoke Testing outside the S2 grant study area
    - Evaluation of pump stations and retention basin
    - Complete the Geographic Information System (GIS) for sewer systems
    - Preparation of Asset Management Plan

# SANITARY SEWERS

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- *Sanitary Sewer Lining and Emergency Repairs (CDBG)*
  - In 2014, several locations of sanitary sewer were repaired within the S2 grant study area that are eligible for CDBG assistance
  - Work included:
    - Installation of cured-in-place pipe linings were sewers were found to be severely cracked or broken or where leaking joints existed
    - Where the defect was too severe for lining installation, the section of defective sewer was removed and replaced
  - Work was completed in August 2014 with the completion of restoration and punch list items on-going.





# WATER MAINS

- Mill Street Water Main Replacement
  - Topographical survey being completed from Fort Street to River Drive
  - Replace existing water main with new water main underneath the greenbelt/sidewalk along the north side of Mill Street and abandon existing water main with flowable fill
  - Proposed construction in 2015



# PRIVATE DEVELOPMENTS

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Hennessey reviews the plans for private developments to confirm that new projects are adhering to the City's engineering standards and ordinances. We also provide construction inspection and testing services for these projects.

- Family Dollar, 3745 Dix
  - Plan was reviewed and returned to petitioner for corrections
- Wendy's, Dix and Southfield
  - Construction on-going. Underground utility work has not commenced to date
- Lincoln Park Lofts, Fort and O'Connor
  - Construction nearing completion. Occasional paving inspection required

## Supplemental Documentation

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description          | Vin/Serial/Plate  | Assigned or Located          | Condition (1-10) |
|----------------|----------------------|-------------------|------------------------------|------------------|
| M-2            | 1999 Mercury Sable   | 1MEFM53S8XG41583  | DPS-MP                       | 2                |
| M-6            | 2005 Crown Victoria  | 2FAFP71W15X178127 | Building Dept.               | 3                |
| M-15           | 1999 Mercury Sable   | 1MEFM50U8XG659684 | Building Dept.               | 2                |
| M-25           | 2006 Ford F250       | 1FTNF21566EC37212 | DPS                          | 7                |
| M-25A          | 2006 Western 8" Plow |                   | DPS                          | 9                |
| M-26           | 2004 Ford F250       | 1FTNF20L34EC79010 | DPS-Water                    | 6                |
| M-27           | 2004 Ford F250       | 1FTNF20L34EC79012 | DPS-Sewer                    | 6                |
| M-28           | 1999 Ford F350       | 1FTSF30F6XEA35846 | DPS-MP                       | 4                |
| M-30           | 1999 Ford F350       | 1FTSF30F8XEA35847 | DPS-MP                       | 4                |
| M-31           | 1999 Ford F350       | 1FTSF30FXXEA35848 | DPS-MP                       | 4                |
| M-33           | 2000 Ford Ranger     | 1FTZR15X9YTA45375 | At DPS-vehicle is inoperable | 1                |
| M-35           | 2004 Ford F250       | 1FTNF20L34EC79011 | DPS                          | 6                |
| M-36           | 1999 Ford E350 Van   | 1FBSS31L0XHA01663 | S.M.A.R.T.                   | 3                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                          | Vin/Serial/Plate   | Assigned or Located | Condition (1-10) |
|----------------|--------------------------------------|--------------------|---------------------|------------------|
| M-38           | 20 Passenger Bus                     | 1FDXE45F32HB28303  | S.M.A.R.T.          | 5                |
| M-39           | 2000 Ford Econoline Van              | 1FMRE1126YHB75442  | Court               | 5                |
| M-39A          | 2012 American Trailer                | 1A9UL0857C1668072  | Court               | 7                |
| M-40           | 2004 Ford E250 Van                   | 1FTNS24W14HB40639  | DPS                 | 5                |
| M-43           | 2001 Ford E350 Van                   | 1FTSS34F51HB37991  | DPS-Sign            | 4                |
| M-44           | 2007 E250 Cargo Van                  | 1FTNS24L07DB19895  | DPS                 | 7                |
| M-45           | 2007 E250 Cargo Van                  | 1FTNS24L07DB19896  | DPS-Water           | 6                |
| M-46           | 2009 GMC Savana                      | 1GDHGG31K391139431 | DDA                 | 7                |
| M-47           | 2000 Ford F750 Utility Van           | 3FDXF75HXYMA24895  | DPS-Water           | 4                |
| M-48           | 2005 Ford E450<br>20 Passenger Bus   | 1FDXE45P66HB29959  | S.M.A.R.T.          | 6                |
| M-49           | 1990 Ford E350 Utility Van           | 1FDKE37G6LHB63512  | DPS-Cement          | 1                |
| M-51           | 2003 Ford F550 Dump<br>w/attachments | 1FDAF57F03EA49339  | DPS                 | 4                |
| M-51A          | 2003 Monroe Spreader                 |                    | DPS                 | 2                |

2014 City of Lincoln Park Vehicle/Equipment List

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|----------------|----------------------|-------------------|---------------------|------------------|
| M-51B          | 2003 Western 8' Plow |                   | DPS                 | 5                |
| M-52           | Dump Truck           | 1FDAF57F03EA49340 | DPS                 | 4                |
| M-52A          | 2003 Monroe Spreader |                   | DPS                 | 1                |
| M-52B          | 2003 Western 8' Plow |                   | DPS                 | 5                |
| M-53           | 2003 Ford F550 Dump  | 1FDAF57F03EA49337 | DPS                 | 4                |
| M-53A          | 2003 Monroe Spreader |                   | DPS                 | 1                |
| M-53B          | 2003 Western 8' Plow |                   | DPS                 | 5                |
| M-54           | 2003 Ford F550 Dump  | 1FDAF57P13EB49331 | DPS                 | 4                |
| M-54A          | 2003 Monroe Spreader |                   | DPS                 | 1                |
| M-54B          | 2003 Western 8' Plow |                   | DPS                 | 5                |
| M-55           | 2003 Ford F550 Dump  | 1FDAF57P13EB49330 | DPS                 | 4                |
| M-55A          | 2003 Monroe Spreader |                   | DPS                 | 2                |
| M-55B          | 2003 Western 8' Plow |                   | DPS                 | 3                |

2014 City of Lincoln Park Vehicle/Equipment List

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|----------------|------------------------|--------------------|---------------------|------------------|
| M-56           | 2006 F350 Dump         | 1FDWFF37Y56EC37211 | DPS                 | 6                |
| M-56A          | 2006 Tailgate Spreader |                    | DPS                 | 4                |
| M-56B          | 2006 Western 8" Plow   |                    | DPS                 | 5                |
| M-57           | 2009 F550 Dump         | 1FDAF57RXFA21244   | DPS-Water           | 6                |
| M-61           | 1982 Ford L8000        | 1FDXK80U4CV21317   | DPS                 | 2                |
| M-63           | 2009 Ford F750         | 3FRXF75P99V155665  | DPS                 | 7                |
| M-63           | 1983 Ford L8000        | 1FDXK80V0VA15290   | DPS                 | 2                |
| M-64           | 2009 Ford F750         | 3FRXF75P99V155664  | DPS                 | 7                |
| M-65           | 2006 Sterling Dump     | 2FZAAWDC56AX19446  | DPS                 | 5                |
| M-65A          | 2006 Spreader          |                    | DPS                 | 4                |
| M-65B          | 1994 Monroe 9' Plow    |                    | DPS                 | 4                |
| M-66           | 1994 Ford L8000        | 1FDYK82E2RVA26860  | DPS                 | 3                |
| M-66A          | 1994 Monroe Spreader   |                    | DPS                 | 3                |

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|----------------|-----------------------------|-------------------|---------------------|------------------|
| M-66B          | 1994 Monroe 9' Plow         |                   | DPS                 | 4                |
| M-68           | 1994 Ford L8000             | 1FDYK82EXRVA26864 | DPS                 | 3                |
| M-68A          | 1994 Monroe Spreader        |                   | DPS                 | 3                |
| M-68B          | 1994 Monroe 9' Plow         |                   | DPS                 | 4                |
| M-69           | 2005 GMC 7500 Dump          | 1GDP8C1C95F504368 | DPS                 | 5                |
| M-69A          | 2005 Flink Spreader         |                   | DPS                 | 5                |
| M-69B          | 2005 Flink 10' Plow         |                   | DPS                 | 5                |
| M-69C          | 2005 Underbody Scraper      |                   | DPS                 | 2                |
| M-70           | 2006 Sterling Dump          | 2FZAAWDC36AX19445 | DPS                 | 5                |
| M-70A          | 2006 Spreader               |                   | DPS                 | 4                |
| M-70B          | 1994 Monroe 9' Plow         |                   | DPS                 | 4                |
| M-71           | 1975 Ford Flat Bed          | N61DVX06784       | DPS-Cement          | 2                |
| M-72           | 2003 Ford F750 Trash Loader | 3FDXF75R13MB03258 | DPS                 | 6                |



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|----------------|---------------------------------------|-------------------|---------------------|------------------|
| M-73           | Dump Truck                            | 3FDXF75RX1MA53425 | DPS-Water           | 5                |
| M-75           | 1983 Ford LN9000                      | 1FDYR90JDVA17732  | DPS                 | 3                |
| M-76           | 1994 Ford LT9000 Semi                 | 1FTYU90R0RVA28603 | DPS                 | 3                |
| M-76A          | 2000 Benson 28' Trailer               | 1NUDT38G7YMSS0872 | DPS-MP              | 4                |
| M-80           | 2012 Sterling Vactor                  | 1HTWCAZRSDH196083 | DPS-Sewer           | 7                |
| M-82           | 2004 Elgin Sweeper                    | P4262D            | DPS-Roads           | 5                |
| M-83           | 2004 Elgin Sweeper                    | P4264S            | DPS-Roads           | 5                |
| M-84           | 2004 Elgin Sweeper                    | P4263D            | DPS-Roads           | 5                |
| M-85           | 2004 Elgin Sweeper                    | P4265S            | DPS-Roads           | 4                |
| M-90           | 1970 Ford Farm Tractor                | C279761           | DPS                 | 3                |
| M-91           | 1971 Ford Farm Tractor                | C291292           | DPS                 | 3                |
| M-93           | 1994 Ford Enclosed Tractor            | BD61103           | DPS                 | 3                |
| M-95           | 1984 International S1900 Aerial Truck | 1HTLDUXN6EHA32492 | DPS                 | 3                |

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|----------------|------------------------------------|--------------------|---------------------|------------------|
| M-96           | 2000 Ford F750 Aerial Truck        | 3FDXF75H6YMA48336  | DPS                 | 5                |
| M-97A          | 1990 Holden Industrial Trailer     | 1211TD2825L0095296 | DPS                 | 2                |
| M-99           | 2007 Case Backhoe 590 Super M      |                    | DPS                 | 5                |
| M-99A          | 2001 Dynaweld Trailer              | 4V1G1AEX811040386  | DPS                 | 4                |
| M-101          | 2007 CAT Front End Loader          | 928H CXX 00282     | DPS                 | 5                |
| M-102          | 2001 Case Backhoe 590 Super M      | JJG0286824         | DPS                 | 4                |
| M-103          | 5x8 Enclosed Single Axle Trailer   | 2986               | CPW                 | 4                |
| M-104          | 2006 Wells Cargo Trailer 7x12 Dual | 1WC200E2961116316  | CPW                 | 4                |
| M-105          | 1999 Rayco Stumper                 |                    | DPS                 | 4                |
| M-108          | 2005 Vermeer Chipper BC1400        | 1VRU1614761003077  | DPS                 | 4                |
| M-109          | 1999 Bandit Chipper                | 14493              | DPS                 | 4                |
| M-112          | 1993 Sullair Compressor            | 004-111518         | DPS                 | 4                |
| M-112A         | #70 Jack Hammer                    | 96951              | DPS                 | 3                |

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|----------------|-----------------------------|------------------|---------------------|------------------|
| M-112B         | #90 Breaker                 | 1100             | DPS                 | 3                |
| M-125          | 2000 Cushion Cut Cement Saw | 40149            | DPS                 | 4                |
| M-127          | 1999 Concrete Mixer         | HA-752514        | DPS                 | 4                |
| M-129          | 1999 Concrete Mixer         | HA-752521        | DPS                 | 4                |
| M-130          | 1976 Miller Welder          | HG001301         | DPS                 | 4                |
| M-134          | 1993 Diez Arrowboard        | D00053           | DPS                 | 4                |
| M-135          | 1990 Diez Arrowboard        |                  | DPS                 | 4                |
| M-136          | 2000 Solar Arrowboard       |                  | DPS                 | 4                |
| M-137          | 2010 Solar Arrowboard       |                  | DPS                 | 5                |
| M-138          | 2010 Solar Arrowboard       |                  | DPS                 | 5                |
| M-140          | 2001 CAT GP25 Fork Lift     | AT17G12531       | DPS                 | 4                |
| M-142          | 1974 Fiat Grader            | 75Y01661         | DPS                 | 4                |
| M-145          | T-450 Asphalt Power Box     | PBP88E3662       | DPS                 | 5                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                         | Vin/Serial/Plate  | Assigned or Located | Condition (1-10) |
|----------------|-------------------------------------|-------------------|---------------------|------------------|
| M-145A         | Asphalt Trailer                     | 1JKPBS200JA070114 | DPS                 | 5                |
| M-146          | 1995 Portable Asphalt Washer        | 59501148          | DPS                 | 5                |
| M-146A         | Trailer                             | LCAUS0416VTZ78446 | DPS                 | 5                |
| M-148          | 2006 CAT Roller CB-224E             |                   | DPS                 | 5                |
| M-155          | 2002 ODB Leaf Collector             | 3333              | DPS                 | 3                |
| M-157          | 1998 Graco Line Lazer               |                   | DPS                 | 5                |
| M-167          | 1997 Hustler w/Broom                | 6060433           | DPS                 | 4                |
| M-262          | Olathe Lawn Sweeper                 |                   | DPS                 | 2                |
| C-102          | 1997 Olympia Ice Resurfacer         | RC9705707         |                     | 5                |
| F-451          | 1998 Sutphen Rescue Pumper          | 1S9A1BLD7W1003094 | FD                  | 5                |
| F-452          | 2002 Sutphen Rescue Pumper          | 1S9A1BLD031002076 | FD                  | 5                |
| F-461          | 2013 Smeal Aerial Ladder Fire Truck | 4S7AV2E92DC076394 | FD                  | 9                |
| F-471          | 2005 GMC Yukon XI Rescue            | 3GKGK26U85G280854 | FD                  | 7                |

2014 City of Lincoln Park Vehicle/Equipment List

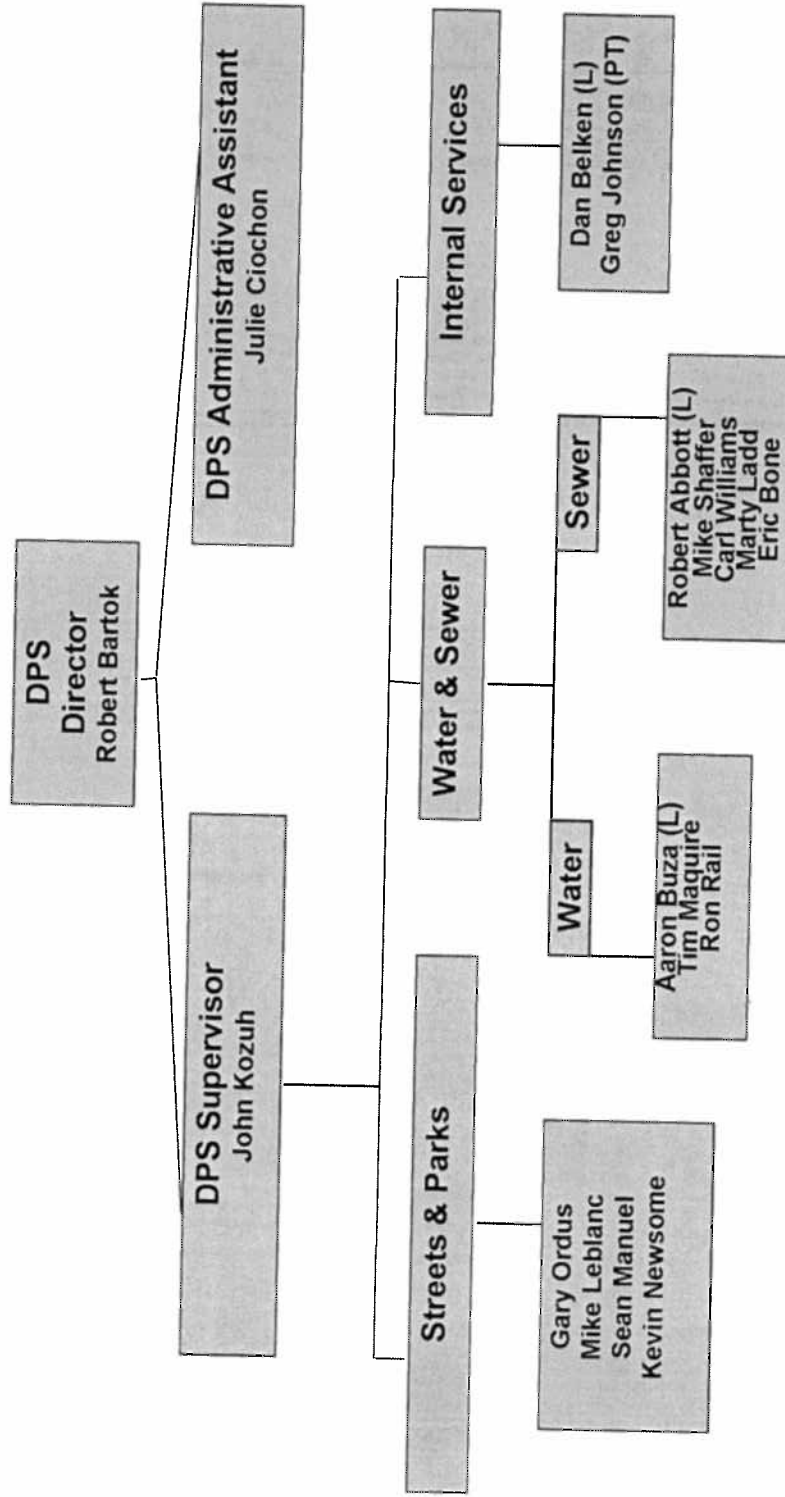
| Vehicle Number | Description                 | Vin/Serial/Plate             | Assigned or Located | Condition (1-10) |
|----------------|-----------------------------|------------------------------|---------------------|------------------|
| F-472          | 1999 McCoy Miller Ambulance | 1FDXE40F7XHA40823            | FD                  | 6                |
| F-473          | 2002 Club Car Carryall      | NG0242-215814                | FD                  | 5                |
| F-481          | 2002 Ford Windstar          | 2FMZA51452BA96921            | FD                  | 4                |
| F-491          | 2002 Ford Windstar          | 2FNZA51472BA96922            | FD                  | 4                |
| F-492          | 2006 Ford F250 Pickup       | 1FTSW21576EB82479            | FD                  | 8                |
| 4-1            | 2001 Ford F150              | 1FTRX17WX1NB94981<br>036X349 | PD                  | 3                |
| 4-2            | 2011 Crown Victoria         | 2FABP7BV4BX169048<br>036X337 | PD                  | 5                |
| 4-3            | 2011 Ford Interceptor       | 2FABP7BV8BX148302<br>036X396 | PD                  | 8                |
| 4-4            | 2010 Ford Crown Victoria V8 | 2FABP7BV3AX123404<br>036X375 | PD                  | 5                |
| 4-6            | 2009 Ford Crown Victoria    | 2FAHP71V79X112977<br>036X314 | PD                  | 4                |
| M-5            | 2008 Ford Crown Victoria    | 2FAFP71V68X130358            | PD                  | 3                |
| 4-10           | 2008 Ford Crown Victoria    | 2FAFP71V18X128923<br>036X332 | PD                  | 4                |
| 4-11           | 2010 Ford Crown Victoria V8 | 2FABP7BVXAX123402<br>036X323 | PD                  | 4                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                          | Vin/Serial/Plate             | Assigned or Located | Condition (1-10) |
|----------------|--------------------------------------|------------------------------|---------------------|------------------|
| 4-11A          | 1982 Plymouth Fury<br>"Radio Active" | 2P3BB26N1CR123592<br>93X859  | PD                  | 5                |
| 4-12           | 2008 Ford Crown Victoria             | 2FAFP71V48X126390<br>036X384 | PD                  | 4                |
| 4-13           | 2011 Ford Crown Victoria             | 2FABP7BV0BX169046<br>036X358 | PD                  | 8                |
| 4-14           | 2010 Ford Crown Victoria V8          | 2FABP7BV8AX123401<br>036X328 | PD                  | 7                |
| 4-15           | 2010 Ford Crown Victoria V8          | 2FABP7BV1AX123403<br>036X387 | PD                  | 5                |
| 4-16           | 2009 Ford Crown Victoria             | 2FAHP71V99X112978<br>036X377 | PD                  | 4                |
| 4-17           | 2004 Ford Crown Victoria             | 2FAFP71W34X129384            | PD                  | 5                |
| 4-18           | 2003 Ford Crown Victoria             | 2FAFP71W33X107010            | PD                  | 4                |
| 4-22           | 2005 Ford Crown Victoria             | 2FAFP71W35X178128<br>036X341 | PD                  | 3                |
| 4-24           | 2011 Ford Crown Victoria             | 2FABP7BY9BX169045<br>036X338 | PD                  | 5                |
| 4-25           | 2008 Ford Crown Victoria             | 2FAFP71V48X130357<br>036X343 | PD                  | 5                |
| 4-31           | 2001 Ford F150 Pickup                | 1FTRX17W11NB94982            | PD-Ordinance        | 3                |
| 4-9            | 2014 Dodge Charger                   | 2C3CDXAT9EH212390            | PD                  | 10               |

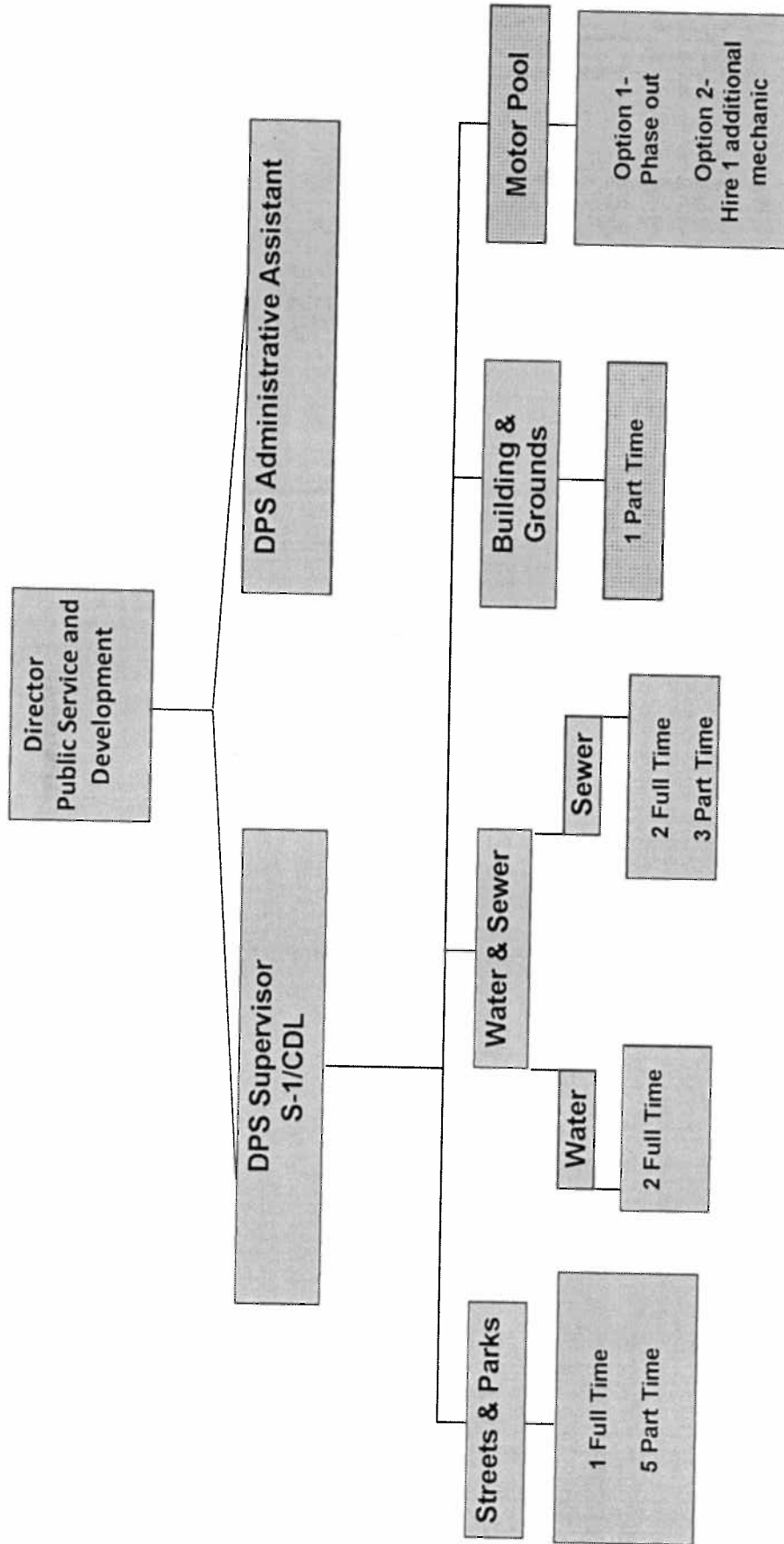
[illegible]

## Current Structure

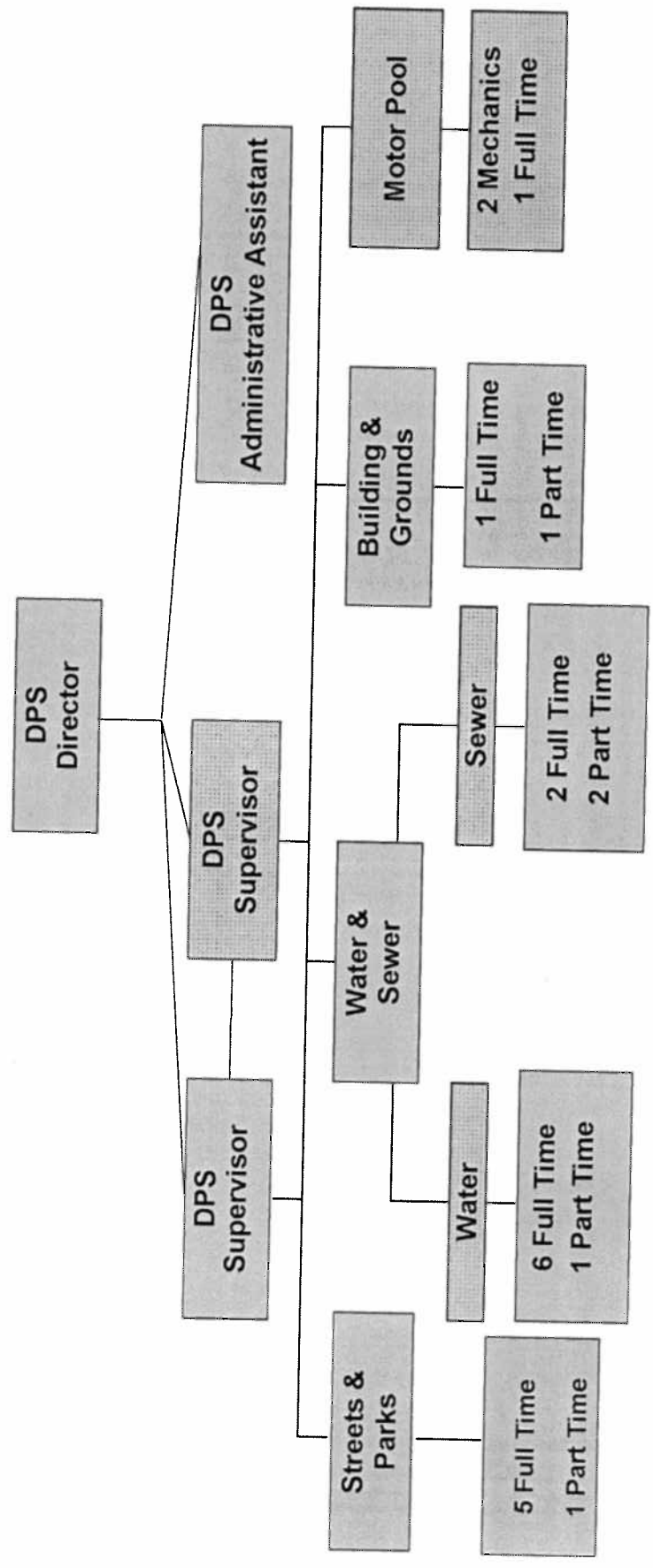




# Proposed Structure for Contracting Out Public Service Department



# Proposed Rebuilding of Public Service Department



### Fire Department

Mark Hendricks    1 Chief  
                         1 Deputy Chief  
                         1 Secretary  
                         2 Captains  
                         2 Inspectors  
                         4 Lieutenants  
                         6 Sergeants  
                         2 Sgt. Engineers  
                         10 Engineers  
                         8 Fire Fighters  
Total Staff                37  
Budget Revenue    \$        4,400.00  
Budget Expense    \$    4,254,800.00

### Parks & Recreation

Donald Cook        1 Director  
                         1 Ass't Director  
                         1 Secretary  
                         2 Maintenance  
                         1 Senior Director  
Total Staff                6  
Budget Revenue    \$        572,210.00  
Budget Expense    \$    1,192,525.00  
includes Senior, CC, Recreation

### Dept of Public Services

Robert Torck        1 Superintendent  
                         4 Foremen  
                         1 Secretary  
                         1 Account Clerk  
                         3 Maintenance  
                         1 Semi Driver  
                         1 Admin. Clerk  
                         1 Cribman  
                         6 Truck Drivers  
                         12 Laborers  
                         4 Equip Operators  
                         2 Aerial Drivers  
                         1 Cement Crew Ldr  
                         3 CC Laborers  
                         3 Diesel Mechanics  
                         1 Welder/Fabricator  
                         1 Serviceman  
                         1 Repairman  
                         2 Meter Readers  
                         1 Working Leader  
                         1 Retention Basin Mgr  
Total Staff                51  
Budget  
DPS Revenue        \$        197,500.00  
DPS Expense        \$    1,961,065.00  
MVHF Revenue       \$    2,846,024.00  
MVHF Expense       \$    2,536,600.00  
Motor Pool Revenu   \$        945,000.00  
Motor Pool Expens   \$        (12,755.00)  
Water Revenue       \$    58,922,600.00  
Water Expense       \$    6,864,567.00

INSURED  
4 MONTHS  
OLD

# MICHIGAN MUNICIPAL LEAGUE LIABILITY AND PROPERTY POOL Automobile Schedule for the City of Lincoln Park as of 3/18/2014

City Of Lincoln Park  
1355 Southfield Rd.  
Lincoln Park, MI 48146

Policy #: MML001189128

Effective From: 8/29/2013 to 8/29/2014

Michigan Municipal League Liability  
and Property Pool  
PO Box 2054  
Southfield, MI 48037-2054

| VEH | INSD# | YEAR | MAKE/MODEL/BODY TYPE                                         | VIN                                           |
|-----|-------|------|--------------------------------------------------------------|-----------------------------------------------|
| ✓1  | 411A  | 1982 | Plymouth/Fury<br>Dept: Police                                | 3592<br>Actual Cash Value                     |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓2  | M-71  | 1975 | Ford/Flat Bed<br>Dept:                                       | 6784<br>Actual Cash Value                     |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓3  | M-61  | 1982 | Ford/L8000 Dump Truck<br>Dept: Dpw                           | 1317<br>Actual Cash Value                     |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓4  | M-75  | 1983 | Ford/Dump Truck<br>Dept:                                     | VA17732<br>Actual Cash Value                  |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓5  | M-95  | 1984 | Int'l/Model S1900 Aerial Truck<br>Dept: Dpw                  | 1HTLDUXN6EHA32492<br>Actual Cash Value        |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓6  | M-66  | 1994 | Ford/Dump Truck W/ Attachments<br>Dept: Dpw                  | 26860<br>Actual Cash Value                    |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓7  | M-68  | 1994 | Ford/Dump Truck W/ Attachments<br>Dept: Dpw                  | 26864<br>Actual Cash Value                    |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓8  | M-76  | 1994 | Ford/Semi Tractor W/ Trailer<br>Dept:                        | 28603<br>Actual Cash Value                    |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓9  | M-93  | 1994 | Ford/Tractor W/ Cab<br>Dept:                                 | BD61103<br>Actual Cash Value                  |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓10 | CPW1  | 1996 | Cargo/Express Trailer<br>Dept: Police                        | 2986<br>Actual Cash Value                     |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓11 | M-49  | 1990 | Ford/Econoline<br>Dept:                                      | 1FDKE37G6LHB63512<br>Actual Cash Value        |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓12 | M-146 | 1997 | Power washer on trailer<br>Long Chh/Utility Trailer<br>Dept: | LCAUS0416VT278446<br>Actual Cash Value        |
|     |       |      | Comp Deduct: NO COV                                          |                                               |
|     |       |      | Coll Deduct: NO COV                                          |                                               |
| ✓13 | F-451 | 1998 | Sutphen/Model 2000 Rescue Pumper<br>Dept: Fire               | 1S9A1BLD7W1003094<br>Agreed Amount: \$344,760 |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓14 | M-28  | 1999 | Ford/Pick Up<br>Dept: Motor Pool                             | 1FTSF30F6XEA35846<br>Actual Cash Value        |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓15 | M-30  | 1999 | Ford/Pick Up<br>Dept: Motor Pool                             | 1FTSF30F8XEA35847<br>Actual Cash Value        |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |
| ✓16 | M-31  | 1999 | Ford/Pick Up<br>Dept: Motor Pool                             | 1FTSF30FXXEA35848<br>Actual Cash Value        |
|     |       |      | Comp Deduct: \$250                                           |                                               |
|     |       |      | Coll Deduct: \$1,000                                         |                                               |

**MICHIGAN MUNICIPAL LEAGUE LIABILITY AND PROPERTY POOL**  
**Automobile Schedule for the City of Lincoln Park**  
**as of 3/18/2014**

City Of Lincoln Park  
 1355 Southfield Rd.  
 Lincoln Park, MI 48146  
 Policy #: MML001189128  
 Effective From: 8/29/2013 to 8/29/2014

Michigan Municipal League Liability  
 and Property Pool  
 PO Box 2054  
 Southfield, MI 48037-2054

| VEH | INSD#                    | YEAR | MAKE/MODEL/BODY TYPE                             | VIN                                          |
|-----|--------------------------|------|--------------------------------------------------|----------------------------------------------|
| ✓17 | M97A<br>Dept:            | 1990 | Holden/Industrial Trailer<br>Comp Deduct: NO COV | 1211TD2825L0095296<br>Actual Cash Value      |
| 18  | LPHC<br>Dept:            | 1997 | Ford/Pick Up<br>Comp Deduct: \$250               | 1FTDF1725VNA90995<br>Actual Cash Value       |
| ✓19 | M-36<br>Dept:            | 1999 | Champion/Bus<br>Comp Deduct: \$250               | 1FBSS31L0XHA01663<br>Actual Cash Value       |
| ✓20 | F472<br>Dept: Fire       | 1999 | Mccoy/Miller Ambulance<br>Comp Deduct: \$250     | 1FDXE40F7XHA40823<br>Agreed Amount: \$99,960 |
| ✓21 | M-2<br>Dept: Motor Pool  | 1999 | Mercury/Sable<br>Comp Deduct: \$250              | 1583<br>Actual Cash Value                    |
| ✓22 | M-15<br>Dept: Motor Pool | 1999 | Mercury/Sable<br>Comp Deduct: \$250              | 9684<br>Actual Cash Value                    |
| ✓23 | M47<br>Dept: Motor Pool  | 2000 | Ford/Utility Van<br>Comp Deduct: \$250           | 3FDXF75HXMA24895<br>Actual Cash Value        |
| ✓24 | M-33<br>Dept: Motor Pool | 2000 | Ford/Ranger<br>Comp Deduct: \$250                | 5375<br>Actual Cash Value                    |
| ✓25 | M76A<br>Dept: Motor Pool | 2000 | Benson/Dump Truck<br>Comp Deduct: \$250          | 0872<br>Actual Cash Value                    |
| ✓26 | M43<br>Dept:             | 2001 | Ford/Cargo Van<br>Comp Deduct: \$250             | 1FTSS34F51HB37991<br>Actual Cash Value       |
| ✓27 | M73<br>Dept:             | 2001 | Ford/Dump Truck<br>Comp Deduct: \$250            | 3FDXF75RX1MA53425<br>Actual Cash Value       |
| ✓28 | 4-1<br>Dept:             | 2001 | Ford/F-150 Pick Up<br>Comp Deduct: \$250         | 1FTRX17WX1NB94981<br>Actual Cash Value       |
| ✓29 | 4-31<br>Dept:            | 2001 | Ford/F150 Pick Up<br>Comp Deduct: \$250          | 1FTRX17W11NB94982<br>Actual Cash Value       |
| ✓30 | F-481<br>Dept: Fire      | 2002 | Ford/Windstar<br>Comp Deduct: \$250              | 2FMZA51452BA96921<br>Actual Cash Value       |
| ✓31 | F-491<br>Dept: Fire      | 2002 | Ford/Windstar<br>Comp Deduct: \$250              | 2FMZA51472BA96922<br>Actual Cash Value       |
| ✓32 | 4-8<br>Dept: Police      | 2002 | Ford/Expedition<br>Comp Deduct: \$250            | 1FMPU16L12LA96650<br>Actual Cash Value       |

**MICHIGAN MUNICIPAL LEAGUE LIABILITY AND PROPERTY POOL**  
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PO Box 2054  
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| VEH | INSD# | YEAR | MAKE/MODEL/BODY TYPE                                                       | VIN                                           |
|-----|-------|------|----------------------------------------------------------------------------|-----------------------------------------------|
| ✓33 | 4-18  | 2003 | Ford/Crown Victoria<br>Dept: Police<br>Comp Deduct: \$250                  | 2FAFP71W33X107010<br>Actual Cash Value        |
| ✓34 | M-51  | 2003 | Ford/Dump Truck, W/spreader & Plow<br>Dept:<br>Comp Deduct: \$250          | 1FDAF57F03EA49339<br>Actual Cash Value        |
| ✓35 | M-52  | 2003 | Ford/Dump Truck, W/spreader & Plow<br>Dept:<br>Comp Deduct: \$250          | 1FDAF57F03EA49340<br>Actual Cash Value        |
| ✓36 | M-53  | 2003 | Ford/Dump Truck, W/spreader & Plow<br>Dept:<br>Comp Deduct: \$250          | 1FDAF57F03EA49337<br>Actual Cash Value        |
| ✓37 | M-72  | 2003 | Ford/Petersen Trash Loader<br>Dept: Dpw<br>Comp Deduct: \$250              | 3FDXF75R13MB03258<br>Actual Cash Value        |
| ✓38 | M-54  | 2003 | Ford/F550 Dump Truck, W/spreader & Plow<br>Dept: Dpw<br>Comp Deduct: \$250 | 1FDAF57P13EB49331<br>Actual Cash Value        |
| ✓39 | M-55  | 2003 | Ford/F550 Dump Truck, W/spreader & Plow<br>Dept: Dpw<br>Comp Deduct: \$250 | 1FDAF57PX3EB49330<br>Actual Cash Value        |
| ✓40 | F-452 | 2002 | Sutphen/Custom Pumper<br>Dept: Fire<br>Comp Deduct: \$250                  | 1S9A1BLD031002076<br>Agreed Amount: \$392,012 |
| ✓41 | M-96  | 2000 | Ford/Aerial Model Xitruck<br>Dept: Dpw<br>Comp Deduct: \$250               | 3FDXF75H6YMA48336<br>Actual Cash Value        |
| ✓42 | M-38  | 2004 | Ford/E450 20-passenger Bus<br>Dept:<br>Comp Deduct: \$250                  | 1FDXE45F32HB28303<br>Actual Cash Value        |
| ✓43 | 4-17  | 2004 | Ford/Crown Victoria<br>Dept: Police<br>Comp Deduct: \$250                  | 2FAFP71W34X129834<br>Actual Cash Value        |
| ✓44 | M-40  | 2004 | Ford/Cargo Van E250<br>Dept:<br>Comp Deduct: \$250                         | 1FTNS24W14HB40639<br>Actual Cash Value        |
| ✓45 | M-26  | 2004 | Ford/F250 Pick Up<br>Dept:<br>Comp Deduct: \$250                           | 1FTNF20LX4EC79010<br>Actual Cash Value        |
| ✓46 | M-27  | 2004 | Ford/F250 Pick Up<br>Dept:<br>Comp Deduct: \$250                           | 1FTNF20L34EC79012<br>Actual Cash Value        |
| ✓47 | M-35  | 2004 | Ford/F250 Pick Up<br>Dept:<br>Comp Deduct: \$250                           | 1FTNF20L14EC79011<br>Actual Cash Value        |
| ✓48 | F-471 | 2005 | Gmc/Yukon Xl<br>Dept: Fire<br>Comp Deduct: \$250                           | 3GKGK26U85G280854<br>Actual Cash Value        |

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| VEH | INSD#                | YEAR | MAKE/MODEL/BODY TYPE                                         | VIN                                    |
|-----|----------------------|------|--------------------------------------------------------------|----------------------------------------|
| ✓49 | M-69<br>Dept:        | 2005 | Gmc/Dump Truck, W/spreader & Plow<br>Comp Deduct: \$250      | 1GDP8C1C95F504368<br>Actual Cash Value |
| ✓50 | 4-22<br>Dept: Police | 2006 | Ford/Crown Victoria<br>Comp Deduct: \$250                    | 2FAFP71W35X178128<br>Actual Cash Value |
| ✓51 | F-492<br>Dept: Fire  | 2006 | Ford/F-250<br>Comp Deduct: \$250                             | 1FTSW21576EB82479<br>Actual Cash Value |
| ✓52 | M-56<br>Dept: Dpw    | 2006 | Ford/Dump Truck<br>Comp Deduct: \$250                        | 1FDWF37Y56EC37211<br>Actual Cash Value |
| ✓53 | M-25<br>Dept: Dpw    | 2006 | Ford/F250 Pick Up<br>Comp Deduct: \$250                      | 1FTNF21566EC37212<br>Actual Cash Value |
| ✓54 | M-108<br>Dept: Dpw   | 2006 | Vermeer/Brush Chipper<br>Comp Deduct: \$250                  | 1VRU1614761003077<br>Actual Cash Value |
| ✓55 | M-6<br>Dept: Police  | 2005 | Ford/Crown Victoria<br>Comp Deduct: \$250                    | 2FAFP71W15X178127<br>Actual Cash Value |
| ✓56 | M-70<br>Dept: Dpw    | 2006 | Sterling/Dump Truck, W/spreader & Plow<br>Comp Deduct: \$250 | 2FZAAWDC36AX19445<br>Actual Cash Value |
| ✓57 | M-65<br>Dept: Dpw    | 2006 | Sterling/Dump Truck, W/spreader & Plow<br>Comp Deduct: \$250 | 2FZAAWDC56AX19446<br>Actual Cash Value |
| ✓58 |                      | 2005 | Ford/500<br>Dept: Police/db Comp Deduct: \$250               | 1FAFP24115G119667<br>Actual Cash Value |
| ✓59 |                      | 2005 | Ford/Taurus<br>Dept: Police/db Comp Deduct: \$250            | 1FAFP53265A148242<br>Actual Cash Value |
| ✓60 | M-48<br>Dept: Smart  | 2005 | Ford/E450<br>Comp Deduct: \$250                              | 1FDXE45P66829959<br>Actual Cash Value  |
| ✓61 | 4-12<br>Dept: Police | 2008 | Ford/Crown Victoria<br>Comp Deduct: \$250                    | 2FAFP71V48X126390<br>Actual Cash Value |
| ✓62 | 4-10<br>Dept: Police | 2008 | Ford/Crown Victoria<br>Comp Deduct: \$250                    | 2FAFP71V18X128923<br>Actual Cash Value |
| ✓63 |                      | 2006 | Ford/Explorer<br>Dept: Police/db Comp Deduct: \$250          | 1FMEU73E46UB59658<br>Actual Cash Value |
| ✓64 |                      | 2006 | Ford/500<br>Dept: Police Comp Deduct: \$250                  | 1FAFP24176G141769<br>Actual Cash Value |

Prepared by Meadowbrook Insurance Group

**MICHIGAN MUNICIPAL LEAGUE LIABILITY AND PROPERTY POOL**  
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Michigan Municipal League Liability  
 and Property Pool  
 PO Box 2054  
 Southfield, MI 48037-2054

| VEH | INSD# | YEAR | MAKE/MODEL/BODY TYPE                                                                             | VIN                                    |
|-----|-------|------|--------------------------------------------------------------------------------------------------|----------------------------------------|
| ✓65 | 4-6   | 2009 | Ford/Crown Victoria<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                | 2FAHP71V79X112977<br>Actual Cash Value |
| ✓66 | 4-16  | 2009 | Ford/Crown Victoria<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                | 2FAHP71V99X112978<br>Actual Cash Value |
| ✓67 | M-57  | 2009 | Ford/550 Dump Truck<br>Dept: Dpw<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                   | 1FDAF57RX9EA21244<br>Actual Cash Value |
| ✓68 | M-63  | 2009 | Ford/Dump Truck<br>Dept: Dpw<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                       | 3FRXF75P99V155665<br>Actual Cash Value |
| ✓69 | M-64  | 2009 | Ford/Dump Truck<br>Dept: Dpw<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                       | 3FRXF75P79V155664<br>Actual Cash Value |
| ✓70 | M-44  | 2007 | Ford/Ford E250 Cargo Van<br>Dept: Dpw<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000              | 1FTNS24L07DB19895<br>Actual Cash Value |
| ✓71 | M-45  | 2007 | Ford/E250 Cargo Van<br>Dept: Dpw<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                   | 1FTNS24L27DB19896<br>Actual Cash Value |
| ✓72 |       | 2006 | Ford/Freestyle Wagon<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000               | 1FMZK02116GA18185<br>Actual Cash Value |
| 73  |       | 2010 | Gmc/Canyon W/plow & Spreader<br>Dept: Housing Comm<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000 | 1GTJTCDE1A8107872<br>Actual Cash Value |
| ✓74 | 4-25  | 2008 | Ford/Crown Victoria<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                | 2FAFP71V48X130357<br>Actual Cash Value |
| ✓75 | 4-4   | 2010 | Ford/V8<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                            | 2FABP7BV3AX123404<br>Actual Cash Value |
| ✓76 | 4-14  | 2010 | Ford/V8<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                            | 2FABP7BV8AX123401<br>Actual Cash Value |
| ✓77 | 4-11  | 2010 | Ford/V8<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                            | 2FABP7BVXAX123402<br>Actual Cash Value |
| ✓78 | 4-15  | 2010 | Ford/V8<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                            | 2FABP7BV1AX123403<br>Actual Cash Value |
| ✓79 | M-46  | 2009 | Gmc/Savana<br>Dept: Dda<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                            | 1GDHG31K391139431<br>Actual Cash Value |
| ✓80 | 4-24  | 2011 | Ford/Crown Victoria<br>Dept: Police<br>Comp Deduct: \$250<br>Coll Deduct: \$1,000                | 2FABP7BV9BX169045<br>Actual Cash Value |



# MICHIGAN MUNICIPAL LEAGUE LIABILITY AND PROPERTY POOL

## Automobile Schedule for the City of Lincoln Park

as of 3/18/2014

City Of Lincoln Park  
1355 Southfield Rd.  
Lincoln Park, MI 48146  
Policy #: MML001189128  
Effective From: 8/29/2013 to 8/29/2014

Michigan Municipal League Liability  
and Property Pool  
PO Box 2054  
Southfield, MI 48037-2054

| VEH | INSD#           | YEAR | MAKE/MODEL/BODY TYPE                  | VIN                      |
|-----|-----------------|------|---------------------------------------|--------------------------|
| ✓81 | 4-13            | 2011 | Ford/Crown Victoria                   | 2FABP7BV0BX169046        |
|     | Dept: Police    |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓83 | 4-2             | 2011 | Ford/Crown Victoria                   | 2FABP7BV4BX169048        |
|     | Dept: Police    |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| 84  | m-39            | 2000 | Ford/Econoline Van                    | 1FMRE1126YHB75442        |
|     | Dept: Court     |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓85 | 102             | 2012 | American/Trailer                      | 1A9UL08S7C1668072        |
|     | Dept: Court     |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓86 |                 | 2012 | Ford/Taurus                           | 1FAHP2DWXCG122021        |
|     | Dept: Police/db |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓87 |                 | 2013 | Ford/Taurus                           | 1FAHP2D80DG112178        |
|     | Dept: Police/db |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓88 |                 | 2012 | Dodge/Grand Caravan                   | 2C4RD6B4CR322536         |
|     | Dept: Police/db |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓89 |                 | 2012 | Dodge/Charger                         | 2C3CDXB68CN241684        |
|     | Dept: Police/db |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓90 | 4-3             | 2011 | Ford/Interceptor                      | 2FABP7BV8BX148302        |
|     | Dept: Police    |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓91 | M-80            | 2012 | Sterling/Vactor                       | 1HTWCAZR5DH196083        |
|     | Dept: Dpw       |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓92 |                 | 2002 | Ford/Van                              | 2FMZA51412BA25294        |
|     | Dept: Police/db |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓93 |                 | 2006 | Wells/Cargo Trailer                   | 1WC200E2961116316        |
|     | Dept: Cpw       |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓94 | 4-7             | 2008 | Ford/Crown Victoria                   | 2FAFP71V68X130358        |
|     | Dept: Police    |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓95 |                 | 2013 | Smeal/Aerial Ladder Fire Truck        | 4S7AV2E92DC076394        |
|     | Dept: Fire      |      | Comp Deduct: \$250                    | Agreed Amount: \$774,161 |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| 96  |                 | 2004 | Ford/Econoline Wagon (NO longer have) | 1FBSS1L64HA90165         |
|     | Dept:           |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |
| ✓97 |                 | 2014 | Dodge/Charger                         | 2C3CDXAT9EH212390        |
|     | Dept: Police    |      | Comp Deduct: \$250                    | Actual Cash Value        |
|     |                 |      | Coll Deduct: \$1,000                  |                          |

**MICHIGAN MUNICIPAL LEAGUE LIABILITY AND PROPERTY POOL**  
**Automobile Schedule for the City of Lincoln Park**  
**as of 3/18/2014**

City Of Lincoln Park  
 1355 Southfield Rd.  
 Lincoln Park, MI 48146

Policy #: MML001189128  
 Effective From: 8/29/2013 to 8/29/2014

Michigan Municipal League Liability  
 and Property Pool  
 PO Box 2054  
 Southfield, MI 48037-2054

| VEH | INSD#        | YEAR | MAKE/MODEL/BODY TYPE | VIN               |
|-----|--------------|------|----------------------|-------------------|
| 98  |              | 2014 | Dodge/Charger        | 2C3CDXAT0EH212391 |
|     | Dept: Police |      | Comp Deduct: \$250   | Actual Cash Value |
|     |              |      | Coll Deduct: \$1,000 |                   |
| 99  |              | 2014 | Dodge/Charger        | 2C3CDXAT2EH212392 |
|     | Dept: Police |      | Comp Deduct: \$250   | Actual Cash Value |
|     |              |      | Coll Deduct: \$1,000 |                   |
| 100 |              | 2014 | Chevy/Tahoe          | 1GNLC2E06ER181804 |
|     | Dept: Police |      | Comp Deduct: \$250   | Actual Cash Value |
|     |              |      | Coll Deduct: \$1,000 |                   |

100 Vehicles

Vehicles/Equipment we have that are not on insurance list

4 MONTHS  
OLD

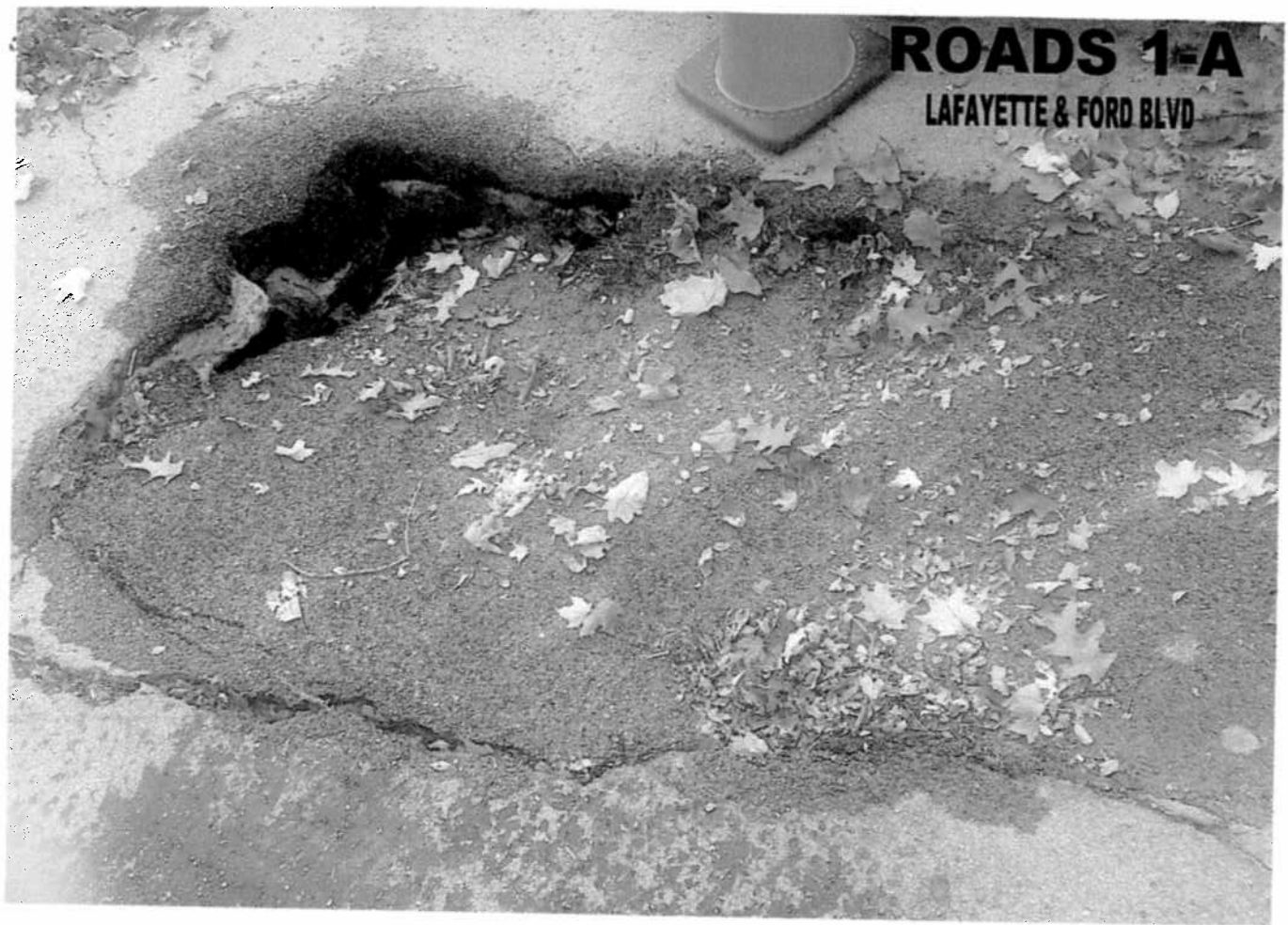
| Vehicle/Equip #     | Description                | Vin/Serial #          |
|---------------------|----------------------------|-----------------------|
| M-127               | 1999 Concrete Mixer        | HA-752514             |
| M-129               | 1999 Concrete Mixer        | HA-752521             |
| M-130               | 1976 Miller Welder         | HG001301              |
| M-134               | 1993 Diez Arrowboard       | D00053                |
| M-135               | 1990 Diez Arrowboard       |                       |
| M-136               | 2000 Solar Arrowboard      |                       |
| M-137               | 2010 Solar Arrowboard      |                       |
| M-138               | 2010 Solar Arrowboard      |                       |
| M-140               | 2001 CAT GP25 Fork Lift    | AT17B12531            |
| M-142               | 1974 Fiat Grader           | 75Y01661              |
| M-145               | Asphalt Power Box          | PBP88E3662            |
| M-145A              | Asphalt Trailer            | 1JKPBS200JA07011<br>4 |
| M-146               | 1995 Portable Power Washer | 59501148              |
| M-146A              | Trailer                    | LCAVS0416VTZ78<br>446 |
| M-148               | 2006 CAT Roller            | CB-224E               |
| M-155               | 2002 ODB Leaf Collector    | 3333                  |
| M-157               | Graco Line Lazer           |                       |
| M-167               | 1997 Hustler w/broom       | 6060433               |
| Vehicle/Equipment # | Description                | Vin/Serial #          |

Vehicles/Equipment we have that are not on insurance list

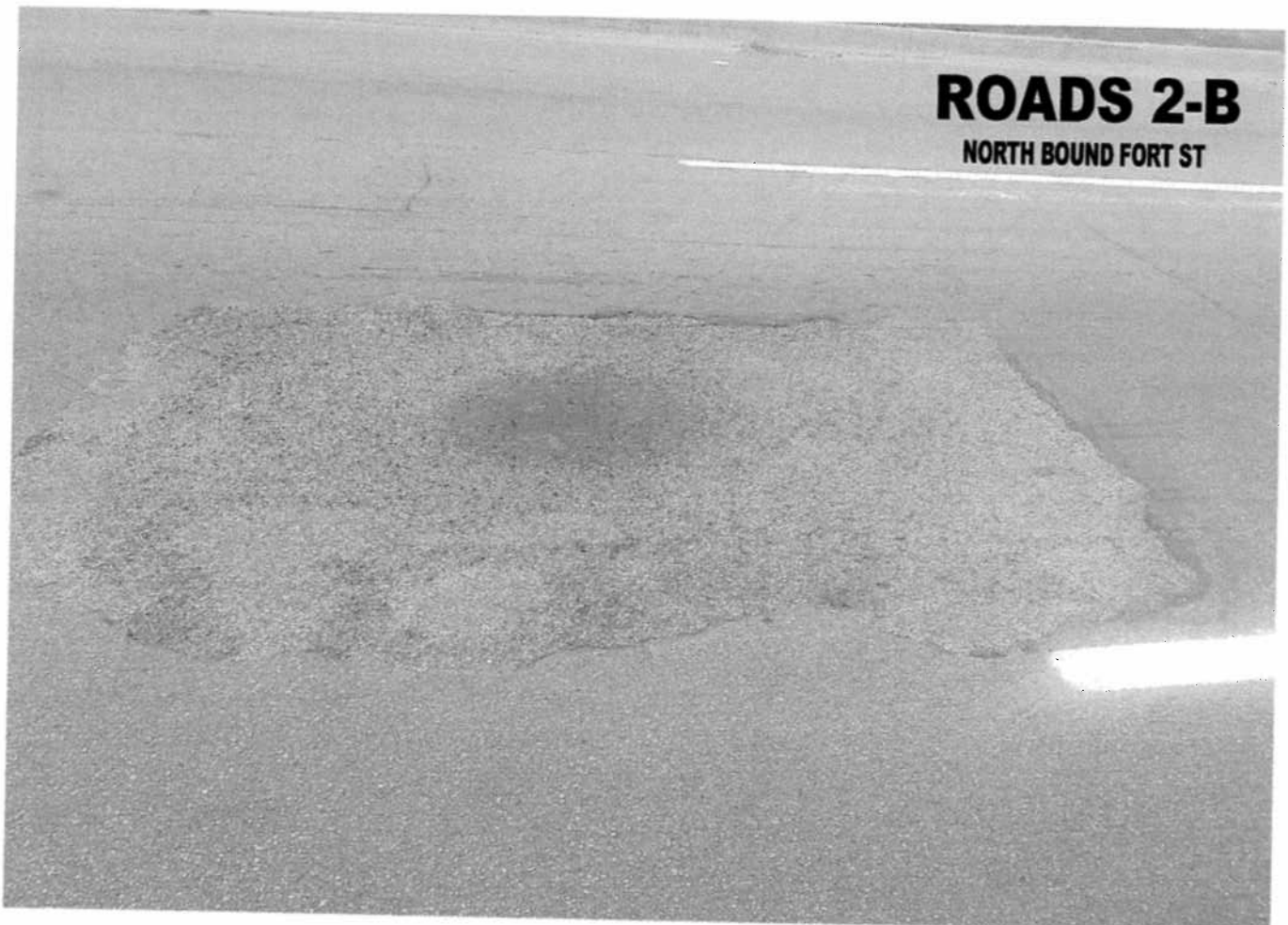
|                     |                            |                       |
|---------------------|----------------------------|-----------------------|
| M-262               | Olathe Lawn Sweeper        |                       |
| C-102               | Olympic Ice Resurfacer     | RC9705707             |
| F-473               | 2002 Club Carryall         | NG0242-215814         |
| M-57                | 2009 F-550 Dump            | 1FDAF57RXFA212<br>44  |
| M-112a              | #70 Jack Hammer            | 96951                 |
| M-112b              | #90 Breaker                | 1100                  |
| M-82                | 2004 Elgin Sweeper         | P4262D                |
| M-83                | 2004 Elgin Sweeper         | P4264S                |
| M-84                | 2004 Elgin Sweeper         | P4263D                |
| M-85                | 2004 Elgin Sweeper         | P4265S                |
| M-90                | 1970 Ford Farm Tractor     | C279761               |
| M-91                | 1971 Ford Farm Tractor     | C291292               |
| M-93                | 1994 Ford Enclosed Tractor | BD61103               |
| M-99                | 2007 Case Backhoe          |                       |
| M-99a               | 2001 Dynaweld Trailer      | 4U161AEX8110403<br>86 |
| M-101               | 2007 CAT Front End Loader  | 928H CXK 00282        |
| M-102               | 2001 Case Backhoe          |                       |
| M-105               | Rayco Stumper              |                       |
| Vehicle/Equipment # | Description                | Vin/Serial #          |
|                     |                            | 1VRV16476100307       |

Vehicles/Equipment we have that are not on insurance list

[illegible]



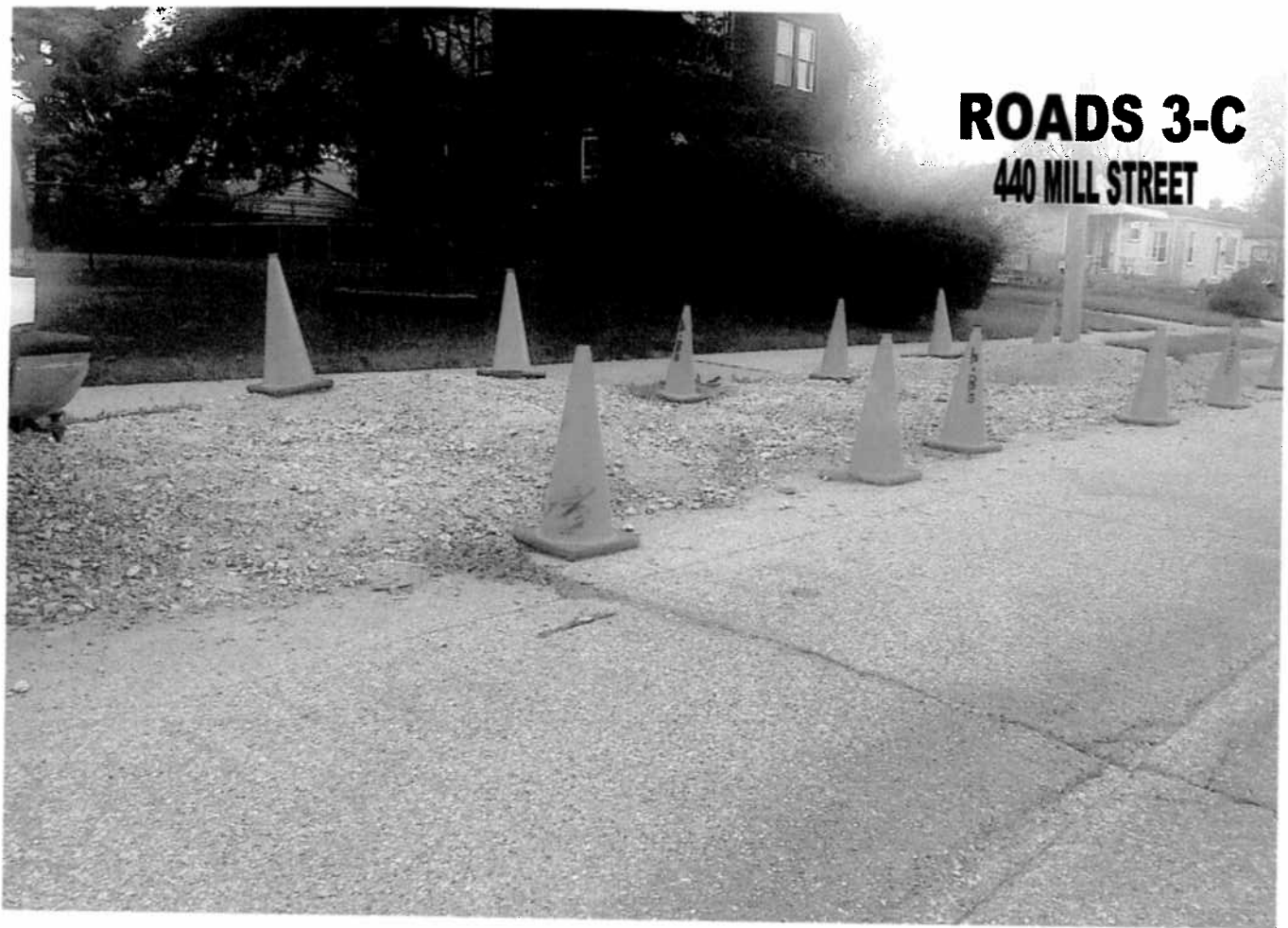
**ROADS 1-A**  
LAFAYETTE & FORD BLVD



**ROADS 2-B**  
NORTH BOUND FORT ST

# **ROADS 3-C**

**440 MILL STREET**

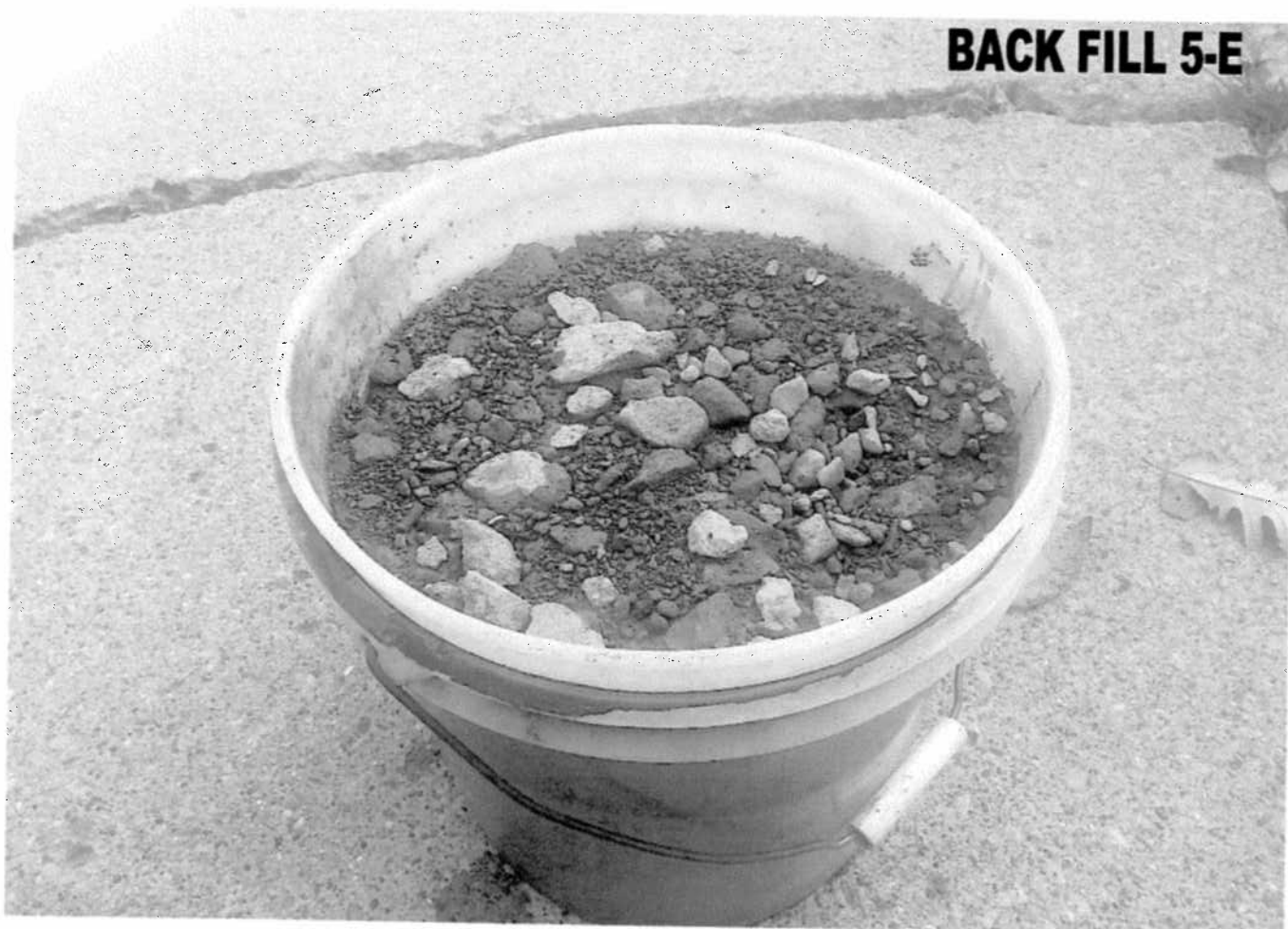




**BACK FILL 4-D**

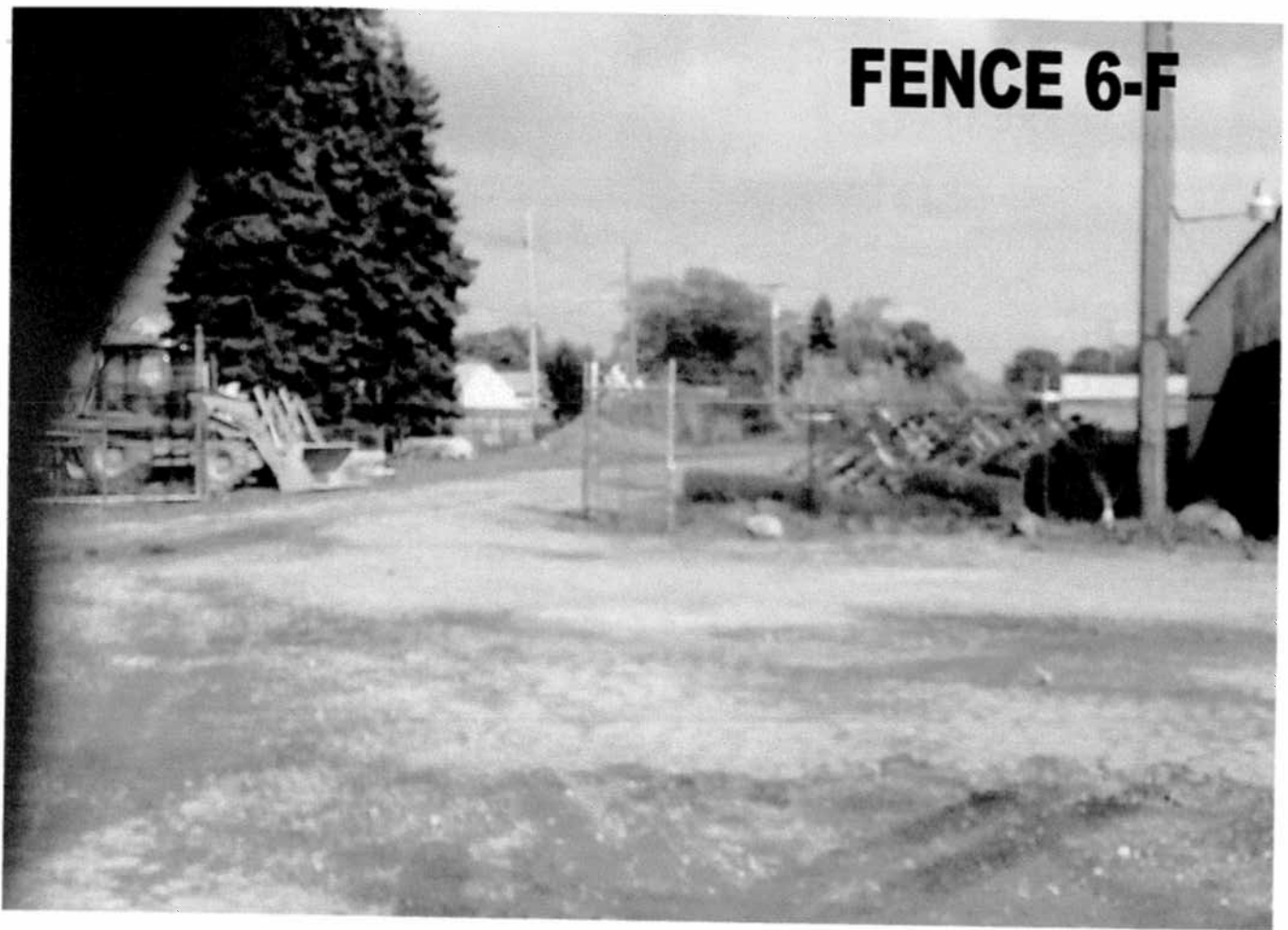


**BACK FILL 5-E**

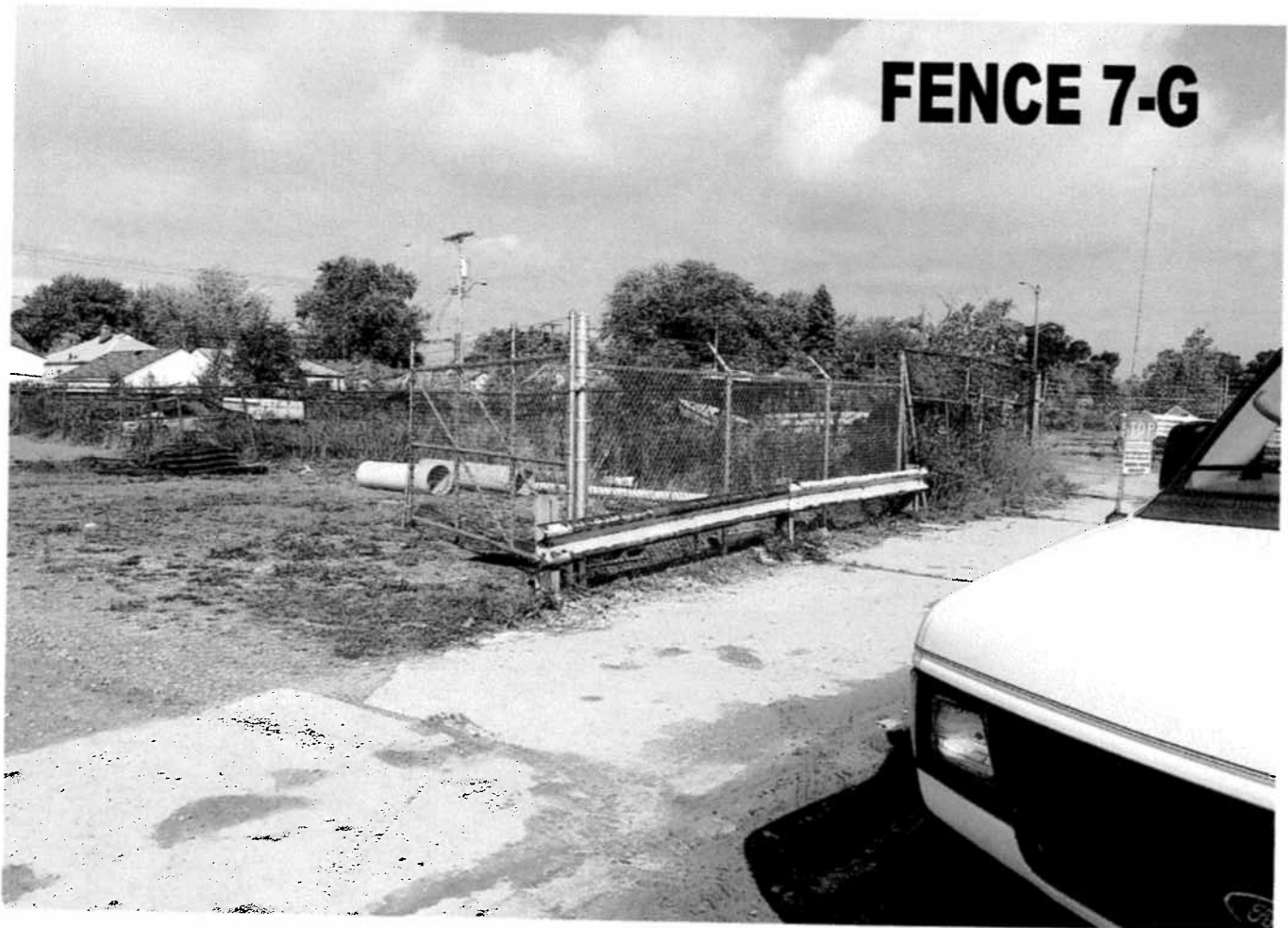




**FENCE 6-F**



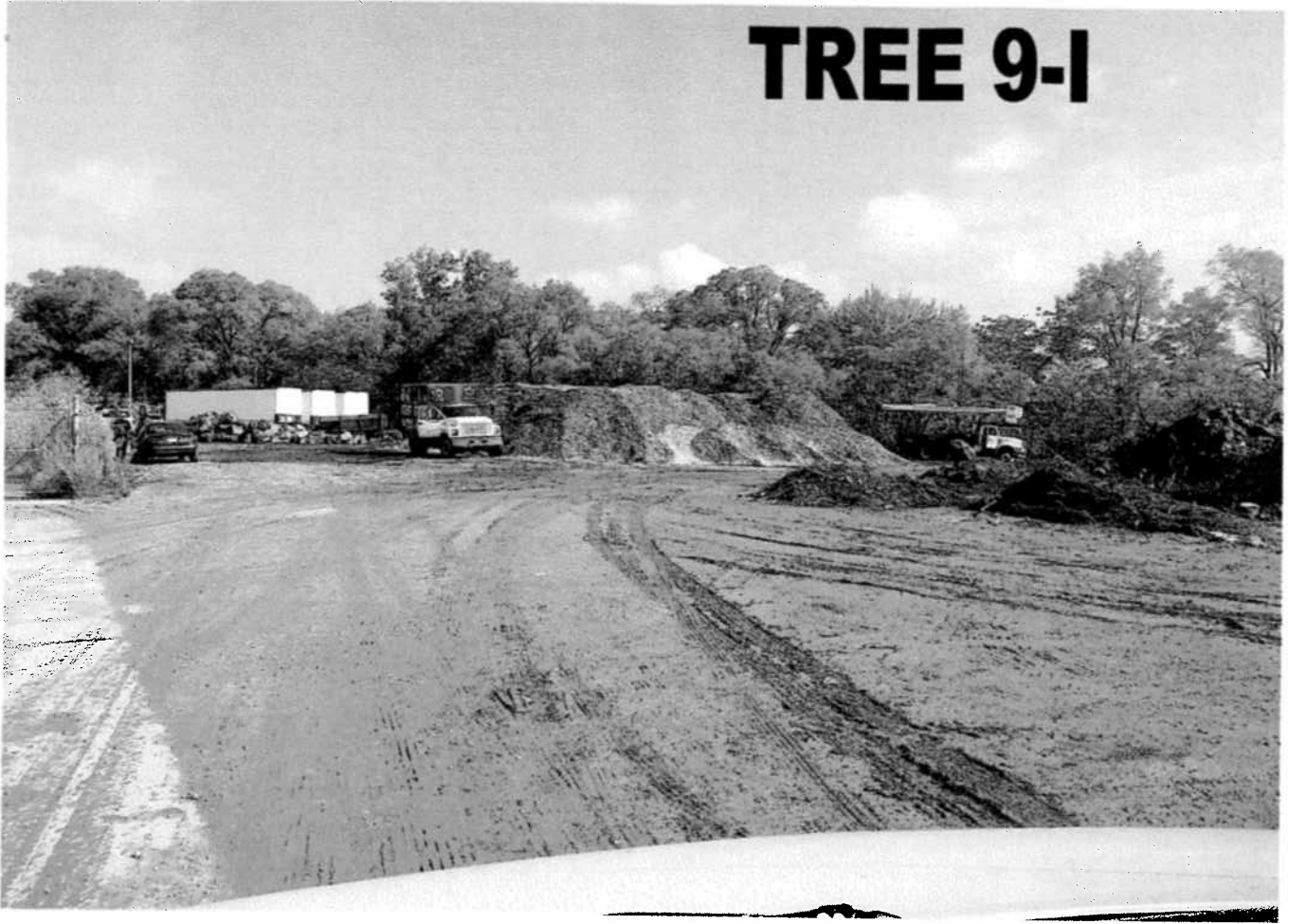
**FENCE 7-G**



# FENCE 8-H



# TREE 9-I





# **City of Lincoln Park**

## **Department of Police**

1427 Cleophus  
Lincoln Park, Michigan 48146  
313-381-1800

### **Electrical**

Circuit from the time clock to the shredder room is out, three plugs disabled; run from the original 1955 breaker panel in the jail.

Circuit between my (Patrol Lieutenant's) office and records has been down for two years, disabling two plugs; also from the breaker panel in the jail.

DPS was asked by Cygnus in January 2010 to install a circuit from the panel in the computer room to hook up the Uninterruptible Power Supply (UPS) for the servers. An electrician looked at the panel but the job has not been completed.

We are waiting to change copiers, the 220 line outside the Chief's office for the copier will likely have to be changed to a 110. This request has not yet been made, as of this date but will likely need to be completed soon.

Unable to control the temperature at the front desk

Unable to turn most lights on/off by switch (most operate by the breaker box only)

The light switch in the cage, in the Detective Bureau Garage, is broken and has been stuck in the on position

### **Ladies restroom (Outside Patrol Lieutenant's Office) Labor**

The sink drain from the small single employee restroom frequently clogs up, as does the kitchen sink drain – mold in the cabinet under the sink from the leak.

The water from the small single employee restroom sink is occasionally brown. It does run through a water heater installed under the sink.

While it is sometimes brownish, at least it is the only warm water in the east end of the (PD) building. Any of the other three sinks in the east wing require running the hot water for 15 minutes in order to get any warm delivered.

Seven ceiling tiles in Records have brown water spots on them from rook leaks.

One of the ceiling vents has a black circle which needs to be cleaned, as well as the vent from which it came.

The windows need to be washed and de-bugged, inside and outside.

The floor tiles in the hallway from the back door to the main hall are dissolving and need to be replaced before a trip and fall injury occurs.

### **Exterior Maintenance PD**

The wood panels / screening around the generator outside are warped and need replacing.

The tower on the roof needs to come down at some point, which will likely involve roof repairs. It is no longer in use. Jeff from West Shore had given Chief Karnes a bid on what was involved when they were here doing the siren hook up. (city overhead tornado sirens) [jdupilka@westshorefire.com](mailto:jdupilka@westshorefire.com)

The mud gulley next to the east end of the back driveway needs to be filled in with dirt and seeded, or pour more concrete to extend the pavement.

The paint is peeling from the blue signs in front of the building.

The all-weed flower beds that run the entire front of the building generally spend the warm weather in a state of violation of city ordinance – in excess of 8" in height. There are frequently high weeds along the back fence as well.

Parking lot / sidewalks

Repair / replace uneven, damaged or cracked concrete

Remove overgrowth, trees and weeds from fence on side of the parking lot

### **Interior Maintenance PD**

**Men's bathroom** (East End) needs repairs

- All stalls are completely rusted at the bases and need to be replaced.
- Insulation on piping had been torn off.
- There is a hole beneath urinal that needs to be fixed properly.
- There is no hot water in the bathroom.

### **Assembly room**

- The base of the sink cabinet needs to be cleaned for possible mold
- Need a proper faucet in sink - the one in the sink now is a bathroom fixture not a kitchen sink,
- Plus this sink faucet does leak
- Again the water in this sink needs to run at least fifteen minutes before the water is warm.
- Replace the door on the roll call room.
- Repair broken windows in the roll call room

### **Front Desk Area**

The front desk heating and cooling system does not work properly. The units at the front desk and CEO office area need the filters changed / cleaned.

Ducts need to be cleaned and a remote for temp control for front desk – Officers are getting sick after working the front desk

The upper right cabinet drawer where the rifles are stored is warped and frequently falls when open/closed

There are missing ceiling tiles and floor tiles throughout the building.

Remove old wiring that is no longer powered through the building

### **Detective Bureau**

Install light switches in offices in the detective bureau so that lights can be turned off

### **Detective Bureau Garage**

Tar leaking from the roof above the work bench

Replace weather stripping from over-head door (rain water runs under the door)

Repair loose threshold on entry door

Reattach security camera on outside of the garage

### **Carport Area**

Repair leaks in roof

Replace / repair missing and damaged gutters and down spouts

**Install barrier to keep birds and other animal from nesting in the rafters**

Change light bulb in light on employee parking side (east side of carport)

### **Basement**

Repair rusty and leaking plumbing

### **Cell Block Area**

Cell#1 – The door sticks making the cell unusable

- The sink control buttons stick making the sink inoperable

Cell#2 – The sink controls stick

- Cell#3 – The toilet has pulled away from the wall and leaks
  - The sink controls need to be replaced
  - The sink is chipped and somebody can be injured / cut –
  - The paint is peeling and somebody was hurt and cut with the paint chip
  - The glass window is chipped
- Cell#4 – The sink controls need to be replaced
  - The paint is peeling
- Cell#5 – The toilet does not flush properly
  - The sink controls stick
- Cell#6 – The toilet has pulled away from the wall
  - The sink controls stick –
  - There is a large hole in the wall around the toilet control
- Cell#7 – There is paint that is peeling and flaking off in large pieces  
The wall vent west of cell #7 needs to be cleaned and sealed off.
- Cell#8 – The sink is chipped  
The sink controls need to be replaced

The paint throughout the cell block area is flaking away and has been used by prisoners to cut their wrists.

The toilets and sinks should be replaced with stainless steel toilets and sinks as needed.

Install bench for prisoners outside the interview room.

Purchase and install lockers in the booking room for prisoner property

Booking Hallway (behind front desk door) Replace the ceiling tiles are completely water damaged, there is mold growing in that area. The tiles need to be replaced and the area needs to be cleaned.

### **Detention Office**

Install shelf above sink

Repair leaky ceiling

Caulk around glass block window

Paint office and kitchen

Repair broken drawers

LINCOLN PARK POLICE DEPARTMENT  
VEHICLE INVENTORY  
as of 9/23/14

| Police        |                              |                              |                    |                 |                |
|---------------|------------------------------|------------------------------|--------------------|-----------------|----------------|
| Equip #       | Description                  | Vin#                         | Plate              | Assigned To:    | Mileage        |
| Year and Make |                              |                              |                    |                 |                |
| 4-1           | 2001 Ford Pickup             | 1FTRX17WX1NB94981            | 036X349            | Ord             | 09/19/14       |
| 4-2           | 2011 Crown Vic               | 2FABP7BV4BX169048            | 036X337            |                 | 75,121         |
| 4-3           | 2011 Ford Interceptor        | 2FABP7BV8BBX148302           | 036X396            | K-9             | 35,016         |
| 4-4           | 2010 Crown Vic               | 2FABP7BV3AX123404            | 036X375            |                 | 34,101         |
| 4-6           | 2009 Crown Vic               | 2FAHP71V79X112977            | 036X314            |                 | 109,274        |
| 4-7           | <del>2008 Crown Vic</del>    | <del>2FAFP71V68X130358</del> | <del>036X455</del> |                 | 93,234         |
| 4-7           | 2014 Chevy Tahoe             | 1GNLC2E06ER181804            | 036X450            |                 | -----          |
| 4-8           | 2002 Expedition              | 1FMPU16L12LA96650            | 036X374            |                 | 4,158          |
| 4-10          | 2008 Crown Vic               | 2FAFP71V18X128923            | 036X332            |                 | unknown        |
| 4-11          | 2010 Crown Vic               | 2FABP7BVXAX123402            | 036X323            |                 | 102,846        |
| 4-11A         | 1982 Plymouth "Radio Active" | 2P3BB26N1CR123592            | 93X859             |                 | 107,752        |
| 4-12          | 2008 Crown Vic               | 2FAFP71V48X126390            | 036X384            |                 | 122,450/42,000 |
| 4-13          | 2011 Crown Vic               | 2FABP7BV0BX169046            | 036X358            | K-9             | 21,355         |
| 4-14          | 2010 Crown Vic               | 2FABP7BV8AX123401            | 036X328            |                 | 51,082         |
| 4-15          | 2010 Crown Vic               | 2FABP7BV1AX123403            | 036X387            |                 | 113,489        |
| 4-16          | 2009 Crown Vic               | 2FAHP71V99X112978            | 036X377            |                 | 116,166        |
| 4-17          | 2004 Crown Vic (4-A-1)       | 2FAFP71W34X129834            | 8KLM91             | <i>Chief</i>    | 64,384         |
| 4-18          | 2003 Crown Vic (4-G-1)       | 2FAFP71W33X107010            | BUR9526            | <i>Chief-Lt</i> | 101,250        |
| 4-22          | 2005 Crown Vic               | 2FAFP71W35X178128            | 036X341            | Ord             | 86,466         |
| 4-24          | 2011 Crown Vic               | 2FABP7BY9BX169045            | 036X338            |                 | 50,034         |
| 4-25          | 2008 Crown Vic               | 2FAFP71V48X130357            | 036X343            | K-9             | 89,763         |
| 4-26          | 2011 Crown Vic               | 2FABP7BV2BX169047            | 036X339            |                 | -----          |
| 4-31          | 2001 Ford Pickup             | 1FTRX17W11NB94982            | 036X342            | Ord             | 101,417        |
| DB            |                              |                              |                    |                 |                |
| 1999          | GMC Sierra Pick Up           | 1GTEC14VXXE524052            | BUD2474            | SOB             | 93,734         |
| 2005          | Ford 500                     | 1FAFP24115G119667            | 8JPH49             | Det Bureau      | 58,617         |
| 2005          | Ford Taurus                  | 1FAFP53265A148242            | BUU3476            | Det Bureau      | 39,715         |
| 2006          | Ford Explorer                | 1FMEU73E48UB59658            | 6JPQ24             | Lt              | 104,022        |
| 2006          | Ford 500*                    | 1FAFP24176G141769            | 6FPT99             | Det Bureau      | 84,376         |
| 2006          | Ford Freestyle               | 1FMZK0216GA18185             | 1JNP75             | SOB             | 116,905        |
| 2012          | Dodge Charger                | 2C3CDXBG8CH241684            | 0KLR40             | SOB             | 40,180         |
| 2012          | Ford Taurus                  | 1FAHP2DWXCG122021            | 1JNP60             | SOB             | 37,083         |
| 2012          | Grand Caravan                | 2C4RDGBG4CR322536            | BUD5488            |                 | 14,613         |
| 2013          | Ford Taurus                  | 1FAHP2D80DG112178            | CEM3899            | SOB             | 44,554         |
| 2002          | Ford Van                     | 2FMZA51412BA25294            | 7KKT66             |                 | 160,305        |

*out of Service*

*out of Service*

\*Going to auction



DPS Questioner:                      Date: October 2014

John Kozuh DPS Field Supervisors answer to DPS Questionnaire sent by DPS Committee:

Do you have a process to handle customer complaints?

Answer: Yes, DPS receives them Via , Fax, e-mail or phone. Then they are given to Supervisor to investigate, resolve if possible given budget constraints, manpower constraints, or given to DPS Director (Bob Bartok) if they are contractor issues.

Do you have a process to handle contractor complaints by residents?

Yes, same as above.

Do you have enough manpower or do you count on contractors for most of the job completions?

Answer: Yes, we do not for the most part have enough manpower, and we do count on contractors to much.

If so what jobs do you source to contractors and is it because of equipment or manpower?

Answer: About 99% of water main breaks and tree trimming and removals are done by contractors due to lack of manpower.

Do your employees have the training for the jobs you assign to them?

Answer: Yes, except for the part time employees at DPS.

Do you feel you have enough time to oversee your employees and the contractor? If not, do you feel you need more supervision to oversee the DPS Operation effectively?

Answer: Yes, the DPS Director oversees the contractors. The DPS Operation no, at present staffing levels.

Do you get enough and timely support from organizations that interact with DPS to get jobs done?

Answer: No

Do you feel that outside interference affects your productivity and results in delays?

Answer: Yes

What are your suggestions for the DPS Department so it is customer friendly, does quality work and completes jobs in a timely manner?

Answer: I feel having appropriate manpower will provide the city and residents with the most cost effective and best job for the city and citizens.

## DPS Questionnaire

- Q. Do you have a process to handle customer complaints? If so, please briefly describe it.
- A. Yes. Depending on the nature and/or urgency of the complaint, it would be addressed by the dispatcher, administrative assistant or management. The nature and/or urgency would also dictate whether the response would be addressed by phone, e-mail or in person.
- Q. Do you have a process to handle contractor complaints by residents? If so, please briefly describe it.
- A. Yes. If a complaint is registered, management will receive any information and facts concerning the complaint and subsequently investigate. Once management has investigated, a response, if necessary, will be implemented to rectify any problems.
- Q. Do you have enough manpower or do you count on contractors for most job completions? If so, what jobs do you source to contractors and is it because of equipment or manpower?
- A. The jobs assigned to DPS employees are usually completed by DPS employees. We do not usually enlist the assistance of contractors for the completion of a job(s) that are assigned to DPS employees. Yet, in my professional opinion, we do not have the necessary manpower to satisfy the level of service that has been expected by the Community, Mayor & Council and the Administration.
- Contractors have been contracted by the City based on and dictated by several needs and factors. The use of contractors are based on various criteria; such as, expertise, costs, effective and/or efficient completion of certain job task(s), specialized equipment and/or training, etc..
- Q. Do your employees have the training for the jobs you assign them to? If not, what skills is your department lacking in house?

A. Yes, as far as I am aware of. I have not been informed by management or employees of job tasks that have been assigned without the employee having training.

Q. Do you feel you have enough time to oversee your employees and the contractors? If not, do you feel you need more supervision to oversee the DPS operations effectively?

A. One of my many responsibilities as the Director is to oversee both the employees and vendors/contractors under the Department of Public Services. I feel that I am currently fulfilling this job requirement.

Until a decision is made as to either increasing the number of employees or contracting out more job tasks, the level of supervision required cannot be answered definitively.

Q. Do you get enough and timely support from organizations that interact with the DPS to get jobs done? Examples: Engineering, finance etc.

A. At times I am provided enough and timely support and other times little to none at all. Other organizations are suffering from the same problems that are plaguing this Department, and that is a shortage of manpower, resources, clear direction and money. To this, these organizations usually look for support from other organizations that are facing the same issues. As a result, support sometimes is lacking and this affects the performance of the DPS. It is important that a realization occurs that this is a serious issue for both the public and private sector throughout the entire United States, and not just isolated to the Public Services Department in Lincoln Park.

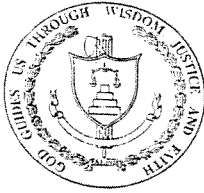
Q. Do you feel outside interference affects your productivity and results in delays?

A. Yes. A lot more than anyone suspects.

Q. What are your suggestions for the DPS department so it is customer friendly, does quality work and completes jobs in a timely manner?

- A. In my professional opinion as the Director of Public Services, I think that currently the Public Services Department is customer friendly, does quality work and completes jobs in a timely manner, in relation to the resources and support that is provided to the Department.

The only way to truly move forward from this point is that decisions need to be made and agreed upon as to what are the expectations and importance placed on the friendliness to customers, quality of work and completion of jobs in a timely manner. When a decision is reached as to the level of importance for each of these areas, then appropriate parameters and benchmarks need to be instituted as well as clear direction provided as to expectations on achieving these parameters. Only then can a tracking system be developed in order to track and evaluate the level of success that the Department is achieving in each of these areas. In conjunction, the appropriate amount of resources and support needs to be decided and provided to the Department to insure that the parameters are able to be achieved. Until the above is addressed, there is no way of quantifying or qualifying the success of the operations of the Department.



*City of Lincoln Park*  
**Department of Public Services  
& Engineering**  
500 Southfield Rd.  
Lincoln Park, MI 48146  
(313) 386-9000 ext. 226

**TO:** Brad Coulter, Emergency Manager  
**FROM:** Robert J. Bartok, Director of Public Services  
**DATE:** September 23, 2014  
**RE:** **Strategic Plan – Department of Public Services**

The following are areas that need to be considered in order for the Department of Public Services to be an effective and efficient part of City operations. This Strategic Plan will be broke down into three sections: 1) Long & short term Capital Projects for Infrastructure. 2) Short-term Maintenance & Routine Projects. 3) Department Organizational Structure.

Each section will provide an item as well as a rough estimate of cost in order to complete that item (if applicable). Once a decision is made, then a more in-depth analysis will have to be performed to determine implementation of those selected items.

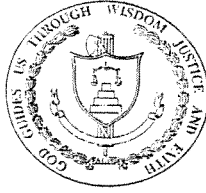
CAPITAL IMPROVEMENT PROJECTS (Short & Long Term)

Accompanying this memo is a breakdown of Capital Improvement Projects (C.I.P.'s) as well as estimated costs for roads, water and sewer. From the lists, a decision can be made as to what work should be performed as well as deriving a budget.

SHORT-TERM MAINTENANCE & ROUTINE PROJECTS

The following list includes maintenance & routine projects that need to be addressed within this budget year.

- 1) Miscellaneous concrete (\$22,569)
- 2) Hydrant winterization & maintenance (\$6-7,000 to contract out)
- 3) Closing Parks (n/a)
- 4) Building winterization (n/a)
- 5) Leaf collection (n/a)
- 6) Snow Plowing (TBD)
- 7) Watermain Breaks (TBD)
- 8) Salt Dome – Repair or Replace ( \$30,000 – \$130,000)



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The following are optional items depending on how the Department proceeds from this point and should be planned and implemented over the next few months.

- 1) Snowplowing
- 2) Street sweeping & leaf collection
- 3) Annual Road Maintenance Program (\$150,000 - \$200,00 yrly)
- 4) Annual Valve maintenance/repair program (\$100,000 yr for 6 years)
- 5) Continue developing G.I.S. Program (\$25,000 future costs)
- 6) Develop "Parks Rejuvenating" Program (\$75,000 yr)
- 7) Develop Sewer cleaning & televising program
- 8) Aggressive Storm sewer cleaning and repair program
- 9) Lift/Pump Station electrical & instrumentation RFP (\$150,000)
- 10) Hydrant replacement program (\$30,000 yrly)
- 11) Meter testing program
- 12) Building Rehab Program (\$100,000 yrly)
- 13) Building & Grounds RFP
- 14) Motorpool Re-organization
- 15) Equipment Purchase/Auction Plan

DEPARTMENT ORGANIZATIONAL STRUCTURE

Included in this memo is a current list of employees and Organizational chart. In addition, there is an organizational chart that displays the rebuilding of the Department and one that shows it if we were to contract out a majority of services. A further analysis will have to be developed to include a feasibility study as well as a cost-benefit analysis for each alternative.

# SUMMARY OF ROADS FOR CONCRETE SECTIONING

## CITY OF LINCOLN PARK

### Updated September 11, 2014

| Street         | From                     | To                              | length (ft) | length (M) | Surface Type | Surface Rating | Cost Per LF (\$) | Total Cost (\$) |
|----------------|--------------------------|---------------------------------|-------------|------------|--------------|----------------|------------------|-----------------|
| Abbott Ave     | LeBlanc Ave              | Michigan Ave                    | 300.96      | 0.057      | Concrete     | 7              | \$ 50.00         | \$ 15,048.00    |
| Abbott Ave     | Michigan Ave             | Moran Ave                       | 311.52      | 0.059      | Concrete     | 7              | \$ 50.00         | \$ 15,576.00    |
| Abbott Ave     | Moran Ave                | River Bank Ave                  | 295.68      | 0.056      | Concrete     | 7              | \$ 50.00         | \$ 14,784.00    |
| Abbott Ave     | Emmons Ave               | Myron Ave                       | 258.72      | 0.049      | Concrete     | 7              | \$ 50.00         | \$ 12,936.00    |
| Applewood Ave  | Stewart Ave              | Capitol Ave                     | 427.68      | 0.081      | Concrete     | 7              | \$ 50.00         | \$ 21,384.00    |
| Arlington Ave  | Howard St                | Lafayette Blvd                  | 675.84      | 0.128      | Concrete     | 7              | \$ 50.00         | \$ 33,792.00    |
| Brest Ave      | Longlin Ave              | Abbott Ave                      | 327.36      | 0.062      | Concrete     | 7              | \$ 50.00         | \$ 16,368.00    |
| Brest Ave      | Burns Ave                | James Ave                       | 427.68      | 0.081      | Concrete     | 7              | \$ 50.00         | \$ 21,384.00    |
| Brest Ave      | Abbott Ave               | High St                         | 237.6       | 0.045      | Concrete     | 7              | \$ 50.00         | \$ 11,880.00    |
| Brest Ave      | Brouseville Ave          | Duplex Ave                      | 300.96      | 0.057      | Concrete     | 7              | \$ 50.00         | \$ 15,048.00    |
| Brest Ave      | Howard Ave               | Lafayette St                    | 258.72      | 0.049      | Concrete     | 7              | \$ 50.00         | \$ 12,936.00    |
| Brest Ave      | Duplex Ave               | Barberry Ave                    | 269.28      | 0.051      | Concrete     | 7              | \$ 50.00         | \$ 13,464.00    |
| Brest Ave      | Lafayette St             | Hubbard Ave                     | 142.56      | 0.027      | Concrete     | 7              | \$ 50.00         | \$ 7,128.00     |
| Brest Ave      | Barberry Ave             | Dead End                        | 121.44      | 0.023      | Concrete     | 7              | \$ 50.00         | \$ 6,072.00     |
| Buckingham Ave | Richmond Ave             | Dead End                        | 147.84      | 0.028      | Concrete     | 7              | \$ 50.00         | \$ 7,392.00     |
| Cabin Ave      | Bailey Ave               | River Dr                        | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Champaign Rd   | Elliot Ave               | Capitol Ave                     | 612.48      | 0.116      | Concrete     | 7              | \$ 50.00         | \$ 30,624.00    |
| Chandler Ave   | London Ave               | Mayflower Ave                   | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Chandler Ave   | Capitol Ave              | Cleveland Ave                   | 279.84      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Chandler Ave   | Mill St                  | White Ave                       | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Chandler Ave   | Garfield Ave             | White Ave                       | 295.68      | 0.056      | Concrete     | 7              | \$ 50.00         | \$ 14,784.00    |
| Cicotte Ave    | Dead End                 | Leleune Ave                     | 295.68      | 0.056      | Concrete     | 7              | \$ 50.00         | \$ 14,784.00    |
| Cleophrus Pkwy | Lafayette Blvd           | Cleophrus Pkwy - Surface Change | 168.96      | 0.032      | Concrete     | 7              | \$ 50.00         | \$ 8,448.00     |
| College Ave    | Dead End                 | Porter Ave                      | 691.68      | 0.131      | Concrete     | 7              | \$ 50.00         | \$ 34,584.00    |
| College Ave    | Porter Ave               | Dix Ave                         | 237.6       | 0.045      | Concrete     | 7              | \$ 50.00         | \$ 11,880.00    |
| Council Ave    | Dead End                 | Porter Ave                      | 1013.76     | 0.192      | Concrete     | 7              | \$ 50.00         | \$ 50,688.00    |
| Detroit Ave    | Dix Ave                  | Rose Ave                        | 237.6       | 0.045      | Concrete     | 7              | \$ 50.00         | \$ 11,880.00    |
| Elliott Ave    | Champaign Rd             | Farnham Ave                     | 89.76       | 0.017      | Concrete     | 7              | \$ 50.00         | \$ 4,488.00     |
| Elliott Ave    | Lincoln Blvd             | Garfield Ave                    | 258.72      | 0.049      | Concrete     | 7              | \$ 50.00         | \$ 12,936.00    |
| Elliott Ave    | Cleophrus Pkwy           | Southfield Rd                   | 300.96      | 0.057      | Concrete     | 7              | \$ 50.00         | \$ 15,048.00    |
| Emmons Blvd    | Winchester Ave           | Emmons Blvd - surface Change    | 279.84      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Empire Ave     | Montie Rd                | Dead End                        | 823.68      | 0.156      | Concrete     | 7              | \$ 50.00         | \$ 41,184.00    |
| Ferris Ave     | Stewart Ave              | Merrill Ave                     | 406.56      | 0.077      | Concrete     | 7              | \$ 50.00         | \$ 20,328.00    |
| Ferris Ave     | Saint Johns Blvd         | Ford Blvd                       | 279.84      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Ferris Ave     | Emmons Blvd              | Winchester Ave                  | 364.32      | 0.069      | Concrete     | 7              | \$ 50.00         | \$ 18,216.00    |
| Ferris Ave     | Buckingham Ave           | Pagel Ave                       | 306.24      | 0.058      | Concrete     | 7              | \$ 50.00         | \$ 15,312.00    |
| Ford Blvd      | Ford Line Rd & Ford Ave  | Helen Ave                       | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Ford Blvd      | Helen Ave                | Irene Ave                       | 285.12      | 0.054      | Concrete     | 7              | \$ 50.00         | \$ 14,256.00    |
| Ford Blvd      | Agnes Ave                | Longlin Ave                     | 269.28      | 0.051      | Concrete     | 7              | \$ 50.00         | \$ 13,464.00    |
| Ford Line Rd   | Clinton River Shore Blvd | Ford Blvd & Ford Ave            | 279.84      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Frank Ave      | Cicotte Ave              | Hanford Ave                     | 332.64      | 0.063      | Concrete     | 7              | \$ 50.00         | \$ 16,632.00    |
| Gohl Rd        | Ford Blvd                | LeBlanc Ave                     | 327.36      | 0.062      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Gohl Rd        | Moran Ave                | River Bank Ave                  | 306.24      | 0.058      | Concrete     | 7              | \$ 50.00         | \$ 15,312.00    |
| Gohl Rd        | River Bank Ave           | Highland Ave                    | 285.12      | 0.054      | Concrete     | 7              | \$ 50.00         | \$ 14,256.00    |
| Hamilton Ave   | Raupp Pl                 | Dix Ave                         | 322.08      | 0.061      | Concrete     | 7              | \$ 50.00         | \$ 16,104.00    |
| Hanover Ave    | Hanover Ave              | Dead End                        | 47.52       | 0.009      | Concrete     | 7              | \$ 50.00         | \$ 2,376.00     |

|                  |                              |                               |         |       |          |   |          |              |
|------------------|------------------------------|-------------------------------|---------|-------|----------|---|----------|--------------|
| Hanover Ave      | Porter Ave                   | Hanover Ave                   | 369.6   | 0.07  | Concrete | 7 | \$ 50.00 | \$ 18,480.00 |
| Hartwick Hwy     | Minnie Ave                   | Dead End                      | 480.48  | 0.091 | Concrete | 7 | \$ 50.00 | \$ 24,024.00 |
| Hazel Ave        | New York Ave                 | Liberty Ave                   | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Helen Ave        | Brest Ave                    | Old Goddard Rd                | 828.96  | 0.157 | Concrete | 7 | \$ 50.00 | \$ 41,448.00 |
| Helen Ave        | Liberty Ave                  | Gregory Ave                   | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00 |
| Helen Ave        | Pagel Ave                    | Malvina Ave                   | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,728.00 |
| High St          | Brest Ave                    | Old Goddard Rd                | 876.48  | 0.166 | Concrete | 7 | \$ 50.00 | \$ 43,824.00 |
| Howard Ave       | Emmons Ave                   | Old Goddard Rd                | 1246.08 | 0.236 | Concrete | 7 | \$ 50.00 | \$ 62,304.00 |
| Howard Ave       | Myron Ave                    | Winchester Ave                | 253.44  | 0.048 | Concrete | 7 | \$ 50.00 | \$ 12,672.00 |
| Kaiser Ave       | Council Ave                  | Dead End                      | 248.16  | 0.047 | Concrete | 7 | \$ 50.00 | \$ 12,408.00 |
| Keppen Blvd      | Dead End                     | Porter Ave                    | 158.4   | 0.03  | Concrete | 7 | \$ 50.00 | \$ 7,920.00  |
| Keppen Blvd      | Dix Ave                      | Frank Ave                     | 237.6   | 0.045 | Concrete | 7 | \$ 50.00 | \$ 11,880.00 |
| Keppen Blvd      | Frank Ave                    | City/Twp Line                 | 892.32  | 0.169 | Concrete | 7 | \$ 50.00 | \$ 44,616.00 |
| Kings Hwy        | Myron Ave                    | Abbott Ave                    | 121.44  | 0.023 | Concrete | 7 | \$ 50.00 | \$ 6,072.00  |
| Lafayette Blvd   | College Ave                  | Morris Ave                    | 871.2   | 0.165 | Concrete | 7 | \$ 50.00 | \$ 43,560.00 |
| Lafayette Blvd   | Morris Ave                   | Reo Ave                       | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Lafayette Blvd   | Demean Ave                   | Montie Rd                     | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| LeBlanc Ave      | Ford Line Rd                 | Abbott Ave                    | 147.84  | 0.028 | Concrete | 7 | \$ 50.00 | \$ 7,392.00  |
| LeBlanc Ave      | Porter Ave                   | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | \$ 50.00 | \$ 41,448.00 |
| Malvina Ave      | Richmond Ave                 | Helen Ave                     | 654.72  | 0.124 | Concrete | 7 | \$ 50.00 | \$ 32,736.00 |
| Malvina Ave      | Helen Ave                    | Hazel Ave                     | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00 |
| McLain Ave       | Riopelle Ave                 | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | \$ 50.00 | \$ 29,832.00 |
| Meyer Ct         | Richmond Ave                 | City/Twp Line                 | 264     | 0.05  | Concrete | 7 | \$ 50.00 | \$ 13,200.00 |
| Michigan Ave     | Michigan Blvd & Ford Line Rd | Hazel Ave                     | 691.68  | 0.131 | Concrete | 7 | \$ 50.00 | \$ 34,584.00 |
| Montie Rd        | Frank Ave                    | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | \$ 50.00 | \$ 41,448.00 |
| Morris Ave       | Dead End                     | City/Twp Line                 | 121.44  | 0.023 | Concrete | 7 | \$ 50.00 | \$ 6,072.00  |
| Myron Ave        | Abbott Ave                   | Porter Ave                    | 232.32  | 0.044 | Concrete | 7 | \$ 50.00 | \$ 11,616.00 |
| New York Ave     | Abbott Ave                   | Howard Ave                    | 786.72  | 0.149 | Concrete | 7 | \$ 50.00 | \$ 39,336.00 |
| Old Goddard Rd   | Helen Ave                    | New York Ave - Surface Change | 786.72  | 0.149 | Concrete | 7 | \$ 50.00 | \$ 39,336.00 |
| Pagel Ave        | Dix Ave                      | Coolidge Ave                  | 52.8    | 0.01  | Concrete | 7 | \$ 50.00 | \$ 2,640.00  |
| Pagel Ave        | Helen Ave                    | Hazel Ave                     | 337.92  | 0.064 | Concrete | 7 | \$ 50.00 | \$ 16,896.00 |
| Pagel Ave        | Pagel Ave - Surface Change   | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | \$ 50.00 | \$ 29,832.00 |
| Park Ave         | River Dr                     | Applewood Ave                 | 58.08   | 0.011 | Concrete | 7 | \$ 50.00 | \$ 2,904.00  |
| Pennsylvania Ave | Reo Ave                      | Demean Ave                    | 126.72  | 0.024 | Concrete | 7 | \$ 50.00 | \$ 6,336.00  |
| Philomene Blvd   | Riopelle Ave                 | City/Twp Line                 | 130.24  | 0.023 | Concrete | 7 | \$ 50.00 | \$ 6,512.00  |
| Philomene Blvd   | Lafayette Blvd               | Howard St                     | 142.56  | 0.027 | Concrete | 7 | \$ 50.00 | \$ 7,128.00  |
| Pingree Ave      | Electric Ave & Merrill Ave   | Capitol Ave                   | 723.36  | 0.137 | Concrete | 7 | \$ 50.00 | \$ 36,168.00 |
| Pingree Ave      | Mayflower Ave                | Detroit Ave                   | 348.48  | 0.066 | Concrete | 7 | \$ 50.00 | \$ 17,424.00 |
| Pingree Ave      | Detroit Ave                  | Champaign Rd                  | 269.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00 |
| Pingree Ave      | Champaign Rd                 | Farnham Ave                   | 390.72  | 0.074 | Concrete | 7 | \$ 50.00 | \$ 19,536.00 |
| Pingree Ave      | Farnham Ave                  | Mill St                       | 258.72  | 0.049 | Concrete | 7 | \$ 50.00 | \$ 12,936.00 |
| Pingree Ave      | Mill St                      | Cleveland Ave                 | 264     | 0.05  | Concrete | 7 | \$ 50.00 | \$ 13,200.00 |
| Pingree Ave      | Cleveland Ave                | Lincoln Blvd                  | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Pingree Ave      | Lincoln Blvd                 | Garfield Ave                  | 300.96  | 0.057 | Concrete | 7 | \$ 50.00 | \$ 15,048.00 |
| Pingree Ave      | Garfield Ave                 | White Ave                     | 300.96  | 0.057 | Concrete | 7 | \$ 50.00 | \$ 15,048.00 |
| Porter Ave       | Arlington Ave                | Warwick Ave                   | 260.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00 |
| Porter Ave       | Warwick Ave                  | O'Connor Ave                  | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Porter Ave       | O'Connor Ave                 | Eucild Ave                    | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Porter Ave       | Eucild Ave                   | Russell Ave                   | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Porter Ave       | Russell Ave                  | Keppen Blvd                   | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Porter Ave       | Keppen Blvd                  | Hanford Ave                   | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00 |



|                  |                  |                  |         |       |          |   |          |               |
|------------------|------------------|------------------|---------|-------|----------|---|----------|---------------|
| Porter Ave       | Progress Ave     | Rose Ave         | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00  |
| Porter Ave       | Michigan Ave     | Moran Ave        | 311.52  | 0.059 | Concrete | 7 | \$ 50.00 | \$ 15,576.00  |
| Porter Ave       | Moran Ave        | River Bank Ave   | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00  |
| Kaupp Pl         | Hamilton Ave     |                  | 306.24  | 0.058 | Concrete | 7 | \$ 50.00 | \$ 15,312.00  |
| Reo Ave          | Dead End         | Porter Ave       | 237.6   | 0.045 | Concrete | 7 | \$ 50.00 | \$ 11,880.00  |
| Ricopelle Ave    | Garfield Ave     | White St         | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00  |
| Saint Johns Blvd | Ford Line Rd     | Helen Ave        | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00  |
| Stewart Ave      | Howard Ave       | Lafayette St     | 649.44  | 0.123 | Concrete | 7 | \$ 50.00 | \$ 32,472.00  |
| Victoria Ave     | Marshall Ave     | Dead End         | 147.84  | 0.028 | Concrete | 7 | \$ 50.00 | \$ 7,392.00   |
| Wilson Ave       | Champaign Rd     | Farnham Ave      | 258.72  | 0.049 | Concrete | 7 | \$ 50.00 | \$ 12,936.00  |
| Wilson Ave       | Mill St          | Cleveland Ave    | 269.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00  |
| Wilson Ave       | Garfield Ave     | Lincoln Blvd     | 300.96  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 15,048.00  |
| Wilson Ave       | Harrison Blvd    | White Ave        | 269.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00  |
| Wilson Ave       | Cloverlawn Ave   | Cloverlawn Ave   | 353.76  | 0.067 | Concrete | 7 | \$ 50.00 | \$ 17,668.00  |
| Wilson Ave       | Saint Johns Blvd | Saint Johns Blvd | 374.88  | 0.071 | Concrete | 7 | \$ 50.00 | \$ 18,744.00  |
| Wilson Ave       | Ford Blvd        | Ford Blvd        | 359.04  | 0.068 | Concrete | 7 | \$ 50.00 | \$ 17,952.00  |
| Wilson Ave       | LeBlanc Ave      | LeBlanc Ave      | 327.36  | 0.062 | Concrete | 7 | \$ 50.00 | \$ 15,312.00  |
| Wilson Ave       | Cleveland Ave    | Michigan Ave     | 306.24  | 0.058 | Concrete | 7 | \$ 50.00 | \$ 15,312.00  |
| Wilson Ave       | Stewart Ave      | Garfield Ave     | 385.44  | 0.073 | Concrete | 6 | \$ 85.00 | \$ 32,762.40  |
| Wilson Ave       | Merrill Ave      | Richmond Ave     | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,337.60  |
| Wilson Ave       | Richmond Ave     | London Ave       | 279.84  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,437.60  |
| Wilson Ave       | Capitol Ave      | South Dr         | 132     | 0.025 | Concrete | 6 | \$ 85.00 | \$ 11,220.00  |
| Wilson Ave       | South Dr         | Detroit Ave      | 444.52  | 0.084 | Concrete | 6 | \$ 85.00 | \$ 37,699.20  |
| Wilson Ave       | Brest Ave        | Old Goddard Rd   | 1219.68 | 0.231 | Concrete | 6 | \$ 85.00 | \$ 103,672.80 |
| Wilson Ave       | Ford Blvd        | LeBlanc Ave      | 353.76  | 0.067 | Concrete | 6 | \$ 85.00 | \$ 30,069.60  |
| Wilson Ave       | Kings Hwy        | Emmons Ave       | 380.16  | 0.072 | Concrete | 6 | \$ 85.00 | \$ 32,313.60  |
| Wilson Ave       | Myron Ave        | Winchester Ave   | 248.16  | 0.047 | Concrete | 6 | \$ 85.00 | \$ 21,093.60  |
| Wilson Ave       | Ford Blvd        | Saint Johns Blvd | 385.44  | 0.073 | Concrete | 6 | \$ 85.00 | \$ 32,762.40  |
| Wilson Ave       | Saint Johns Blvd | Dead End         | 132     | 0.025 | Concrete | 6 | \$ 85.00 | \$ 11,220.00  |
| Wilson Ave       | Brest Ave        | Old Goddard Rd   | 839.52  | 0.159 | Concrete | 6 | \$ 85.00 | \$ 71,359.20  |
| Wilson Ave       | Fort Park Blvd   | Lafayette Blvd   | 897.6   | 0.17  | Concrete | 6 | \$ 85.00 | \$ 76,296.00  |
| Wilson Ave       | Lafayette Blvd   | Howard St        | 675.84  | 0.128 | Concrete | 6 | \$ 85.00 | \$ 57,446.40  |
| Wilson Ave       | Southfield Rd    | O'Connor Ave     | 332.64  | 0.063 | Concrete | 6 | \$ 85.00 | \$ 28,274.40  |
| Wilson Ave       | O'Connor Ave     | Russell Ave      | 773.36  | 0.137 | Concrete | 6 | \$ 85.00 | \$ 61,485.60  |
| Wilson Ave       | Russell Ave      | Cicotte Ave      | 660     | 0.125 | Concrete | 6 | \$ 85.00 | \$ 56,100.00  |
| Wilson Ave       | Cicotte Ave      | Monie Rd         | 628.32  | 0.119 | Concrete | 6 | \$ 85.00 | \$ 53,407.20  |
| Wilson Ave       | Capitol Ave      | Mayflower Ave    | 264     | 0.05  | Concrete | 6 | \$ 85.00 | \$ 22,440.00  |
| Wilson Ave       | Appelwood Ave    | Stewart Ave      | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,337.60  |
| Wilson Ave       | Ford Line Rd     | Helen Ave        | 295.68  | 0.056 | Concrete | 6 | \$ 85.00 | \$ 25,132.80  |
| Wilson Ave       | Hazel Ave        | Hazel Ave        | 269.28  | 0.051 | Concrete | 6 | \$ 85.00 | \$ 22,888.80  |
| Wilson Ave       | James Ave        | Agnes Ave        | 269.28  | 0.051 | Concrete | 6 | \$ 85.00 | \$ 22,888.80  |
| Wilson Ave       | James Ave        | Brouseville Ave  | 52.8    | 0.01  | Concrete | 6 | \$ 85.00 | \$ 4,488.00   |
| Wilson Ave       | High St          | Howard Ave       | 316.8   | 0.06  | Concrete | 6 | \$ 85.00 | \$ 26,928.00  |
| Wilson Ave       | Hubbard Ave      | Drouillard Ave   | 264     | 0.05  | Concrete | 6 | \$ 85.00 | \$ 22,440.00  |
| Wilson Ave       | Wayne St         | Fort St          | 168.96  | 0.032 | Concrete | 6 | \$ 85.00 | \$ 14,361.60  |
| Wilson Ave       | Wayne St         | Electric Ave     | 633.6   | 0.12  | Concrete | 6 | \$ 85.00 | \$ 53,856.00  |
| Wilson Ave       | Champaign Rd     | Wilson Ave       | 311.52  | 0.059 | Concrete | 6 | \$ 85.00 | \$ 26,479.20  |
| Wilson Ave       | Ferris Ave       | Elliott Ave      | 617.76  | 0.117 | Concrete | 6 | \$ 85.00 | \$ 52,509.60  |
| Wilson Ave       | Appelwood Ave    | Appelwood Ave    | 617.76  | 0.117 | Concrete | 6 | \$ 85.00 | \$ 52,509.60  |
| Wilson Ave       | Outer Dr         | Attribute Change | 200.64  | 0.038 | Concrete | 6 | \$ 85.00 | \$ 17,054.00  |
| Wilson Ave       | Attribute Change | Dead End         | 448.8   | 0.085 | Concrete | 6 | \$ 85.00 | \$ 38,148.00  |
| Wilson Ave       | Dead End         | Porter Ave       | 237.6   | 0.045 | Concrete | 6 | \$ 85.00 | \$ 20,196.00  |

|               |                              |                         |         |       |          |   |    |       |    |            |
|---------------|------------------------------|-------------------------|---------|-------|----------|---|----|-------|----|------------|
| Charter Ave   | Porter Ave                   | Dix Ave                 | 1045.44 | 0.198 | Concrete | 6 | \$ | 85.00 | \$ | 88,862.40  |
| Croette Ave   | Dix Ave                      | Frank Ave               | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20  |
| Croette Ave   | Frank Ave                    | City/Twp Line           | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20  |
| Croette Ave   | Wilson Ave                   | Marion Ave              | 121.44  | 0.023 | Concrete | 6 | \$ | 85.00 | \$ | 10,322.40  |
| Croette Ave   | Leleune Ave                  | Appelwood Ave           | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00 | \$ | 24,684.00  |
| Cleophas Pkwy | Porter St                    | Dead End                | 359.04  | 0.068 | Concrete | 6 | \$ | 85.00 | \$ | 30,514.40  |
| Cleophas Pkwy | Dead End                     | Riopelle Ave            | 427.68  | 0.081 | Concrete | 6 | \$ | 85.00 | \$ | 36,352.80  |
| Cleophas Pkwy | Riopelle Ave                 | City/Twp Line           | 174.24  | 0.033 | Concrete | 6 | \$ | 85.00 | \$ | 14,810.40  |
| Cleophas Pkwy | Dead End                     | City/Twp Line           | 137.28  | 0.026 | Concrete | 6 | \$ | 85.00 | \$ | 11,668.80  |
| Cleophas Pkwy | Dead End                     | Dix Ave                 | 190.08  | 0.036 | Concrete | 6 | \$ | 85.00 | \$ | 16,156.80  |
| Cleophas Pkwy | Porter St                    | City/Twp Line           | 913.44  | 0.123 | Concrete | 6 | \$ | 85.00 | \$ | 77,642.40  |
| Cleophas Pkwy | Howard St                    | Mill St & Lincoln Ave   | 168.96  | 0.032 | Concrete | 6 | \$ | 85.00 | \$ | 14,361.60  |
| Cleophas Pkwy | River Dr                     | Elliott Ave             | 448.8   | 0.085 | Concrete | 6 | \$ | 85.00 | \$ | 38,148.00  |
| Cleophas Pkwy | Howard St                    | Appelwood Ave           | 580.8   | 0.11  | Concrete | 6 | \$ | 85.00 | \$ | 49,368.00  |
| Cleophas Pkwy | Elliott Ave                  | Pingree Ave             | 623.04  | 0.118 | Concrete | 6 | \$ | 85.00 | \$ | 52,958.40  |
| Cleophas Pkwy | Appelwood Ave                | Washington Ave          | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20  |
| Cleophas Pkwy | Pingree Ave                  | Wilson Ave              | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20  |
| Cleophas Pkwy | Ferris Ave                   | Gohl Rd                 | 850.08  | 0.161 | Concrete | 6 | \$ | 85.00 | \$ | 72,256.80  |
| Cleophas Pkwy | Wilson Ave                   | Frank Ave               | 665.28  | 0.126 | Concrete | 6 | \$ | 85.00 | \$ | 56,548.80  |
| Cleophas Pkwy | Dix Ave                      | Dead End                | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20  |
| Cleophas Pkwy | Saint Johns Blvd             | Old Goddard Rd          | 153.68  | 0.031 | Concrete | 6 | \$ | 85.00 | \$ | 13,917.80  |
| Cleophas Pkwy | Brest Ave                    | Dix Ave                 | 992.64  | 0.188 | Concrete | 6 | \$ | 85.00 | \$ | 84,374.40  |
| Cleophas Pkwy | Porter Ave                   | Mayflower Ave           | 1013.76 | 0.192 | Concrete | 6 | \$ | 85.00 | \$ | 86,169.60  |
| Cleophas Pkwy | Green Ave                    | Bailey Ave              | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40  |
| Cleophas Pkwy | Wayne St                     | Dead End                | 638.88  | 0.121 | Concrete | 6 | \$ | 85.00 | \$ | 54,304.80  |
| Cleophas Pkwy | Bailey Ave                   | Porter Ave              | 871.2   | 0.165 | Concrete | 6 | \$ | 85.00 | \$ | 74,052.00  |
| Cleophas Pkwy | Rose Ave                     | River Dr                | 522.72  | 0.099 | Concrete | 6 | \$ | 85.00 | \$ | 44,431.20  |
| Cleophas Pkwy | Elliott Ave                  | Olive Ave               | 596.64  | 0.113 | Concrete | 6 | \$ | 85.00 | \$ | 50,714.40  |
| Cleophas Pkwy | Hamilton Ave                 | Old Goddard Rd          | 52.8    | 0.01  | Concrete | 6 | \$ | 85.00 | \$ | 4,488.00   |
| Cleophas Pkwy | Brest Ave                    | Montie Rd               | 1277.48 | 0.241 | Concrete | 6 | \$ | 85.00 | \$ | 108,160.80 |
| Cleophas Pkwy | Capitol Ave                  | Mayflower Ave           | 1135.2  | 0.215 | Concrete | 6 | \$ | 85.00 | \$ | 96,492.00  |
| Cleophas Pkwy | Detroit Ave                  | Progress Ave            | 348.48  | 0.066 | Concrete | 6 | \$ | 85.00 | \$ | 29,620.80  |
| Cleophas Pkwy | White Ave                    | Park Ave                | 232.32  | 0.044 | Concrete | 6 | \$ | 85.00 | \$ | 19,747.20  |
| Cleophas Pkwy | White Ave                    | Park Ave                | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40  |
| Cleophas Pkwy | White Ave                    | Park Ave                | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Cleophas Pkwy | Highland Ave                 | Merrill Ave             | 623.04  | 0.118 | Concrete | 6 | \$ | 85.00 | \$ | 52,958.40  |
| Cleophas Pkwy | Kings Hwy                    | Kings Hwy               | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20  |
| Cleophas Pkwy | Emmons Blvd                  | Pagel Ave               | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Cleophas Pkwy | Liberty Ave & Buckingham Ave | New York Ave            | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Cleophas Pkwy | Winchester Ave               | Pagel Ave               | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Cleophas Pkwy | Liberty Ave                  | Pagel Ave               | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Cleophas Pkwy | Capitol Ave                  | Mayflower Ave           | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00  |
| Cleophas Pkwy | Farmham Ave                  | Mill St                 | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Cleophas Pkwy | Mill St                      | Cleveland Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Cleophas Pkwy | Cleveland Ave                | Lincoln Blvd            | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60  |
| Cleophas Pkwy | Garfield Ave                 | White Ave               | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Cleophas Pkwy | N Shore Dr & Shore Dr        | Riverside Dr & North Dr | 454.08  | 0.086 | Concrete | 6 | \$ | 85.00 | \$ | 38,596.80  |
| Cleophas Pkwy | Southfield Rd                | O'Connor Ave            | 438.24  | 0.083 | Concrete | 6 | \$ | 85.00 | \$ | 37,250.40  |
| Cleophas Pkwy | Russell Ave                  | Croette Ave             | 660     | 0.125 | Concrete | 6 | \$ | 85.00 | \$ | 56,100.00  |
| Cleophas Pkwy | Croette Ave                  | Montie Rd               | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20  |
| Cleophas Pkwy | Capitol Ave                  | Mayflower Ave           | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40  |
| Cleophas Pkwy | Mayflower Ave                | Detroit Ave             | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Cleophas Pkwy | Detroit Ave                  | Progress Ave            | 242.88  | 0.046 | Concrete | 6 | \$ | 85.00 | \$ | 20,644.80  |

|              |                                   |                                   |         |       |          |   |    |       |    |           |
|--------------|-----------------------------------|-----------------------------------|---------|-------|----------|---|----|-------|----|-----------|
| Ferris Ave   | Progress Ave                      | Champaign Rd                      | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ferris Ave   | Champaign Rd                      | Farnham Ave                       | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Ferris Ave   | Farnham Ave                       | Mall St                           | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Ferris Ave   | Merrill Ave                       | London Ave                        | 374.88  | 0.071 | Concrete | 6 | \$ | 85.00 | \$ | 31,864.80 |
| Ferris Ave   | London Ave                        | Capitol Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ferris Ave   | Cloverlawn Ave                    | Saint Johns Blvd                  | 364.32  | 0.069 | Concrete | 6 | \$ | 85.00 | \$ | 30,967.20 |
| Ferris Ave   | Ford Blvd                         | LeBlanc Ave                       | 327.36  | 0.062 | Concrete | 6 | \$ | 85.00 | \$ | 27,825.60 |
| Ferris Ave   | LeBlanc Ave                       | Michigan Ave                      | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00 |
| Ferris Ave   | Michigan Ave                      | Moran Ave                         | 311.52  | 0.059 | Concrete | 6 | \$ | 85.00 | \$ | 26,479.20 |
| Ferris Ave   | Moran Ave                         | River Bank Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40 |
| Ferris Ave   | River Bank Ave                    | Highland Ave                      | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00 | \$ | 24,664.00 |
| Ferris Ave   | Highland Ave                      | Kings Hwy                         | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80 |
| Ferris Ave   | Winchester Ave                    | New York Ave                      | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Ferris Ave   | New York Ave                      | Liberty Ave                       | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00 |
| Ferris Ave   | Liberty Ave                       | Buckingham Ave                    | 327.36  | 0.062 | Concrete | 6 | \$ | 85.00 | \$ | 27,825.60 |
| Ferris Ave   | Page Ave                          | Stewart Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ford Blvd    | Irene Ave                         | Hazel Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ford Blvd    | Hazel Ave                         | Agnes Ave                         | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Ford Line Rd | Forest Ave                        | Old Goddard Rd                    | 913.44  | 0.173 | Concrete | 6 | \$ | 85.00 | \$ | 77,642.40 |
| Ford Line Rd | Forest Blvd & Ford Ave            | LeBlanc Ave                       | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20 |
| Frank Ave    | Eucled Ave                        | Dead End                          | 147.84  | 0.028 | Concrete | 6 | \$ | 85.00 | \$ | 12,566.40 |
| Frank Ave    | Morris Ave                        | College Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Frank Ave    | College Ave                       | Paris Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Frank Ave    | University Ave                    | Cicotte Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Frank Ave    | Hanford Ave                       | Keppen Blvd                       | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20 |
| Garfield Ave | Elliott Ave                       | Applewood Ave                     | 623.04  | 0.118 | Concrete | 6 | \$ | 85.00 | \$ | 52,958.40 |
| Garfield Ave | Applewood Ave                     | Pingree Ave                       | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20 |
| Garfield Ave | Pingree Ave                       | Washington Ave                    | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20 |
| Garfield Ave | Washington Ave                    | Wilson Ave                        | 612.48  | 0.116 | Concrete | 6 | \$ | 85.00 | \$ | 52,060.80 |
| Gohl Rd      | Harrison Blvd                     | Cloverlawn Ave                    | 348.48  | 0.066 | Concrete | 6 | \$ | 85.00 | \$ | 29,620.80 |
| Gohl Rd      | Cloverlawn Ave                    | Saint Johns Ct & Saint Johns Blvd | 364.32  | 0.069 | Concrete | 6 | \$ | 85.00 | \$ | 30,967.20 |
| Gohl Rd      | Saint Johns Ct & Saint Johns Blvd | Ford Blvd                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Gohl Rd      | Highland Ave                      | Kings Hwy                         | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40 |
| Gohl Rd      | Emmons Blvd                       | Winchester Ave                    | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Gohl Rd      | Winchester Ave                    | New York Ave                      | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00 |
| Gohl Rd      | New York Ave                      | Liberty Ave                       | 89.76   | 0.017 | Concrete | 6 | \$ | 85.00 | \$ | 7,629.60  |
| Gorman Ave   | Liberty Ave                       | Buckingham Ave                    | 205.92  | 0.039 | Concrete | 6 | \$ | 85.00 | \$ | 17,503.20 |
| Gregory Ave  | Cicotte Ave                       | Montie Rd                         | 628.32  | 0.124 | Concrete | 6 | \$ | 85.00 | \$ | 55,651.20 |
| Gregory Ave  | Porter Ave                        | Abbott Ave                        | 654.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 66,871.20 |
| Gregory Ave  | Abbott Ave                        | Howard Ave                        | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 74,464.00 |
| Gregory Ave  | Fort Park Blvd                    | Fort St                           | 464.64  | 0.088 | Concrete | 6 | \$ | 85.00 | \$ | 39,494.40 |
| Hanford Ave  | Dead End                          | Porter Ave                        | 227.04  | 0.043 | Concrete | 6 | \$ | 85.00 | \$ | 19,296.40 |
| Hanford Ave  | Porter Ave                        | Old Ave                           | 1008.48 | 0.191 | Concrete | 6 | \$ | 85.00 | \$ | 85,720.80 |
| Hanford Ave  | Porter Ave                        | Dead End                          | 232.6   | 0.045 | Concrete | 6 | \$ | 85.00 | \$ | 20,196.00 |
| Hanford Ave  | Porter Ave                        | Howard St                         | 675.84  | 0.128 | Concrete | 6 | \$ | 85.00 | \$ | 57,446.40 |
| Hazel Ave    | Malvina Ave                       | Buckingham Ave                    | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40 |
| Hazel Ave    | Buckingham Ave                    | Page Ave                          | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Hazel Ave    | Liberty Ave                       | Gregory Ave                       | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Hazel Ave    | Gregory Ave                       | Buckingham Ave                    | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40 |
| Hazel Ave    | Page Ave                          | Malvina Ave                       | 306.24  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Helen Ave    | New York Ave                      | Liberty Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Helen Ave    | Liberty Ave                       | Buckingham Ave                    | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Helen Ave    | Gregory Ave                       | Buckingham Ave                    | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |

|                   |                               |                               |         |       |          |   |          |               |
|-------------------|-------------------------------|-------------------------------|---------|-------|----------|---|----------|---------------|
| Heleen Ave        | Saint Johns Blvd              | Fort Blvd                     | 374.88  | 0.071 | Concrete | 6 | \$ 85.00 | \$ 31,864.80  |
| Highland Ave      | Highland Ave - Surface Change | Electric Ave                  | 924     | 0.175 | Concrete | 6 | \$ 85.00 | \$ 78,540.00  |
| Howard Ave        |                               | LeBlanc Ave                   | 353.76  | 0.067 | Concrete | 6 | \$ 85.00 | \$ 30,069.60  |
| Howard Ave        | LeBlanc Ave                   | Michigan Ave                  | 306.24  | 0.058 | Concrete | 6 | \$ 85.00 | \$ 26,030.40  |
| Howard Ave        | Michigan Ave                  | Moran Ave                     | 311.52  | 0.059 | Concrete | 6 | \$ 85.00 | \$ 26,479.20  |
| Howard Ave        | Moran Ave                     | River Bank Ave                | 295.68  | 0.056 | Concrete | 6 | \$ 85.00 | \$ 25,132.80  |
| Howard Ave        | Gregory Ave                   | Buckingham Ave                | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,337.60  |
| Hubbard Ave       | Brest Ave                     | Old Goddard Rd                | 992.64  | 0.188 | Concrete | 6 | \$ 85.00 | \$ 84,374.40  |
| Irene Ave         | Saint Johns Blvd              | Ford Blvd                     | 374.88  | 0.071 | Concrete | 6 | \$ 85.00 | \$ 31,864.80  |
| Irene Ave         | Brest Ave                     | Old Goddard Rd                | 850.08  | 0.161 | Concrete | 6 | \$ 85.00 | \$ 72,256.80  |
| John A Papalas Dr | N M 39                        | Consolidated Rail Corporation | 850.08  | 0.161 | Concrete | 6 | \$ 85.00 | \$ 72,256.80  |
| John A Papalas Dr | Consolidated Rail Corporation | Cicotte Ave                   | 2381.28 | 0.451 | Concrete | 6 | \$ 85.00 | \$ 202,408.80 |
| Josephine Ave     | Cicotte Ave                   | Outer Dr                      | 2696.08 | 0.511 | Concrete | 6 | \$ 85.00 | \$ 229,336.80 |
| Keppen Blvd       | Reo Ave                       | Montie Rd                     | 406.56  | 0.077 | Concrete | 6 | \$ 85.00 | \$ 85,720.80  |
| Keppen Blvd       | Fort Park Blvd                | Dix Ave                       | 1008.48 | 0.191 | Concrete | 6 | \$ 85.00 | \$ 76,744.80  |
| Kings Hwy         | Kings Hwy - Surface Change    | Electric Ave                  | 902.88  | 0.171 | Concrete | 6 | \$ 85.00 | \$ 74,154.40  |
| LaCade Blvd       | Stewart Ave                   | Capitol Ave                   | 860.64  | 0.163 | Concrete | 6 | \$ 85.00 | \$ 70,910.40  |
| Lafayette Blvd    | University Ave                | Paris Ave                     | 359.04  | 0.068 | Concrete | 6 | \$ 85.00 | \$ 30,518.40  |
| Lafayette Blvd    | Paris Ave                     | College Ave                   | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,337.60  |
| Lafayette Blvd    | Rose Ave                      | Mark Ave                      | 290.4   | 0.055 | Concrete | 6 | \$ 85.00 | \$ 24,684.00  |
| Lafayette St      | Brest Ave                     | Old Goddard Rd                | 1203.84 | 0.228 | Concrete | 6 | \$ 85.00 | \$ 102,326.40 |
| Lafayette St      | Old Goddard Rd                | Dead End                      | 285.12  | 0.054 | Concrete | 6 | \$ 85.00 | \$ 24,235.20  |
| LeBlanc Ave       | Hazel Ave                     | Dix Ave                       | 844.8   | 0.16  | Concrete | 6 | \$ 85.00 | \$ 71,808.00  |
| LeBlanc Ave       | Abbott Ave                    | Howard Ave                    | 786.72  | 0.149 | Concrete | 6 | \$ 85.00 | \$ 66,871.20  |
| LeBlanc Ave       | Ferris Ave                    | Wilson Ave                    | 770.88  | 0.146 | Concrete | 6 | \$ 85.00 | \$ 65,524.80  |
| LeBlanc Ave       | Wilson Ave                    | Gohl Rd                       | 776.16  | 0.147 | Concrete | 6 | \$ 85.00 | \$ 65,973.60  |
| LeBlanc Ave       | O'Connor Ave                  | Russell Ave                   | 718.08  | 0.136 | Concrete | 6 | \$ 85.00 | \$ 61,036.80  |
| Liberty Ave       | Abbott Ave                    | Howard Ave                    | 786.72  | 0.149 | Concrete | 6 | \$ 85.00 | \$ 66,871.20  |
| Liberty Ave       | Ferris Ave                    | Wilson Ave                    | 765.6   | 0.145 | Concrete | 6 | \$ 85.00 | \$ 65,076.00  |
| Liberty Ave       | Wilson Ave                    | Gohl Rd                       | 781.44  | 0.148 | Concrete | 6 | \$ 85.00 | \$ 66,472.40  |
| London Ave        | Abbott Ave                    | Howard Ave                    | 786.72  | 0.149 | Concrete | 6 | \$ 85.00 | \$ 66,871.20  |
| London Ave        | Howard Ave                    | Lafayette St                  | 654.72  | 0.124 | Concrete | 6 | \$ 85.00 | \$ 55,651.20  |
| London Ave        | Fort St                       | Chandler Ave                  | 242.88  | 0.046 | Concrete | 6 | \$ 85.00 | \$ 20,644.80  |
| London Ave        | Ferris Ave                    | Wilson Ave                    | 691.68  | 0.131 | Concrete | 6 | \$ 85.00 | \$ 58,792.80  |
| London Ave        | Wilson Ave                    | Merrill Ave                   | 617.76  | 0.117 | Concrete | 6 | \$ 85.00 | \$ 52,509.60  |
| Longtin Ave       | Ford Blvd                     | Saint Johns Blvd              | 908.16  | 0.172 | Concrete | 6 | \$ 85.00 | \$ 72,193.60  |
| Longtin Ave       | Saint Johns Blvd              | Dead End                      | 385.44  | 0.073 | Concrete | 6 | \$ 85.00 | \$ 32,762.40  |
| Longtin Ave       | Brest Ave                     | Old Goddard Rd                | 216.48  | 0.041 | Concrete | 6 | \$ 85.00 | \$ 18,400.80  |
| Mark Ave          | Bailey Ave                    | Champaign Rd                  | 881.76  | 0.167 | Concrete | 6 | \$ 85.00 | \$ 74,949.60  |
| Mark Ave          | Chandler Ave                  | Dead End                      | 628.32  | 0.119 | Concrete | 6 | \$ 85.00 | \$ 53,407.20  |
| Mayflower Ave     | Porter Ave                    | Ferris Ave                    | 205.92  | 0.039 | Concrete | 6 | \$ 85.00 | \$ 17,503.20  |
| Mayflower Ave     | Wilson Ave                    | Electric Ave                  | 691.68  | 0.131 | Concrete | 6 | \$ 85.00 | \$ 58,792.80  |
| Merrill Ave       | Abbott Ave                    | Howard Ave                    | 543.84  | 0.109 | Concrete | 6 | \$ 85.00 | \$ 46,226.40  |
| Merrill Ave       | Howard Ave                    | Lafayette St                  | 786.72  | 0.149 | Concrete | 6 | \$ 85.00 | \$ 66,871.20  |
| Merrill Ave       | Fort St                       | Ferris Ave                    | 649.44  | 0.123 | Concrete | 6 | \$ 85.00 | \$ 55,202.40  |
| Merrill Ave       | Ferris Ave                    | Wilson Ave                    | 792     | 0.15  | Concrete | 6 | \$ 85.00 | \$ 67,320.00  |
| Michigan Ave      | Wilson Ave                    | London Ave                    | 834.24  | 0.124 | Concrete | 6 | \$ 85.00 | \$ 55,651.20  |
| Montie Rd         | Hazel Ave                     | Dix Ave                       | 834.24  | 0.158 | Concrete | 6 | \$ 85.00 | \$ 70,910.40  |
| Montie Rd         | Dead End                      | Porter Ave                    | 237.6   | 0.045 | Concrete | 6 | \$ 85.00 | \$ 20,196.00  |
| Montie Rd         | Porter Ave                    | Dix Ave                       | 1019.04 | 0.193 | Concrete | 6 | \$ 85.00 | \$ 86,618.40  |
| Montie Rd         | Dix Ave                       | Frank Ave                     | 887.04  | 0.168 | Concrete | 6 | \$ 85.00 | \$ 75,398.40  |

|                |                               |                      |               |                |                |          |              |              |
|----------------|-------------------------------|----------------------|---------------|----------------|----------------|----------|--------------|--------------|
| Montie Rd      | Applewood Ave                 | Pingree Ave          | Empire Ave    | 295.68         | 0.056 Concrete | 6        | \$ 85.00     | \$ 25,132.80 |
| Montie Rd      | Pingree Ave                   | Empire Ave           | City/Twp Line | 300.96         | 0.057 Concrete | 6        | \$ 85.00     | \$ 25,581.60 |
| Moore Ave      | Vine Ave                      | City/Twp Line        | 422.4         | 0.08 Concrete  | 6              | \$ 85.00 | \$ 35,904.00 |              |
| Moore Ave      | City/Twp Line                 | London Ave           | 522.72        | 0.099 Concrete | 6              | \$ 85.00 | \$ 44,431.20 |              |
| Morris Ave     | Porter Ave                    | Dix Ave              | 1008.48       | 0.191 Concrete | 6              | \$ 85.00 | \$ 85,720.80 |              |
| Morris Ave     | Dix Ave                       | Frank Ave            | 892.32        | 0.169 Concrete | 6              | \$ 85.00 | \$ 75,847.20 |              |
| Myron Ave      | Howard Ave                    | Winchester Ave       | 839.52        | 0.159 Concrete | 6              | \$ 85.00 | \$ 71,359.20 |              |
| New York Ave   | Howard Ave                    | Lafayette St         | 649.44        | 0.123 Concrete | 6              | \$ 85.00 | \$ 55,202.40 |              |
| New York Ave   | Richmond Ave                  | Helen Ave            | 300.96        | 0.057 Concrete | 6              | \$ 85.00 | \$ 25,581.60 |              |
| Oceana Ave     | Riopelle Ave                  | City/Twp Line        | 274.56        | 0.052 Concrete | 6              | \$ 85.00 | \$ 23,337.60 |              |
| O'Connor Ave   | Porter Ave                    | Dead End             | 237.6         | 0.045 Concrete | 6              | \$ 85.00 | \$ 20,196.00 |              |
| O'Connor Ave   | O'Connor Ave - Surface Change | Electric Ave         | 52.8          | 0.01 Concrete  | 6              | \$ 85.00 | \$ 4,888.00  |              |
| Old Goddard Rd | Fort St                       | 23rd St              | 306.24        | 0.058 Concrete | 6              | \$ 85.00 | \$ 26,030.40 |              |
| Old Goddard Rd | 23rd St                       | 22nd St              | 401.28        | 0.076 Concrete | 6              | \$ 85.00 | \$ 34,108.80 |              |
| Old Goddard Rd | 22nd St                       | 21st St              | 427.68        | 0.081 Concrete | 6              | \$ 85.00 | \$ 36,352.80 |              |
| Old Goddard Rd | 21st St                       | Ferris Ave & 20th St | 200.64        | 0.038 Concrete | 6              | \$ 85.00 | \$ 17,054.40 |              |
| Old Goddard Rd | Ferris Ave & 20th St          | 19th St              | 322.08        | 0.061 Concrete | 6              | \$ 85.00 | \$ 27,376.80 |              |
| Old Goddard Rd | 19th St                       | 18th St              | 306.24        | 0.058 Concrete | 6              | \$ 85.00 | \$ 26,030.40 |              |
| Old Goddard Rd | 18th St                       | Wilson Ave & 17th St | 364.32        | 0.069 Concrete | 6              | \$ 85.00 | \$ 30,467.20 |              |
| Old Goddard Rd | Wilson Ave & 17th St          | 16th St              | 353.76        | 0.067 Concrete | 6              | \$ 85.00 | \$ 30,069.60 |              |
| Old Goddard Rd | 16th St                       | 15th St              | 300.96        | 0.057 Concrete | 6              | \$ 85.00 | \$ 25,581.60 |              |
| Olive Ave      | Dix Ave                       | Frank Ave            | 892.32        | 0.169 Concrete | 6              | \$ 85.00 | \$ 75,847.20 |              |
| Olive Ave      | Porter Ave                    | Dixford Ave          | 406.56        | 0.077 Concrete | 6              | \$ 85.00 | \$ 34,551.60 |              |
| Pagel Ave      | Hazel Ave                     | Dix Ave              | 828.96        | 0.157 Concrete | 6              | \$ 85.00 | \$ 70,461.60 |              |
| Paris Ave      | Dead End                      | Porter Ave           | 237.6         | 0.045 Concrete | 6              | \$ 85.00 | \$ 20,196.00 |              |
| Paris Ave      | Porter Ave                    | Dix Ave              | 1013.76       | 0.192 Concrete | 6              | \$ 85.00 | \$ 86,169.60 |              |
| Philomene Blvd | Dix Ave                       | Frank Ave            | 892.32        | 0.169 Concrete | 6              | \$ 85.00 | \$ 75,847.20 |              |
| Philomene Blvd | Abbott Ave                    | Porter St            | 739.2         | 0.14 Concrete  | 6              | \$ 85.00 | \$ 62,832.00 |              |
| Pingree Ave    | Porter St                     | Dix Ave              | 1029.6        | 0.195 Concrete | 6              | \$ 85.00 | \$ 87,516.00 |              |
| Pingree Ave    | Capitol Ave                   | Mayflower Ave        | 264           | 0.05 Concrete  | 6              | \$ 85.00 | \$ 72,440.00 |              |
| Porter Ave     | Horger Ave                    | Hanover Ave          | 274.56        | 0.052 Concrete | 6              | \$ 85.00 | \$ 23,337.60 |              |
| Porter Ave     | Hanover Ave                   | Anne Ave             | 274.56        | 0.052 Concrete | 6              | \$ 85.00 | \$ 23,337.60 |              |
| Porter Ave     | Anne Ave                      | Arlington Ave        | 279.84        | 0.053 Concrete | 6              | \$ 85.00 | \$ 23,786.40 |              |
| Porter Ave     | Montie Rd                     | Council Ave          | 274.56        | 0.052 Concrete | 6              | \$ 85.00 | \$ 23,337.60 |              |
| Porter Ave     | Brest Ave                     | Old Goddard Rd       | 1050.72       | 0.199 Concrete | 6              | \$ 85.00 | \$ 89,311.20 |              |
| Porter Ave     | Detroit Ave                   | Progress Ave         | 290.4         | 0.055 Concrete | 6              | \$ 85.00 | \$ 24,684.00 |              |
| Porter Ave     | Pagel Ave                     | Stewart Ave          | 274.56        | 0.052 Concrete | 6              | \$ 85.00 | \$ 23,337.60 |              |
| Porter Ave     | LeBlanc Ave                   | Michigan Ave         | 300.96        | 0.057 Concrete | 6              | \$ 85.00 | \$ 25,581.60 |              |
| Porter Ave     | Gregory Ave                   | Buckingham Ave       | 274.56        | 0.052 Concrete | 6              | \$ 85.00 | \$ 23,337.60 |              |
| Porter Ave     | Buckingham Ave                | Pagel Ave            | 279.84        | 0.053 Concrete | 6              | \$ 85.00 | \$ 23,786.40 |              |
| Porter St      | Philomene Blvd                | Cleophas Pkwy        | 300.96        | 0.057 Concrete | 6              | \$ 85.00 | \$ 25,581.60 |              |
| Porter St      | Markese Ave                   | Madain Ave           | 269.28        | 0.051 Concrete | 6              | \$ 85.00 | \$ 22,888.80 |              |
| Progress Ave   | Wayne St                      | Bailey Ave           | 638.88        | 0.121 Concrete | 6              | \$ 85.00 | \$ 54,304.80 |              |
| Progress Ave   | Porter Ave                    | Abbott Ave           | 660           | 0.125 Concrete | 6              | \$ 85.00 | \$ 56,100.00 |              |
| Progress Ave   | Alper Ave                     | Lafayette St         | 253.44        | 0.048 Concrete | 6              | \$ 85.00 | \$ 21,542.40 |              |
| Regina Ave     | Dix Ave                       | Madain Ave           | 570.24        | 0.108 Concrete | 6              | \$ 85.00 | \$ 48,470.40 |              |
| Regina Ave     | Riopelle Ave                  | City/Twp Line        | 269.28        | 0.051 Concrete | 6              | \$ 85.00 | \$ 22,888.80 |              |
| Reo Ave        | Dix Ave                       | Frank Ave            | 892.32        | 0.169 Concrete | 6              | \$ 85.00 | \$ 75,847.20 |              |
| Richmond Ave   | Meyer Ct                      | Hazel Ave            | 781.44        | 0.148 Concrete | 6              | \$ 85.00 | \$ 66,122.40 |              |
| Richmond Ave   | Richmond Ave                  | Lafayette St         | 649.44        | 0.123 Concrete | 6              | \$ 85.00 | \$ 55,202.40 |              |
| Riopelle Ave   | Angelique Ave                 | Oceana Ave           | 184.8         | 0.035 Concrete | 6              | \$ 85.00 | \$ 15,708.00 |              |
| Riopelle Ave   | Regina Ave                    | Madain Ave           | 179.52        | 0.034 Concrete | 6              | \$ 85.00 | \$ 15,259.20 |              |
| River Bank Ave | Dix Ave                       | Porter Ave           | 665.28        | 0.126 Concrete | 6              | \$ 85.00 | \$ 56,548.80 |              |

|                  |                |                |         |       |          |   |    |        |    |            |
|------------------|----------------|----------------|---------|-------|----------|---|----|--------|----|------------|
| River Bank Ave   | Abhatt Ave     | Howard Ave     | 781.44  | 0.148 | Concrete | 6 | \$ | 85.00  | \$ | 66,422.40  |
| River Bank Ave   | Howard Ave     | Lafayette St   | 649.44  | 0.123 | Concrete | 6 | \$ | 85.00  | \$ | 55,202.40  |
| River Bank Ave   | Lafayette St   | Fort St        | 918.72  | 0.174 | Concrete | 6 | \$ | 85.00  | \$ | 78,091.20  |
| River Ct         | Emmons Blvd    | River Dr       | 934.56  | 0.177 | Concrete | 6 | \$ | 85.00  | \$ | 79,437.60  |
| Rose Ave         | Bayley Ave     | Champaign Rd   | 823.68  | 0.156 | Concrete | 6 | \$ | 85.00  | \$ | 70,012.80  |
| Rose Ave         | Lafayette St   | Fort Park Blvd | 807.84  | 0.153 | Concrete | 6 | \$ | 85.00  | \$ | 68,666.40  |
| Russell Ave      | Frank Ave      | City/Top Line  | 121.44  | 0.023 | Concrete | 6 | \$ | 85.00  | \$ | 10,322.40  |
| Russell Ave      | Grant Ave      | Empire Ave     | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00  | \$ | 24,684.00  |
| Saint Johns Blvd | Heleen Ave     | Heleen Ave     | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00  | \$ | 22,888.80  |
| Saint Johns Blvd | Irene Ave      | Hazel Ave      | 264     | 0.05  | Concrete | 6 | \$ | 85.00  | \$ | 22,440.00  |
| Saint Johns Blvd | Hazel Ave      | Agnes Ave      | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00  | \$ | 23,337.60  |
| Saint Johns Blvd | Agnes Ave      | Longlin Ave    | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00  | \$ | 23,337.60  |
| Saint Johns Blvd | Longlin Ave    | Dix Ave        | 311.52  | 0.059 | Concrete | 6 | \$ | 85.00  | \$ | 26,479.20  |
| Saint Johns Blvd | Dix Ave        | Coolidge Ave   | 343.2   | 0.065 | Concrete | 6 | \$ | 85.00  | \$ | 29,177.00  |
| Saint Johns Blvd | Coolidge Ave   | Dead End       | 543.84  | 0.103 | Concrete | 6 | \$ | 85.00  | \$ | 46,226.40  |
| Stewart Ave      | Applewood Ave  | Laclede Blvd   | 311.52  | 0.059 | Concrete | 6 | \$ | 85.00  | \$ | 26,479.20  |
| Stewart Ave      | Laclede Blvd   | Elliott Ave    | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00  | \$ | 26,928.00  |
| Stewart Ave      | Elliott Ave    | River Dr       | 607.2   | 0.115 | Concrete | 6 | \$ | 85.00  | \$ | 51,612.00  |
| Stewart Ave      | Fort St        | Ferris Ave     | 723.36  | 0.137 | Concrete | 6 | \$ | 85.00  | \$ | 61,485.60  |
| Stewart Ave      | Ferris Ave     | Wilson Ave     | 656.96  | 0.132 | Concrete | 6 | \$ | 85.00  | \$ | 59,241.60  |
| Thomas Ave       | Champaign Rd   | Riopelle Ave   | 1061.28 | 0.201 | Concrete | 6 | \$ | 85.00  | \$ | 90,208.80  |
| University Ave   | Dead End       | Porter Ave     | 237.6   | 0.045 | Concrete | 6 | \$ | 85.00  | \$ | 20,196.00  |
| University Ave   | Porter Ave     | Dix Ave        | 1008.48 | 0.191 | Concrete | 6 | \$ | 85.00  | \$ | 85,720.80  |
| University Ave   | Frank Ave      | City/Top Line  | 121.44  | 0.023 | Concrete | 6 | \$ | 85.00  | \$ | 10,322.40  |
| University Ave   | Lafayette Blvd | Howard St      | 675.84  | 0.128 | Concrete | 6 | \$ | 85.00  | \$ | 52,446.40  |
| Washington Ave   | Park Ave       | Cleophas Pkwy  | 264     | 0.05  | Concrete | 6 | \$ | 85.00  | \$ | 22,440.00  |
| Washington Ave   | Cleophas Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ | 85.00  | \$ | 22,440.00  |
| Wayne St         | Detroit Ave    | Progress Ave   | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00  | \$ | 25,561.60  |
| Wilson Ave       | Cleophas Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ | 85.00  | \$ | 22,440.00  |
| Wilson Ave       | Lincoln Blvd   | Garfield Ave   | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00  | \$ | 25,561.60  |
| Wilson Ave       | Moran Ave      | River Bank Ave | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00  | \$ | 26,030.40  |
| Wilson Ave       | Kings Hwy      | Emmons Blvd    | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00  | \$ | 25,132.80  |
| Wilson Ave       | Winchester Ave | New York Ave   | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00  | \$ | 66,871.20  |
| Winchester Ave   | Howard Ave     | Cut-De-Sac     | 850.08  | 0.161 | Concrete | 6 | \$ | 85.00  | \$ | 72,256.80  |
| Winchester Ave   | Howard Ave     | Cut-De-Sac     | 158.4   | 0.03  | Concrete | 6 | \$ | 85.00  | \$ | 13,464.00  |
| Winchester Ave   | Garfield Ave   | White St       | 264     | 0.05  | Concrete | 6 | \$ | 125.00 | \$ | 33,000.00  |
| Winchester Ave   | White St       | Philomene Blvd | 216.48  | 0.041 | Concrete | 5 | \$ | 125.00 | \$ | 27,060.00  |
| Winchester Ave   | London Ave     | Capitol Ave    | 285.12  | 0.054 | Concrete | 5 | \$ | 125.00 | \$ | 35,640.00  |
| Winchester Ave   | Detroit Ave    | Progress Ave   | 290.4   | 0.055 | Concrete | 5 | \$ | 125.00 | \$ | 36,300.00  |
| Winchester Ave   | Progress Ave   | Rose Ave       | 253.44  | 0.048 | Concrete | 5 | \$ | 125.00 | \$ | 31,680.00  |
| Winchester Ave   | Buckingham Ave | Pagel Ave      | 279.84  | 0.053 | Concrete | 5 | \$ | 125.00 | \$ | 34,980.00  |
| Winchester Ave   | Pagel Ave      | River Bank Ave | 274.56  | 0.052 | Concrete | 5 | \$ | 125.00 | \$ | 34,120.00  |
| Winchester Ave   | River Bank Ave | Kings Hwy      | 274.56  | 0.052 | Concrete | 5 | \$ | 125.00 | \$ | 34,320.00  |
| Winchester Ave   | Winchester Ave | New York Ave   | 300.96  | 0.057 | Concrete | 5 | \$ | 125.00 | \$ | 37,620.00  |
| Winchester Ave   | New York Ave   | Liberty Ave    | 285.12  | 0.054 | Concrete | 5 | \$ | 125.00 | \$ | 35,640.00  |
| Winchester Ave   | Liberty Ave    | Gregory Ave    | 274.56  | 0.052 | Concrete | 5 | \$ | 125.00 | \$ | 34,320.00  |
| Winchester Ave   | Gregory Ave    | Buckingham Ave | 274.56  | 0.052 | Concrete | 5 | \$ | 125.00 | \$ | 34,320.00  |
| Winchester Ave   | Dix Ave        | Porter Ave     | 1003.2  | 0.19  | Concrete | 5 | \$ | 125.00 | \$ | 125,400.00 |
| Winchester Ave   | Porter Ave     | Dead End       | 237.6   | 0.045 | Concrete | 5 | \$ | 125.00 | \$ | 29,700.00  |
| Winchester Ave   | Detroit Ave    | Champaign Rd   | 348.48  | 0.066 | Concrete | 5 | \$ | 125.00 | \$ | 43,560.00  |
| Winchester Ave   | Mill St        | Cleveland Ave  | 269.28  | 0.051 | Concrete | 5 | \$ | 125.00 | \$ | 43,660.00  |
| Winchester Ave   | Electric Ave   | Electric Ave   | 89.76   | 0.017 | Concrete | 5 | \$ | 125.00 | \$ | 11,220.00  |



|                 |                                 |                               |         |       |          |    |           |    |            |
|-----------------|---------------------------------|-------------------------------|---------|-------|----------|----|-----------|----|------------|
| Austin Ave      | Cicotte Ave                     | Montie Rd                     | 971.52  | 0.184 | Concrete | \$ | \$ 125.00 | \$ | 121,400.00 |
| Brest Ave       | Helen Ave                       | Helen Ave                     | 42.24   | 0.008 | Concrete | \$ | \$ 125.00 | \$ | 5,280.00   |
| Brest Ave       | Helen Ave                       | Irene Ave                     | 221.76  | 0.042 | Concrete | \$ | \$ 125.00 | \$ | 27,720.00  |
| Brest Ave       | Agnes Ave                       | Longin Ave                    | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Brest Ave       | Brest Ave - Surface Change      | Dix Ave                       | 10.56   | 0.002 | Concrete | \$ | \$ 125.00 | \$ | 1,320.00   |
| Brest Ave       | Dix Ave                         | Coolidge Ave                  | 316.8   | 0.06  | Concrete | \$ | \$ 125.00 | \$ | 39,600.00  |
| Brest Ave       | Coolidge Ave                    | Porter Ave                    | 285.12  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Brouseville Ave | Porter Ave                      | Burns Ave                     | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Buckingham Ave  | Fort St                         | Old Goddard Rd                | 1230.24 | 0.233 | Concrete | \$ | \$ 125.00 | \$ | 153,780.00 |
| Buckingham Ave  | Ferris Ave                      | Wilson Ave                    | 675.84  | 0.128 | Concrete | \$ | \$ 125.00 | \$ | 84,480.00  |
| Buckingham Ave  | Wilson Ave                      | Liberty Ave & Electric Ave    | 776.16  | 0.147 | Concrete | \$ | \$ 125.00 | \$ | 97,020.00  |
| Burns Ave       | Gohl Rd                         |                               | 786.72  | 0.149 | Concrete | \$ | \$ 125.00 | \$ | 98,340.00  |
| Burns Ave       | Brest Ave                       | Old Goddard Rd                | 538.56  | 0.102 | Concrete | \$ | \$ 125.00 | \$ | 67,120.00  |
| Capitol Ave     | Green Ave                       | Howard Ave                    | 1129.92 | 0.214 | Concrete | \$ | \$ 125.00 | \$ | 141,240.00 |
| Capitol Ave     | Howard Ave                      | Alper Ave                     | 348.48  | 0.066 | Concrete | \$ | \$ 125.00 | \$ | 43,560.00  |
| Capitol Ave     | Electric Ave                    | Alper Ave                     | 343.2   | 0.065 | Concrete | \$ | \$ 125.00 | \$ | 42,900.00  |
| Capitol Ave     | Applewood Ave                   | Pingree Ave                   | 137.28  | 0.026 | Concrete | \$ | \$ 125.00 | \$ | 17,160.00  |
| Capitol Ave     | Wilson Ave                      | Ferris Ave                    | 633.6   | 0.12  | Concrete | \$ | \$ 125.00 | \$ | 79,200.00  |
| Champaign Rd    | Washington Ave                  | Washington Ave                | 612.48  | 0.118 | Concrete | \$ | \$ 125.00 | \$ | 77,880.00  |
| Champaign Rd    | Pingree Ave                     | Pingree Ave                   | 628.32  | 0.119 | Concrete | \$ | \$ 125.00 | \$ | 76,560.00  |
| Chandler Ave    | Cleveland Ave                   | Applewood Ave                 | 633.6   | 0.12  | Concrete | \$ | \$ 125.00 | \$ | 79,200.00  |
| Chandler Ave    | Lincoln Blvd                    | Garfield Ave                  | 300.96  | 0.057 | Concrete | \$ | \$ 125.00 | \$ | 37,620.00  |
| Cicotte Ave     | John A Papalas Dr               | Consolidated Rail Corporation | 316.8   | 0.06  | Concrete | \$ | \$ 125.00 | \$ | 39,600.00  |
| Cicotte Ave     | Consolidated Rail Corporation   | Porter Ave                    | 369.6   | 0.07  | Concrete | \$ | \$ 125.00 | \$ | 46,200.00  |
| Cleophus Pkwy   | Cleophus Pkwy - Surface Change  | Lafayette Blvd                | 675.84  | 0.128 | Concrete | \$ | \$ 125.00 | \$ | 84,480.00  |
| Cleophus Pkwy   | Elliot Ave                      | Applewood Ave                 | 881.76  | 0.167 | Concrete | \$ | \$ 125.00 | \$ | 116,200.00 |
| Cleophus Pkwy   | Applewood Ave                   | Washington Ave                | 617.76  | 0.117 | Concrete | \$ | \$ 125.00 | \$ | 77,220.00  |
| Cleophus Pkwy   | Washington Ave                  | Wilson Ave                    | 1261.92 | 0.239 | Concrete | \$ | \$ 125.00 | \$ | 157,740.00 |
| Cleophus Pkwy   | Wilson Ave                      | Ferris Ave                    | 607.2   | 0.115 | Concrete | \$ | \$ 125.00 | \$ | 75,900.00  |
| Cleveland Ave   | Abbott Ave                      | Porter St                     | 623.04  | 0.118 | Concrete | \$ | \$ 125.00 | \$ | 77,880.00  |
| Cleveland Ave   | Dix Ave                         | Riopelle Ave                  | 770.88  | 0.146 | Concrete | \$ | \$ 125.00 | \$ | 96,360.00  |
| Cleveland Ave   | Lafayette Blvd                  | Howard St                     | 929.28  | 0.176 | Concrete | \$ | \$ 125.00 | \$ | 116,160.00 |
| Cleveland Ave   | Washington Ave                  | Wilson Ave                    | 797.28  | 0.151 | Concrete | \$ | \$ 125.00 | \$ | 99,660.00  |
| Cloverlawn Ave  | Cloverlawn Ave - surface Change | Ferris Ave                    | 612.48  | 0.116 | Concrete | \$ | \$ 125.00 | \$ | 76,560.00  |
| Cloverlawn Ave  | Lafayette St                    | Fort Park Blvd                | 1061.28 | 0.201 | Concrete | \$ | \$ 125.00 | \$ | 132,660.00 |
| Detroit Ave     | Porter Ave                      | Abbott Ave                    | 749.76  | 0.142 | Concrete | \$ | \$ 125.00 | \$ | 93,720.00  |
| Detroit Ave     | Detroit Ave - Surface Change    | Ferris Ave                    | 660     | 0.125 | Concrete | \$ | \$ 125.00 | \$ | 82,500.00  |
| Detroit Ave     | Ferris Ave                      | Wilson Ave                    | 538.56  | 0.102 | Concrete | \$ | \$ 125.00 | \$ | 67,320.00  |
| Detroit Ave     | Electric Ave                    | Washington Ave                | 623.04  | 0.118 | Concrete | \$ | \$ 125.00 | \$ | 77,880.00  |
| Detroit Ave     | Detroit Ct                      | Pingree Ave                   | 137.28  | 0.026 | Concrete | \$ | \$ 125.00 | \$ | 17,160.00  |
| Detroit Ave     | Pingree Ave                     | Applewood Ave                 | 316.8   | 0.06  | Concrete | \$ | \$ 125.00 | \$ | 39,600.00  |
| Detroit Ave     | Applewood Ave                   | Elliot Ave                    | 628.32  | 0.119 | Concrete | \$ | \$ 125.00 | \$ | 78,540.00  |
| Dixford Ave     | Olive Ave                       | Dead End                      | 617.76  | 0.117 | Concrete | \$ | \$ 125.00 | \$ | 77,220.00  |
| Electric Ave    | Southfield Rd                   | Arlington Ave                 | 121.44  | 0.023 | Concrete | \$ | \$ 125.00 | \$ | 15,180.00  |
| Electric Ave    | Arlington Ave                   | OConnor Ave                   | 406.56  | 0.077 | Concrete | \$ | \$ 125.00 | \$ | 50,820.00  |
| Electric Ave    | Park Ave                        | Southfield Rd                 | 469.92  | 0.089 | Concrete | \$ | \$ 125.00 | \$ | 58,740.00  |
| Electric Ave    | Marcell Ave                     | Capitol Ave                   | 469.92  | 0.089 | Concrete | \$ | \$ 125.00 | \$ | 58,740.00  |
| Electric Ave    | Papel Ave                       | Electric Ave - surface Change | 422.4   | 0.08  | Concrete | \$ | \$ 125.00 | \$ | 52,800.00  |
| Electric Ave    | Moran Ave                       | River Bank Ave                | 42.24   | 0.008 | Concrete | \$ | \$ 125.00 | \$ | 5,280.00   |
| Electric Ave    | Emmons Blvd                     | Winchester Ave                | 322.08  | 0.061 | Concrete | \$ | \$ 125.00 | \$ | 40,260.00  |
| Electric Ave    | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | \$ | \$ 125.00 | \$ | 39,600.00  |
| Electric Ave    |                                 | Winchester Ave                | 316.8   | 0.06  | Concrete | \$ | \$ 125.00 | \$ | 39,600.00  |

|              |                          |                               |         |       |          |    |           |    |            |
|--------------|--------------------------|-------------------------------|---------|-------|----------|----|-----------|----|------------|
| Electric Ave | New York Ave             | Liberty Ave                   | 369.6   | 0.07  | Concrete | \$ | \$ 125.00 | \$ | 46,200.00  |
| Elliott Ave  | Mayflower Ave            | Detroit Ave                   | 264     | 0.05  | Concrete | \$ | \$ 125.00 | \$ | 33,000.00  |
| Elliott Ave  | Detroit Ave              | Champaign Rd                  | 311.52  | 0.059 | Concrete | \$ | \$ 125.00 | \$ | 38,940.00  |
| Elliott Ave  | Pagel Ave                | Stewart Ave                   | 229.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Empire Ave   | Stewart Ave              | Capitol Ave                   | 295.68  | 0.056 | Concrete | \$ | \$ 125.00 | \$ | 36,960.00  |
| Empire Ave   | O'Connor Ave             | Russell Ave                   | 718.08  | 0.136 | Concrete | \$ | \$ 125.00 | \$ | 89,760.00  |
| Eucld Ave    | Dix Ave                  | Frank Ave                     | 892.32  | 0.169 | Concrete | \$ | \$ 125.00 | \$ | 111,540.00 |
| Eucld Ave    | Dead End                 | Porter Ave                    | 237.6   | 0.045 | Concrete | \$ | \$ 125.00 | \$ | 29,700.00  |
| Farnham Ave  | River Dr                 | Elliott Ave                   | 712.8   | 0.135 | Concrete | \$ | \$ 125.00 | \$ | 89,100.00  |
| Farnham Ave  | Elliott Ave              | Applewood Ave                 | 617.76  | 0.117 | Concrete | \$ | \$ 125.00 | \$ | 77,220.00  |
| Farnham Ave  | Applewood Ave            | Pingree Ave                   | 633.6   | 0.12  | Concrete | \$ | \$ 125.00 | \$ | 79,200.00  |
| Farnham Ave  | Pingree Ave              | Washington Ave                | 628.32  | 0.119 | Concrete | \$ | \$ 125.00 | \$ | 78,540.00  |
| Farnham Ave  | Washington Ave           | Wilson Ave                    | 607.2   | 0.115 | Concrete | \$ | \$ 125.00 | \$ | 75,900.00  |
| Farnham Ave  | Wilson Ave               | Ferris Ave                    | 617.76  | 0.117 | Concrete | \$ | \$ 125.00 | \$ | 77,220.00  |
| Farnham Ave  | Ferris Ave               | Chandler Ave                  | 691.68  | 0.131 | Concrete | \$ | \$ 125.00 | \$ | 86,460.00  |
| Farnham Ave  | Chandler Ave             | Fort St                       | 860.64  | 0.163 | Concrete | \$ | \$ 125.00 | \$ | 107,580.00 |
| Ferris Ave   | Old Goddard Rd & 20th St | Dead End                      | 512.16  | 0.097 | Concrete | \$ | \$ 125.00 | \$ | 64,020.00  |
| Ferris Ave   | Mail St                  | Cleveland Ave                 | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Ferris Ave   | Cleveland Ave            | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | \$ | \$ 125.00 | \$ | 37,620.00  |
| Ferris Ave   | Cleophus Pkwy            | Southfield Rd                 | 769.28  | 0.051 | Concrete | \$ | \$ 125.00 | \$ | 33,660.00  |
| Ferris Ave   | Harrison Blvd            | Cloverlawn Ave                | 343.2   | 0.065 | Concrete | \$ | \$ 125.00 | \$ | 42,900.00  |
| Ferris Ave   | Kings Hwy                | Emmons Blvd                   | 295.68  | 0.056 | Concrete | \$ | \$ 125.00 | \$ | 36,960.00  |
| Ford Blvd    | Dix Ave                  | Abbot Ave                     | 1341.12 | 0.254 | Concrete | \$ | \$ 125.00 | \$ | 161,640.00 |
| Ford Blvd    | Abbot Ave                | Howard Ave                    | 786.72  | 0.149 | Concrete | \$ | \$ 125.00 | \$ | 98,340.00  |
| Ford Blvd    | Howard Ave               | Lafayette St                  | 628.32  | 0.119 | Concrete | \$ | \$ 125.00 | \$ | 78,540.00  |
| Ford Blvd    | Longtin Ave              | Dix Ave                       | 306.24  | 0.058 | Concrete | \$ | \$ 125.00 | \$ | 38,280.00  |
| Ford Blvd    | Ferris Ave               | Wilson Ave                    | 770.88  | 0.146 | Concrete | \$ | \$ 125.00 | \$ | 96,360.00  |
| Frank Ave    | Ruth Ave                 | Olive Ave                     | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Olive Ave                | Charter Ave                   | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Charter Ave              | Council Ave                   | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Montie Rd                | Montie Rd                     | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Frank Ave    | Reo Ave                  | Morris Ave                    | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Paris Ave                | University Ave                | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Frank Ave    | Keppen Blvd              | Russell Ave                   | 285.12  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Garfield Ave | Howard St                | Dead End                      | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Garfield Ave | Fort St                  | Fort Park Blvd                | 168.96  | 0.037 | Concrete | \$ | \$ 125.00 | \$ | 21,120.00  |
| Garfield Ave | River Dr                 | Elliott Ave                   | 427.68  | 0.081 | Concrete | \$ | \$ 125.00 | \$ | 53,460.00  |
| Gohl Rd      | Kings Hwy                | Emmons Blvd                   | 686.4   | 0.13  | Concrete | \$ | \$ 125.00 | \$ | 85,800.00  |
| Gregory Ave  | Dix Ave                  | Porter Ave                    | 295.68  | 0.056 | Concrete | \$ | \$ 125.00 | \$ | 36,960.00  |
| Gregory Ave  | Howard Ave               | Lafayette St                  | 675.84  | 0.128 | Concrete | \$ | \$ 125.00 | \$ | 84,480.00  |
| Hamilton Ave | Lafayette St             | Fort Park Blvd                | 669.44  | 0.123 | Concrete | \$ | \$ 125.00 | \$ | 81,180.00  |
| Hamilton Ave | Dixford Ave              | Raupp Pl                      | 649.44  | 0.123 | Concrete | \$ | \$ 125.00 | \$ | 81,180.00  |
| Hanford Ave  | Dix Ave                  | Frank Ave                     | 892.32  | 0.169 | Concrete | \$ | \$ 125.00 | \$ | 111,540.00 |
| Hanford Ave  | Frank Ave                | City/Twp Line                 | 126.72  | 0.024 | Concrete | \$ | \$ 125.00 | \$ | 15,840.00  |
| Hartwick Hwy | Bailey Ave               | Wayne St                      | 604.16  | 0.122 | Concrete | \$ | \$ 125.00 | \$ | 80,520.00  |
| Hazel Ave    | Meyer Ct                 | Richmond Ave                  | 295.68  | 0.056 | Concrete | \$ | \$ 125.00 | \$ | 36,960.00  |
| Hazel Ave    | Old Goddard Rd           | Hazel Ave Bridge              | 300.96  | 0.057 | Concrete | \$ | \$ 125.00 | \$ | 37,620.00  |
| Highland Ave | Fort St                  | Ferris Ave                    | 897.6   | 0.17  | Concrete | \$ | \$ 125.00 | \$ | 112,200.00 |
| Highland Ave | Ferris Ave               | Wilson Ave                    | 770.88  | 0.146 | Concrete | \$ | \$ 125.00 | \$ | 96,360.00  |
| Highland Ave | Wilson Ave               | Highland Ave - Surface Change | 744.48  | 0.141 | Concrete | \$ | \$ 125.00 | \$ | 93,060.00  |
| Highland Ave | Electric Ave             | River Dr & Shore Dr           | 517.44  | 0.098 | Concrete | \$ | \$ 125.00 | \$ | 64,680.00  |



|                |                               |                                    |         |       |          |    |           |    |            |
|----------------|-------------------------------|------------------------------------|---------|-------|----------|----|-----------|----|------------|
| Highland Ave   | Emmons Blvd & Shore Dr        | River Dr                           | 1119.36 | 0.212 | Concrete | \$ | \$ 125.00 | \$ | 139,920.00 |
| Hoover Ave     | Champaign Rd                  | Bailey Ave                         | 422.4   | 0.08  | Concrete | \$ | \$ 125.00 | \$ | 52,800.00  |
| Howard Ave     | Stewart Ave                   | Merrill Ave                        | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Howard Ave     | London Ave                    | Capitol Ave                        | 285.12  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Howard Ave     | Old Goddard Rd                | Saint Johns Blvd                   | 253.44  | 0.048 | Concrete | \$ | \$ 125.00 | \$ | 31,680.00  |
| Howard Ave     | Saint Johns Blvd              | Fort Blvd                          | 306.24  | 0.058 | Concrete | \$ | \$ 125.00 | \$ | 38,280.00  |
| Howard Ave     | Winchester Ave                | New York Ave                       | 295.68  | 0.056 | Concrete | \$ | \$ 125.00 | \$ | 36,960.00  |
| Howard Ave     | New York Ave                  | Liberty Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Howard St      | Champaign Rd                  | Gregory Ave                        | 279.84  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Howard St      | McLain Ave                    | McLain Ave                         | 285.12  | 0.051 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Howard St      | Mill St                       | Mill St                            | 269.28  | 0.048 | Concrete | \$ | \$ 125.00 | \$ | 31,680.00  |
| Howard St      | Cleveland Ave                 | Cleveland Ave                      | 253.44  | 0.049 | Concrete | \$ | \$ 125.00 | \$ | 32,340.00  |
| Howard St      | Howard St - Surface Change    | Philomene Blvd                     | 258.72  | 0.065 | Concrete | \$ | \$ 125.00 | \$ | 42,900.00  |
| Howard St      | Lafayette Blvd                | Howard St                          | 343.2   | 0.127 | Concrete | \$ | \$ 125.00 | \$ | 83,820.00  |
| Kings Hwy      | Fort St                       | Ferris Ave                         | 865.92  | 0.166 | Concrete | \$ | \$ 125.00 | \$ | 108,240.00 |
| Kings Hwy      | Wilson Ave                    | Wilson Ave                         | 770.88  | 0.146 | Concrete | \$ | \$ 125.00 | \$ | 96,360.00  |
| Lafayette Blvd | Wilson Ave                    | Gohl Rd                            | 776.16  | 0.147 | Concrete | \$ | \$ 125.00 | \$ | 97,020.00  |
| Lafayette Blvd | Keppen Blvd                   | Hanford Ave                        | 285.12  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Lafayette Blvd | Hanford Ave                   | Cicotte Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Lafayette Blvd | Montie Rd                     | Charter Ave & N 175/Lafayette RAMP | 448.8   | 0.085 | Concrete | \$ | \$ 125.00 | \$ | 56,100.00  |
| Lafayette Blvd | Cicotte Ave                   | University Ave                     | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Lafayette Blvd | Reo Ave                       | Demean Ave                         | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Lafayette Blvd | London Ave                    | Capitol Ave                        | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 36,300.00  |
| Lafayette Blvd | Capitol Ave                   | Mayflower Ave                      | 285.12  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Lafayette Blvd | Mayflower Ave                 | Detroit Ave                        | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 36,300.00  |
| Lafayette Blvd | Detroit Ave                   | Progress Ave                       | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 36,300.00  |
| Lafayette Blvd | Mark Ave                      | Champaign Rd & Lafayette Blvd      | 475.2   | 0.09  | Concrete | \$ | \$ 125.00 | \$ | 59,400.00  |
| Lafayette St   | Stewart Ave                   | Merrill Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Lafayette St   | New York Ave                  | Liberty Ave                        | 279.84  | 0.051 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Lafayette St   | Buckingham Ave                | Pagel Ave                          | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Lafayette St   | Fort Blvd                     | LeBlanc Ave                        | 353.76  | 0.067 | Concrete | \$ | \$ 125.00 | \$ | 44,220.00  |
| Lafayette St   | Michigan Ave                  | Moran Ave                          | 311.52  | 0.059 | Concrete | \$ | \$ 125.00 | \$ | 38,940.00  |
| LeBlanc Ave    | Gohl Rd                       | Electric Ave & River Dr            | 1388.64 | 0.263 | Concrete | \$ | \$ 125.00 | \$ | 173,580.00 |
| LeBlanc Ave    | Russell Ave                   | Cicotte Ave                        | 660     | 0.125 | Concrete | \$ | \$ 125.00 | \$ | 82,500.00  |
| Liberty Ave    | Electric Ave & Buckingham Ave | Electric Ave                       | 110.88  | 0.021 | Concrete | \$ | \$ 125.00 | \$ | 13,860.00  |
| Liberty Ave    | Fort St                       | Ferris Ave                         | 723.36  | 0.137 | Concrete | \$ | \$ 125.00 | \$ | 90,420.00  |
| Lincoln Ave    | Howard St                     | Mill St & Cleveland Ave            | 591.36  | 0.112 | Concrete | \$ | \$ 125.00 | \$ | 73,920.00  |
| London Ave     | Moore Ave                     | Consolidated Rail Corporation      | 68.64   | 0.013 | Concrete | \$ | \$ 125.00 | \$ | 8,580.00   |
| London Ave     | Lafayette St                  | Fort Park Blvd                     | 670.56  | 0.127 | Concrete | \$ | \$ 125.00 | \$ | 83,820.00  |
| London Ave     | Fort Park Blvd                | Fort St                            | 517.44  | 0.098 | Concrete | \$ | \$ 125.00 | \$ | 64,680.00  |
| Markeese Ave   | Riopelle Ave                  | Dix Ave                            | 1298.88 | 0.246 | Concrete | \$ | \$ 125.00 | \$ | 162,360.00 |
| Markeese Ave   | Riopelle Ave                  | City/Twp Line                      | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Mayflower Ave  | Lafayette St                  | Fort Park Blvd                     | 723.36  | 0.137 | Concrete | \$ | \$ 125.00 | \$ | 90,420.00  |
| Mayflower Ave  | Detroit Ave                   | Mayflower Ct                       | 464.64  | 0.088 | Concrete | \$ | \$ 125.00 | \$ | 58,080.00  |
| Mayflower Ave  | Mayflower Ct                  | Alper Ave                          | 343.2   | 0.065 | Concrete | \$ | \$ 125.00 | \$ | 42,900.00  |
| McKinley Ave   | Park Ave                      | N M 39 & Southfield Rd & S M 39    | 454.08  | 0.086 | Concrete | \$ | \$ 125.00 | \$ | 56,760.00  |
| McLain Ave     | Porter St                     | Regina Ave                         | 137.28  | 0.026 | Concrete | \$ | \$ 125.00 | \$ | 17,160.00  |
| McLain Ave     | Dix Ave                       | Dix Ave                            | 596.64  | 0.113 | Concrete | \$ | \$ 125.00 | \$ | 74,580.00  |
| McLain Ave     | Dix Ave                       | Riopelle Ave                       | 1119.36 | 0.212 | Concrete | \$ | \$ 125.00 | \$ | 139,920.00 |
| Merrill Ave    | Electric Ave                  | Electric Ave & Pingree Ave         | 153.12  | 0.029 | Concrete | \$ | \$ 125.00 | \$ | 19,140.00  |
| Michigan Ave   | Fort St                       | Ferris Ave                         | 1008.48 | 0.191 | Concrete | \$ | \$ 125.00 | \$ | 126,060.00 |
| Mill St        | Porter St                     | Dix Ave                            | 823.68  | 0.156 | Concrete | \$ | \$ 125.00 | \$ | 102,960.00 |

|                |                                 |                             |         |       |          |    |           |    |            |
|----------------|---------------------------------|-----------------------------|---------|-------|----------|----|-----------|----|------------|
| Mill St        | Dix Ave                         | Riopelle Ave                | 1024.32 | 0.194 | Concrete | \$ | \$ 125.00 | \$ | 128,040.00 |
| Mill St        | Mill St - Surface Change        | Lincoln Ave & Cleveland Ave | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Mill St        | Fort St                         | Fort Park Blvd              | 417.12  | 0.079 | Concrete | \$ | \$ 125.00 | \$ | 52,140.00  |
| Montie Rd      | Lejeune Ave                     | Applewood Ave               | 374.88  | 0.071 | Concrete | \$ | \$ 125.00 | \$ | 46,860.00  |
| Montie Rd      | Grant Ave                       | Washington Ave              | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 36,300.00  |
| Myron Ave      | Washington Ave                  | Ethel Ave                   | 300.96  | 0.057 | Concrete | \$ | \$ 125.00 | \$ | 37,620.00  |
| New York Ave   | Emmons Ave                      | Abbott Ave                  | 897.6   | 0.17  | Concrete | \$ | \$ 125.00 | \$ | 112,200.00 |
| New York Ave   | Lafayette St                    | Fort Park Blvd              | 649.44  | 0.123 | Concrete | \$ | \$ 125.00 | \$ | 81,180.00  |
| Ocean Ave      | Pagel Ave                       | River Dr                    | 396     | 0.075 | Concrete | \$ | \$ 125.00 | \$ | 49,500.00  |
| OConnor Ave    | Champaign Rd                    | Riopelle Ave                | 696.96  | 0.132 | Concrete | \$ | \$ 125.00 | \$ | 87,120.00  |
| OConnor Ave    | Dix Ave                         | Porter Ave                  | 1008.48 | 0.191 | Concrete | \$ | \$ 125.00 | \$ | 126,060.00 |
| OConnor Ave    | Grant Ave                       | Washington Ave              | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 36,300.00  |
| OConnor Ave    | Ethel Ave                       | Wilson Ave                  | 295.68  | 0.056 | Concrete | \$ | \$ 125.00 | \$ | 36,960.00  |
| Pagel Ave      | Fort St                         | Ferris Ave                  | 686.4   | 0.13  | Concrete | \$ | \$ 125.00 | \$ | 85,800.00  |
| Pagel Ave      | Ferris Ave                      | Wilson Ave                  | 739.2   | 0.14  | Concrete | \$ | \$ 125.00 | \$ | 92,400.00  |
| Park Ave       | Ferris Ave                      | Austin Ave                  | 311.52  | 0.059 | Concrete | \$ | \$ 125.00 | \$ | 38,940.00  |
| Park Ave       | Austin Ave                      | Chandler Ave                | 327.36  | 0.062 | Concrete | \$ | \$ 125.00 | \$ | 40,920.00  |
| Park Ave       | Chandler Ave                    | Electric Ave                | 205.92  | 0.039 | Concrete | \$ | \$ 125.00 | \$ | 25,740.00  |
| Pingree Ave    | Cicotte Ave                     | Montie Rd                   | 628.32  | 0.119 | Concrete | \$ | \$ 125.00 | \$ | 78,540.00  |
| Porter Ave     | Council Ave                     | Charter Ave                 | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Porter Ave     | Charter Ave                     | Olive Ave                   | 216.48  | 0.041 | Concrete | \$ | \$ 125.00 | \$ | 27,060.00  |
| Porter Ave     | Merrill Ave                     | Richmond Ave                | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Porter Ave     | Richmond Ave                    | London Ave                  | 274.56  | 0.052 | Concrete | \$ | \$ 125.00 | \$ | 34,320.00  |
| Porter St      | Champaign Rd                    | Capital Ave                 | 279.84  | 0.053 | Concrete | \$ | \$ 125.00 | \$ | 34,980.00  |
| Porter St      | Mill St                         | Markese Ave                 | 311.52  | 0.059 | Concrete | \$ | \$ 125.00 | \$ | 38,940.00  |
| Progress Ave   | Rose Ave                        | Cleveland Ave               | 306.24  | 0.058 | Concrete | \$ | \$ 125.00 | \$ | 38,280.00  |
| Progress Ave   | Abbott Ave                      | Green Ave                   | 443.52  | 0.084 | Concrete | \$ | \$ 125.00 | \$ | 55,440.00  |
| Regina Ave     | Riopelle Ave                    | Dix Ave                     | 190.08  | 0.036 | Concrete | \$ | \$ 125.00 | \$ | 23,760.00  |
| Reo Ave        | Josephine Ave                   | Lafayette Blvd              | 1203.84 | 0.228 | Concrete | \$ | \$ 125.00 | \$ | 156,480.00 |
| Richmond Ave   | Malvina Ave                     | Meyer Ct                    | 179.52  | 0.034 | Concrete | \$ | \$ 125.00 | \$ | 22,440.00  |
| Richmond Ave   | Lafayette St                    | Fort Park Blvd              | 654.72  | 0.124 | Concrete | \$ | \$ 125.00 | \$ | 81,840.00  |
| Richmond Ave   | Fort Park Blvd                  | Fort St                     | 543.84  | 0.103 | Concrete | \$ | \$ 125.00 | \$ | 67,980.00  |
| Richmond Ave   | New York Ave                    | Buckingham Ave              | 844.8   | 0.16  | Concrete | \$ | \$ 125.00 | \$ | 105,600.00 |
| Riopelle Ave   | Ocean Ave                       | Malvina Ave                 | 781.44  | 0.148 | Concrete | \$ | \$ 125.00 | \$ | 97,680.00  |
| Riopelle Ave   | Ocean Ave                       | Thomas Ave                  | 100.32  | 0.019 | Concrete | \$ | \$ 125.00 | \$ | 12,540.00  |
| Riopelle Ave   | Thomas Ave                      | Thomas Ave                  | 184.8   | 0.035 | Concrete | \$ | \$ 125.00 | \$ | 23,100.00  |
| Riopelle Ave   | Thomas Ave                      | Markese Ave                 | 105.6   | 0.02  | Concrete | \$ | \$ 125.00 | \$ | 13,200.00  |
| Riopelle Ave   | White St                        | Philomene Blvd              | 184.8   | 0.035 | Concrete | \$ | \$ 125.00 | \$ | 23,100.00  |
| River Bank Ave | Hazel Ave                       | Dix Ave                     | 306.24  | 0.058 | Concrete | \$ | \$ 125.00 | \$ | 38,280.00  |
| River Bank Ave | Porter Ave                      | Abbott Ave                  | 828.96  | 0.157 | Concrete | \$ | \$ 125.00 | \$ | 103,620.00 |
| River Bank Ave | River Bank Ave - Surface Change | Gohl Rd                     | 654.72  | 0.124 | Concrete | \$ | \$ 125.00 | \$ | 81,840.00  |
| River Bank Ave | Gohl Rd                         | Electric Ave                | 749.76  | 0.142 | Concrete | \$ | \$ 125.00 | \$ | 93,720.00  |
| River Dr       | Emmons Blvd                     | River Ct                    | 1119.36 | 0.212 | Concrete | \$ | \$ 125.00 | \$ | 139,920.00 |
| Rose Ave       | Wayne St                        | N Shore Dr                  | 480.48  | 0.091 | Concrete | \$ | \$ 125.00 | \$ | 60,060.00  |
| Rose Ave       | Fort Park Blvd                  | Bailey Ave                  | 285.12  | 0.054 | Concrete | \$ | \$ 125.00 | \$ | 35,640.00  |
| Rose Ave       | Detroit Ave                     | Porter Ave                  | 406.56  | 0.077 | Concrete | \$ | \$ 125.00 | \$ | 79,200.00  |
| Rose Ave       | Progress Ave                    | Porter Ave                  | 306.24  | 0.058 | Concrete | \$ | \$ 125.00 | \$ | 50,820.00  |
| Russell Ave    | Dix Ave                         | Frank Ave                   | 617.76  | 0.117 | Concrete | \$ | \$ 125.00 | \$ | 38,280.00  |
| Russell Ave    | Lafayette Blvd                  | Howard St                   | 892.32  | 0.169 | Concrete | \$ | \$ 125.00 | \$ | 71,220.00  |
| Russell Ave    | Chandler Ave                    | Austin Ave                  | 675.84  | 0.128 | Concrete | \$ | \$ 125.00 | \$ | 111,540.00 |
| Russell Ave    | Chandler Ave                    | Austin Ave                  | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 84,480.00  |
| Russell Ave    | Chandler Ave                    | Austin Ave                  | 290.4   | 0.055 | Concrete | \$ | \$ 125.00 | \$ | 36,300.00  |

|                  |                |                             |                                |        |          |          |           |               |               |
|------------------|----------------|-----------------------------|--------------------------------|--------|----------|----------|-----------|---------------|---------------|
| Russell Ave      | Wilson Ave     | Ethel Ave                   | Washington Ave                 | 290.4  | 0.055    | Concrete | 5         | \$ 125.00     | \$ 36,300.00  |
| Russell Ave      | Ethel Ave      | Washington Ave              | Grant Ave                      | 295.68 | 0.056    | Concrete | 5         | \$ 125.00     | \$ 36,960.00  |
| Russell Ave      | Washington Ave | Empire Ave                  | Pingree Ave                    | 290.4  | 0.055    | Concrete | 5         | \$ 125.00     | \$ 36,300.00  |
| Russell Ave      | Pingree Ave    | Applewood Ave               | Drouillard Ave                 | 300.96 | 0.057    | Concrete | 5         | \$ 125.00     | \$ 37,620.00  |
| Saint Johns Blvd | Dead End       | Wayne St                    | Bailey Ave                     | 295.68 | 0.056    | Concrete | 5         | \$ 125.00     | \$ 36,960.00  |
| Schultz Ave      | Stewart Ave    | Abbott Ave                  | Howard Ave                     | 359.04 | 0.068    | Concrete | 5         | \$ 125.00     | \$ 44,880.00  |
| Stewart Ave      | Stewart Ave    | Fort Park Blvd              | Fort St                        | 638.88 | 0.121    | Concrete | 5         | \$ 125.00     | \$ 79,860.00  |
| Stewart Ave      | Lafayette St   | Fort Park Blvd              | Fort St                        | 786.72 | 0.149    | Concrete | 5         | \$ 125.00     | \$ 98,340.00  |
| Stewart Ave      | Fort Park Blvd | Fort St                     | City/Twp Line                  | 649.44 | 0.123    | Concrete | 5         | \$ 125.00     | \$ 67,320.00  |
| Thomas Ave       | Riopelle Ave   | City/Twp Line               | Frank Ave                      | 538.56 | 0.102    | Concrete | 5         | \$ 125.00     | \$ 34,320.00  |
| University Ave   | Dix Ave        | Dead End                    | 274.56                         | 0.052  | Concrete | 5        | \$ 125.00 | \$ 111,540.00 |               |
| Warwick Ave      | Porter Ave     | Progress Ave                | 237.6                          | 0.169  | Concrete | 5        | \$ 125.00 | \$ 29,700.00  |               |
| Washington Ave   | Detroit Ave    | Progress Ave                | 163.68                         | 0.005  | Concrete | 5        | \$ 125.00 | \$ 70,460.00  |               |
| Washington Ave   | Progress Ave   | Champaign Rd                | Farnham Ave                    | 269.28 | 0.031    | Concrete | 5         | \$ 125.00     | \$ 33,660.00  |
| Washington Ave   | Champaign Rd   | Farnham Ave                 | Mill St                        | 264    | 0.051    | Concrete | 5         | \$ 125.00     | \$ 33,000.00  |
| Washington Ave   | Farnham Ave    | Mill St                     | Cleveland Ave                  | 264    | 0.05     | Concrete | 5         | \$ 125.00     | \$ 33,000.00  |
| Washington Ave   | Cleveland Ave  | Lincoln Blvd                | Garfield Ave                   | 274.56 | 0.052    | Concrete | 5         | \$ 125.00     | \$ 34,320.00  |
| Washington Ave   | Lincoln Blvd   | Garfield Ave                | White Ave                      | 300.96 | 0.057    | Concrete | 5         | \$ 125.00     | \$ 37,620.00  |
| Washington Ave   | Garfield Ave   | White Ave                   | Park Ave                       | 295.68 | 0.056    | Concrete | 5         | \$ 125.00     | \$ 36,960.00  |
| Washington Ave   | White Ave      | Park Ave                    | Detroit Ave                    | 274.56 | 0.052    | Concrete | 5         | \$ 125.00     | \$ 34,320.00  |
| Wayne St         | Hartwick Hwy   | Detroit Ave                 | Rose Ave                       | 264    | 0.05     | Concrete | 5         | \$ 125.00     | \$ 33,000.00  |
| Wayne St         | Progress Ave   | Rose Ave                    | Riopelle Ave                   | 300.96 | 0.057    | Concrete | 5         | \$ 125.00     | \$ 37,620.00  |
| White St         | Dix Ave        | Riopelle Ave                | City/Twp Line                  | 295.68 | 0.056    | Concrete | 5         | \$ 125.00     | \$ 36,960.00  |
| White St         | Riopelle Ave   | City/Twp Line               | Mayflower Ave                  | 897.6  | 0.17     | Concrete | 5         | \$ 125.00     | \$ 112,200.00 |
| Wilson Ave       | Capitol Ave    | Mayflower Ave               | Detroit Ave                    | 153.12 | 0.029    | Concrete | 5         | \$ 125.00     | \$ 19,140.00  |
| Wilson Ave       | Mayflower Ave  | Detroit Ave                 | Progress Ave                   | 279.84 | 0.053    | Concrete | 5         | \$ 125.00     | \$ 34,980.00  |
| Wilson Ave       | Progress Ave   | Champaign Rd                | Merrill Ave                    | 269.28 | 0.051    | Concrete | 5         | \$ 125.00     | \$ 33,660.00  |
| Wilson Ave       | Stewart Ave    | London Ave                  | Capitol Ave                    | 190.08 | 0.036    | Concrete | 5         | \$ 125.00     | \$ 23,760.00  |
| Wilson Ave       | London Ave     | Capitol Ave                 | Highland Ave                   | 274.56 | 0.052    | Concrete | 5         | \$ 125.00     | \$ 34,320.00  |
| Wilson Ave       | River Bank Ave | Highland Ave                | Kings Hwy                      | 279.84 | 0.053    | Concrete | 5         | \$ 125.00     | \$ 34,980.00  |
| Wilson Ave       | Highland Ave   | New York Ave                | Liberty Ave                    | 274.56 | 0.052    | Concrete | 5         | \$ 125.00     | \$ 34,320.00  |
| Wilson Ave       | New York Ave   | Buckingham Ave              | Papel Ave                      | 290.4  | 0.055    | Concrete | 5         | \$ 125.00     | \$ 36,300.00  |
| Wilson Ave       | Buckingham Ave | Papel Ave                   | Stewart Ave                    | 269.28 | 0.051    | Concrete | 5         | \$ 125.00     | \$ 33,660.00  |
| Wilson Ave       | Papel Ave      | Winchester Ave & Emmons Ave | Abbott Ave                     | 316.8  | 0.06     | Concrete | 5         | \$ 125.00     | \$ 39,600.00  |
| Winchester Ave   | Myron Ave      | Winchester Ave & Emmons Ave | Abbott Ave                     | 279.84 | 0.053    | Concrete | 5         | \$ 125.00     | \$ 34,980.00  |
| Winchester Ave   | Emmons Ave     | Myron Ave                   | Detroit Ave                    | 211.2  | 0.04     | Concrete | 5         | \$ 125.00     | \$ 34,980.00  |
| Alper Ave        | Mayflower Ave  | Detroit Ave                 | Progress Ave                   | 834.24 | 0.158    | Concrete | 5         | \$ 125.00     | \$ 104,280.00 |
| Alper Ave        | Detroit Ave    | Progress Ave                | Road Block                     | 258.72 | 0.049    | Concrete | 5         | \$ 125.00     | \$ 32,400.00  |
| Alper Ave        | New York Ave   | Papel Ave                   | Cleveland Ave - Surface Change | 448.8  | 0.085    | Concrete | 4         | \$ 150.00     | \$ 67,320.00  |
| Applewood Ave    | Mayflower Ave  | Detroit Ave                 | Farnham Ave                    | 126.72 | 0.024    | Concrete | 4         | \$ 150.00     | \$ 19,008.00  |
| Applewood Ave    | Champaign Rd   | Mill St                     | Cleveland Ave - Surface Change | 517.44 | 0.098    | Concrete | 4         | \$ 150.00     | \$ 72,616.00  |
| Applewood Ave    | Farnham Ave    | Mill St                     | Cleveland Ave - Surface Change | 269.28 | 0.051    | Concrete | 4         | \$ 150.00     | \$ 40,392.00  |
| Applewood Ave    | Cleveland Ave  | Road Block                  | Chandler Ave                   | 258.72 | 0.049    | Concrete | 4         | \$ 150.00     | \$ 38,808.00  |
| Austin Ave       | Montie Rd      | Road Block                  | Chandler Ave                   | 269.28 | 0.051    | Concrete | 4         | \$ 150.00     | \$ 40,392.00  |
| Austin Ave       | Austin Ave     | Chandler Ave                | Green Ave                      | 153.12 | 0.029    | Concrete | 4         | \$ 150.00     | \$ 22,968.00  |
| Austin Ave       | Abbott Ave     | Green Ave                   | Lafayette St                   | 844.8  | 0.16     | Concrete | 4         | \$ 150.00     | \$ 126,720.00 |
| Capitol Ave      | Abbott Ave     | Green Ave                   | Lafayette St                   | 274.56 | 0.052    | Concrete | 4         | \$ 150.00     | \$ 41,184.00  |
| Capitol Ave      | Alper Ave      | Lafayette St                | Montie Rd                      | 448.8  | 0.085    | Concrete | 4         | \$ 150.00     | \$ 67,320.00  |
| Chandler Ave     | Cicotte Ave    | Montie Rd                   | Progress Ave                   | 322.08 | 0.061    | Concrete | 4         | \$ 150.00     | \$ 48,412.00  |
| Chandler Ave     | Detroit Ave    | Progress Ave                | 300.96                         | 0.198  | Concrete | 4        | \$ 150.00 | \$ 156,816.00 |               |
|                  |                |                             |                                | 0.057  | Concrete | 4        | \$ 150.00 | \$ 45,144.00  |               |

|                |                                       |                               |         |       |          |   |           |    |            |
|----------------|---------------------------------------|-------------------------------|---------|-------|----------|---|-----------|----|------------|
| Charter Ave    | Lafayette Blvd & N 175/Lafayette RAMP | Gorman Ave                    | 316.8   | 0.06  | Concrete | 4 | \$ 150.00 | \$ | 47,520.00  |
| Charter Ave    | Gorman Ave                            | Dead End                      | 390.72  | 0.074 | Concrete | 4 | \$ 150.00 | \$ | 58,608.00  |
| Cicotte Ave    | Grant Ave                             | Washington Ave                | 290.4   | 0.055 | Concrete | 4 | \$ 150.00 | \$ | 43,560.00  |
| Cleophas Pkwy  | Cleophas Pkwy - Surface Change        | Howard St                     | 184.8   | 0.035 | Concrete | 4 | \$ 150.00 | \$ | 27,720.00  |
| Cleveland Ave  | Wilson Ave                            | Ferris Ave                    | 617.76  | 0.117 | Concrete | 4 | \$ 150.00 | \$ | 92,664.00  |
| Demen Ave      | Lafayette Blvd                        | Pennsylvania Ave              | 406.56  | 0.077 | Concrete | 4 | \$ 150.00 | \$ | 60,984.00  |
| Detroit Ave    | Alper Ave                             | Detroit Ave                   | 58.08   | 0.011 | Concrete | 4 | \$ 150.00 | \$ | 8,712.00   |
| Detroit Ave    | Mayflower Ave                         | Alper Ave                     | 855.36  | 0.162 | Concrete | 4 | \$ 150.00 | \$ | 128,304.00 |
| Detroit Ave    | Electric Ave                          | Electric Ave                  | 142.56  | 0.027 | Concrete | 4 | \$ 150.00 | \$ | 21,384.00  |
| Detroit Ave    | Washington Ave                        | Detroit Ct                    | 316.8   | 0.06  | Concrete | 4 | \$ 150.00 | \$ | 47,520.00  |
| Detroit Ct     | Detroit Ave                           | Dead End                      | 147.84  | 0.028 | Concrete | 4 | \$ 150.00 | \$ | 22,176.00  |
| Drouillard Ave | Saint Johns Blvd                      | Dead End                      | 237.6   | 0.045 | Concrete | 4 | \$ 150.00 | \$ | 35,640.00  |
| Electric Ave   | Cicotte Ave                           | Montie Rd                     | 1114.08 | 0.211 | Concrete | 4 | \$ 150.00 | \$ | 167,112.00 |
| Electric Ave   | Arlington Ave                         | O'Connor Ave                  | 533.28  | 0.103 | Concrete | 4 | \$ 150.00 | \$ | 79,992.00  |
| Electric Ave   | Mayflower Ave                         | Detroit Ave                   | 337.92  | 0.064 | Concrete | 4 | \$ 150.00 | \$ | 50,688.00  |
| Electric Ave   | Winchester Ave                        | New York Ave                  | 311.52  | 0.059 | Concrete | 4 | \$ 150.00 | \$ | 46,728.00  |
| Electric Ave   | New York Ave                          | Liberty Ave & Buckingham Ave  | 337.92  | 0.064 | Concrete | 4 | \$ 150.00 | \$ | 50,688.00  |
| Front Line Rd  | Leblanc Ave                           | Michigan Blvd & Michigan Ave  | 295.68  | 0.058 | Concrete | 4 | \$ 150.00 | \$ | 44,352.00  |
| Front Line Rd  | Michigan Blvd & Michigan Ave          | Moran Rd & Moran Ave          | 295.68  | 0.058 | Concrete | 4 | \$ 150.00 | \$ | 44,352.00  |
| Garfield Ave   | Porter St                             | Abbott Ave                    | 739.2   | 0.14  | Concrete | 4 | \$ 150.00 | \$ | 110,880.00 |
| Gorman Ave     | Council Ave                           | Charter Ave                   | 269.28  | 0.051 | Concrete | 4 | \$ 150.00 | \$ | 40,392.00  |
| Green Ave      | Capitol Ave                           | Green Ave - Surface Change    | 221.76  | 0.042 | Concrete | 4 | \$ 150.00 | \$ | 37,264.00  |
| Green Ave      | Detroit Ave                           | Progress Ave                  | 353.76  | 0.067 | Concrete | 4 | \$ 150.00 | \$ | 53,064.00  |
| Green Ave      | Progress Ave                          | Progress Ave                  | 95.04   | 0.018 | Concrete | 4 | \$ 150.00 | \$ | 14,256.00  |
| Gregory Ave    | Hazel Ave                             | Dix Ave                       | 828.96  | 0.157 | Concrete | 4 | \$ 150.00 | \$ | 124,344.00 |
| Howard Ave     | Buckingham Ave                        | Pagel Ave                     | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ | 41,184.00  |
| Howard Ave     | Pagel Ave                             | Stewart Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ | 41,184.00  |
| Howard St      | Lincoln Ave                           | Garfield Ave                  | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ | 41,184.00  |
| Howard St      | Philomene Blvd                        | Cleophas Pkwy                 | 211.2   | 0.04  | Concrete | 4 | \$ 150.00 | \$ | 31,680.00  |
| Kings Hwy      | Electric Ave                          | River Dr                      | 665.28  | 0.126 | Concrete | 4 | \$ 150.00 | \$ | 99,792.00  |
| Lafayette St   | Pagel Ave                             | Stewart Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ | 41,184.00  |
| Lafayette St   | Liberty Ave                           | Gregory Ave                   | 279.84  | 0.053 | Concrete | 4 | \$ 150.00 | \$ | 41,976.00  |
| Lafayette St   | Gregory Ave                           | Buckingham Ave                | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ | 41,184.00  |
| Lafayette St   | Leblanc Ave                           | Michigan Ave                  | 300.96  | 0.057 | Concrete | 4 | \$ 150.00 | \$ | 45,144.00  |
| Lafayette St   | Moran Ave                             | River Bank Ave                | 295.68  | 0.056 | Concrete | 4 | \$ 150.00 | \$ | 44,352.00  |
| LeBlanc Ave    | Fort St                               | Ferris Ave                    | 1050.72 | 0.199 | Concrete | 4 | \$ 150.00 | \$ | 157,608.00 |
| LeBlanc Ave    | Cicotte Ave                           | Montie Rd                     | 601.92  | 0.114 | Concrete | 4 | \$ 150.00 | \$ | 90,288.00  |
| Liberty Ave    | Fort Park Blvd                        | Fort St                       | 438.24  | 0.083 | Concrete | 4 | \$ 150.00 | \$ | 65,736.00  |
| Liberty Ave    | Heien Ave                             | Hazel Ave                     | 654.72  | 0.124 | Concrete | 4 | \$ 150.00 | \$ | 98,208.00  |
| Liberty Ave    | Hazel Ave                             | Dix Ave                       | 828.96  | 0.157 | Concrete | 4 | \$ 150.00 | \$ | 124,344.00 |
| Liberty Ave    | Gohl Rd                               | Electric Ave & Buckingham Ave | 528     | 0.1   | Concrete | 4 | \$ 150.00 | \$ | 79,200.00  |
| Marion Ave     | Ferris Ave                            | Marion Ave - Surface Change   | 295.68  | 0.056 | Concrete | 4 | \$ 150.00 | \$ | 44,352.00  |
| Mayflower Ct   | Mayflower Ave                         | Dead End                      | 190.08  | 0.036 | Concrete | 4 | \$ 150.00 | \$ | 28,512.00  |
| Merrill Ave    | London Ave                            | Electric Ave                  | 147.84  | 0.028 | Concrete | 4 | \$ 150.00 | \$ | 22,176.00  |
| Mt St          | Wilson Ave                            | Gohl Rd                       | 770.88  | 0.146 | Concrete | 4 | \$ 150.00 | \$ | 115,632.00 |
| Montie Rd      | Michigan Ave                          | City/Twp Line                 | 264     | 0.05  | Concrete | 4 | \$ 150.00 | \$ | 39,600.00  |
| New York Ave   | Fort Park Blvd                        | Empire Ave                    | 153.12  | 0.029 | Concrete | 4 | \$ 150.00 | \$ | 22,968.00  |
| New York Ave   | Electric Ave                          | Fort St                       | 406.56  | 0.077 | Concrete | 4 | \$ 150.00 | \$ | 60,984.00  |
| New York Ave   | Electric Ave                          | Electric Ave                  | 110.88  | 0.021 | Concrete | 4 | \$ 150.00 | \$ | 16,632.00  |
| New York Ave   | Applewood Ave                         | Applewood Ave                 | 322.08  | 0.061 | Concrete | 4 | \$ 150.00 | \$ | 48,312.00  |
| O'Connor Ave   | Applewood Ave                         | Pagel Ave                     | 770.88  | 0.146 | Concrete | 4 | \$ 150.00 | \$ | 115,632.00 |
| O'Connor Ave   | Pingree Ave                           | Pingree Ave                   | 295.68  | 0.056 | Concrete | 4 | \$ 150.00 | \$ | 44,352.00  |
| O'Connor Ave   | Pingree Ave                           | Empire Ave                    | 306.24  | 0.058 | Concrete | 4 | \$ 150.00 | \$ | 45,936.00  |

|                  |                          |                              |         |       |          |   |           |               |
|------------------|--------------------------|------------------------------|---------|-------|----------|---|-----------|---------------|
| O'Connor Ave     | Empire Ave               | Grant Ave                    | 290.4   | 0.055 | Concrete | 4 | \$ 150.00 | \$ 41,560.00  |
| O'Connor Ave     | Washington Ave           | Elmer Ave                    | 290.4   | 0.055 | Concrete | 4 | \$ 150.00 | \$ 41,560.00  |
| O'Connor Ave     | Wilson Ave               | Marion Ave                   | 290.4   | 0.055 | Concrete | 4 | \$ 150.00 | \$ 41,560.00  |
| O'Connor Ave     | Marion Ave               | Ferris Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| O'Connor Ave     | Austin Ave               | Chandler Ave                 | 285.12  | 0.054 | Concrete | 4 | \$ 150.00 | \$ 41,768.00  |
| O'Connor Ave     | Leleune Ave              | Applewood Ave                | 359.04  | 0.068 | Concrete | 4 | \$ 150.00 | \$ 53,856.00  |
| Park Ave         | Electric Ave             | Electric Ave                 | 110.88  | 0.021 | Concrete | 4 | \$ 150.00 | \$ 16,632.00  |
| Philomene Blvd   | Dix Ave                  | Riopelle Ave                 | 897.6   | 0.17  | Concrete | 4 | \$ 150.00 | \$ 134,640.00 |
| Plingree Ave     | Russell Ave              | Cicotte Ave                  | 660     | 0.125 | Concrete | 4 | \$ 150.00 | \$ 99,000.00  |
| Porter Ave       | College Ave              | Morris Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Porter Ave       | Morris Ave               | Reo Ave                      | 279.84  | 0.053 | Concrete | 4 | \$ 150.00 | \$ 41,976.00  |
| Porter Ave       | Reo Ave                  | Monte Rd                     | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Porter Ave       | Olive Ave                | Olive Ave                    | 63.36   | 0.012 | Concrete | 4 | \$ 150.00 | \$ 9,504.00   |
| Porter Ave       | Olive Ave                | Outer Dr                     | 322.08  | 0.061 | Concrete | 4 | \$ 150.00 | \$ 48,312.00  |
| Porter Ave       | Stewart Ave              | Merrill Ave                  | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Porter St        | Cleophas Pkwy            | S M 39                       | 163.68  | 0.031 | Concrete | 4 | \$ 150.00 | \$ 24,552.00  |
| Porter St        | McLain Ave               | Mill St                      | 295.68  | 0.056 | Concrete | 4 | \$ 150.00 | \$ 44,352.00  |
| Progress Ave     | Green Ave                | Alper Ave                    | 950.4   | 0.18  | Concrete | 4 | \$ 150.00 | \$ 147,560.00 |
| Reo Ave          | Reo Ave - Surface Change | Josephine Ave                | 179.52  | 0.034 | Concrete | 4 | \$ 150.00 | \$ 26,928.00  |
| Richmond Ave     | Abbott Ave               | Howard Ave                   | 786.72  | 0.149 | Concrete | 4 | \$ 150.00 | \$ 118,008.00 |
| Riopelle Ave     | Markese Ave              | Regina Ave                   | 184.8   | 0.035 | Concrete | 4 | \$ 150.00 | \$ 22,720.00  |
| Riopelle Ave     | Regina Ave               | Regina Ave                   | 100.32  | 0.019 | Concrete | 4 | \$ 150.00 | \$ 15,048.00  |
| Riopelle Ave     | Philomene Blvd           | Cleophas Pkwy                | 306.24  | 0.058 | Concrete | 4 | \$ 150.00 | \$ 25,344.00  |
| Riopelle Ave     | Cleophas Pkwy            | S M 39                       | 168.96  | 0.032 | Concrete | 4 | \$ 150.00 | \$ 57,024.00  |
| Riopelle Ave     | Electric Ave             | River Dr                     | 380.16  | 0.072 | Concrete | 4 | \$ 150.00 | \$ 217,008.00 |
| River Bank Ave   | Harrison Blvd            | River Dr - Surface Change    | 1446.72 | 0.224 | Concrete | 4 | \$ 150.00 | \$ 39,600.00  |
| Russell Ave      | Ferris Ave               | Ferris Ave                   | 264     | 0.05  | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Russell Ave      | Marion Ave               | Marion Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,560.00  |
| Russell Ave      | Applewood Ave            | Leleune Ave                  | 359.04  | 0.068 | Concrete | 4 | \$ 150.00 | \$ 53,856.00  |
| Saint Johns Blvd | Abbott Ave               | Howard Ave                   | 818.4   | 0.155 | Concrete | 4 | \$ 150.00 | \$ 122,760.00 |
| Victoria Ave     | Porter Ave               | Marshall Ave                 | 654.72  | 0.124 | Concrete | 4 | \$ 150.00 | \$ 98,208.00  |
| Warwick Ave      | Dead End                 | Marshall Ave                 | 195.36  | 0.037 | Concrete | 4 | \$ 150.00 | \$ 29,304.00  |
| Wayne St         | Dix Ave                  | Warwick Ave - Surface Change | 876.48  | 0.166 | Concrete | 4 | \$ 150.00 | \$ 131,472.00 |
| Wayne St         | London Ave               | Schultz Ave                  | 290.4   | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| Wayne St         | Schultz Ave              | Cabin Ave                    | 290.4   | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| Wilson Ave       | Cabin Ave                | Hartwick Hwy                 | 306.24  | 0.058 | Concrete | 4 | \$ 150.00 | \$ 45,936.00  |
| Wilson Ave       | Emmons Blvd              | Winchester Ave               | 306.24  | 0.058 | Concrete | 4 | \$ 150.00 | \$ 45,936.00  |
| Wilson Ave       | Liberty Ave              | Buckingham Ave               | 205.92  | 0.039 | Concrete | 4 | \$ 150.00 | \$ 30,888.00  |

\$ 35,799,984.00

# SUMMARY OF ROADS FOR SPRAYPATCHING

CITY OF LINCOLN PARK

Updated September 11, 2014

| Street         | From                           | To                 | Length (ft) | Length (mi) | Surface Type | Surface Rating | Cost Per LF (\$) | Total Cost (\$) |
|----------------|--------------------------------|--------------------|-------------|-------------|--------------|----------------|------------------|-----------------|
| Arlington Ave  | Arlington Ave - Surface Change | Porter Ave         | 918.72      | 0.174       | Asphalt      | 4              | \$ 12.50         | \$ 11,684.00    |
| Arlington Ave  | Victoria Ave                   | Fort St            | 158.4       | 0.03        | Asphalt      | 4              | \$ 12.50         | \$ 1,980.00     |
| Arlington Ave  | Lafayette Blvd                 | Fort Park Blvd     | 897.6       | 0.17        | Asphalt      | 4              | \$ 12.50         | \$ 11,220.00    |
| Arlington Ave  | Fort Park Blvd                 | Attribution Change | 306.24      | 0.058       | Asphalt      | 4              | \$ 12.50         | \$ 3,828.00     |
| Austin Ave     | Chandler Ave                   | O'Connor Ave       | 543.84      | 0.103       | Asphalt      | 4              | \$ 12.50         | \$ 6,298.00     |
| Austin Ave     | O'Connor Ave                   | Russell Ave        | 712.8       | 0.135       | Asphalt      | 4              | \$ 12.50         | \$ 8,910.00     |
| Austin Ave     | Russell Ave                    | Cicotte Ave        | 654.72      | 0.124       | Asphalt      | 4              | \$ 12.50         | \$ 8,184.00     |
| Buckingham Ave | Porter Ave                     | Abbott Ave         | 654.72      | 0.124       | Asphalt      | 4              | \$ 12.50         | \$ 8,184.00     |
| Buckingham Ave | Abbott Ave                     | Howard Ave         | 786.72      | 0.149       | Asphalt      | 4              | \$ 12.50         | \$ 9,834.00     |
| Capitol Ave    | Southfield Rd                  | Fort St            | 496.32      | 0.094       | Asphalt      | 4              | \$ 12.50         | \$ 6,204.00     |
| Chandler Ave   | Mayflower Ave                  | Dead End           | 168.96      | 0.032       | Asphalt      | 4              | \$ 12.50         | \$ 2,112.00     |
| Chandler Ave   | Champaign Rd                   | Detroit Ave        | 269.28      | 0.051       | Asphalt      | 4              | \$ 12.50         | \$ 3,366.00     |
| Chandler Ave   | Fort Park Blvd                 | Farnham Ave        | 264         | 0.05        | Asphalt      | 4              | \$ 12.50         | \$ 3,300.00     |
| Cicotte Ave    | Southfield Rd                  | O'Connor Ave       | 897.6       | 0.17        | Asphalt      | 4              | \$ 12.50         | \$ 11,220.00    |
| Ethel Ave      | O'Connor Ave                   | Russell Ave        | 586.08      | 0.111       | Asphalt      | 4              | \$ 12.50         | \$ 7,376.00     |
| Ethel Ave      | Russell Ave                    | Cicotte Ave        | 718.08      | 0.136       | Asphalt      | 4              | \$ 12.50         | \$ 8,976.00     |
| Ethel Ave      | Lincoln Blvd                   | Montie Rd          | 665.28      | 0.126       | Asphalt      | 4              | \$ 12.50         | \$ 8,316.00     |
| Ferris Ave     | Lincoln Blvd                   | Garfield Ave       | 702.24      | 0.133       | Asphalt      | 4              | \$ 12.50         | \$ 8,778.00     |
| Fort Park Blvd | Dead End                       | Stewart Ave        | 306.24      | 0.058       | Asphalt      | 4              | \$ 12.50         | \$ 3,828.00     |
| Fort Park Blvd | New York Ave                   | New York Ave       | 274.56      | 0.052       | Asphalt      | 4              | \$ 12.50         | \$ 3,432.00     |
| Fort Park Blvd | Buckingham Ave                 | Liberty Ave        | 142.56      | 0.027       | Asphalt      | 4              | \$ 12.50         | \$ 1,782.00     |
| Garfield Ave   | Wilson Ave                     | Paget Ave          | 285.12      | 0.054       | Asphalt      | 4              | \$ 12.50         | \$ 3,564.00     |
| Garfield Ave   | O'Connor Ave                   | Ferris Ave         | 279.84      | 0.053       | Asphalt      | 4              | \$ 12.50         | \$ 3,498.00     |
| Lafayette Blvd | Euclid Ave                     | Euclid Ave         | 617.76      | 0.117       | Asphalt      | 4              | \$ 12.50         | \$ 7,722.00     |
| Lafayette Blvd | Russell Ave                    | Russell Ave        | 274.56      | 0.052       | Asphalt      | 4              | \$ 12.50         | \$ 3,432.00     |
| Lafayette Blvd | Hamover Ave                    | Keppen Blvd        | 279.84      | 0.053       | Asphalt      | 4              | \$ 12.50         | \$ 3,498.00     |
| Lafayette Blvd | Anne Ave                       | Arlington Ave      | 279.84      | 0.053       | Asphalt      | 4              | \$ 12.50         | \$ 3,498.00     |
| Lafayette Blvd | Warwick Ave                    | Warwick Ave        | 274.56      | 0.052       | Asphalt      | 4              | \$ 12.50         | \$ 3,432.00     |
| Lincoln Blvd   | River Dr                       | O'Connor Ave       | 274.56      | 0.052       | Asphalt      | 4              | \$ 12.50         | \$ 3,432.00     |
| Lincoln Blvd   | Elliott Ave                    | Euclid Ave         | 564.96      | 0.107       | Asphalt      | 4              | \$ 12.50         | \$ 7,062.00     |
| Lincoln Blvd   | Applewood Ave                  | Washington Ave     | 617.76      | 0.117       | Asphalt      | 4              | \$ 12.50         | \$ 7,722.00     |
| Lincoln Blvd   | Pingree Ave                    | Montie Rd          | 633.6       | 0.12        | Asphalt      | 4              | \$ 12.50         | \$ 7,920.00     |
| Marion Ave     | Cicotte Ave                    | Montie Rd          | 628.32      | 0.119       | Asphalt      | 4              | \$ 12.50         | \$ 7,854.00     |
| Mark Ave       | Lafayette St                   | Fort Park Blvd     | 839.52      | 0.159       | Asphalt      | 4              | \$ 12.50         | \$ 10,494.00    |
| Mayflower Ave  | Abbott Ave                     | Applewood Ave      | 628.32      | 0.119       | Asphalt      | 4              | \$ 12.50         | \$ 10,494.00    |
| Michigan Ave   | Chandler Ave                   | Electric Ave       | 786.72      | 0.149       | Asphalt      | 4              | \$ 12.50         | \$ 9,834.00     |
| O'Connor Ave   | Electric Ave                   | Victoria Ave       | 269.28      | 0.051       | Asphalt      | 4              | \$ 12.50         | \$ 3,366.00     |
| O'Connor Ave   | Victoria Ave                   | Fort St            | 300.96      | 0.057       | Asphalt      | 4              | \$ 12.50         | \$ 3,762.00     |
| Park Ave       | Electric Ave                   | McKinley Ave       | 705.92      | 0.039       | Asphalt      | 4              | \$ 12.50         | \$ 2,574.00     |
| Philomene Blvd | Fort Park Blvd                 | Lafayette Blvd     | 364.32      | 0.069       | Asphalt      | 4              | \$ 12.50         | \$ 4,554.00     |
| Porter St      | Garfield Ave                   | Philomene Blvd     | 966.24      | 0.183       | Asphalt      | 4              | \$ 12.50         | \$ 12,078.00    |
| Porter St      | White St                       | Philomene Blvd     | 116.16      | 0.022       | Asphalt      | 4              | \$ 12.50         | \$ 1,452.00     |
| Progress Ave   | Lafayette St                   | Fort Park Blvd     | 221.76      | 0.042       | Asphalt      | 4              | \$ 12.50         | \$ 2,772.00     |
|                |                                |                    | 776.16      | 0.147       | Asphalt      | 4              | \$ 12.50         | \$ 9,702.00     |



|                |                                       |                                |         |       |          |   |          |              |
|----------------|---------------------------------------|--------------------------------|---------|-------|----------|---|----------|--------------|
| Progress Ave   | Electric Ave                          | Electric Ave                   | 142.56  | 0.027 | Asphalt  | 4 | \$ 12.50 | \$ 1,782.00  |
| Russell Ave    | Lejeune Ave                           | Dead End                       | 168.56  | 0.032 | Asphalt  | 4 | \$ 12.50 | \$ 2,112.00  |
| Stewart Ave    | Dix Ave                               | Porter Ave                     | 675.84  | 0.128 | Asphalt  | 4 | \$ 12.50 | \$ 8,408.00  |
| Washington Ave | Russell Ave                           | Croette Ave                    | 660     | 0.125 | Asphalt  | 4 | \$ 12.50 | \$ 8,250.00  |
| White Ave      | Ferris Ave                            | Chandler Ave                   | 691.68  | 0.131 | Asphalt  | 4 | \$ 12.50 | \$ 8,646.00  |
| White Ave      | Chandler Ave                          | Electric Ave                   | 121.44  | 0.023 | Asphalt  | 4 | \$ 12.50 | \$ 1,518.00  |
| Alper Ave      | Mayflower Ave                         | Detroit Ave                    | 448.8   | 0.085 | Concrete | 4 | \$ 12.50 | \$ 1,584.00  |
| Alper Ave      | Detroit Ave                           | Progress Ave                   | 126.72  | 0.024 | Concrete | 4 | \$ 12.50 | \$ 1,584.00  |
| Applewood Ave  | New York Ave                          | Pagel Ave                      | 517.44  | 0.098 | Concrete | 4 | \$ 12.50 | \$ 6,468.00  |
| Applewood Ave  | Mayflower Ave                         | Detroit Ave                    | 269.28  | 0.051 | Concrete | 4 | \$ 12.50 | \$ 3,366.00  |
| Applewood Ave  | Champaign Rd                          | Farnham Ave                    | 258.72  | 0.049 | Concrete | 4 | \$ 12.50 | \$ 3,366.00  |
| Applewood Ave  | Farnham Ave                           | Mill St                        | 269.28  | 0.051 | Concrete | 4 | \$ 12.50 | \$ 3,366.00  |
| Austin Ave     | Montie Rd                             | Cleveland Ave - Surface Change | 153.12  | 0.029 | Concrete | 4 | \$ 12.50 | \$ 1,914.00  |
| Austin Ave     | Austin Ave                            | Road Block                     | 844.8   | 0.16  | Concrete | 4 | \$ 12.50 | \$ 10,560.00 |
| Capitol Ave    | Albott Ave                            | Chandler Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,442.00  |
| Capitol Ave    | Alper Ave                             | Green Ave                      | 448.8   | 0.085 | Concrete | 4 | \$ 12.50 | \$ 5,610.00  |
| Chandler Ave   | Croette Ave                           | Lafayette St                   | 322.08  | 0.061 | Concrete | 4 | \$ 12.50 | \$ 4,026.00  |
| Chandler Ave   | Detroit Ave                           | Montie Rd                      | 1045.44 | 0.198 | Concrete | 4 | \$ 12.50 | \$ 13,068.00 |
| Chandler Ave   | Lafayette Blvd & N 175/Lafayette RAMP | Progress Ave                   | 300.96  | 0.057 | Concrete | 4 | \$ 12.50 | \$ 3,762.00  |
| Charter Ave    | Gorman Ave                            | Gorman Ave                     | 316.8   | 0.06  | Concrete | 4 | \$ 12.50 | \$ 3,960.00  |
| Cicotte Ave    | Grant Ave                             | Dead End                       | 390.72  | 0.074 | Concrete | 4 | \$ 12.50 | \$ 4,884.00  |
| Cleophas Pkwy  | Cleophas Pkwy - Surface Change        | Washington Ave                 | 290.4   | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00  |
| Cleveland Ave  | Wilson Ave                            | Howard St                      | 184.8   | 0.035 | Concrete | 4 | \$ 12.50 | \$ 2,310.00  |
| Demene Ave     | Lafayette Blvd                        | Ferris Ave                     | 617.76  | 0.117 | Concrete | 4 | \$ 12.50 | \$ 7,722.00  |
| Detroit Ave    | Alper Ave                             | Pennsylvania Ave               | 406.56  | 0.077 | Concrete | 4 | \$ 12.50 | \$ 5,082.00  |
| Detroit Ave    | Mayflower Ave                         | Detroit Ave                    | 58.08   | 0.011 | Concrete | 4 | \$ 12.50 | \$ 76.00     |
| Detroit Ave    | Electric Ave                          | Alper Ave                      | 855.36  | 0.162 | Concrete | 4 | \$ 12.50 | \$ 10,692.00 |
| Detroit Ave    | Washington Ave                        | Detroit Ct                     | 142.56  | 0.027 | Concrete | 4 | \$ 12.50 | \$ 1,782.00  |
| Detroit Ct     | Detroit Ave                           | Dead End                       | 316.8   | 0.06  | Concrete | 4 | \$ 12.50 | \$ 3,960.00  |
| Drouillard Ave | Saint Johns Blvd                      | Dead End                       | 147.84  | 0.028 | Concrete | 4 | \$ 12.50 | \$ 3,960.00  |
| Electric Ave   | Croette Ave                           | Montie Rd                      | 237.6   | 0.045 | Concrete | 4 | \$ 12.50 | \$ 1,808.00  |
| Electric Ave   | Attingham Ave                         | O'Connor Ave                   | 1114.08 | 0.211 | Concrete | 4 | \$ 12.50 | \$ 13,926.00 |
| Electric Ave   | Mayflower Ave                         | Detroit Ave                    | 533.28  | 0.101 | Concrete | 4 | \$ 12.50 | \$ 6,566.00  |
| Electric Ave   | Winchester Ave                        | New York Ave                   | 337.92  | 0.064 | Concrete | 4 | \$ 12.50 | \$ 4,724.00  |
| Electric Ave   | New York Ave                          | Liberty Ave & Buckingham Ave   | 311.52  | 0.059 | Concrete | 4 | \$ 12.50 | \$ 3,894.00  |
| Ford Line Rd   | Leblanc Ave                           | Michigan Blvd & Michigan Ave   | 337.92  | 0.064 | Concrete | 4 | \$ 12.50 | \$ 4,724.00  |
| Garfield Ave   | Michigan Blvd & Michigan Ave          | Moran Rd & Moran Ave           | 295.68  | 0.056 | Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Gorman Ave     | Porter St                             | Abbott Ave                     | 295.68  | 0.056 | Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Green Ave      | Council Ave                           | Chandler Ave                   | 739.2   | 0.14  | Concrete | 4 | \$ 12.50 | \$ 9,240.00  |
| Green Ave      | Capitol Ave                           | Green Ave - Surface Change     | 259.28  | 0.051 | Concrete | 4 | \$ 12.50 | \$ 3,366.00  |
| Green Ave      | Detroit Ave                           | Progress Ave                   | 221.76  | 0.042 | Concrete | 4 | \$ 12.50 | \$ 2,772.00  |
| Green Ave      | Progress Ave                          | Progress Ave                   | 353.76  | 0.067 | Concrete | 4 | \$ 12.50 | \$ 4,422.00  |
| Gregory Ave    | Hazel Ave                             | Dix Ave                        | 95.04   | 0.018 | Concrete | 4 | \$ 12.50 | \$ 1,188.00  |
| Howard Ave     | Buckingham Ave                        | Pagel Ave                      | 828.96  | 0.157 | Concrete | 4 | \$ 12.50 | \$ 10,362.00 |
| Howard Ave     | Lincoln Ave                           | Garfield Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,442.00  |
| Howard St      | Philmore Blvd                         | Cleophas Pkwy                  | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,442.00  |
| Kings Hwy      | Electric Ave                          | River Dr                       | 211.2   | 0.04  | Concrete | 4 | \$ 12.50 | \$ 2,660.00  |
| Lafayette St   | Pagel Ave                             | Stewart Ave                    | 665.28  | 0.128 | Concrete | 4 | \$ 12.50 | \$ 8,316.00  |
| Lafayette St   | Liberty Ave                           | Gregory Ave                    | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,442.00  |
| Lafayette St   | Gregory Ave                           | Buckingham Ave                 | 279.84  | 0.053 | Concrete | 4 | \$ 12.50 | \$ 3,498.00  |
| Lafayette St   | LeBlanc Ave                           | Michigan Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,442.00  |
| Lafayette St   | LeBlanc Ave                           | Michigan Ave                   | 300.96  | 0.057 | Concrete | 4 | \$ 12.50 | \$ 3,762.00  |

|                  |                          |                               |         |                |   |          |              |
|------------------|--------------------------|-------------------------------|---------|----------------|---|----------|--------------|
| Lafayette St     | Moran Ave                | River Bank Ave                | 295.68  | 0.056 Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Leblanc Ave      | Fort St                  | Ferris Ave                    | 1050.72 | 0.199 Concrete | 4 | \$ 12.50 | \$ 13,124.00 |
| Leblanc Ave      | Cicotte Ave              | Montie Rd                     | 601.92  | 0.114 Concrete | 4 | \$ 12.50 | \$ 7,574.00  |
| Liberty Ave      | Fort Park Blvd           | Fort St                       | 438.24  | 0.083 Concrete | 4 | \$ 12.50 | \$ 5,478.00  |
| Liberty Ave      | Helen Ave                | Hazel Ave                     | 654.72  | 0.124 Concrete | 4 | \$ 12.50 | \$ 8,184.00  |
| Liberty Ave      | Hazel Ave                | Dix Ave                       | 828.96  | 0.157 Concrete | 4 | \$ 12.50 | \$ 10,362.00 |
| Liberty Ave      | Goli Rd                  | Electric Ave & Buckingham Ave | 528     | 0.1 Concrete   | 4 | \$ 12.50 | \$ 6,000.00  |
| Marion Ave       | Ferris Ave               | Marion Ave - Surface Change   | 295.68  | 0.056 Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Mayflower Ct     | Mayflower Ave            | Dead End                      | 190.08  | 0.036 Concrete | 4 | \$ 12.50 | \$ 2,376.00  |
| Merrill Ave      | London Ave               | Electric Ave                  | 147.84  | 0.028 Concrete | 4 | \$ 12.50 | \$ 1,848.00  |
| Michigan Ave     | Wilson Ave               | Goli Rd                       | 770.88  | 0.146 Concrete | 4 | \$ 12.50 | \$ 9,636.00  |
| Mill St          | Riopelle Ave             | City/Twp Line                 | 264     | 0.05 Concrete  | 4 | \$ 12.50 | \$ 3,300.00  |
| Montie Rd        | Empire Ave               | Empire Ave                    | 153.12  | 0.029 Concrete | 4 | \$ 12.50 | \$ 1,914.00  |
| New York Ave     | Fort Park Blvd           | Fort St                       | 400.56  | 0.077 Concrete | 4 | \$ 12.50 | \$ 5,082.00  |
| New York Ave     | Electric Ave             | Electric Ave                  | 110.88  | 0.021 Concrete | 4 | \$ 12.50 | \$ 1,386.00  |
| New York Ave     | Applewood Ave            | Applewood Ave                 | 322.08  | 0.061 Concrete | 4 | \$ 12.50 | \$ 4,026.00  |
| New York Ave     | Applewood Ave            | Pagel Ave                     | 770.88  | 0.146 Concrete | 4 | \$ 12.50 | \$ 9,636.00  |
| O'Connor Ave     | Applewood Ave            | Pingree Ave                   | 295.68  | 0.056 Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| O'Connor Ave     | Pingree Ave              | Empire Ave                    | 306.24  | 0.058 Concrete | 4 | \$ 12.50 | \$ 3,828.00  |
| O'Connor Ave     | Empire Ave               | Grant Ave                     | 290.4   | 0.055 Concrete | 4 | \$ 12.50 | \$ 4,330.00  |
| O'Connor Ave     | Washington Ave           | Ethel Ave                     | 290.4   | 0.055 Concrete | 4 | \$ 12.50 | \$ 3,630.00  |
| O'Connor Ave     | Wilson Ave               | Marion Ave                    | 290.4   | 0.055 Concrete | 4 | \$ 12.50 | \$ 3,630.00  |
| O'Connor Ave     | Austin Ave               | Ferris Ave                    | 274.56  | 0.052 Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| O'Connor Ave     | Leleune Ave              | Chandler Ave                  | 285.12  | 0.054 Concrete | 4 | \$ 12.50 | \$ 3,564.00  |
| O'Connor Ave     | Electric Ave             | Applewood Ave                 | 359.04  | 0.068 Concrete | 4 | \$ 12.50 | \$ 4,888.00  |
| Philmene Blvd    | Electric Ave             | Electric Ave                  | 110.88  | 0.021 Concrete | 4 | \$ 12.50 | \$ 1,386.00  |
| Pingree Ave      | Dix Ave                  | Riopelle Ave                  | 897.6   | 0.17 Concrete  | 4 | \$ 12.50 | \$ 11,220.00 |
| Pingree Ave      | Russell Ave              | Cicotte Ave                   | 660     | 0.125 Concrete | 4 | \$ 12.50 | \$ 8,250.00  |
| Porter Ave       | College Ave              | Morris Ave                    | 274.56  | 0.052 Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Porter Ave       | College Ave              | Reo Ave                       | 279.84  | 0.053 Concrete | 4 | \$ 12.50 | \$ 3,408.00  |
| Porter Ave       | Morris Ave               | Montie Rd                     | 274.56  | 0.052 Concrete | 4 | \$ 12.50 | \$ 3,412.00  |
| Porter Ave       | Reo Ave                  | Olive Ave                     | 63.36   | 0.012 Concrete | 4 | \$ 12.50 | \$ 792.00    |
| Porter Ave       | Olive Ave                | Outer Dr                      | 322.08  | 0.061 Concrete | 4 | \$ 12.50 | \$ 4,026.00  |
| Porter Ave       | Stewart Ave              | Merrill Ave                   | 274.56  | 0.052 Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Porter St        | Cleophas Pkwy            | S M 39                        | 163.68  | 0.031 Concrete | 4 | \$ 12.50 | \$ 2,046.00  |
| Progress Ave     | McLain Ave               | Mill St                       | 295.68  | 0.056 Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Reo Ave          | Green Ave                | Alper Ave                     | 950.4   | 0.18 Concrete  | 4 | \$ 12.50 | \$ 11,880.00 |
| Richmond Ave     | Reo Ave - Surface Change | Josephine Ave                 | 179.52  | 0.034 Concrete | 4 | \$ 12.50 | \$ 2,244.00  |
| Riopelle Ave     | Markese Ave              | Howard Ave                    | 786.72  | 0.149 Concrete | 4 | \$ 12.50 | \$ 9,874.00  |
| Riopelle Ave     | Regina Ave               | Regina Ave                    | 184.8   | 0.035 Concrete | 4 | \$ 12.50 | \$ 2,310.00  |
| Riopelle Ave     | Philmene Blvd            | Regina Ave                    | 100.32  | 0.019 Concrete | 4 | \$ 12.50 | \$ 1,554.00  |
| Riopelle Ave     | Cleophas Pkwy            | Cleophas Pkwy                 | 306.24  | 0.058 Concrete | 4 | \$ 12.50 | \$ 3,828.00  |
| River Bank Ave   | Electric Ave             | S M 39                        | 168.96  | 0.032 Concrete | 4 | \$ 12.50 | \$ 2,112.00  |
| River Dr         | Harrison Blvd            | River Dr                      | 380.16  | 0.072 Concrete | 4 | \$ 12.50 | \$ 4,752.00  |
| Russell Ave      | Austin Ave               | Reo Dr - Surface Change       | 1486.72 | 0.274 Concrete | 4 | \$ 12.50 | \$ 18,084.00 |
| Russell Ave      | Ferris Ave               | Ferris Ave                    | 264     | 0.05 Concrete  | 4 | \$ 12.50 | \$ 3,300.00  |
| Russell Ave      | Marion Ave               | Marion Ave                    | 274.56  | 0.052 Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Saint Johns Blvd | Applewood Ave            | Leleune Ave                   | 359.04  | 0.068 Concrete | 4 | \$ 12.50 | \$ 4,488.00  |
| Stewart Ave      | Abbott Ave               | Howard Ave                    | 818.4   | 0.155 Concrete | 4 | \$ 12.50 | \$ 10,230.00 |
| Stewart Ave      | Porter Ave               | Abbott Ave                    | 654.72  | 0.124 Concrete | 4 | \$ 12.50 | \$ 8,184.00  |
| Victoria Ave     | Dead End                 | Marshall Ave                  | 195.36  | 0.037 Concrete | 4 | \$ 12.50 | \$ 2,442.00  |
| Warwick Ave      | Dix Ave                  | Warwick Ave - Surface Change  | 876.48  | 0.166 Concrete | 4 | \$ 12.50 | \$ 10,956.00 |



|                |                                |                                |        |       |          |   |          |             |
|----------------|--------------------------------|--------------------------------|--------|-------|----------|---|----------|-------------|
| Wayne St       | London Ave                     | Schultz Ave                    | 290.4  | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00 |
| Wayne St       | Schultz Ave                    | Calvin Ave                     | 290.4  | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00 |
| Wayne St       | Calvin Ave                     | Hartwick Hwy                   | 306.24 | 0.058 | Concrete | 4 | \$ 12.50 | \$ 3,828.00 |
| Wilson Ave     | Emmons Blvd                    | Winchester Ave                 | 306.24 | 0.058 | Concrete | 4 | \$ 12.50 | \$ 3,828.00 |
| Wilson Ave     | Liberty Ave                    | Buckingham Ave                 | 205.92 | 0.039 | Concrete | 4 | \$ 12.50 | \$ 2,574.00 |
| Arlington Ave  | Arlington Ave - Surface Change | Arlington Ave - Surface Change | 132    | 0.075 | Asphalt  | 5 | \$ 10.00 | \$ 1,320.00 |
| Austin Ave     | Park Ave                       | Southfield Rd                  | 469.92 | 0.089 | Asphalt  | 5 | \$ 10.00 | \$ 4,699.20 |
| Buckingham Ave | Howard Ave                     | Lafayette St                   | 669.44 | 0.123 | Asphalt  | 5 | \$ 10.00 | \$ 6,494.40 |
| Buckingham Ave | Lafayette St                   | Fort Park Blvd                 | 649.44 | 0.123 | Asphalt  | 5 | \$ 10.00 | \$ 6,494.40 |
| Buckingham Ave | Fort Park Blvd                 | Fort St                        | 446.32 | 0.094 | Asphalt  | 5 | \$ 10.00 | \$ 4,463.20 |
| Champaign Rd   | Fort St                        | Russell Ave                    | 411.84 | 0.078 | Asphalt  | 5 | \$ 10.00 | \$ 4,118.40 |
| Chandler Ave   | O'Connor Ave                   | Southfield Rd                  | 718.08 | 0.136 | Asphalt  | 5 | \$ 10.00 | \$ 7,180.80 |
| Chandler Ave   | Park Ave                       | Champaign Rd                   | 464.64 | 0.088 | Asphalt  | 5 | \$ 10.00 | \$ 4,646.40 |
| Chandler Ave   | Progress Ave                   | Champaign Rd                   | 269.28 | 0.051 | Asphalt  | 5 | \$ 10.00 | \$ 2,692.80 |
| Chandler Ave   | Fairham Ave                    | Mill St                        | 269.28 | 0.051 | Asphalt  | 5 | \$ 10.00 | \$ 2,692.80 |
| Cicotte Ave    | Fort St                        | Fort Park Blvd                 | 454.08 | 0.086 | Asphalt  | 5 | \$ 10.00 | \$ 4,540.80 |
| Cicotte Ave    | Applewood Ave                  | Pingree Ave                    | 295.68 | 0.056 | Asphalt  | 5 | \$ 10.00 | \$ 2,956.80 |
| Cicotte Ave    | Pingree Ave                    | Empire Ave                     | 300.96 | 0.057 | Asphalt  | 5 | \$ 10.00 | \$ 3,009.60 |
| Cleveland Ave  | Fort Park Blvd                 | Grant Ave                      | 290.4  | 0.055 | Asphalt  | 5 | \$ 10.00 | \$ 2,904.00 |
| Cleveland Ave  | Fort St                        | Lafayette Blvd                 | 966.24 | 0.183 | Asphalt  | 5 | \$ 10.00 | \$ 9,662.40 |
| Cleveland Ave  | Chandler Ave                   | Fort St                        | 422.4  | 0.08  | Asphalt  | 5 | \$ 10.00 | \$ 4,224.00 |
| Detroit Ave    | Fort Park Blvd                 | Fort St                        | 844.8  | 0.16  | Asphalt  | 5 | \$ 10.00 | \$ 8,448.00 |
| Detroit Ave    | Fort St                        | Chandler Ave                   | 448.8  | 0.085 | Asphalt  | 5 | \$ 10.00 | \$ 4,488.00 |
| Detroit Ave    | Chandler Ave                   | Detroit Ave - Surface Change   | 538.56 | 0.107 | Asphalt  | 5 | \$ 10.00 | \$ 5,385.60 |
| Electric Ave   | Capitol Ave                    | Mayflower Ave                  | 147.84 | 0.028 | Asphalt  | 5 | \$ 10.00 | \$ 1,478.40 |
| Ferris Ave     | Garfield Ave                   | White Ave                      | 353.76 | 0.067 | Asphalt  | 5 | \$ 10.00 | \$ 3,537.60 |
| Ferris Ave     | White Ave                      | White Ave                      | 264    | 0.05  | Asphalt  | 5 | \$ 10.00 | \$ 2,640.00 |
| Ferris Ave     | White Ave                      | Park Ave                       | 36.96  | 0.007 | Asphalt  | 5 | \$ 10.00 | \$ 369.60   |
| Ferris Ave     | Park Ave                       | Park Ave                       | 222.04 | 0.043 | Asphalt  | 5 | \$ 10.00 | \$ 2,220.40 |
| Fort Park Blvd | Liberty Ave                    | Cleophas Pkwy                  | 68.64  | 0.013 | Asphalt  | 5 | \$ 10.00 | \$ 686.40   |
| Fort Park Blvd | Gregory Ave                    | Buckingham Ave                 | 195.36 | 0.037 | Asphalt  | 5 | \$ 10.00 | \$ 1,953.60 |
| Garfield Ave   | Ferris Ave                     | Chandler Ave                   | 274.56 | 0.052 | Asphalt  | 5 | \$ 10.00 | \$ 2,745.60 |
| Grant Ave      | Southfield Rd                  | O'Connor Ave                   | 691.68 | 0.131 | Asphalt  | 5 | \$ 10.00 | \$ 6,916.80 |
| Grant Ave      | Russell Ave                    | Cicotte Ave                    | 485.76 | 0.092 | Asphalt  | 5 | \$ 10.00 | \$ 4,857.60 |
| Hanford Ave    | Fort Park Blvd                 | Lafayette Blvd                 | 660    | 0.125 | Asphalt  | 5 | \$ 10.00 | \$ 6,600.00 |
| Kings Hwy      | River Dr                       | Shore Dr                       | 902.88 | 0.171 | Asphalt  | 5 | \$ 10.00 | \$ 9,028.80 |
| Lincoln Blvd   | Washington Ave                 | Fort Park Blvd                 | 432.96 | 0.082 | Asphalt  | 5 | \$ 10.00 | \$ 4,329.60 |
| Lincoln Blvd   | Wilson Ave                     | Wilson Ave                     | 607.2  | 0.115 | Asphalt  | 5 | \$ 10.00 | \$ 6,072.00 |
| Lincoln Blvd   | Ferris Ave                     | Chandler Ave                   | 623.04 | 0.118 | Asphalt  | 5 | \$ 10.00 | \$ 6,230.40 |
| Lincoln Blvd   | Chandler Ave                   | Fort St                        | 686.4  | 0.13  | Asphalt  | 5 | \$ 10.00 | \$ 6,864.00 |
| Marion Ave     | Marion Ave - Surface Change    | O'Connor Ave                   | 850.08 | 0.161 | Asphalt  | 5 | \$ 10.00 | \$ 8,500.80 |
| Marion Ave     | O'Connor Ave                   | Russell Ave                    | 380.16 | 0.072 | Asphalt  | 5 | \$ 10.00 | \$ 3,801.60 |
| Mayflower Ave  | Fort Park Blvd                 | Cicotte Ave                    | 712.8  | 0.135 | Asphalt  | 5 | \$ 10.00 | \$ 7,128.00 |
| Mayflower Ave  | Electric Ave                   | Pingree Ave                    | 654.72 | 0.124 | Asphalt  | 5 | \$ 10.00 | \$ 6,547.20 |
| Mayflower Ave  | Applewood Ave                  | Elliott Ave                    | 469.92 | 0.089 | Asphalt  | 5 | \$ 10.00 | \$ 4,699.20 |
| Mayflower Ave  | Elliott Ave                    | River Dr                       | 554.4  | 0.105 | Asphalt  | 5 | \$ 10.00 | \$ 5,544.00 |
| McKinley Ave   | White Ave                      | Fort Park Blvd                 | 623.04 | 0.118 | Asphalt  | 5 | \$ 10.00 | \$ 6,230.40 |
| McKinley Ave   | Fort Park Blvd                 | Porter Ave                     | 601.92 | 0.114 | Asphalt  | 5 | \$ 10.00 | \$ 6,019.20 |
| Merrill Ave    | Porter Ave                     | Porter Ave                     | 290.4  | 0.055 | Asphalt  | 5 | \$ 10.00 | \$ 2,904.00 |
| Michigan Ave   | Dix Ave                        | Porter Ave                     | 543.84 | 0.103 | Asphalt  | 5 | \$ 10.00 | \$ 5,438.40 |
|                |                                |                                | 665.28 | 0.126 | Asphalt  | 5 | \$ 10.00 | \$ 6,652.80 |

|                |                               |                                 |         |       |          |   |          |              |
|----------------|-------------------------------|---------------------------------|---------|-------|----------|---|----------|--------------|
| Michigan Ave   | Porter Ave                    | Abbott Ave                      | 654.72  | 0.124 | Asphalt  | 5 | \$ 10.00 | \$ 6,547.20  |
| Mill St        | River Dr                      | Elliott Ave                     | 712.8   | 0.135 | Asphalt  | 5 | \$ 10.00 | \$ 7,128.00  |
| Mill St        | Elliott Ave                   | Applewood Ave                   | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| Mill St        | Applewood Ave                 | Pingree Ave                     | 628.32  | 0.119 | Asphalt  | 5 | \$ 10.00 | \$ 6,283.20  |
| Mill St        | Washington Ave                | Wilson Ave                      | 607.2   | 0.115 | Asphalt  | 5 | \$ 10.00 | \$ 6,072.00  |
| Mill St        | Wilson Ave                    | Ferris Ave                      | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| Mill St        | Chandler Ave                  | Fort St                         | 855.36  | 0.167 | Asphalt  | 5 | \$ 10.00 | \$ 8,553.60  |
| New York Ave   | Fort St                       | Ferris Ave                      | 760.32  | 0.144 | Asphalt  | 5 | \$ 10.00 | \$ 7,603.20  |
| New York Ave   | Ferris Ave                    | Wilson Ave                      | 770.88  | 0.146 | Asphalt  | 5 | \$ 10.00 | \$ 7,708.80  |
| New York Ave   | Wilson Ave                    | Gohl Rd                         | 776.16  | 0.147 | Asphalt  | 5 | \$ 10.00 | \$ 7,761.60  |
| New York Ave   | Gohl Rd                       | Electric Ave                    | 638.88  | 0.121 | Asphalt  | 5 | \$ 10.00 | \$ 6,388.80  |
| Pagel Ave      | Dix Ave                       | Porter Ave                      | 675.84  | 0.128 | Asphalt  | 5 | \$ 10.00 | \$ 6,758.40  |
| Pagel Ave      | Lafayette St                  | Fort Park Blvd                  | 609.44  | 0.123 | Asphalt  | 5 | \$ 10.00 | \$ 6,094.40  |
| Park Ave       | McKinley Ave                  | Fort St                         | 158.4   | 0.03  | Asphalt  | 5 | \$ 10.00 | \$ 1,584.00  |
| Park Ave       | Applewood Ave                 | Washington Ave                  | 1261.92 | 0.239 | Asphalt  | 5 | \$ 10.00 | \$ 12,619.20 |
| Park Ave       | Washington Ave                | Ferris Ave                      | 1224.96 | 0.232 | Asphalt  | 5 | \$ 10.00 | \$ 12,249.60 |
| Porter St      | Garfield Ave                  | White St                        | 174.24  | 0.033 | Asphalt  | 5 | \$ 10.00 | \$ 1,742.40  |
| Porter St      | White St                      | White St                        | 84.48   | 0.016 | Asphalt  | 5 | \$ 10.00 | \$ 844.80    |
| Progress Ave   | Chandler Ave                  | Ferris Ave                      | 691.68  | 0.131 | Asphalt  | 5 | \$ 10.00 | \$ 6,916.80  |
| Progress Ave   | Ferris Ave                    | Wilson Ave                      | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| Progress Ave   | Wilson Ave                    | Electric Ave                    | 174.24  | 0.033 | Asphalt  | 5 | \$ 10.00 | \$ 1,742.40  |
| Progress Ave   | Electric Ave                  | Washington Ave                  | 290.4   | 0.055 | Asphalt  | 5 | \$ 10.00 | \$ 2,904.00  |
| River Bank Ave | Wilson Ave                    | River Bank Ave - Surface Change | 26.4    | 0.005 | Asphalt  | 5 | \$ 10.00 | \$ 264.00    |
| Rose Ave       | Porter Ave                    | Abbott Ave                      | 675.84  | 0.128 | Asphalt  | 5 | \$ 10.00 | \$ 6,758.40  |
| Russell Ave    | Russell Ave - Surface Change  | Electric Ave                    | 47.52   | 0.009 | Asphalt  | 5 | \$ 10.00 | \$ 475.20    |
| Stewart Ave    | Wilson Ave                    | Chandler Ave                    | 279.84  | 0.053 | Asphalt  | 5 | \$ 10.00 | \$ 2,798.40  |
| Victoria Ave   | Victoria Ave - Surface Change | Dead End                        | 781.44  | 0.148 | Asphalt  | 5 | \$ 10.00 | \$ 7,814.40  |
| Victoria Ave   | Southfield Rd                 | Victoria Ave - Surface Change   | 248.16  | 0.047 | Asphalt  | 5 | \$ 10.00 | \$ 2,481.60  |
| Washington Ave | Southfield Rd                 | O'Connor Ave                    | 190.08  | 0.036 | Asphalt  | 5 | \$ 10.00 | \$ 1,900.80  |
| Washington Ave | O'Connor Ave                  | Russell Ave                     | 533.28  | 0.101 | Asphalt  | 5 | \$ 10.00 | \$ 5,332.80  |
| Washington Ave | Cicotte Ave                   | Montie Rd                       | 723.36  | 0.137 | Asphalt  | 5 | \$ 10.00 | \$ 7,233.60  |
| White Ave      | River Dr                      | Elliott Ave                     | 638.88  | 0.121 | Asphalt  | 5 | \$ 10.00 | \$ 6,388.80  |
| White Ave      | Elliott Ave                   | Applewood Ave                   | 686.4   | 0.13  | Asphalt  | 5 | \$ 10.00 | \$ 6,864.00  |
| White Ave      | Pingree Ave                   | Washington Ave                  | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| White Ave      | Washington Ave                | Wilson Ave                      | 633.6   | 0.12  | Asphalt  | 5 | \$ 10.00 | \$ 6,336.00  |
| Abbott Ave     | Garfield Ave                  | White St                        | 607.2   | 0.115 | Asphalt  | 5 | \$ 10.00 | \$ 6,072.00  |
| Abbott Ave     | White St                      | Philomene Blvd                  | 264     | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00  |
| Abbott Ave     | London Ave                    | Capitol Ave                     | 216.48  | 0.041 | Concrete | 5 | \$ 10.00 | \$ 2,164.80  |
| Abbott Ave     | Detroit Ave                   | Progress Ave                    | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Abbott Ave     | Progress Ave                  | Rose Ave                        | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |
| Abbott Ave     | Buckingham Ave                | Pagel Ave                       | 253.44  | 0.048 | Concrete | 5 | \$ 10.00 | \$ 2,534.40  |
| Abbott Ave     | River Bank Ave                | Stewart Ave                     | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Abbott Ave     | Winchester Ave                | Kings Hwy                       | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Abbott Ave     | New York Ave                  | New York Ave                    | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Abbott Ave     | Liberty Ave                   | Liberty Ave                     | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Abbott Ave     | Gregory Ave                   | Gregory Ave                     | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Anne Ave       | Dix Ave                       | Buckingham Ave                  | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Anne Ave       | Porter Ave                    | Dead End                        | 1003.2  | 0.19  | Concrete | 5 | \$ 10.00 | \$ 10,032.00 |
| Applewood Ave  | Detroit Ave                   | Champaign Rd                    | 237.6   | 0.045 | Concrete | 5 | \$ 10.00 | \$ 2,376.00  |
| Applewood Ave  | Mill St                       | Cleveland Ave                   | 348.48  | 0.066 | Concrete | 5 | \$ 10.00 | \$ 3,484.80  |
| Arlington Ave  | Electric Ave                  | Electric Ave                    | 269.28  | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80  |
|                |                               |                                 | 89.76   | 0.017 | Concrete | 5 | \$ 10.00 | \$ 897.60    |

|                 |                                 |                               |         |       |          |   |          |    |           |
|-----------------|---------------------------------|-------------------------------|---------|-------|----------|---|----------|----|-----------|
| Austin Ave      | Greene Ave                      | Montie Rd                     | 971.52  | 0.184 | Concrete | 5 | \$ 10.00 | \$ | 9,715.20  |
| Brest Ave       | Helen Ave                       | Helen Ave                     | 42.24   | 0.008 | Concrete | 5 | \$ 10.00 | \$ | 422.40    |
| Brest Ave       | Helen Ave                       | Irene Ave                     | 221.76  | 0.042 | Concrete | 5 | \$ 10.00 | \$ | 2,217.60  |
| Brest Ave       | Agnes Ave                       | Longtin Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ | 2,745.60  |
| Brest Ave       | Brest Ave - Surface Change      | Dix Ave                       | 10.56   | 0.002 | Concrete | 5 | \$ 10.00 | \$ | 105.60    |
| Brest Ave       | Dix Ave                         | Coolidge Ave                  | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ | 3,168.00  |
| Brest Ave       | Coolidge Ave                    | Porter Ave                    | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ | 2,851.20  |
| Brest Ave       | Porter Ave                      | Burns Ave                     | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ | 2,745.60  |
| Brouseville Ave | Brest Ave                       | Old Goddard Rd                | 1230.24 | 0.233 | Concrete | 5 | \$ 10.00 | \$ | 12,302.40 |
| Buckingham Ave  | Fort St                         | Ferris Ave                    | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ | 6,758.40  |
| Buckingham Ave  | Ferris Ave                      | Wilson Ave                    | 776.16  | 0.147 | Concrete | 5 | \$ 10.00 | \$ | 7,761.60  |
| Buckingham Ave  | Wilson Ave                      | Gohl Rd                       | 786.72  | 0.149 | Concrete | 5 | \$ 10.00 | \$ | 7,867.20  |
| Burns Ave       | Gohl Rd                         | Liberty Ave & Electric Ave    | 538.56  | 0.102 | Concrete | 5 | \$ 10.00 | \$ | 5,385.60  |
| Capitol Ave     | Brest Ave                       | Old Goddard Rd                | 1129.92 | 0.214 | Concrete | 5 | \$ 10.00 | \$ | 11,299.20 |
| Capitol Ave     | Green Ave                       | Howard Ave                    | 348.48  | 0.066 | Concrete | 5 | \$ 10.00 | \$ | 3,484.80  |
| Capitol Ave     | Howard Ave                      | Alper Ave                     | 343.2   | 0.065 | Concrete | 5 | \$ 10.00 | \$ | 3,432.00  |
| Capitol Ave     | Electric Ave                    | Electric Ave                  | 137.28  | 0.026 | Concrete | 5 | \$ 10.00 | \$ | 1,372.80  |
| Capitol Ave     | Applewood Ave                   | Pingree Ave                   | 633.6   | 0.12  | Concrete | 5 | \$ 10.00 | \$ | 6,336.00  |
| Capitol Ave     | Wilson Ave                      | Ferris Ave                    | 623.04  | 0.118 | Concrete | 5 | \$ 10.00 | \$ | 6,230.40  |
| Champaign Rd    | Wilson Ave                      | Washington Ave                | 612.48  | 0.116 | Concrete | 5 | \$ 10.00 | \$ | 6,124.80  |
| Champaign Rd    | Washington Ave                  | Pingree Ave                   | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ | 6,283.20  |
| Champaign Rd    | Pingree Ave                     | Applewood Ave                 | 633.6   | 0.12  | Concrete | 5 | \$ 10.00 | \$ | 6,336.00  |
| Chandler Ave    | Cleveland Ave                   | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ | 3,009.60  |
| Chandler Ave    | Lincoln Blvd                    | Garfield Ave                  | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ | 3,168.00  |
| Cicotte Ave     | John A Papas Dr                 | Consolidated Rail Corporation | 369.6   | 0.07  | Concrete | 5 | \$ 10.00 | \$ | 3,696.00  |
| Cicotte Ave     | Consolidated Rail Corporation   | Porter Ave                    | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ | 6,758.40  |
| Cleophus Pkwy   | Cleophus Pkwy - Surface Change  | LaFayette Blvd                | 881.76  | 0.167 | Concrete | 5 | \$ 10.00 | \$ | 8,817.60  |
| Cleophus Pkwy   | Elliott Ave                     | Applewood Ave                 | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ | 6,177.60  |
| Cleophus Pkwy   | Applewood Ave                   | Washington Ave                | 1261.92 | 0.239 | Concrete | 5 | \$ 10.00 | \$ | 12,619.20 |
| Cleophus Pkwy   | Washington Ave                  | Wilson Ave                    | 607.2   | 0.115 | Concrete | 5 | \$ 10.00 | \$ | 6,072.00  |
| Cleophus Pkwy   | Wilson Ave                      | Ferris Ave                    | 623.04  | 0.118 | Concrete | 5 | \$ 10.00 | \$ | 6,230.40  |
| Cleveland Ave   | Abbot Ave                       | Porter St                     | 770.88  | 0.146 | Concrete | 5 | \$ 10.00 | \$ | 7,708.80  |
| Cleveland Ave   | Dix Ave                         | Riopelle Ave                  | 929.28  | 0.176 | Concrete | 5 | \$ 10.00 | \$ | 9,292.80  |
| Cleveland Ave   | LaFayette Blvd                  | Howard St                     | 797.28  | 0.151 | Concrete | 5 | \$ 10.00 | \$ | 7,972.80  |
| Cleveland Ave   | Washington Ave                  | Wilson Ave                    | 612.48  | 0.116 | Concrete | 5 | \$ 10.00 | \$ | 6,124.80  |
| Cloverlawn Ave  | Cloverlawn Ave - surface Change | Ferris Ave                    | 1061.28 | 0.201 | Concrete | 5 | \$ 10.00 | \$ | 10,612.80 |
| Detroit Ave     | LaFayette St                    | Fort Park Blvd                | 749.76  | 0.142 | Concrete | 5 | \$ 10.00 | \$ | 7,497.60  |
| Detroit Ave     | Porter Ave                      | Abbot Ave                     | 660     | 0.125 | Concrete | 5 | \$ 10.00 | \$ | 6,600.00  |
| Detroit Ave     | Detroit Ave - Surface Change    | Ferris Ave                    | 538.56  | 0.102 | Concrete | 5 | \$ 10.00 | \$ | 5,385.60  |
| Detroit Ave     | Ferris Ave                      | Wilson Ave                    | 623.04  | 0.118 | Concrete | 5 | \$ 10.00 | \$ | 6,230.40  |
| Detroit Ave     | Electric Ave                    | Washington Ave                | 137.28  | 0.026 | Concrete | 5 | \$ 10.00 | \$ | 1,372.80  |
| Detroit Ave     | Detroit Ct                      | Pingree Ave                   | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ | 3,168.00  |
| Detroit Ave     | Pingree Ave                     | Applewood Ave                 | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ | 6,283.20  |
| Detroit Ave     | Applewood Ave                   | Elliott Ave                   | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ | 6,177.60  |
| Dixford Ave     | Olive Ave                       | Dead End                      | 121.44  | 0.023 | Concrete | 5 | \$ 10.00 | \$ | 1,214.40  |
| Electric Ave    | Southfield Rd                   | Arlington Ave                 | 406.56  | 0.077 | Concrete | 5 | \$ 10.00 | \$ | 4,065.60  |
| Electric Ave    | Arlington Ave                   | OConnor Ave                   | 469.92  | 0.089 | Concrete | 5 | \$ 10.00 | \$ | 4,699.20  |
| Electric Ave    | Park Ave                        | Southfield Rd                 | 469.92  | 0.089 | Concrete | 5 | \$ 10.00 | \$ | 4,699.20  |
| Electric Ave    | Merrill Ave                     | Capitol Ave                   | 422.4   | 0.08  | Concrete | 5 | \$ 10.00 | \$ | 4,224.00  |
| Electric Ave    | Electric Ave                    | Electric Ave - surface Change | 42.24   | 0.008 | Concrete | 5 | \$ 10.00 | \$ | 422.40    |
| Electric Ave    | Moran Ave                       | River Bank Ave                | 322.08  | 0.061 | Concrete | 5 | \$ 10.00 | \$ | 3,220.80  |
| Electric Ave    | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ | 3,168.00  |
| Electric Ave    | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ | 3,168.00  |

|              |                          |                               |         |       |          |   |          |              |
|--------------|--------------------------|-------------------------------|---------|-------|----------|---|----------|--------------|
| Electric Ave | New York Ave             | Liberty Ave                   | 369.6   | 0.07  | Concrete | 5 | \$ 10.00 | \$ 3,696.00  |
| Elliott Ave  | Mayflower Ave            | Detroit Ave                   | 264     | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00  |
| Elliott Ave  | Detroit Ave              | Champaign Rd                  | 311.52  | 0.059 | Concrete | 5 | \$ 10.00 | \$ 3,115.20  |
| Elliott Ave  | Page Ave                 | Stewart Ave                   | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Empire Ave   | Stewart Ave              | Capitol Ave                   | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Euclid Ave   | O'Connor Ave             | Russell Ave                   | 718.08  | 0.136 | Concrete | 5 | \$ 10.00 | \$ 7,180.80  |
| Euclid Ave   | Dix Ave                  | Frank Ave                     | 892.32  | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20  |
| Farnham Ave  | Dead End                 | Porter Ave                    | 237.6   | 0.045 | Concrete | 5 | \$ 10.00 | \$ 2,376.00  |
| Farnham Ave  | River Dr                 | Elliott Ave                   | 712.8   | 0.135 | Concrete | 5 | \$ 10.00 | \$ 7,128.00  |
| Farnham Ave  | Applewood Ave            | Applewood Ave                 | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Farnham Ave  | Pingree Ave              | Pingree Ave                   | 633.6   | 0.12  | Concrete | 5 | \$ 10.00 | \$ 6,336.00  |
| Farnham Ave  | Washington Ave           | Washington Ave                | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Farnham Ave  | Wilson Ave               | Wilson Ave                    | 607.2   | 0.115 | Concrete | 5 | \$ 10.00 | \$ 6,072.00  |
| Farnham Ave  | Ferris Ave               | Ferris Ave                    | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Farnham Ave  | Chandler Ave             | Chandler Ave                  | 691.68  | 0.131 | Concrete | 5 | \$ 10.00 | \$ 6,916.80  |
| Ferris Ave   | Chandler Ave             | Fort St                       | 860.64  | 0.163 | Concrete | 5 | \$ 10.00 | \$ 8,606.40  |
| Ferris Ave   | Old Goddard Rd & 20th St | Dead End                      | 512.16  | 0.097 | Concrete | 5 | \$ 10.00 | \$ 5,121.60  |
| Ferris Ave   | Mill St                  | Cleveland Ave                 | 274.56  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Ferris Ave   | Cleveland Ave            | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Ferris Ave   | Cleophas Pkwy            | Southfield Rd                 | 269.28  | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80  |
| Ferris Ave   | Harrison Blvd            | Cloverlawn Ave                | 343.2   | 0.065 | Concrete | 5 | \$ 10.00 | \$ 3,432.00  |
| Ferris Ave   | Kings Hwy                | Emmons Blvd                   | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Ford Blvd    | Dix Ave                  | Abbott Ave                    | 1341.12 | 0.254 | Concrete | 5 | \$ 10.00 | \$ 13,411.20 |
| Ford Blvd    | Howard Ave               | Howard Ave                    | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Ford Blvd    | Loupin Ave               | Lafayette St                  | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Ford Blvd    | Ferris Ave               | Wilson Ave                    | 770.88  | 0.146 | Concrete | 5 | \$ 10.00 | \$ 7,708.80  |
| Frank Ave    | Ruth Ave                 | Olive Ave                     | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Frank Ave    | Olive Ave                | Charter Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Frank Ave    | Charter Ave              | Council Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Frank Ave    | Council Ave              | Montie Rd                     | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Frank Ave    | Montie Rd                | Reo Ave                       | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Frank Ave    | Reo Ave                  | Morris Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Frank Ave    | Paris Ave                | University Ave                | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Frank Ave    | Keppen Blvd              | Russell Ave                   | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Frank Ave    | Russell Ave              | Euclid Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Garfield Ave | Howard St                | Dead End                      | 168.96  | 0.037 | Concrete | 5 | \$ 10.00 | \$ 1,689.60  |
| Garfield Ave | Fort St                  | Fort Park Blvd                | 427.68  | 0.081 | Concrete | 5 | \$ 10.00 | \$ 4,276.80  |
| Garfield Ave | River Dr                 | Elliott Ave                   | 686.4   | 0.13  | Concrete | 5 | \$ 10.00 | \$ 6,864.00  |
| Gohl Rd      | Kings Hwy                | Emmons Blvd                   | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Gregory Ave  | Dix Ave                  | Porter Ave                    | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ 6,758.40  |
| Gregory Ave  | Howard Ave               | Lafayette St                  | 649.44  | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40  |
| Gregory Ave  | Lafayette St             | Fort Park Blvd                | 649.44  | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40  |
| Hamilton Ave | Dixford Ave              | Raupp Pl                      | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Hamford Ave  | Dix Ave                  | Frank Ave                     | 892.32  | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20  |
| Hartwick Hwy | Frank Ave                | City/Twp Line                 | 126.72  | 0.024 | Concrete | 5 | \$ 10.00 | \$ 1,267.20  |
| Hazel Ave    | Railway Ave              | Wayne St                      | 644.16  | 0.122 | Concrete | 5 | \$ 10.00 | \$ 6,441.60  |
| Hazel Ave    | Meyer Ct                 | Richmond Ave                  | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Highland Ave | Old Goddard Rd           | Hazel Ave Bridge              | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Highland Ave | Fort St                  | Ferris Ave                    | 897.6   | 0.17  | Concrete | 5 | \$ 10.00 | \$ 8,976.00  |
| Highland Ave | Ferris Ave               | Wilson Ave                    | 770.88  | 0.146 | Concrete | 5 | \$ 10.00 | \$ 7,708.80  |
| Highland Ave | Wilson Ave               | Highland Ave - Surface Change | 744.48  | 0.141 | Concrete | 5 | \$ 10.00 | \$ 7,444.80  |
| Highland Ave | Electric Ave             | River Dr & Shore Dr           | 517.44  | 0.098 | Concrete | 5 | \$ 10.00 | \$ 5,174.40  |

|                |                               |                                    |         |       |          |    |          |    |           |
|----------------|-------------------------------|------------------------------------|---------|-------|----------|----|----------|----|-----------|
| Highland Ave   | Emmons Blvd & Shore Dr        | River Dr                           | 1110.36 | 0.212 | Concrete | \$ | \$ 10.00 | \$ | 11,193.60 |
| Hoover Ave     | Champaign Rd                  | Bailey Ave                         | 422.4   | 0.08  | Concrete | \$ | \$ 10.00 | \$ | 4,224.00  |
| Howard Ave     | Stewart Ave                   | Merrill Ave                        | 274.56  | 0.052 | Concrete | \$ | \$ 10.00 | \$ | 2,745.60  |
| Howard Ave     | London Ave                    | Capitol Ave                        | 285.12  | 0.054 | Concrete | \$ | \$ 10.00 | \$ | 2,851.20  |
| Howard Ave     | Old Goddard Rd                | Saint Johns Blvd                   | 253.44  | 0.048 | Concrete | \$ | \$ 10.00 | \$ | 2,534.40  |
| Howard Ave     | Saint Johns Blvd              | Ford Blvd                          | 306.24  | 0.058 | Concrete | \$ | \$ 10.00 | \$ | 3,062.40  |
| Howard Ave     | Winchester Ave                | New York Ave                       | 295.68  | 0.056 | Concrete | \$ | \$ 10.00 | \$ | 2,956.80  |
| Howard Ave     | New York Ave                  | Liberty Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 10.00 | \$ | 2,798.40  |
| Howard Ave     | Liberty Ave                   | Gregory Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 10.00 | \$ | 2,798.40  |
| Howard St      | Champaign Rd                  | McLain Ave                         | 285.12  | 0.054 | Concrete | \$ | \$ 10.00 | \$ | 2,851.20  |
| Howard St      | McLain Ave                    | Mill St                            | 269.28  | 0.051 | Concrete | \$ | \$ 10.00 | \$ | 2,692.80  |
| Howard St      | Mill St                       | Cleveland Ave                      | 253.44  | 0.048 | Concrete | \$ | \$ 10.00 | \$ | 2,534.40  |
| Howard St      | Howard St - Surface Change    | Lincoln Ave                        | 258.72  | 0.049 | Concrete | \$ | \$ 10.00 | \$ | 2,587.20  |
| Howard St      | Lafayette Blvd                | Philomene Blvd                     | 343.2   | 0.065 | Concrete | \$ | \$ 10.00 | \$ | 3,432.00  |
| Kings Hwy      | Fort St                       | Howard St                          | 670.56  | 0.127 | Concrete | \$ | \$ 10.00 | \$ | 6,705.60  |
| Kings Hwy      | Ferris Ave                    | Ferris Ave                         | 865.92  | 0.164 | Concrete | \$ | \$ 10.00 | \$ | 8,659.20  |
| Kings Hwy      | Wilson Ave                    | Wilson Ave                         | 770.88  | 0.146 | Concrete | \$ | \$ 10.00 | \$ | 7,708.80  |
| Lafayette Blvd | Wilson Ave                    | Gohl Rd                            | 776.16  | 0.147 | Concrete | \$ | \$ 10.00 | \$ | 7,761.60  |
| Lafayette Blvd | Keppen Blvd                   | Hanford Ave                        | 285.12  | 0.054 | Concrete | \$ | \$ 10.00 | \$ | 2,851.20  |
| Lafayette Blvd | Hanford Ave                   | Cicotte Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 10.00 | \$ | 2,798.40  |
| Lafayette Blvd | Montie Rd                     | Charter Ave & N 175/Lafayette RAMP | 448.8   | 0.085 | Concrete | \$ | \$ 10.00 | \$ | 4,488.00  |
| Lafayette Blvd | Cicotte Ave                   | University Ave                     | 274.56  | 0.052 | Concrete | \$ | \$ 10.00 | \$ | 2,745.60  |
| Lafayette Blvd | Reo Ave                       | Demean Ave                         | 274.56  | 0.052 | Concrete | \$ | \$ 10.00 | \$ | 2,745.60  |
| Lafayette Blvd | London Ave                    | Capitol Ave                        | 290.4   | 0.055 | Concrete | \$ | \$ 10.00 | \$ | 2,904.00  |
| Lafayette Blvd | Capitol Ave                   | Mayflower Ave                      | 285.12  | 0.054 | Concrete | \$ | \$ 10.00 | \$ | 2,851.20  |
| Lafayette Blvd | Mayflower Ave                 | Detroit Ave                        | 290.4   | 0.055 | Concrete | \$ | \$ 10.00 | \$ | 2,904.00  |
| Lafayette Blvd | Detroit Ave                   | Progress Ave                       | 290.4   | 0.055 | Concrete | \$ | \$ 10.00 | \$ | 2,904.00  |
| Lafayette Blvd | Mark Ave                      | Champaign Rd & Lafayette Blvd      | 475.2   | 0.09  | Concrete | \$ | \$ 10.00 | \$ | 4,752.00  |
| Lafayette St   | Stewart Ave                   | Merrill Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 10.00 | \$ | 2,798.40  |
| Lafayette St   | New York Ave                  | Liberty Ave                        | 279.84  | 0.053 | Concrete | \$ | \$ 10.00 | \$ | 2,798.40  |
| Lafayette St   | Buckingham Ave                | Pagel Ave                          | 274.56  | 0.052 | Concrete | \$ | \$ 10.00 | \$ | 2,745.60  |
| Lafayette St   | Ford Blvd                     | LeBlanc Ave                        | 353.76  | 0.067 | Concrete | \$ | \$ 10.00 | \$ | 3,537.60  |
| Lafayette St   | Michigan Ave                  | Moan Ave                           | 311.52  | 0.059 | Concrete | \$ | \$ 10.00 | \$ | 3,115.20  |
| LeBlanc Ave    | Gohl Rd                       | Electric Ave & River Dr            | 1388.64 | 0.263 | Concrete | \$ | \$ 10.00 | \$ | 13,886.40 |
| LeBlanc Ave    | Russell Ave                   | Cicotte Ave                        | 660     | 0.125 | Concrete | \$ | \$ 10.00 | \$ | 6,600.00  |
| Liberty Ave    | Electric Ave & Buckingham Ave | Electric Ave                       | 110.88  | 0.021 | Concrete | \$ | \$ 10.00 | \$ | 1,108.80  |
| Liberty Ave    | Fort St                       | Ferris Ave                         | 723.36  | 0.137 | Concrete | \$ | \$ 10.00 | \$ | 7,233.60  |
| Lincoln Ave    | Howard St                     | Mill St & Cleveland Ave            | 591.36  | 0.112 | Concrete | \$ | \$ 10.00 | \$ | 5,913.60  |
| London Ave     | Moore Ave                     | Consolidated Rail Corporation      | 68.64   | 0.013 | Concrete | \$ | \$ 10.00 | \$ | 686.40    |
| London Ave     | Lafayette St                  | Fort Park Blvd                     | 670.56  | 0.127 | Concrete | \$ | \$ 10.00 | \$ | 6,705.60  |
| London Ave     | Fort Park Blvd                | Fort St                            | 517.44  | 0.098 | Concrete | \$ | \$ 10.00 | \$ | 5,174.40  |
| Markese Ave    | Riopelle Ave                  | City/Twp Line                      | 1298.88 | 0.246 | Concrete | \$ | \$ 10.00 | \$ | 12,988.80 |
| Markese Ave    | Riopelle Ave                  | Fort Park Blvd                     | 274.56  | 0.052 | Concrete | \$ | \$ 10.00 | \$ | 2,745.60  |
| Mayflower Ave  | Lafayette St                  | Mayflower Ct                       | 723.36  | 0.137 | Concrete | \$ | \$ 10.00 | \$ | 7,233.60  |
| Mayflower Ave  | Mayflower Ct                  | Alper Ave                          | 464.64  | 0.088 | Concrete | \$ | \$ 10.00 | \$ | 4,646.40  |
| McKinley Ave   | Park Ave                      | N M 39 & Southfield Rd & S M 39    | 343.2   | 0.065 | Concrete | \$ | \$ 10.00 | \$ | 3,432.00  |
| McLain Ave     | Porter St                     | Regina Ave                         | 454.08  | 0.086 | Concrete | \$ | \$ 10.00 | \$ | 4,540.80  |
| McLain Ave     | Porter St                     | Dix Ave                            | 137.28  | 0.026 | Concrete | \$ | \$ 10.00 | \$ | 1,372.80  |
| Merrill Ave    | Dix Ave                       | Riopelle Ave                       | 596.64  | 0.113 | Concrete | \$ | \$ 10.00 | \$ | 5,966.40  |
| Merrill Ave    | Electric Ave                  | Electric Ave & Pingree Ave         | 1119.36 | 0.212 | Concrete | \$ | \$ 10.00 | \$ | 11,193.60 |
| Michigan Ave   | Fort St                       | Ferris Ave                         | 153.12  | 0.029 | Concrete | \$ | \$ 10.00 | \$ | 1,531.20  |
| Michigan Ave   | Porter St                     | Dix Ave                            | 1008.48 | 0.191 | Concrete | \$ | \$ 10.00 | \$ | 10,084.80 |
| Mill St        | Porter St                     | Dix Ave                            | 823.68  | 0.156 | Concrete | \$ | \$ 10.00 | \$ | 8,236.80  |

|                |                                 |                             |         |       |          |   |          |              |
|----------------|---------------------------------|-----------------------------|---------|-------|----------|---|----------|--------------|
| Mill St        | Dix Ave                         | Riopelle Ave                | 1024.32 | 0.194 | Concrete | 5 | \$ 10.00 | \$ 10,243.20 |
| Mill St        | Mill St - Surface Change        | Lincoln Ave & Cleveland Ave | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Mill St        | Fort St                         | Fort Park Blvd              | 417.12  | 0.079 | Concrete | 5 | \$ 10.00 | \$ 4,171.20  |
| Montie Rd      | Lejeune Ave                     | Applewood Ave               | 374.88  | 0.071 | Concrete | 5 | \$ 10.00 | \$ 3,748.80  |
| Montie Rd      | Grant Ave                       | Washington Ave              | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |
| Montie Rd      | Washington Ave                  | Ethel Ave                   | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Myron Ave      | Emmons Ave                      | Abbott Ave                  | 897.6   | 0.17  | Concrete | 5 | \$ 10.00 | \$ 8,976.00  |
| New York Ave   | Lafayette St                    | Fort Park Blvd              | 649.44  | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40  |
| New York Ave   | Pagel Ave                       | River Dr                    | 396     | 0.075 | Concrete | 5 | \$ 10.00 | \$ 3,960.00  |
| Oceana Ave     | Champaign Rd                    | Riopelle Ave                | 696.96  | 0.132 | Concrete | 5 | \$ 10.00 | \$ 6,969.60  |
| OConnor Ave    | Dix Ave                         | Porter Ave                  | 1008.48 | 0.191 | Concrete | 5 | \$ 10.00 | \$ 10,084.80 |
| OConnor Ave    | Grant Ave                       | Washington Ave              | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |
| OConnor Ave    | Ethel Ave                       | Wilson Ave                  | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Pagel Ave      | Fort St                         | Ferris Ave                  | 686.4   | 0.13  | Concrete | 5 | \$ 10.00 | \$ 6,864.00  |
| Pagel Ave      | Ferris Ave                      | Wilson Ave                  | 739.2   | 0.14  | Concrete | 5 | \$ 10.00 | \$ 7,392.00  |
| Park Ave       | Austin Ave                      | Austin Ave                  | 311.52  | 0.059 | Concrete | 5 | \$ 10.00 | \$ 3,115.20  |
| Park Ave       | Austin Ave                      | Chandler Ave                | 327.36  | 0.062 | Concrete | 5 | \$ 10.00 | \$ 3,273.60  |
| Park Ave       | Chandler Ave                    | Electric Ave                | 205.92  | 0.039 | Concrete | 5 | \$ 10.00 | \$ 2,059.20  |
| Pingree Ave    | Crofte Ave                      | Montie Rd                   | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Porter Ave     | Council Ave                     | Charter Ave                 | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Porter Ave     | Charter Ave                     | Olive Ave                   | 216.48  | 0.041 | Concrete | 5 | \$ 10.00 | \$ 2,164.80  |
| Porter Ave     | Merrill Ave                     | Richmond Ave                | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Porter Ave     | Richmond Ave                    | London Ave                  | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Porter Ave     | London Ave                      | Capitol Ave                 | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Porter St      | Champaign Rd                    | Markese Ave                 | 311.52  | 0.059 | Concrete | 5 | \$ 10.00 | \$ 3,115.20  |
| Porter St      | Mill St                         | Cleveland Ave               | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Progress Ave   | Rose Ave                        | Porter Ave                  | 443.52  | 0.084 | Concrete | 5 | \$ 10.00 | \$ 4,435.20  |
| Progress Ave   | Abbott Ave                      | Green Ave                   | 190.08  | 0.036 | Concrete | 5 | \$ 10.00 | \$ 1,900.80  |
| Regina Ave     | Riopelle Ave                    | Dix Ave                     | 1203.84 | 0.228 | Concrete | 5 | \$ 10.00 | \$ 12,038.40 |
| Regina Ave     | Josephine Ave                   | Lafayette Blvd              | 179.52  | 0.034 | Concrete | 5 | \$ 10.00 | \$ 1,795.20  |
| Richmond Ave   | Malvina Ave                     | Fort Park Blvd              | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Richmond Ave   | Lafayette St                    | Fort St                     | 654.72  | 0.124 | Concrete | 5 | \$ 10.00 | \$ 6,547.20  |
| Richmond Ave   | New York Ave                    | Buckingham Ave              | 543.84  | 0.103 | Concrete | 5 | \$ 10.00 | \$ 5,438.40  |
| Richmond Ave   | Buckingham Ave                  | Malvina Ave                 | 844.8   | 0.16  | Concrete | 5 | \$ 10.00 | \$ 8,448.00  |
| Riopelle Ave   | Oceana Ave                      | Thomas Ave                  | 781.44  | 0.148 | Concrete | 5 | \$ 10.00 | \$ 7,814.40  |
| Riopelle Ave   | Oceana Ave                      | Thomas Ave                  | 100.32  | 0.019 | Concrete | 5 | \$ 10.00 | \$ 1,003.20  |
| Riopelle Ave   | Thomas Ave                      | Thomas Ave                  | 184.8   | 0.035 | Concrete | 5 | \$ 10.00 | \$ 1,848.00  |
| Riopelle Ave   | Thomas Ave                      | Thomas Ave                  | 105.6   | 0.02  | Concrete | 5 | \$ 10.00 | \$ 1,056.00  |
| Riopelle Ave   | White St                        | Markese Ave                 | 184.8   | 0.035 | Concrete | 5 | \$ 10.00 | \$ 1,848.00  |
| Riopelle Ave   | Hazel Ave                       | Philomene Blvd              | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| River Bank Ave | Porter Ave                      | Abbott Ave                  | 828.96  | 0.157 | Concrete | 5 | \$ 10.00 | \$ 8,289.60  |
| River Bank Ave | River Bank Ave - Surface Change | Abbott Ave                  | 654.72  | 0.124 | Concrete | 5 | \$ 10.00 | \$ 6,547.20  |
| River Bank Ave | Gohl Rd                         | Gohl Rd                     | 749.76  | 0.142 | Concrete | 5 | \$ 10.00 | \$ 7,497.60  |
| River Bank Ave | River Bank Ave                  | Electric Ave                | 1119.36 | 0.212 | Concrete | 5 | \$ 10.00 | \$ 11,193.60 |
| River Dr       | Emmons Blvd                     | River Ct                    | 480.48  | 0.091 | Concrete | 5 | \$ 10.00 | \$ 4,804.80  |
| River Dr       | River Ct                        | N Shore Dr                  | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Rose Ave       | Wayne St                        | Bailey Ave                  | 633.6   | 0.12  | Concrete | 5 | \$ 10.00 | \$ 6,336.00  |
| Rose Ave       | Fort Park Blvd                  | Fort St                     | 406.56  | 0.077 | Concrete | 5 | \$ 10.00 | \$ 4,065.60  |
| Rose Ave       | Detroit Ave                     | Progress Ave                | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Rose Ave       | Progress Ave                    | Porter Ave                  | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Russell Ave    | Dix Ave                         | Frank Ave                   | 892.32  | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20  |
| Russell Ave    | Lafayette Blvd                  | Howard St                   | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ 6,758.40  |
| Russell Ave    | Chandler Ave                    | Austin Ave                  | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |



|                  |                 |                             |        |       |          |   |          |             |
|------------------|-----------------|-----------------------------|--------|-------|----------|---|----------|-------------|
| Russell Ave      | Wilson Ave      | Ethel Ave                   | 290.4  | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00 |
| Russell Ave      | Ethel Ave       | Washington Ave              | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| Russell Ave      | Washington Ave  | Grant Ave                   | 290.4  | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00 |
| Russell Ave      | Empire Ave      | Pingree Ave                 | 300.96 | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60 |
| Russell Ave      | Pingree Ave     | Applewood Ave               | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| Saint Johns Blvd | Dead End        | Drouillard Ave              | 359.04 | 0.068 | Concrete | 5 | \$ 10.00 | \$ 3,590.40 |
| Schultz Ave      | Wayne St        | Bailey Ave                  | 638.88 | 0.121 | Concrete | 5 | \$ 10.00 | \$ 6,388.80 |
| Stewart Ave      | Abbott Ave      | Howard Ave                  | 786.72 | 0.149 | Concrete | 5 | \$ 10.00 | \$ 7,867.20 |
| Stewart Ave      | Lafayette St    | Fort Park Blvd              | 649.44 | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40 |
| Stewart Ave      | Fort Park Blvd  | Fort St                     | 538.56 | 0.102 | Concrete | 5 | \$ 10.00 | \$ 5,385.60 |
| Thomas Ave       | Riopelle Ave    | City/Twp Line               | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Thomas Ave       | Div Ave         | Frank Ave                   | 892.32 | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20 |
| Warwick Ave      | Porter Ave      | Dead End                    | 237.6  | 0.045 | Concrete | 5 | \$ 10.00 | \$ 2,376.00 |
| Washington Ave   | Detroit Ave     | Progress Ave                | 163.68 | 0.031 | Concrete | 5 | \$ 10.00 | \$ 1,636.80 |
| Washington Ave   | Progress Ave    | Champaign Rd                | 269.28 | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80 |
| Washington Ave   | Champaign Rd    | Farham Ave                  | 264    | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00 |
| Washington Ave   | Farham Ave      | Mill St                     | 264    | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00 |
| Washington Ave   | Mill St         | Cleveland Ave               | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Washington Ave   | Cleveland Ave   | Lincoln Blvd                | 300.96 | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60 |
| Washington Ave   | Lincoln Blvd    | Garfield Ave                | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| Washington Ave   | Garfield Ave    | White Ave                   | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Washington Ave   | White Ave       | Park Ave                    | 264    | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00 |
| Wayne St         | Hartwick Hwy    | Detroit Ave                 | 300.96 | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60 |
| Wayne St         | Progress Ave    | Rose Ave                    | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| White St         | Div Ave         | Riopelle Ave                | 897.6  | 0.17  | Concrete | 5 | \$ 10.00 | \$ 8,976.00 |
| White St         | Riopelle Ave    | City/Twp Line               | 153.12 | 0.029 | Concrete | 5 | \$ 10.00 | \$ 1,531.20 |
| Wilson Ave       | Capitol Ave     | Mayflower Ave               | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Wilson Ave       | Mayflower Ave   | Detroit Ave                 | 269.28 | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80 |
| Wilson Ave       | Detroit Ave     | Progress Ave                | 190.08 | 0.036 | Concrete | 5 | \$ 10.00 | \$ 1,900.80 |
| Wilson Ave       | Progress Ave    | Champaign Rd                | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Wilson Ave       | Stewart Ave     | Merrill Ave                 | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Wilson Ave       | London Ave      | Capitol Ave                 | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Wilson Ave       | River Bank Ave  | Highland Ave                | 290.4  | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00 |
| Wilson Ave       | Highland Ave    | Kings Hwy                   | 259.28 | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,592.80 |
| Wilson Ave       | New York Ave    | Liberty Ave                 | 316.8  | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00 |
| Wilson Ave       | Blackingham Ave | Pagel Ave                   | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Wilson Ave       | Pagel Ave       | Stewart Ave                 | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Winchester Ave   | Myron Ave       | Winchester Ave & Emmons Ave | 211.2  | 0.04  | Concrete | 5 | \$ 10.00 | \$ 2,112.00 |
| Winchester Ave   | Allard Ave      | Abbott Ave                  | 834.24 | 0.158 | Concrete | 5 | \$ 10.00 | \$ 8,342.40 |
| Winchester Ave   | Emmons Ave      | Myron Ave                   | 258.72 | 0.049 | Concrete | 5 | \$ 10.00 | \$ 2,587.20 |

\$ 2,510,943.60

# SUMMARY OF ROADS FOR JOINT AND CRACK SEALING

CITY OF LINCOLN PARK

Updated September 11, 2014

| Street         | From                          | To                              | Length (ft) | Length (mi) | Surface Type | Surface Rating | Cost Per LF (\$) | Total Cost (\$) |
|----------------|-------------------------------|---------------------------------|-------------|-------------|--------------|----------------|------------------|-----------------|
| River Bank Ave | Fort St                       | Ferris Ave                      | 929.28      | 0.176       | Concrete     | 10             | 5.00             | 4,646.40        |
| Hartwick Hwy   | Dead End                      | Hartwick Hwy                    | 617.76      | 0.117       | Concrete     | 9              | 5.00             | 3,088.80        |
| River Dr       | Minnie Ave                    | Bailey Ave                      | 42.24       | 0.008       | Concrete     | 9              | 5.00             | 211.20          |
| River Dr       | Stewart Ave                   | Capitol Ave                     | 168.96      | 0.032       | Concrete     | 9              | 5.00             | 844.80          |
| River Dr       | Capitol Ave                   | Mayflower Ave                   | 264         | 0.05        | Concrete     | 9              | 5.00             | 1,320.00        |
| River Dr       | Mayflower Ave                 | Detroit Ave                     | 264         | 0.05        | Concrete     | 9              | 5.00             | 1,320.00        |
| River Dr       | Detroit Ave                   | Champaign Rd                    | 274.56      | 0.052       | Concrete     | 9              | 5.00             | 1,372.80        |
| River Dr       | Champaign Rd                  | Farnham Ave                     | 279.84      | 0.053       | Concrete     | 9              | 5.00             | 1,399.20        |
| River Dr       | Farnham Ave                   | Mill St                         | 279.84      | 0.053       | Concrete     | 9              | 5.00             | 1,399.20        |
| River Dr       | Mill St                       | Cleveland Ave                   | 300.96      | 0.057       | Concrete     | 9              | 5.00             | 1,504.80        |
| River Dr       | Cleveland Ave                 | Lincoln Blvd                    | 300.96      | 0.057       | Concrete     | 9              | 5.00             | 1,504.80        |
| River Dr       | Lincoln Blvd                  | Garfield Ave                    | 332.64      | 0.063       | Concrete     | 9              | 5.00             | 1,663.20        |
| River Dr       | Garfield Ave                  | White Ave                       | 269.28      | 0.051       | Concrete     | 9              | 5.00             | 1,346.40        |
| River Dr       | White Ave                     | Park Ave                        | 279.84      | 0.053       | Concrete     | 9              | 5.00             | 1,399.20        |
| River Dr       | Park Ave                      | Southfield Rd                   | 675.84      | 0.128       | Concrete     | 9              | 5.00             | 3,379.20        |
| River Dr       | Southfield Rd                 | New York Ave                    | 417.12      | 0.079       | Concrete     | 9              | 5.00             | 2,085.60        |
| River Dr       | New York Ave                  | Stewart Ave                     | 174.24      | 0.033       | Concrete     | 9              | 5.00             | 871.20          |
| River Dr       | Stewart Ave                   | Schultz Ave                     | 264         | 0.05        | Asphalt      | 8              | 7.00             | 1,848.00        |
| Bailey Ave     | Schultz Ave                   | Calvin Ave                      | 285.12      | 0.054       | Asphalt      | 8              | 7.00             | 1,995.84        |
| Bailey Ave     | Calvin Ave                    | Hartwick Hwy                    | 311.52      | 0.059       | Asphalt      | 8              | 7.00             | 2,180.64        |
| Bailey Ave     | Hartwick Hwy                  | Detroit Ave                     | 306.24      | 0.058       | Asphalt      | 8              | 7.00             | 2,143.68        |
| Bailey Ave     | Detroit Ave                   | Progress Ave                    | 295.68      | 0.056       | Asphalt      | 8              | 7.00             | 2,069.76        |
| Bailey Ave     | Progress Ave                  | Rose Ave                        | 295.68      | 0.056       | Asphalt      | 8              | 7.00             | 2,069.76        |
| Bailey Ave     | Rose Ave                      | Mark Ave                        | 300.96      | 0.057       | Asphalt      | 8              | 7.00             | 2,106.72        |
| Bailey Ave     | Mark Ave                      | Hoover Ave                      | 295.68      | 0.056       | Asphalt      | 8              | 7.00             | 2,069.76        |
| Bailey Ave     | Hoover Ave                    | Champaign Rd                    | 469.92      | 0.089       | Asphalt      | 8              | 7.00             | 3,289.60        |
| Bailey Ave     | Champaign Rd                  | Schultz Ave                     | 184.8       | 0.035       | Asphalt      | 8              | 7.00             | 1,293.60        |
| Bailey Ave     | Schultz Ave                   | Calvin Ave                      | 232.32      | 0.044       | Asphalt      | 8              | 7.00             | 1,646.24        |
| Bailey Ave     | Calvin Ave                    | Hartwick Hwy                    | 369.6       | 0.07        | Asphalt      | 8              | 7.00             | 2,587.20        |
| Bailey Ave     | Hartwick Hwy                  | Detroit Ave                     | 300.96      | 0.057       | Asphalt      | 8              | 7.00             | 2,106.72        |
| Bailey Ave     | Detroit Ave                   | Progress Ave                    | 295.68      | 0.056       | Asphalt      | 8              | 7.00             | 2,069.76        |
| Bailey Ave     | Progress Ave                  | Mark Ave                        | 300.96      | 0.057       | Asphalt      | 8              | 7.00             | 2,106.72        |
| Bailey Ave     | Mark Ave                      | Hoover Ave                      | 295.68      | 0.056       | Asphalt      | 8              | 7.00             | 2,069.76        |
| Bailey Ave     | Hoover Ave                    | Bailey Ave                      | 84.48       | 0.016       | Asphalt      | 8              | 7.00             | 591.36          |
| Champaign Rd   | Consolidated Rail Corporation | Porter St                       | 179.52      | 0.034       | Asphalt      | 8              | 7.00             | 1,256.64        |
| Champaign Rd   | Porter St                     | Dix Ave                         | 718.08      | 0.136       | Asphalt      | 8              | 7.00             | 5,026.56        |
| Cicotte Ave    | S175                          | Consolidated Rail Corporation   | 110.88      | 0.021       | Asphalt      | 8              | 7.00             | 776.16          |
| Cloverlawn Ave | Chandler Ave                  | Electric Ave                    | 279.84      | 0.053       | Asphalt      | 8              | 7.00             | 1,958.88        |
| Detroit Ave    | Fort St                       | Cloverlawn Ave - surface Change | 79.2        | 0.015       | Asphalt      | 8              | 7.00             | 554.40          |
| Ferris Ave     | Dead End                      | Bailey Ave                      | 63.36       | 0.012       | Asphalt      | 8              | 7.00             | 443.52          |
| Fort Park Blvd | Cicotte Ave                   | Harrison Blvd                   | 158.4       | 0.03        | Asphalt      | 8              | 7.00             | 1,108.80        |
| Hartwick Hwy   | Mark Ave                      | University Ave                  | 274.56      | 0.052       | Asphalt      | 8              | 7.00             | 1,921.92        |
| Hoover Ave     | Bailey Ave                    | Champaign Rd                    | 89.76       | 0.017       | Asphalt      | 8              | 7.00             | 628.32          |
| London Ave     | Bailey Ave                    | Bailey Ave                      | 58.08       | 0.011       | Asphalt      | 8              | 7.00             | 406.56          |
| London Ave     | Bailey Ave                    | Bailey Ave                      | 100.32      | 0.019       | Asphalt      | 8              | 7.00             | 703.24          |
| London Ave     | Hazel Ave                     | Dix Ave                         | 828.96      | 0.157       | Asphalt      | 8              | 7.00             | 5,802.72        |



|                         |                                |                                |         |       |          |   |    |      |    |          |
|-------------------------|--------------------------------|--------------------------------|---------|-------|----------|---|----|------|----|----------|
| Mark Ave                | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| Merrill Ave             | Dix Ave                        | Porter Ave                     | 675.84  | 0.128 | Asphalt  | 8 | \$ | 7.00 | \$ | 4,380.88 |
| Progress Ave            | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| Rose Ave                | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| Schultz Ave             | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| White Ave               | Fort St                        | Forest Ave                     | 200.64  | 0.038 | Asphalt  | 8 | \$ | 7.00 | \$ | 1,404.48 |
| Angelique Ave           | Riopelle Ave                   | City/Twp Line                  | 274.56  | 0.052 | Concrete | 8 | \$ | 7.00 | \$ | 1,921.92 |
| Applewood Ave           | Cleveland Ave - Surface Change | Lincoln Blvd                   | 147.84  | 0.028 | Concrete | 8 | \$ | 5.00 | \$ | 739.20   |
| Applewood Ave           | Lincoln Blvd                   | Garfield Ave                   | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Applewood Ave           | Garfield Ave                   | White Ave                      | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Applewood Ave           | White Ave                      | Park Ave                       | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Applewood Ave           | Park Ave                       | Cleophas Pkwy                  | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Cleophas Ave            | Cleophas Pkwy                  | Southfield Rd                  | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Arlington Ave           | Dix Ave                        | Arlington Ave - Surface Change | 84.48   | 0.016 | Concrete | 8 | \$ | 5.00 | \$ | 422.40   |
| Arlington Ave           | Attributte Change              | Fort St                        | 153.12  | 0.079 | Concrete | 8 | \$ | 5.00 | \$ | 765.60   |
| Capitol Ave             | Porter Ave                     | Abbott Ave                     | 660     | 0.125 | Concrete | 8 | \$ | 5.00 | \$ | 3,300.00 |
| Champaign Rd            | Dix Ave                        | Bailey Ave                     | 137.28  | 0.026 | Concrete | 8 | \$ | 5.00 | \$ | 686.40   |
| Champaign Rd            | Bailey Ave                     | Thomas Ave                     | 295.68  | 0.056 | Concrete | 8 | \$ | 5.00 | \$ | 1,478.40 |
| Champaign Rd            | Thomas Ave                     | Hoover Ave                     | 205.92  | 0.039 | Concrete | 8 | \$ | 5.00 | \$ | 1,079.60 |
| Champaign Rd            | Hoover Ave                     | Oceana Ave                     | 237.6   | 0.045 | Concrete | 8 | \$ | 5.00 | \$ | 1,188.00 |
| Champaign Rd            | Oceana Ave                     | Mark Ave                       | 147.84  | 0.028 | Concrete | 8 | \$ | 5.00 | \$ | 739.20   |
| Champaign Rd            | Mark Ave                       | Rose Ave                       | 348.48  | 0.066 | Concrete | 8 | \$ | 5.00 | \$ | 1,742.40 |
| Champaign Rd            | Rose Ave                       | Riopelle Ave                   | 322.08  | 0.061 | Concrete | 8 | \$ | 5.00 | \$ | 1,610.40 |
| Champaign Rd            | Riopelle Ave                   | Progress Ave                   | 31.68   | 0.006 | Concrete | 8 | \$ | 5.00 | \$ | 158.40   |
| Champaign Rd            | Progress Ave                   | City/Twp Line                  | 184.8   | 0.035 | Concrete | 8 | \$ | 5.00 | \$ | 924.00   |
| Champaign Rd            | City/Twp Line                  | City/Twp Line                  | 190.08  | 0.036 | Concrete | 8 | \$ | 5.00 | \$ | 950.40   |
| Charter Ave             | Frank Ave                      | City/Twp Line                  | 116.16  | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Cicotte Ave             | 5175                           | John A Papalas Dr              | 227.04  | 0.043 | Concrete | 8 | \$ | 5.00 | \$ | 1,135.20 |
| Cicotte Ave             | Porter Ave                     | Dix Ave                        | 1008.48 | 0.191 | Concrete | 8 | \$ | 5.00 | \$ | 5,042.40 |
| Cicotte Ave             | Lafayette Blvd                 | Howard St                      | 675.84  | 0.128 | Concrete | 8 | \$ | 5.00 | \$ | 3,379.20 |
| Cicotte Ave             | Howard St                      | N175                           | 227.04  | 0.043 | Concrete | 8 | \$ | 5.00 | \$ | 1,135.20 |
| College Ave             | Frank Ave                      | City/Twp Line                  | 121.44  | 0.023 | Concrete | 8 | \$ | 5.00 | \$ | 607.20   |
| College Ave             | Dix Ave                        | Frank Ave                      | 892.32  | 0.169 | Concrete | 8 | \$ | 5.00 | \$ | 4,461.60 |
| Council Ave             | Frank Ave                      | City/Twp Line                  | 116.16  | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Council Ave             | Fort St                        | Kaler Ave                      | 163.68  | 0.031 | Concrete | 8 | \$ | 5.00 | \$ | 818.40   |
| Council Ave             | Kaler Ave                      | Fort Park Blvd                 | 290.4   | 0.055 | Concrete | 8 | \$ | 5.00 | \$ | 1,452.00 |
| E Outer/JLafayette Ramp | Lafayette Blvd                 | S Outer/N175 RAMP & Outer Dr   | 179.52  | 0.034 | Concrete | 8 | \$ | 5.00 | \$ | 892.60   |
| Ermions Blvd            | Dix Ave                        | Kings Hwy & Winchester Ave     | 401.28  | 0.076 | Concrete | 8 | \$ | 5.00 | \$ | 2,006.40 |
| Ermions Blvd            | Kings Hwy & Winchester Ave     | Myron Ave                      | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Ermions Blvd            | Myron Ave                      | Abbott Ave                     | 675.84  | 0.128 | Concrete | 8 | \$ | 5.00 | \$ | 3,379.20 |
| Ermions Blvd            | Abbott Ave                     | Howard Ave                     | 781.44  | 0.148 | Concrete | 8 | \$ | 5.00 | \$ | 3,907.20 |
| Ermions Blvd            | Howard Ave                     | Winchester Ave                 | 823.68  | 0.156 | Concrete | 8 | \$ | 5.00 | \$ | 4,118.40 |
| Eucild Ave              | Frank Ave                      | City/Twp Line                  | 136.72  | 0.024 | Concrete | 8 | \$ | 5.00 | \$ | 633.60   |
| Fort Blvd               | Fort St                        | Ferris Ave                     | 1092.96 | 0.207 | Concrete | 8 | \$ | 5.00 | \$ | 5,464.80 |
| Fort Park Blvd          | OConnor Ave                    | Eucild Ave                     | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,199.20 |
| Fort Park Blvd          | Eucild Ave                     | Russell Ave                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd          | Russell Ave                    | Keppen Blvd                    | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Fort Park Blvd          | Keppen Blvd                    | Hanford Ave                    | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Fort Park Blvd          | Hanford Ave                    | Cicotte Ave                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd          | University Ave                 | Park Ave                       | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd          | Park Ave                       | College Ave                    | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,390.20 |
| Fort Park Blvd          | College Ave                    | Morris Ave                     | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd          | Morris Ave                     | Reo Ave                        | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |

|                |                                    |                                   |         |       |          |   |    |      |    |          |
|----------------|------------------------------------|-----------------------------------|---------|-------|----------|---|----|------|----|----------|
| Fort Park Blvd | Reo Ave                            | Montie Rd                         | 95.04   | 0.018 | Concrete | 8 | \$ | 5.00 | \$ | 475.20   |
| Fort Park Blvd | Montie Rd                          | Council Ave                       | 501.6   | 0.095 | Concrete | 8 | \$ | 5.00 | \$ | 2,508.00 |
| Fort Park Blvd | N M 39                             | Anne Ave                          | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd | Anne Ave                           | Arlington Ave                     | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd | Arlington Ave                      | Warwick Ave                       | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd | Warwick Ave                        | OConnor Ave                       | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Frank Ave      | Outer Dr                           | Ruth Ave                          | 353.76  | 0.062 | Concrete | 8 | \$ | 5.00 | \$ | 1,768.80 |
| Garfield Ave   | Garfield Ave - surface Change      | Riopelle Ave                      | 142.56  | 0.027 | Concrete | 8 | \$ | 5.00 | \$ | 712.80   |
| Hazel Ave      | Richmond Ave                       | London Ave                        | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,394.40 |
| Hazel Ave      | Hazel Ave Bridge                   | Saint Johns Blvd                  | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Hazel Ave      | Saint Johns Blvd                   | Ford Blvd                         | 380.16  | 0.072 | Concrete | 8 | \$ | 5.00 | \$ | 1,900.80 |
| Hazel Ave      | Ford Blvd                          | LeBlanc Ave                       | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Hazel Ave      | LeBlanc Ave                        | Michigan Ave                      | 295.68  | 0.056 | Concrete | 8 | \$ | 5.00 | \$ | 1,478.40 |
| Hazel Ave      | Michigan Ave                       | Moran Ave                         | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Hazel Ave      | River Bank Ave                     | River Bank Ave                    | 295.68  | 0.056 | Concrete | 8 | \$ | 5.00 | \$ | 1,478.40 |
| Helen Ave      | Buckingham Ave                     | Dead End                          | 142.56  | 0.027 | Concrete | 8 | \$ | 5.00 | \$ | 712.80   |
| Higland Ave    | River Dr & Highland Ave            | Page Ave                          | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Higland Ave    | Kings Hwy                          | Kings Hwy                         | 712.8   | 0.135 | Concrete | 8 | \$ | 5.00 | \$ | 3,564.00 |
| Howard Ave     | Merrill Ave                        | Emmons Blvd & N Shore Dr          | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Howard Ave     | Richmond Ave                       | London Ave                        | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Howard St      | Croite Ave                         | University Ave                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Howard St      | N M 39                             | Hannover Ave                      | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Jonas Ave      | Hannover Ave                       | Anne Ave                          | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Lafayette Blvd | Charter Ave & N 175/Lafayette RAMP | Lafayette RAMP                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Lafayette Blvd | Lafayette Blvd                     | E Outer/S Lafayette Ramp          | 332.64  | 0.063 | Concrete | 8 | \$ | 5.00 | \$ | 1,663.20 |
| Lafayette Blvd | E Outer/S Lafayette Ramp           | Outer Dr & W Outer/Lafayette TURN | 179.52  | 0.034 | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Lafayette Blvd | Lafayette Blvd                     | Outer Dr & W Outer/Lafayette TURN | 443.52  | 0.084 | Concrete | 8 | \$ | 5.00 | \$ | 2,217.60 |
| Leblanc Ave    | Dix Ave                            | Porter Ave                        | 660     | 0.125 | Concrete | 8 | \$ | 5.00 | \$ | 3,300.00 |
| London Ave     | Consolidated Rail Corporation      | Porter Ave                        | 142.56  | 0.027 | Concrete | 8 | \$ | 5.00 | \$ | 712.80   |
| Markese Ave    | Dix Ave                            | Porter St                         | 701.52  | 0.134 | Concrete | 8 | \$ | 5.00 | \$ | 3,537.60 |
| Montie Rd      | Empire Ave                         | Dead End                          | 137.28  | 0.071 | Concrete | 8 | \$ | 5.00 | \$ | 1,874.40 |
| Montie Rd      | Montie Rd - Surface Change         | Porter Ave                        | 242.88  | 0.046 | Concrete | 8 | \$ | 5.00 | \$ | 686.40   |
| Moran Ave      | Dix Ave                            | Porter Ave                        | 665.28  | 0.126 | Concrete | 8 | \$ | 5.00 | \$ | 3,273.60 |
| Moran Ave      | Porter Ave                         | Abbott Ave                        | 654.72  | 0.124 | Concrete | 8 | \$ | 5.00 | \$ | 3,273.60 |
| Moran Ave      | Abbott Ave                         | Howard Ave                        | 786.72  | 0.149 | Concrete | 8 | \$ | 5.00 | \$ | 3,933.60 |
| Moran Ave      | Howard Ave                         | Lafayette St                      | 649.44  | 0.123 | Concrete | 8 | \$ | 5.00 | \$ | 3,247.20 |
| Moran Ave      | Lafayette St                       | Fort St                           | 881.76  | 0.167 | Concrete | 8 | \$ | 5.00 | \$ | 4,408.80 |
| Moran Ave      | Fort St                            | Ferris Ave                        | 966.24  | 0.183 | Concrete | 8 | \$ | 5.00 | \$ | 4,831.20 |
| Moran Ave      | Ferris Ave                         | Wilson Ave                        | 770.88  | 0.146 | Concrete | 8 | \$ | 5.00 | \$ | 3,880.80 |
| Moran Ave      | Wilson Ave                         | Gohl Rd                           | 776.16  | 0.147 | Concrete | 8 | \$ | 5.00 | \$ | 3,880.80 |
| Moran Ave      | Gohl Rd                            | Electric Ave                      | 1219.68 | 0.231 | Concrete | 8 | \$ | 5.00 | \$ | 6,098.40 |
| Morris Ave     | Electric Ave                       | River Dr                          | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Old Goddard Rd | Frank Ave                          | City/Twp line                     | 121.44  | 0.023 | Concrete | 8 | \$ | 5.00 | \$ | 607.20   |
| Old Goddard Rd | Ford Line Rd                       | Helen Ave                         | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd | Helen Ave                          | Irene Ave                         | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Old Goddard Rd | Irene Ave                          | Hazel Ave                         | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Old Goddard Rd | Hazel Ave                          | Agnes Ave                         | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Old Goddard Rd | Agnes Ave                          | Longlin Ave                       | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,394.40 |
| Old Goddard Rd | Longlin Ave                        | Dix Ave                           | 322.08  | 0.061 | Concrete | 8 | \$ | 5.00 | \$ | 1,510.40 |
| Old Goddard Rd | Coolidge Ave                       | Porter Ave                        | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,475.60 |

|                |                            |                               |        |       |          |   |    |      |    |          |
|----------------|----------------------------|-------------------------------|--------|-------|----------|---|----|------|----|----------|
| Old Goddard Rd | Porter Ave                 | Burns Ave                     | 285.12 | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd | Burns Ave                  | Abbot Ave                     | 443.52 | 0.084 | Concrete | 8 | \$ | 5.00 | \$ | 2,217.60 |
| Old Goddard Rd | Abbot Ave                  | Brouseville Ave               | 290.4  | 0.055 | Concrete | 8 | \$ | 5.00 | \$ | 1,452.00 |
| Old Goddard Rd | Brouseville Ave            | High St                       | 300.96 | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Old Goddard Rd | High St                    | Howard Ave                    | 237.6  | 0.045 | Concrete | 8 | \$ | 5.00 | \$ | 1,188.00 |
| Old Goddard Rd | Howard Ave                 | Howard Ave                    | 79.2   | 0.015 | Concrete | 8 | \$ | 5.00 | \$ | 396.00   |
| Old Goddard Rd | Howard Ave                 | Duplex Ave                    | 264    | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd | Duplex Ave                 | Lafayette St                  | 348.48 | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,742.40 |
| Old Goddard Rd | Lafayette St               | Hubbard Ave                   | 322.08 | 0.061 | Concrete | 8 | \$ | 5.00 | \$ | 1,610.40 |
| Old Goddard Rd | Hubbard Ave                | Drouillard Ave                | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Old Goddard Rd | Drouillard Ave             | Fort St                       | 195.36 | 0.037 | Concrete | 8 | \$ | 5.00 | \$ | 976.80   |
| Old Goddard Rd | Fort St                    | City/Twp Line                 | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Old Goddard Rd | Electric Ave               | Electric Ave                  | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Old Goddard Rd | Frank Ave                  | City/Twp Line                 | 121.44 | 0.023 | Concrete | 8 | \$ | 5.00 | \$ | 607.20   |
| Old Goddard Rd | Frank Ave                  | Monte Rd                      | 174.24 | 0.033 | Concrete | 8 | \$ | 5.00 | \$ | 871.20   |
| Old Goddard Rd | Demian Ave                 | Horger Ave                    | 274.56 | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Old Goddard Rd | N M 39                     | Cicotte Ave                   | 274.56 | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Old Goddard Rd | Hanford Ave                | Cicotte Ave                   | 279.84 | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Old Goddard Rd | Cicotte Ave                | University Ave                | 285.12 | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd | University Ave             | Paris Ave                     | 274.56 | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Old Goddard Rd | Paris Ave                  | College Ave                   | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Old Goddard Rd | Frank Ave                  | City/Twp Line                 | 654.72 | 0.124 | Concrete | 8 | \$ | 5.00 | \$ | 3,273.60 |
| Old Goddard Rd | Richmond Ave               | Abbot Ave                     | 158.4  | 0.03  | Concrete | 8 | \$ | 5.00 | \$ | 792.00   |
| Old Goddard Rd | Champaign Rd               | Jonas Ave                     | 285.12 | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd | Jonas Ave                  | Angelique Ave                 | 100.32 | 0.019 | Concrete | 8 | \$ | 5.00 | \$ | 501.60   |
| Old Goddard Rd | McLain Ave                 | McLain Ave                    | 195.36 | 0.037 | Concrete | 8 | \$ | 5.00 | \$ | 976.80   |
| Old Goddard Rd | McLain Ave                 | Mill St                       | 105.6  | 0.02  | Concrete | 8 | \$ | 5.00 | \$ | 528.00   |
| Old Goddard Rd | Mill St                    | Cleveland Ave                 | 147.84 | 0.028 | Concrete | 8 | \$ | 5.00 | \$ | 976.80   |
| Old Goddard Rd | Cleveland Ave              | Cleveland Ave                 | 300.96 | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Old Goddard Rd | Cleveland Ave              | Garfield Ave                  | 95.04  | 0.018 | Concrete | 8 | \$ | 5.00 | \$ | 475.20   |
| Old Goddard Rd | Frank Ave                  | Dead End                      | 755.04 | 0.143 | Concrete | 8 | \$ | 5.00 | \$ | 3,775.20 |
| Old Goddard Rd | Wilson Ave                 | Saint Johns Ct & Gohl Rd      | 221.76 | 0.042 | Concrete | 8 | \$ | 5.00 | \$ | 1,108.80 |
| Old Goddard Rd | Saint Johns Blvd & Gohl Rd | Dead End                      | 269.28 | 0.046 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,941.04 |
| Old Goddard Rd | Farnham Ave                | Rose Ave                      | 295.68 | 0.056 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,590.40 |
| Old Goddard Rd | Progress Ave               | Champaign Rd                  | 448.8  | 0.085 | Asphalt  | 7 | \$ | 8.00 | \$ | 4,899.84 |
| Old Goddard Rd | Hoover Ave                 | Elliot Ave                    | 612.48 | 0.116 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,407.68 |
| Old Goddard Rd | River Dr                   | LaCade Blvd                   | 300.96 | 0.057 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,534.40 |
| Old Goddard Rd | Elliot Ave                 | Applewood Ave                 | 316.8  | 0.06  | Asphalt  | 7 | \$ | 8.00 | \$ | 2,534.40 |
| Old Goddard Rd | LaCade Blvd                | Chandler Ave                  | 939.84 | 0.178 | Asphalt  | 7 | \$ | 8.00 | \$ | 7,518.72 |
| Old Goddard Rd | Howard St                  | Chandler Ave                  | 802.56 | 0.152 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,420.48 |
| Old Goddard Rd | Fort St                    | Ferris Ave                    | 686.4  | 0.13  | Asphalt  | 7 | \$ | 8.00 | \$ | 5,491.20 |
| Old Goddard Rd | Chandler Ave               | Ferris Ave                    | 269.28 | 0.051 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,154.74 |
| Old Goddard Rd | Marion Ave                 | Chandler Ave                  | 285.12 | 0.052 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,618.88 |
| Old Goddard Rd | Wilson Ave                 | Electric Ave                  | 327.36 | 0.062 | Asphalt  | 7 | \$ | 8.00 | \$ | 4,139.52 |
| Old Goddard Rd | Electric Ave               | Electric Ave - surface Change | 517.44 | 0.098 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,548.16 |
| Old Goddard Rd | Electric Ave               | Merrill Ave & Pingree Ave     | 443.52 | 0.084 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,816.32 |
| Old Goddard Rd | Detroit Ave                | Progress Ave                  | 227.04 | 0.043 | Asphalt  | 7 | \$ | 8.00 | \$ | 643.60   |
| Old Goddard Rd | Emmons Blvd                | Emmons Blvd & Fort St         | 79.2   | 0.015 | Asphalt  | 7 | \$ | 8.00 | \$ | 643.60   |
| Old Goddard Rd | Emmons Blvd                | Ferris Ave                    | 828.96 | 0.157 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,641.68 |
| Old Goddard Rd | Ferris Ave                 | Wilson Ave                    | 770.88 | 0.146 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,162.04 |
| Old Goddard Rd | Wilson Ave                 | Gohl Rd                       | 776.16 | 0.147 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,209.28 |

|                |                             |                              |         |       |          |   |   |      |   |          |
|----------------|-----------------------------|------------------------------|---------|-------|----------|---|---|------|---|----------|
| Emmons Blvd    | Gohl Rd                     | Electric Ave                 | 834.24  | 0.158 | Asphalt  | 7 | 5 | 8.00 | 5 | 6,673.92 |
| Emmons Blvd    | Electric Ave                | Electric Ave                 | 110.88  | 0.021 | Asphalt  | 7 | 5 | 8.00 | 5 | 887.04   |
| Emmons Blvd    | River Ct                    | River Ct                     | 190.08  | 0.036 | Asphalt  | 7 | 5 | 8.00 | 5 | 1,520.64 |
| Emmons Blvd    | River Dr                    | River Dr                     | 528     | 0.1   | Asphalt  | 7 | 5 | 8.00 | 5 | 4,224.00 |
| Emmons Blvd    | Lafayette St                | N Shore Dr & Shore Dr        | 369.6   | 0.07  | Asphalt  | 7 | 5 | 8.00 | 5 | 2,956.80 |
| Fort Park Blvd | Mayflower Ave               | Fort St                      | 755.04  | 0.143 | Asphalt  | 7 | 5 | 8.00 | 5 | 6,000.12 |
| Fort Park Blvd | Progress Ave                | Detroit Ave                  | 290.4   | 0.055 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,323.20 |
| Fort Park Blvd | Rose Ave                    | Rose Ave                     | 290.4   | 0.055 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,323.20 |
| Fort Park Blvd | Champaign Rd                | Mark Ave                     | 285.12  | 0.054 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,280.96 |
| Fort Park Blvd | Mill St                     | Cleveland Ave                | 153.12  | 0.029 | Asphalt  | 7 | 5 | 8.00 | 5 | 1,224.96 |
| Fort Park Blvd | Cleveland Ave               | Cleveland Ave                | 100.32  | 0.019 | Asphalt  | 7 | 5 | 8.00 | 5 | 802.56   |
| Fort Park Blvd | Lincoln Ave                 | Lincoln Ave                  | 200.64  | 0.038 | Asphalt  | 7 | 5 | 8.00 | 5 | 1,605.12 |
| Fort Park Blvd | Lincoln Ave                 | Garfield Ave                 | 58.08   | 0.011 | Asphalt  | 7 | 5 | 8.00 | 5 | 464.64   |
| Fort Park Blvd | Garfield Ave                | Garfield Ave                 | 258.72  | 0.009 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,069.76 |
| Fort Park Blvd | Garfield Ave                | White Ave                    | 26.4    | 0.005 | Asphalt  | 7 | 5 | 8.00 | 5 | 211.20   |
| Fort Park Blvd | White Ave                   | Philomene Blvd               | 269.28  | 0.051 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,154.24 |
| Fort Park Blvd | Philomene Blvd              | Cleophas Pkwy                | 84.48   | 0.016 | Asphalt  | 7 | 5 | 8.00 | 5 | 675.84   |
| Fort Park Blvd | Cleophas Pkwy               | S M 39                       | 380.16  | 0.072 | Asphalt  | 7 | 5 | 8.00 | 5 | 3,041.28 |
| Harrison Blvd  | Ferris Ave                  | Ferris Ave                   | 190.08  | 0.036 | Asphalt  | 7 | 5 | 8.00 | 5 | 1,520.64 |
| Harrison Blvd  | Wilson Ave                  | Wilson Ave                   | 1140.48 | 0.216 | Asphalt  | 7 | 5 | 8.00 | 5 | 9,123.84 |
| Harrison Blvd  | Gohl Rd                     | River Dr                     | 918.72  | 0.174 | Asphalt  | 7 | 5 | 8.00 | 5 | 7,349.76 |
| Harrison Blvd  | Gohl Rd                     | Euclid Ave                   | 596.64  | 0.097 | Asphalt  | 7 | 5 | 8.00 | 5 | 4,773.12 |
| Howard St      | Euclid Ave                  | Russell Ave                  | 274.56  | 0.052 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,196.48 |
| Howard St      | Russell Ave                 | Keppen Blvd                  | 285.12  | 0.052 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,196.48 |
| Howard St      | Anne Ave                    | Arlington Ave                | 274.56  | 0.052 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,196.48 |
| Howard St      | Arlington Ave               | Warwick Ave                  | 274.56  | 0.052 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,196.48 |
| Lafayette Blvd | Lafayette St & Champaign Rd | McLain Ave                   | 290.4   | 0.051 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,154.24 |
| Lafayette Blvd | McLain Ave                  | Mill St                      | 260.28  | 0.051 | Asphalt  | 7 | 5 | 8.00 | 5 | 2,123.20 |
| Liberty Ave    | Howard Ave                  | Lafayette St                 | 649.44  | 0.123 | Asphalt  | 7 | 5 | 8.00 | 5 | 5,195.52 |
| London Ave     | Bailey Ave                  | Wayne St                     | 649.44  | 0.123 | Asphalt  | 7 | 5 | 8.00 | 5 | 5,195.52 |
| London Ave     | N I 75                      | Hazel Ave                    | 385.44  | 0.073 | Asphalt  | 7 | 5 | 8.00 | 5 | 3,083.52 |
| London Ave     | Dir Ave                     | Porter Ave                   | 670.56  | 0.127 | Asphalt  | 7 | 5 | 8.00 | 5 | 5,364.48 |
| Mayflower Ave  | Porter Ave                  | Abbott Ave                   | 654.72  | 0.124 | Asphalt  | 7 | 5 | 8.00 | 5 | 5,237.76 |
| McLain Ave     | Fort Park Blvd              | Chandler Ave                 | 438.24  | 0.083 | Asphalt  | 7 | 5 | 8.00 | 5 | 3,505.92 |
| Merrill Ave    | Lafayette St                | Lafayette Blvd               | 966.24  | 0.183 | Asphalt  | 7 | 5 | 8.00 | 5 | 7,779.92 |
| New York Ave   | Hazel Ave                   | Dir Ave                      | 649.44  | 0.123 | Asphalt  | 7 | 5 | 8.00 | 5 | 5,195.52 |
| OCornor Ave    | Lafayette Blvd              | Howard St                    | 670.56  | 0.127 | Asphalt  | 7 | 5 | 8.00 | 5 | 5,364.48 |
| White Ave      | Electric Ave                | Russell Ave - Surface Change | 47.52   | 0.009 | Asphalt  | 7 | 5 | 8.00 | 5 | 380.16   |
| Abbott Ave     | LeBlanc Ave                 | Fort Park Blvd               | 232.32  | 0.044 | Asphalt  | 7 | 5 | 8.00 | 5 | 1,858.56 |
| Abbott Ave     | Michigan Ave                | Michigan Ave                 | 300.96  | 0.057 | Concrete | 7 | 5 | 7.00 | 5 | 2,106.72 |
| Abbott Ave     | Moran Ave                   | Myron Ave                    | 311.52  | 0.059 | Concrete | 7 | 5 | 7.00 | 5 | 2,180.64 |
| Applewood Ave  | Emmons Ave                  | River Bank Ave               | 295.68  | 0.056 | Concrete | 7 | 5 | 7.00 | 5 | 2,069.76 |
| Arlington Ave  | Stewart Ave                 | Capitol Ave                  | 258.72  | 0.049 | Concrete | 7 | 5 | 7.00 | 5 | 1,811.04 |
| Brest Ave      | Howard St                   | Lafayette Blvd               | 427.68  | 0.081 | Concrete | 7 | 5 | 7.00 | 5 | 2,993.76 |
| Brest Ave      | Longtin Ave                 | Brest Ave - Surface Change   | 675.84  | 0.128 | Concrete | 7 | 5 | 7.00 | 5 | 4,730.88 |
| Brest Ave      | Burns Ave                   | Abbott Ave                   | 327.36  | 0.062 | Concrete | 7 | 5 | 7.00 | 5 | 2,291.52 |
| Brest Ave      | Abbott Ave                  | James Ave                    | 427.68  | 0.081 | Concrete | 7 | 5 | 7.00 | 5 | 2,993.76 |
| Brest Ave      | Abbott Ave                  | James Ave                    | 237.6   | 0.045 | Concrete | 7 | 5 | 7.00 | 5 | 1,663.20 |

|                |                          |                                |         |       |          |   |   |      |   |          |
|----------------|--------------------------|--------------------------------|---------|-------|----------|---|---|------|---|----------|
| Brest Ave      | Brouseville Ave          | High St                        | 300.96  | 0.057 | Concrete | 7 | 5 | 7.00 | 5 | 2,106.72 |
| Brest Ave      | Howard Ave               | Duplex Ave                     | 258.72  | 0.049 | Concrete | 7 | 5 | 7.00 | 5 | 1,811.04 |
| Brest Ave      | Duplex Ave               | Lafayette St                   | 269.28  | 0.051 | Concrete | 7 | 5 | 7.00 | 5 | 1,884.96 |
| Brest Ave      | Lafayette St             | Barberry Ave                   | 142.56  | 0.027 | Concrete | 7 | 5 | 7.00 | 5 | 997.92   |
| Buckingham Ave | Barberry Ave             | Hubbard Ave                    | 121.44  | 0.023 | Concrete | 7 | 5 | 7.00 | 5 | 850.08   |
| Calvin Ave     | Richmond Ave             | Dead End                       | 147.84  | 0.028 | Concrete | 7 | 5 | 7.00 | 5 | 1,034.88 |
| Champaign Rd   | Bailey Ave               | Dead End                       | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.92 |
| Chandler Ave   | Elliott Ave              | River Dr                       | 612.48  | 0.116 | Concrete | 7 | 5 | 7.00 | 5 | 4,287.36 |
| Chandler Ave   | Capitol Ave              | Mayflower Ave                  | 274.56  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.68 |
| Chandler Ave   | Mill St                  | Cleveland Ave                  | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.92 |
| Chandler Ave   | Garfield Ave             | White Ave                      | 295.68  | 0.056 | Concrete | 7 | 5 | 7.00 | 5 | 2,069.76 |
| Cicotte Ave    | Dead End                 | Leleune Ave                    | 168.96  | 0.032 | Concrete | 7 | 5 | 7.00 | 5 | 2,059.76 |
| Cleophas Pkwy  | Lafayette Blvd           | Cleophas Pkwy - Surface Change | 691.68  | 0.131 | Concrete | 7 | 5 | 7.00 | 5 | 1,182.72 |
| College Ave    | Dead End                 | Porter Ave                     | 237.6   | 0.045 | Concrete | 7 | 5 | 7.00 | 5 | 1,663.20 |
| College Ave    | Porter Ave               | Dix Ave                        | 1013.76 | 0.192 | Concrete | 7 | 5 | 7.00 | 5 | 7,096.32 |
| Council Ave    | Dead End                 | Porter Ave                     | 237.6   | 0.045 | Concrete | 7 | 5 | 7.00 | 5 | 1,663.20 |
| Deerfoot Ave   | Dix Ave                  | Rose Ave                       | 89.76   | 0.017 | Concrete | 7 | 5 | 7.00 | 5 | 628.32   |
| Elliott Ave    | Champaign Rd             | Farnham Ave                    | 258.72  | 0.049 | Concrete | 7 | 5 | 7.00 | 5 | 1,811.04 |
| Elliott Ave    | Lincoln Blvd             | Garfield Ave                   | 300.96  | 0.057 | Concrete | 7 | 5 | 7.00 | 5 | 2,106.72 |
| Emmons Blvd    | Cleophas Pkwy            | Southfield Rd                  | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.88 |
| Empire Ave     | Winchester Ave           | Emmons Blvd - surface Change   | 823.68  | 0.156 | Concrete | 7 | 5 | 7.00 | 5 | 5,765.76 |
| Ferris Ave     | Montie Rd                | Dead End                       | 406.56  | 0.077 | Concrete | 7 | 5 | 7.00 | 5 | 2,805.92 |
| Ferris Ave     | Stewart Ave              | Merrill Ave                    | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.88 |
| Ferris Ave     | Saint Johns Blvd         | Ford Blvd                      | 364.32  | 0.069 | Concrete | 7 | 5 | 7.00 | 5 | 2,550.24 |
| Ferris Ave     | Emmons Blvd              | Winchester Ave                 | 306.24  | 0.058 | Concrete | 7 | 5 | 7.00 | 5 | 2,143.68 |
| Ford Blvd      | Buckingham Ave           | Pagel Ave                      | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.92 |
| Ford Blvd      | Ford Line Rd & Ford Ave  | Helen Ave                      | 285.12  | 0.054 | Concrete | 7 | 5 | 7.00 | 5 | 1,995.84 |
| Ford Blvd      | Helen Ave                | Irene Ave                      | 269.28  | 0.051 | Concrete | 7 | 5 | 7.00 | 5 | 1,884.96 |
| Ford Line Rd   | Agnes Ave                | Longlin Ave                    | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.88 |
| Frank Ave      | Clinton River Shore Blvd | Ford Blvd & Ford Ave           | 332.64  | 0.063 | Concrete | 7 | 5 | 7.00 | 5 | 2,328.48 |
| Gohl Rd        | Ford Blvd                | LeBlanc Ave                    | 327.36  | 0.062 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.92 |
| Gohl Rd        | Moran Ave                | River Bank Ave                 | 306.24  | 0.058 | Concrete | 7 | 5 | 7.00 | 5 | 2,291.52 |
| Gohl Rd        | River Bank Ave           | Highland Ave                   | 285.12  | 0.054 | Concrete | 7 | 5 | 7.00 | 5 | 1,943.68 |
| Hamilton Ave   | Raup Pl                  | Dix Ave                        | 322.08  | 0.061 | Concrete | 7 | 5 | 7.00 | 5 | 1,995.84 |
| Hanover Ave    | Hanover Ave              | Dead End                       | 47.52   | 0.009 | Concrete | 7 | 5 | 7.00 | 5 | 2,254.56 |
| Hanover Ave    | Porter Ave               | Hanover Ave                    | 369.6   | 0.07  | Concrete | 7 | 5 | 7.00 | 5 | 332.64   |
| Hartwick Hwy   | Minnie Ave               | Dead End                       | 480.48  | 0.091 | Concrete | 7 | 5 | 7.00 | 5 | 2,587.20 |
| Hazel Ave      | New York Ave             | Liberty Ave                    | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 3,363.36 |
| Hazel Ave      | Brest Ave                | Old Goddard Rd                 | 828.96  | 0.157 | Concrete | 7 | 5 | 7.00 | 5 | 5,802.72 |
| Helen Ave      | Liberty Ave              | Gregory Ave                    | 295.68  | 0.056 | Concrete | 7 | 5 | 7.00 | 5 | 2,069.76 |
| Helen Ave      | Pagel Ave                | Malvina Ave                    | 285.12  | 0.054 | Concrete | 7 | 5 | 7.00 | 5 | 1,995.84 |
| High St        | Brest Ave                | Old Goddard Rd                 | 876.48  | 0.166 | Concrete | 7 | 5 | 7.00 | 5 | 6,135.36 |
| Howard Ave     | Emmons Ave               | Myron Ave                      | 1246.08 | 0.236 | Concrete | 7 | 5 | 7.00 | 5 | 8,772.56 |
| Kaler Ave      | Myron Ave                | Winchester Ave                 | 248.16  | 0.047 | Concrete | 7 | 5 | 7.00 | 5 | 1,774.08 |
| Keppen Blvd    | Council Ave              | Dead End                       | 158.4   | 0.03  | Concrete | 7 | 5 | 7.00 | 5 | 1,108.80 |
| Keppen Blvd    | Dead End                 | Porter Ave                     | 237.6   | 0.045 | Concrete | 7 | 5 | 7.00 | 5 | 1,663.20 |
| Keppen Blvd    | Dix Ave                  | Frank Ave                      | 892.32  | 0.169 | Concrete | 7 | 5 | 7.00 | 5 | 6,246.24 |
| Kings Hwy      | Frank Ave                | City/Twp Line                  | 121.44  | 0.023 | Concrete | 7 | 5 | 7.00 | 5 | 850.08   |
|                | Myron Ave                | Abbott Ave                     | 871.2   | 0.165 | Concrete | 7 | 5 | 7.00 | 5 | 6,098.40 |

|                  |                              |                               |         |       |          |   |   |      |   |          |
|------------------|------------------------------|-------------------------------|---------|-------|----------|---|---|------|---|----------|
| Lafayette Blvd   | College Ave                  | Morris Ave                    | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.88 |
| Lafayette Blvd   | Morris Ave                   | Reo Ave                       | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,911.97 |
| LeBlanc Ave      | Demean Ave                   | Montie Rd                     | 147.84  | 0.028 | Concrete | 7 | 5 | 7.00 | 5 | 1,034.88 |
| LeBlanc Ave      | Ford Line Rd                 | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | 5 | 7.00 | 5 | 5,807.77 |
| Malvina Ave      | Porter Ave                   | Abbott Ave                    | 654.72  | 0.124 | Concrete | 7 | 5 | 7.00 | 5 | 4,583.04 |
| Malvina Ave      | Richmond Ave                 | Helen Ave                     | 295.68  | 0.056 | Concrete | 7 | 5 | 7.00 | 5 | 2,069.76 |
| McLain Ave       | Helen Ave                    | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | 5 | 7.00 | 5 | 4,176.48 |
| Meyer Ct         | Riopelle Ave                 | City/Twp Line                 | 264     | 0.05  | Concrete | 7 | 5 | 7.00 | 5 | 1,848.00 |
| Michigan Ave     | Richmond Ave                 | Hazel Ave                     | 691.68  | 0.137 | Concrete | 7 | 5 | 7.00 | 5 | 4,841.76 |
| Montie Rd        | Michigan Blvd & Ford Line Rd | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | 5 | 7.00 | 5 | 5,807.77 |
| Morris Ave       | Dead End                     | City/Twp Line                 | 121.44  | 0.073 | Concrete | 7 | 5 | 7.00 | 5 | 850.08   |
| Myron Ave        | Abbott Ave                   | Porter Ave                    | 232.32  | 0.044 | Concrete | 7 | 5 | 7.00 | 5 | 1,626.24 |
| New York Ave     | Howard Ave                   | Howard Ave                    | 786.72  | 0.149 | Concrete | 7 | 5 | 7.00 | 5 | 5,507.04 |
| Old Goddard Rd   | Helen Ave                    | Howard Ave                    | 786.72  | 0.149 | Concrete | 7 | 5 | 7.00 | 5 | 5,507.04 |
| Papel Ave        | Dix Ave                      | New York Ave - Surface Change | 52.8    | 0.01  | Concrete | 7 | 5 | 7.00 | 5 | 369.60   |
| Papel Ave        | Helen Ave                    | Coolidge Ave                  | 337.92  | 0.064 | Concrete | 7 | 5 | 7.00 | 5 | 2,365.44 |
| Papel Ave        | Hazel Ave                    | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | 5 | 7.00 | 5 | 4,176.48 |
| Papel Ave        | Papel Ave - Surface Change   | Electric Ave                  | 58.08   | 0.011 | Concrete | 7 | 5 | 7.00 | 5 | 406.56   |
| Part Ave         | River Dr                     | Appelwood Ave                 | 126.72  | 0.024 | Concrete | 7 | 5 | 7.00 | 5 | 881.04   |
| Pennsylvania Ave | Reo Ave                      | Demean Ave                    | 1230.24 | 0.213 | Concrete | 7 | 5 | 7.00 | 5 | 8,611.68 |
| Philomene Blvd   | Riopelle Ave                 | City/Twp Line                 | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.97 |
| Philomene Blvd   | Lafayette Blvd               | Howard St                     | 142.56  | 0.027 | Concrete | 7 | 5 | 7.00 | 5 | 997.92   |
| Pingree Ave      | Electric Ave & Merrill Ave   | Capitol Ave                   | 723.36  | 0.137 | Concrete | 7 | 5 | 7.00 | 5 | 5,003.52 |
| Pingree Ave      | Mayflower Ave                | Detroit Ave                   | 348.48  | 0.066 | Concrete | 7 | 5 | 7.00 | 5 | 2,439.36 |
| Pingree Ave      | Detroit Ave                  | Champaign Rd                  | 269.28  | 0.051 | Concrete | 7 | 5 | 7.00 | 5 | 1,884.96 |
| Pingree Ave      | Champaign Rd                 | Farnham Ave                   | 390.72  | 0.074 | Concrete | 7 | 5 | 7.00 | 5 | 2,735.04 |
| Pingree Ave      | Farnham Ave                  | Mill St                       | 258.72  | 0.049 | Concrete | 7 | 5 | 7.00 | 5 | 1,811.04 |
| Pingree Ave      | Mill St                      | Cleveland Ave                 | 264     | 0.05  | Concrete | 7 | 5 | 7.00 | 5 | 1,848.00 |
| Pingree Ave      | Cleveland Ave                | Lincoln Blvd                  | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.97 |
| Pingree Ave      | Lincoln Blvd                 | Garfield Ave                  | 300.96  | 0.057 | Concrete | 7 | 5 | 7.00 | 5 | 2,106.72 |
| Pingree Ave      | Garfield Ave                 | White Ave                     | 269.28  | 0.051 | Concrete | 7 | 5 | 7.00 | 5 | 1,884.96 |
| Porter Ave       | Arlington Ave                | Warwick Ave                   | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.97 |
| Porter Ave       | Warwick Ave                  | OConnor Ave                   | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.97 |
| Porter Ave       | OConnor Ave                  | Eucild Ave                    | 274.56  | 0.052 | Concrete | 7 | 5 | 7.00 | 5 | 1,921.97 |
| Porter Ave       | Russell Ave                  | Russell Ave                   | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.88 |
| Porter Ave       | Keppen Blvd                  | Keppen Blvd                   | 279.84  | 0.053 | Concrete | 7 | 5 | 7.00 | 5 | 1,958.88 |
| Porter Ave       | Progress Ave                 | Harford Ave                   | 285.12  | 0.054 | Concrete | 7 | 5 | 7.00 | 5 | 1,995.84 |
| Porter Ave       | Michigan Ave                 | Rose Ave                      | 311.52  | 0.054 | Concrete | 7 | 5 | 7.00 | 5 | 1,995.84 |
| Porter Ave       | Moran Ave                    | Moran Ave                     | 295.68  | 0.056 | Concrete | 7 | 5 | 7.00 | 5 | 2,180.64 |
| Raupp Pl         | Hamilton Ave                 | River Bank Ave                | 306.24  | 0.058 | Concrete | 7 | 5 | 7.00 | 5 | 2,143.68 |
| Reo Ave          | Dead End                     | Porter Ave                    | 237.6   | 0.045 | Concrete | 7 | 5 | 7.00 | 5 | 1,663.20 |
| Saint Johns Blvd | Garfield Ave                 | White St                      | 295.68  | 0.056 | Concrete | 7 | 5 | 7.00 | 5 | 2,069.76 |
| Stewart Ave      | Ford Line Rd                 | Helen Ave                     | 285.12  | 0.054 | Concrete | 7 | 5 | 7.00 | 5 | 1,995.84 |
| Victoria Ave     | Howard Ave                   | Lafayette St                  | 649.44  | 0.123 | Concrete | 7 | 5 | 7.00 | 5 | 4,546.08 |
| Wilson Ave       | Marshall Ave                 | Dead End                      | 147.84  | 0.078 | Concrete | 7 | 5 | 7.00 | 5 | 1,034.88 |
| Wilson Ave       | Champaign Rd                 | Farnham Ave                   | 258.72  | 0.049 | Concrete | 7 | 5 | 7.00 | 5 | 1,811.04 |
| Wilson Ave       | Mill St                      | Cleveland Ave                 | 269.28  | 0.051 | Concrete | 7 | 5 | 7.00 | 5 | 1,884.96 |
| Wilson Ave       | Garfield Ave                 | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 7 | 5 | 7.00 | 5 | 2,106.72 |
| Wilson Ave       | Harrison Blvd                | White Ave                     | 269.28  | 0.051 | Concrete | 7 | 5 | 7.00 | 5 | 1,884.96 |
| Wilson Ave       | Cloverlawn Ave               | Cloverlawn Ave                | 353.76  | 0.067 | Concrete | 7 | 5 | 7.00 | 5 | 2,476.32 |
| Wilson Ave       | Cloverlawn Ave               | Saint Johns Blvd              | 374.88  | 0.071 | Concrete | 7 | 5 | 7.00 | 5 | 2,524.16 |



|                |                               |                               |         |       |          |   |    |       |    |           |
|----------------|-------------------------------|-------------------------------|---------|-------|----------|---|----|-------|----|-----------|
| Wilson Ave     | Saint Johns Blvd              | Fort Blvd                     | 359.04  | 0.068 | Concrete | 7 | \$ | 7.00  | \$ | 2,513.28  |
| Wilson Ave     | LeBlanc Ave                   | LeBlanc Ave                   | 327.36  | 0.062 | Concrete | 7 | \$ | 7.00  | \$ | 2,291.52  |
| Wilson Ave     | LeBlanc Ave                   | Michigan Ave                  | 306.24  | 0.058 | Concrete | 7 | \$ | 7.00  | \$ | 2,143.68  |
| Champaign Rd   | Fort Park Blvd                | Lafayette St & Lafayette Blvd | 945.12  | 0.179 | Asphalt  | 6 | \$ | 12.00 | \$ | 11,341.44 |
| Champaign Rd   | Lafayette St & Lafayette Blvd | Howard St                     | 828.96  | 0.157 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,947.52  |
| Chandler Ave   | Austin Ave                    | O'Connor Ave                  | 601.92  | 0.116 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,223.04  |
| Chandler Ave   | Russell Ave                   | Cicotte Ave                   | 649.44  | 0.123 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,293.28  |
| Cicotte Ave    | Washington Ave                | Ethel Ave                     | 295.68  | 0.056 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,548.16  |
| Cicotte Ave    | Ferris Ave                    | Wilson Ave                    | 290.4   | 0.055 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,484.80  |
| Cicotte Ave    | Electric Ave                  | Austin Ave                    | 269.28  | 0.051 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,231.36  |
| Cicotte Ave    | Electric Ave                  | Fort St                       | 84.48   | 0.016 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,013.76  |
| Cleveland Ave  | Ferris Ave                    | Chandler Ave                  | 528     | 0.1   | Asphalt  | 6 | \$ | 12.00 | \$ | 6,336.00  |
| Electric Ave   | Mayflower Ave                 | Detroit Ave                   | 691.68  | 0.131 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,300.16  |
| Electric Ave   | Porter Ave                    | Dix Ave                       | 327.36  | 0.062 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,928.32  |
| Euclid Ave     | Southfield Rd                 | Dix Ave                       | 1008.48 | 0.191 | Asphalt  | 6 | \$ | 12.00 | \$ | 12,101.76 |
| Ferris Ave     | Marion Ave                    | Marion Ave                    | 327.36  | 0.062 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,928.32  |
| Ferris Ave     | O'Connor Ave                  | O'Connor Ave                  | 411.84  | 0.078 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,942.08  |
| Fort Park Blvd | Capitol Ave                   | Russell Ave                   | 712.8   | 0.135 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,553.60  |
| Fort Park Blvd | Detroit Ave                   | Mayflower Ave                 | 285.12  | 0.054 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,421.44  |
| Fort Park Blvd | McLain Ave                    | Progress Ave                  | 290.4   | 0.055 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,484.80  |
| Fort Park Blvd | Mill St                       | Mill St                       | 142.56  | 0.027 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,710.72  |
| Garfield Ave   | Dix Ave                       | Garfield Ave - surface Change | 132     | 0.025 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,584.00  |
| Garfield Ave   | Riopelle Ave                  | City/Twp Line                 | 776.16  | 0.147 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,313.92  |
| Garfield Ave   | Chandler Ave                  | Fort St                       | 169.68  | 0.031 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,964.16  |
| Grant Ave      | O'Connor Ave                  | Russell Ave                   | 844.8   | 0.16  | Asphalt  | 6 | \$ | 12.00 | \$ | 10,137.60 |
| Green Ave      | Green Ave - Surface Change    | Detroit Ave                   | 718.08  | 0.136 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,616.96  |
| Gregory Ave    | Helen Ave                     | Hazel Ave                     | 406.56  | 0.077 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,878.72  |
| Highland Ave   | Highland Ave - Surface Change | Gohl Rd                       | 654.72  | 0.124 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,856.64  |
| Howard St      | Warwick Ave                   | O'Connor Ave                  | 31.68   | 0.006 | Asphalt  | 6 | \$ | 12.00 | \$ | 380.16    |
| Lafayette Blvd | Mill St                       | Cleveland Ave                 | 279.84  | 0.053 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,358.08  |
| Lafayette Blvd | Cleveland Ave                 | Lincoln Ave                   | 253.44  | 0.048 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,041.28  |
| Lafayette Blvd | Lincoln Ave                   | Garfield Ave                  | 258.72  | 0.049 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,104.64  |
| Lafayette Blvd | Lincoln Ave                   | Philomene Blvd                | 279.84  | 0.053 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,358.08  |
| Lafayette Blvd | Philomene Blvd                | Cleophus Pkwy                 | 359.04  | 0.068 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,308.08  |
| Lafayette Blvd | Cleophus Pkwy                 | S M 39                        | 385.44  | 0.073 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,625.28  |
| Mayflower Ave  | Ferris Ave                    | Wilson Ave                    | 184.8   | 0.035 | Asphalt  | 6 | \$ | 12.00 | \$ | 2,212.60  |
| Mayflower Ave  | Electric Ave                  | Electric Ave                  | 612.76  | 0.117 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,413.12  |
| McLain Ave     | Lafayette Blvd                | Howard St                     | 132     | 0.025 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,584.00  |
| Michigan Ave   | Lafayette St                  | Fort St                       | 802.56  | 0.152 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,630.72  |
| Mill St        | Fort Park Blvd                | Lafayette Blvd                | 850.08  | 0.161 | Asphalt  | 6 | \$ | 12.00 | \$ | 10,200.96 |
| Mill St        | Lafayette Blvd                | Howard St                     | 966.24  | 0.183 | Asphalt  | 6 | \$ | 12.00 | \$ | 11,594.88 |
| Mill St        | Howard St                     | Mill St - Surface Change      | 797.28  | 0.151 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,567.36  |
| Mill St        | Pinckney Ave                  | Washington Ave                | 528     | 0.1   | Asphalt  | 6 | \$ | 12.00 | \$ | 6,336.00  |
| Mill St        | Ferris Ave                    | Chandler Ave                  | 633.6   | 0.12  | Asphalt  | 6 | \$ | 12.00 | \$ | 7,603.20  |
| Page Ave       | Porter Ave                    | Abbott Ave                    | 691.68  | 0.131 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,300.16  |
| Page Ave       | Howard Ave                    | Howard Ave                    | 654.72  | 0.124 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,856.64  |
| Page Ave       | Howard Ave                    | Lafayette St                  | 781.44  | 0.148 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,377.28  |
| Pinckney Ave   | Fort Park Blvd                | Fort St                       | 654.72  | 0.124 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,856.64  |
| Progress Ave   | Southfield Rd                 | O'Connor Ave                  | 522.72  | 0.099 | Asphalt  | 6 | \$ | 12.00 | \$ | 6,272.64  |
| Progress Ave   | Fort Park Blvd                | Fort St                       | 385.44  | 0.073 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,625.28  |
| Progress Ave   | Fort St                       | Chandler Ave                  | 432.96  | 0.082 | Asphalt  | 6 | \$ | 12.00 | \$ | 5,195.52  |
| Russell Ave    | Porter Ave                    | Dix Ave                       | 681.12  | 0.129 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,173.44  |
| Russell Ave    | Porter Ave                    | Dix Ave                       | 1008.48 | 0.191 | Asphalt  | 6 | \$ | 12.00 | \$ | 12,101.76 |

|                  |                  |                  |         |       |          |   |          |              |
|------------------|------------------|------------------|---------|-------|----------|---|----------|--------------|
| Saint Johns Blvd | Fort St          | Ferris Ave       | 1124.64 | 0.213 | Asphalt  | 6 | \$ 12.00 | \$ 13,495.68 |
| White Ave        | Applewood Ave    | Wilson Ave       | 776.16  | 0.147 | Asphalt  | 6 | \$ 12.00 | \$ 9,313.92  |
| White Ave        | Wilson Ave       | Pingree Ave      | 628.32  | 0.119 | Asphalt  | 6 | \$ 12.00 | \$ 7,539.84  |
| Winchester Ave   | Fort St          | Ferris Ave       | 617.76  | 0.117 | Asphalt  | 6 | \$ 12.00 | \$ 7,413.12  |
| Winchester Ave   | Ferris Ave       | Wilson Ave       | 797.28  | 0.151 | Asphalt  | 6 | \$ 12.00 | \$ 9,567.36  |
| Winchester Ave   | Wilson Ave       | Gohl Rd          | 770.88  | 0.146 | Asphalt  | 6 | \$ 12.00 | \$ 9,250.56  |
| Winchester Ave   | Gohl Rd          | Electric Ave     | 776.16  | 0.147 | Asphalt  | 6 | \$ 12.00 | \$ 9,313.92  |
| Abbot Ave        | Cleveland Ave    | Garfield Ave     | 739.2   | 0.14  | Asphalt  | 6 | \$ 12.00 | \$ 8,870.40  |
| Abbot Ave        | Stewart Ave      | Merrill Ave      | 385.44  | 0.073 | Concrete | 6 | \$ 8.00  | \$ 3,083.52  |
| Abbot Ave        | Merrill Ave      | Richmond Ave     | 274.56  | 0.052 | Concrete | 6 | \$ 8.00  | \$ 2,196.48  |
| Abbot Ave        | Richmond Ave     | London Ave       | 274.56  | 0.052 | Concrete | 6 | \$ 8.00  | \$ 2,196.48  |
| Abbot Ave        | Capitol Ave      | South Dr         | 279.84  | 0.053 | Concrete | 6 | \$ 8.00  | \$ 2,238.72  |
| Abbot Ave        | South Dr         | Detroit Ave      | 132     | 0.025 | Concrete | 6 | \$ 8.00  | \$ 1,056.00  |
| Abbot Ave        | Brest Ave        | Old Goddard Rd   | 443.52  | 0.084 | Concrete | 6 | \$ 8.00  | \$ 3,548.16  |
| Abbot Ave        | Fort Blvd        | LeBlanc Ave      | 1219.68 | 0.231 | Concrete | 6 | \$ 8.00  | \$ 9,757.44  |
| Abbot Ave        | Kings Hwy        | Emmons Ave       | 353.16  | 0.067 | Concrete | 6 | \$ 8.00  | \$ 2,830.08  |
| Abbot Ave        | Myron Ave        | Winchester Ave   | 380.16  | 0.072 | Concrete | 6 | \$ 8.00  | \$ 3,041.28  |
| Agnes Ave        | Fort Blvd        | Saint Johns Blvd | 248.16  | 0.047 | Concrete | 6 | \$ 8.00  | \$ 1,985.28  |
| Agnes Ave        | Saint Johns Blvd | Dead End         | 385.44  | 0.073 | Concrete | 6 | \$ 8.00  | \$ 3,083.52  |
| Agnes Ave        | Brest Ave        | Old Goddard Rd   | 132     | 0.025 | Concrete | 6 | \$ 8.00  | \$ 1,056.00  |
| Anne Ave         | Fort Park Blvd   | Lafayette Blvd   | 839.52  | 0.159 | Concrete | 6 | \$ 8.00  | \$ 6,716.16  |
| Anne Ave         | Lafayette Blvd   | Howard St        | 897.6   | 0.17  | Concrete | 6 | \$ 8.00  | \$ 7,180.80  |
| Applewood Ave    | Southfield Rd    | OConnor Ave      | 675.84  | 0.128 | Concrete | 6 | \$ 8.00  | \$ 5,406.72  |
| Applewood Ave    | Russell Ave      | Russell Ave      | 332.64  | 0.063 | Concrete | 6 | \$ 8.00  | \$ 2,661.12  |
| Applewood Ave    | Cicotte Ave      | Monte Rd         | 723.36  | 0.137 | Concrete | 6 | \$ 8.00  | \$ 5,786.88  |
| Applewood Ave    | Cicotte Ave      | Maytower Ave     | 660     | 0.125 | Concrete | 6 | \$ 8.00  | \$ 5,280.00  |
| Applewood Ave    | Capitol Ave      | Stewart Ave      | 628.32  | 0.119 | Concrete | 6 | \$ 8.00  | \$ 5,076.56  |
| Applewood Ave    | Pagel Ave        | Helen Ave        | 264     | 0.05  | Concrete | 6 | \$ 8.00  | \$ 2,112.00  |
| Brest Ave        | Fort Line Rd     | Helen Ave        | 274.56  | 0.052 | Concrete | 6 | \$ 8.00  | \$ 2,196.48  |
| Brest Ave        | Helen Ave        | Agnes Ave        | 295.68  | 0.056 | Concrete | 6 | \$ 8.00  | \$ 2,365.44  |
| Brest Ave        | Hazel Ave        | Brouseville Ave  | 269.28  | 0.051 | Concrete | 6 | \$ 8.00  | \$ 2,154.24  |
| Brest Ave        | High St          | Howard Ave       | 52.8    | 0.01  | Concrete | 6 | \$ 8.00  | \$ 422.40    |
| Brest Ave        | Hubbard Ave      | Drouillard Ave   | 316.8   | 0.06  | Concrete | 6 | \$ 8.00  | \$ 2,534.40  |
| Brest Ave        | Drouillard Ave   | Fort St          | 264     | 0.05  | Concrete | 6 | \$ 8.00  | \$ 2,112.00  |
| Calvin Ave       | Wayne St         | Bailey Ave       | 168.96  | 0.032 | Concrete | 6 | \$ 8.00  | \$ 1,451.68  |
| Capitol Ave      | Pingree Ave      | Electric Ave     | 633.6   | 0.12  | Concrete | 6 | \$ 8.00  | \$ 5,068.80  |
| Champaign Rd     | Ferris Ave       | Wilson Ave       | 311.52  | 0.059 | Concrete | 6 | \$ 8.00  | \$ 2,492.16  |
| Champaign Rd     | Applewood Ave    | Elliott Ave      | 617.76  | 0.117 | Concrete | 6 | \$ 8.00  | \$ 4,942.08  |
| Chandler Ave     | Outer Dr         | Attribute Change | 617.76  | 0.117 | Concrete | 6 | \$ 8.00  | \$ 4,942.08  |
| Chandler Ave     | Attribute Change | Dead End         | 200.64  | 0.038 | Concrete | 6 | \$ 8.00  | \$ 1,605.12  |
| Charter Ave      | Dead End         | Porter Ave       | 448.8   | 0.085 | Concrete | 6 | \$ 8.00  | \$ 3,590.40  |
| Charter Ave      | Porter Ave       | Dix Ave          | 237.6   | 0.045 | Concrete | 6 | \$ 8.00  | \$ 1,900.80  |
| Charter Ave      | Dix Ave          | Frank Ave        | 1065.44 | 0.198 | Concrete | 6 | \$ 8.00  | \$ 8,364.52  |
| Cicotte Ave      | Dix Ave          | Frank Ave        | 892.32  | 0.169 | Concrete | 6 | \$ 8.00  | \$ 7,138.56  |
| Cicotte Ave      | Frank Ave        | City/Twp Line    | 892.32  | 0.169 | Concrete | 6 | \$ 8.00  | \$ 7,138.56  |
| Cicotte Ave      | Wilson Ave       | Marion Ave       | 121.44  | 0.023 | Concrete | 6 | \$ 8.00  | \$ 971.52    |
| Cleophus Pkwy    | Porter St        | Dead End         | 290.4   | 0.055 | Concrete | 6 | \$ 8.00  | \$ 2,872.32  |
| Cleophus Pkwy    | Dead End         | Riopelle Ave     | 359.04  | 0.068 | Concrete | 6 | \$ 8.00  | \$ 3,421.44  |
| Cleophus Pkwy    | Riopelle Ave     | City/Twp Line    | 427.68  | 0.081 | Concrete | 6 | \$ 8.00  | \$ 1,393.92  |
| Cleophus Pkwy    | Dead End         | Elliott Ave      | 174.24  | 0.033 | Concrete | 6 | \$ 8.00  | \$ 1,098.24  |
| Cleophus Pkwy    | Dead End         |                  | 137.28  | 0.076 | Concrete | 6 | \$ 8.00  | \$ 1,520.64  |



|               |                              |                         |         |       |          |   |    |      |    |           |
|---------------|------------------------------|-------------------------|---------|-------|----------|---|----|------|----|-----------|
| Cleveland Ave | Porter St                    | Dix Ave                 | 913.44  | 0.173 | Concrete | 6 | \$ | 8.00 | \$ | 7,307.52  |
| Cleveland Ave | Riopelle Ave                 | City/Twp Line           | 168.96  | 0.032 | Concrete | 6 | \$ | 8.00 | \$ | 1,351.68  |
| Cleveland Ave | Howard St                    | Mill St & Lincoln Ave   | 448.8   | 0.085 | Concrete | 6 | \$ | 8.00 | \$ | 3,590.40  |
| Cleveland Ave | Flower Dr                    | Elliott Ave             | 580.8   | 0.11  | Concrete | 6 | \$ | 8.00 | \$ | 4,646.40  |
| Cleveland Ave | Elliott Ave                  | Applewood Ave           | 623.04  | 0.118 | Concrete | 6 | \$ | 8.00 | \$ | 4,984.32  |
| Cleveland Ave | Applewood Ave                | Pingree Ave             | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Cleveland Ave | Pingree Ave                  | Washington Ave          | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Cleveland Ave | Ferris Ave                   | Wilson Ave              | 850.08  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64  |
| Cleveland Ave | Wilson Ave                   | Goff Rd                 | 665.28  | 0.126 | Concrete | 6 | \$ | 8.00 | \$ | 5,322.24  |
| Cleveland Ave | Dix Ave                      | Frank Ave               | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56  |
| Cleveland Ave | Saint Johns Blvd             | Dead End                | 163.68  | 0.031 | Concrete | 6 | \$ | 8.00 | \$ | 1,309.44  |
| Cleveland Ave | Brest Ave                    | Old Goddard Rd          | 992.64  | 0.188 | Concrete | 6 | \$ | 8.00 | \$ | 7,941.12  |
| Cleveland Ave | Porter Ave                   | Dix Ave                 | 1013.76 | 0.192 | Concrete | 6 | \$ | 8.00 | \$ | 8,110.00  |
| Cleveland Ave | Green Ave                    | Mayflower Ave           | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72  |
| Cleveland Ave | Wayne St                     | Bailey Ave              | 638.88  | 0.121 | Concrete | 6 | \$ | 8.00 | \$ | 5,111.04  |
| Cleveland Ave | Bailey Ave                   | Dead End                | 871.2   | 0.165 | Concrete | 6 | \$ | 8.00 | \$ | 6,469.60  |
| Cleveland Ave | Rose Ave                     | Porter Ave              | 522.72  | 0.099 | Concrete | 6 | \$ | 8.00 | \$ | 4,181.76  |
| Cleveland Ave | Elliott Ave                  | River Dr                | 596.64  | 0.113 | Concrete | 6 | \$ | 8.00 | \$ | 4,773.12  |
| Cleveland Ave | Hamilton Ave                 | Olive Ave               | 52.8    | 0.01  | Concrete | 6 | \$ | 8.00 | \$ | 472.40    |
| Cleveland Ave | Brest Ave                    | Old Goddard Rd          | 1272.48 | 0.241 | Concrete | 6 | \$ | 8.00 | \$ | 10,179.84 |
| Cleveland Ave | Cicotte Ave                  | Montie Rd               | 1135.2  | 0.215 | Concrete | 6 | \$ | 8.00 | \$ | 9,081.60  |
| Cleveland Ave | Capitol Ave                  | Mayflower Ave           | 348.48  | 0.066 | Concrete | 6 | \$ | 8.00 | \$ | 2,287.84  |
| Cleveland Ave | Detroit Ave                  | Progress Ave            | 232.32  | 0.044 | Concrete | 6 | \$ | 8.00 | \$ | 1,858.56  |
| Cleveland Ave | White Ave                    | Park Ave                | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92  |
| Cleveland Ave | White Ave                    | Park Ave                | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Cleveland Ave | Pagel Ave                    | Merrill Ave             | 623.04  | 0.118 | Concrete | 6 | \$ | 8.00 | \$ | 4,984.32  |
| Cleveland Ave | Highland Ave                 | Kings Hwy               | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96  |
| Cleveland Ave | Kings Hwy                    | Emmons Blvd             | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Cleveland Ave | Liberty Ave & Buckingham Ave | Pagel Ave               | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Cleveland Ave | Winchester Ave               | New York Ave            | 769.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Cleveland Ave | Liberty Ave                  | Pagel Ave               | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00  |
| Cleveland Ave | Capitol Ave                  | Mayflower Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Cleveland Ave | Farnham Ave                  | Mill St                 | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Cleveland Ave | Mill St                      | Cleveland Ave           | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68  |
| Cleveland Ave | Garfield Ave                 | Lincoln Blvd            | 454.08  | 0.086 | Concrete | 6 | \$ | 8.00 | \$ | 3,632.64  |
| Cleveland Ave | N Shore Dr & Shore Dr        | White Ave               | 438.24  | 0.083 | Concrete | 6 | \$ | 8.00 | \$ | 3,505.92  |
| Cleveland Ave | Southfield Rd                | Riverside Dr & North Dr | 660     | 0.125 | Concrete | 6 | \$ | 8.00 | \$ | 5,280.00  |
| Cleveland Ave | Empire Ave                   | O'Connor Ave            | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Cleveland Ave | Cicotte Ave                  | Montie Rd               | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72  |
| Cleveland Ave | Mayflower Ave                | Mayflower Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Cleveland Ave | Detroit Ave                  | Progress Ave            | 242.88  | 0.046 | Concrete | 6 | \$ | 8.00 | \$ | 1,943.04  |
| Cleveland Ave | Progress Ave                 | Champaign Rd            | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |
| Cleveland Ave | Champaign Rd                 | Farnham Ave             | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00  |
| Cleveland Ave | Farnham Ave                  | Mill St                 | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00  |
| Cleveland Ave | Merrill Ave                  | London Ave              | 374.88  | 0.071 | Concrete | 6 | \$ | 8.00 | \$ | 2,999.04  |
| Cleveland Ave | London Ave                   | Capitol Ave             | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |
| Cleveland Ave | Cloverlawn Ave               | Saint Johns Blvd        | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,914.56  |
| Cleveland Ave | Ford Blvd                    | LeBlanc Ave             | 327.36  | 0.062 | Concrete | 6 | \$ | 8.00 | \$ | 2,618.88  |
| Cleveland Ave | LeBlanc Ave                  | Michigan Ave            | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Cleveland Ave | Michigan Ave                 | Moran Ave               | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,492.16  |
| Cleveland Ave | Moran Ave                    | River Bank Ave          | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92  |

|              |                                   |                                   |         |       |          |   |    |      |    |          |
|--------------|-----------------------------------|-----------------------------------|---------|-------|----------|---|----|------|----|----------|
| Ferris Ave   | River Bank Ave                    | Highland Ave                      | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,323.20 |
| Ferris Ave   | Highland Ave                      | Kings Hwy                         | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Ferris Ave   | Winchester Ave                    | New York Ave                      | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Ferris Ave   | New York Ave                      | Liberty Ave                       | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40 |
| Ferris Ave   | Liberty Ave                       | Buckingham Ave                    | 327.36  | 0.062 | Concrete | 6 | \$ | 8.00 | \$ | 2,618.88 |
| Ferris Ave   | Pagel Ave                         | Stewart Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Ford Blvd    | Irene Ave                         | Hazel Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Ford Blvd    | Hazel Ave                         | Agnes Ave                         | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Ford Line Rd | Brest Ave                         | Old Goddard Rd                    | 913.44  | 0.173 | Concrete | 6 | \$ | 8.00 | \$ | 7,307.52 |
| Ford Line Rd | Ford Blvd & Ford Ave              | LeBlanc Ave                       | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96 |
| Frank Ave    | Lucild Ave                        | Dead End                          | 147.84  | 0.078 | Concrete | 6 | \$ | 8.00 | \$ | 1,182.72 |
| Frank Ave    | Morris Ave                        | College Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Frank Ave    | University Ave                    | Paris Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Frank Ave    | Hanford Ave                       | Cicotte Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Garfield Ave | Elliott Ave                       | Keppen Blvd                       | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96 |
| Garfield Ave | Applewood Ave                     | Applewood Ave                     | 623.04  | 0.118 | Concrete | 6 | \$ | 8.00 | \$ | 4,984.32 |
| Garfield Ave | Pingree Ave                       | Pingree Ave                       | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56 |
| Garfield Ave | Washington Ave                    | Washington Ave                    | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56 |
| Gohl Rd      | Harrison Blvd                     | Wilson Ave                        | 612.48  | 0.116 | Concrete | 6 | \$ | 8.00 | \$ | 4,899.84 |
| Gohl Rd      | Cloverlawn Ave                    | Cloverlawn Ave                    | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,787.84 |
| Gohl Rd      | Saint Johns Ct & Saint Johns Blvd | Saint Johns Ct & Saint Johns Blvd | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,787.84 |
| Gohl Rd      | Highland Ave                      | Kings Hwy                         | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Gohl Rd      | Emmons Blvd                       | Winchester Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Gohl Rd      | Winchester Ave                    | New York Ave                      | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Gohl Rd      | New York Ave                      | Liberty Ave                       | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40 |
| Gorman Ave   | Montie Rd                         | Buckingham Ave                    | 89.76   | 0.017 | Concrete | 6 | \$ | 8.00 | \$ | 718.08   |
| Grant Ave    | Cicotte Ave                       | Council Ave                       | 205.92  | 0.039 | Concrete | 6 | \$ | 8.00 | \$ | 1,647.36 |
| Gregory Ave  | Porter Ave                        | Montie Rd                         | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56 |
| Gregory Ave  | Abbot Ave                         | Howard Ave                        | 786.72  | 0.124 | Concrete | 6 | \$ | 8.00 | \$ | 5,237.76 |
| Gregory Ave  | Fort Park Blvd                    | Fort St                           | 464.64  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76 |
| Hanford Ave  | Dead End                          | Porter Ave                        | 227.04  | 0.043 | Concrete | 6 | \$ | 8.00 | \$ | 1,816.32 |
| Hanford Ave  | Porter Ave                        | Dix Ave                           | 1008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84 |
| Hanover Ave  | Porter Ave                        | Dead End                          | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| Hanover Ave  | Lafayette Blvd                    | Howard St                         | 675.84  | 0.128 | Concrete | 6 | \$ | 8.00 | \$ | 5,406.72 |
| Hazel Ave    | Malvina Ave                       | Meyer Ct                          | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Hazel Ave    | Buckingham Ave                    | Pagel Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Hazel Ave    | Liberty Ave                       | Gregory Ave                       | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Hazel Ave    | Gregory Ave                       | Buckingham Ave                    | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Hazel Ave    | Pagel Ave                         | Malvina Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Helen Ave    | New York Ave                      | Liberty Ave                       | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Helen Ave    | Gregory Ave                       | Buckingham Ave                    | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Helen Ave    | Saint Johns Blvd                  | Ford Blvd                         | 374.88  | 0.071 | Concrete | 6 | \$ | 8.00 | \$ | 2,999.04 |
| Highland Ave | Highland Ave - Surface Change     | Electric Ave                      | 924     | 0.175 | Concrete | 6 | \$ | 8.00 | \$ | 7,392.00 |
| Howard Ave   | Ford Blvd                         | LeBlanc Ave                       | 353.76  | 0.067 | Concrete | 6 | \$ | 8.00 | \$ | 2,820.96 |
| Howard Ave   | LeBlanc Ave                       | Michigan Ave                      | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Howard Ave   | Michigan Ave                      | Moran Ave                         | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,492.16 |
| Howard Ave   | Moran Ave                         | River Bank Ave                    | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Howard Ave   | Gregory Ave                       | Buckingham Ave                    | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Hubbard Ave  | Brest Ave                         | Old Goddard Rd                    | 992.64  | 0.188 | Concrete | 6 | \$ | 8.00 | \$ | 7,941.12 |
| Irene Ave    | Saint Johns Blvd                  | Ford Blvd                         | 374.88  | 0.071 | Concrete | 6 | \$ | 8.00 | \$ | 2,999.04 |
| Irene Ave    | Brest Ave                         | Old Goddard Rd                    | 850.08  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64 |

|                   |                               |                               |                  |         |       |          |   |    |      |    |           |
|-------------------|-------------------------------|-------------------------------|------------------|---------|-------|----------|---|----|------|----|-----------|
| John A Papalas Dr | N M 39                        | Consolidated Rail Corporation | Cicotte Ave      | 850.08  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64  |
| John A Papalas Dr | Consolidated Rail Corporation | Cicotte Ave                   | Outer Dr         | 2381.28 | 0.451 | Concrete | 6 | \$ | 8.00 | \$ | 19,050.24 |
| Josephine Ave     | Reo Ave                       | Montie Rd                     | Montie Rd        | 2698.08 | 0.511 | Concrete | 6 | \$ | 8.00 | \$ | 21,584.64 |
| Keppen Blvd       | Porter Ave                    | Dix Ave                       | Dix Ave          | 406.56  | 0.077 | Concrete | 6 | \$ | 8.00 | \$ | 3,252.48  |
| Keppen Blvd       | Fort Park Blvd                | Lafayette Blvd                | Lafayette Blvd   | 1008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84  |
| Kings Hwy         | Kings Hwy - Surface Change    | Electric Ave                  | Electric Ave     | 902.88  | 0.171 | Concrete | 6 | \$ | 8.00 | \$ | 7,223.04  |
| Laclede Blvd      | Stewart Ave                   | Capitol Ave                   | Capitol Ave      | 860.64  | 0.163 | Concrete | 6 | \$ | 8.00 | \$ | 6,885.12  |
| Lafayette Blvd    | University Ave                | Paris Ave                     | Paris Ave        | 359.04  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,872.32  |
| Lafayette Blvd    | Paris Ave                     | College Ave                   | College Ave      | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |
| Lafayette Blvd    | Rose Ave                      | Mark Ave                      | Mark Ave         | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,323.20  |
| Lafayette St      | Bres Ave                      | Old Goddard rd                | Old Goddard rd   | 1203.84 | 0.228 | Concrete | 6 | \$ | 8.00 | \$ | 9,630.72  |
| Lafayette St      | Old Goddard Rd                | Dead End                      | Dead End         | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96  |
| Leflanc Ave       | Hazel Ave                     | Dix Ave                       | Dix Ave          | 844.8   | 0.16  | Concrete | 6 | \$ | 8.00 | \$ | 6,758.40  |
| Leflanc Ave       | Abbot Ave                     | Howard Ave                    | Howard Ave       | 786.72  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| Leflanc Ave       | Ferris Ave                    | Wilson Ave                    | Wilson Ave       | 770.88  | 0.145 | Concrete | 6 | \$ | 8.00 | \$ | 6,167.04  |
| Leflanc Ave       | Wilson Ave                    | Gohl Rd                       | Gohl Rd          | 776.16  | 0.147 | Concrete | 6 | \$ | 8.00 | \$ | 6,209.28  |
| Leflanc Ave       | OC Connor Ave                 | Russell Ave                   | Russell Ave      | 718.08  | 0.136 | Concrete | 6 | \$ | 8.00 | \$ | 5,244.64  |
| Liberty Ave       | Abbot Ave                     | Howard Ave                    | Howard Ave       | 786.72  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| Liberty Ave       | Ferris Ave                    | Wilson Ave                    | Wilson Ave       | 765.6   | 0.145 | Concrete | 6 | \$ | 8.00 | \$ | 6,124.80  |
| Liberty Ave       | Wilson Ave                    | Gohl Rd                       | Gohl Rd          | 781.44  | 0.148 | Concrete | 6 | \$ | 8.00 | \$ | 6,251.52  |
| London Ave        | Abbot Ave                     | Howard Ave                    | Howard Ave       | 786.72  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| London Ave        | Howard Ave                    | Chandler Ave                  | Chandler Ave     | 654.72  | 0.124 | Concrete | 6 | \$ | 8.00 | \$ | 5,327.36  |
| London Ave        | Fort St                       | Lafayette St                  | Lafayette St     | 242.88  | 0.046 | Concrete | 6 | \$ | 8.00 | \$ | 1,943.04  |
| London Ave        | Chandler Ave                  | Ferris Ave                    | Ferris Ave       | 691.68  | 0.131 | Concrete | 6 | \$ | 8.00 | \$ | 5,533.44  |
| London Ave        | Ferris Ave                    | Wilson Ave                    | Wilson Ave       | 617.76  | 0.117 | Concrete | 6 | \$ | 8.00 | \$ | 4,942.08  |
| Longlin Ave       | Ford Blvd                     | Saint Johns Blvd              | Saint Johns Blvd | 385.44  | 0.073 | Concrete | 6 | \$ | 8.00 | \$ | 3,083.52  |
| Longlin Ave       | Saint Johns Blvd              | Dead End                      | Dead End         | 216.48  | 0.041 | Concrete | 6 | \$ | 8.00 | \$ | 1,731.84  |
| Longlin Ave       | Brest Ave                     | Old Goddard Rd                | Old Goddard Rd   | 881.76  | 0.167 | Concrete | 6 | \$ | 8.00 | \$ | 7,054.08  |
| Mark Ave          | Bailey Ave                    | Champaign Rd                  | Champaign Rd     | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Mayflower Ave     | Chandler Ave                  | Ferris Ave                    | Ferris Ave       | 205.92  | 0.039 | Concrete | 6 | \$ | 8.00 | \$ | 1,647.36  |
| Mayflower Ave     | Wilson Ave                    | Electric Ave                  | Electric Ave     | 691.68  | 0.131 | Concrete | 6 | \$ | 8.00 | \$ | 5,533.44  |
| Merrill Ave       | Abbot Ave                     | Howard Ave                    | Howard Ave       | 543.84  | 0.103 | Concrete | 6 | \$ | 8.00 | \$ | 4,350.72  |
| Merrill Ave       | Howard Ave                    | Lafayette St                  | Lafayette St     | 786.72  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| Merrill Ave       | Fort St                       | Ferris Ave                    | Ferris Ave       | 649.44  | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52  |
| Merrill Ave       | Ferris Ave                    | Wilson Ave                    | Wilson Ave       | 792     | 0.124 | Concrete | 6 | \$ | 8.00 | \$ | 6,336.00  |
| Merrill Ave       | Wilson Ave                    | London Ave                    | London Ave       | 654.72  | 0.158 | Concrete | 6 | \$ | 8.00 | \$ | 5,237.76  |
| Michigan Ave      | Hazel Ave                     | Dix Ave                       | Dix Ave          | 834.24  | 0.158 | Concrete | 6 | \$ | 8.00 | \$ | 6,673.92  |
| Montie Rd         | Dead End                      | Porter Ave                    | Porter Ave       | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80  |
| Montie Rd         | Porter Ave                    | Dix Ave                       | Dix Ave          | 1019.04 | 0.193 | Concrete | 6 | \$ | 8.00 | \$ | 8,152.32  |
| Montie Rd         | Dix Ave                       | Frank Ave                     | Frank Ave        | 887.04  | 0.168 | Concrete | 6 | \$ | 8.00 | \$ | 7,096.32  |
| Montie Rd         | Applewood Ave                 | Pingree Ave                   | Pingree Ave      | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44  |
| Moore Rd          | Pingree Ave                   | Empire Ave                    | Empire Ave       | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68  |
| Moore Ave         | Vine Ave                      | City/Twp Line                 | City/Twp Line    | 422.4   | 0.08  | Concrete | 6 | \$ | 8.00 | \$ | 3,379.20  |
| Moore Ave         | City/Twp Line                 | London Ave                    | London Ave       | 522.72  | 0.099 | Concrete | 6 | \$ | 8.00 | \$ | 4,181.76  |
| Morris Ave        | Porter Ave                    | Dix Ave                       | Dix Ave          | 1008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84  |
| Morris Ave        | Dix Ave                       | Frank Ave                     | Frank Ave        | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56  |
| Myron Ave         | Howard Ave                    | Winchester Ave                | Winchester Ave   | 839.52  | 0.159 | Concrete | 6 | \$ | 8.00 | \$ | 6,716.16  |
| New York Ave      | Howard Ave                    | Lafayette St                  | Lafayette St     | 649.44  | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52  |
| New York Ave      | Richmond Ave                  | Helen Ave                     | Helen Ave        | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68  |
| Oceana Ave        | Riopelle Ave                  | City/Twp Line                 | City/Twp Line    | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |

|                               |                      |                      |         |       |          |   |    |      |    |          |
|-------------------------------|----------------------|----------------------|---------|-------|----------|---|----|------|----|----------|
| O'Connor Ave                  | Porter Ave           | Dead End             | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| O'Connor Ave - Surface Change |                      | Electric Ave         | 52.8    | 0.01  | Concrete | 6 | \$ | 8.00 | \$ | 422.40   |
| Old Goddard Rd                | Fort St              | 23rd St              | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,444.92 |
| Old Goddard Rd                | 22nd St              | 22nd St              | 401.28  | 0.076 | Concrete | 6 | \$ | 8.00 | \$ | 3,210.24 |
| Old Goddard Rd                | 21st St              | 21st St              | 427.68  | 0.081 | Concrete | 6 | \$ | 8.00 | \$ | 3,421.44 |
| Old Goddard Rd                | 21st St              | Ferris Ave & 20th St | 200.64  | 0.038 | Concrete | 6 | \$ | 8.00 | \$ | 1,601.12 |
| Old Goddard Rd                | Ferris Ave & 20th St | 19th St              | 322.08  | 0.061 | Concrete | 6 | \$ | 8.00 | \$ | 2,576.64 |
| Old Goddard Rd                | 19th St              | 18th St              | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Old Goddard Rd                | Wilson Ave & 17th St | 16th St              | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,914.56 |
| Old Goddard Rd                | Wilson Ave & 17th St | 15th St              | 353.76  | 0.067 | Concrete | 6 | \$ | 8.00 | \$ | 2,830.08 |
| Old Goddard Rd                | 16th St              | 15th St              | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Olive Ave                     | Dix Ave              | Frank Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56 |
| Olive Ave                     | Porter Ave           | Dixford Ave          | 406.56  | 0.077 | Concrete | 6 | \$ | 8.00 | \$ | 3,252.48 |
| Pagel Ave                     | Hazel Ave            | Dix Ave              | 828.96  | 0.157 | Concrete | 6 | \$ | 8.00 | \$ | 6,631.68 |
| Paris Ave                     | Dead End             | Porter Ave           | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| Paris Ave                     | Porter Ave           | Dix Ave              | 1013.76 | 0.192 | Concrete | 6 | \$ | 8.00 | \$ | 8,110.08 |
| Philomene Blvd                | Dix Ave              | Frank Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56 |
| Philomene Blvd                | Abbot Ave            | Porter St            | 739.2   | 0.14  | Concrete | 6 | \$ | 8.00 | \$ | 5,913.60 |
| Philomene Blvd                | Porter St            | Dix Ave              | 1029.6  | 0.195 | Concrete | 6 | \$ | 8.00 | \$ | 8,236.80 |
| Pinigree Ave                  | Capitol Ave          | Mayflower Ave        | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Porter Ave                    | Hanger Ave           | Hanger Ave           | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave                    | Hanger Ave           | Anne Ave             | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave                    | Anne Ave             | Arlington Ave        | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,236.72 |
| Porter Ave                    | Montie Rd            | Council Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave                    | Brest Ave            | Old Goddard Rd       | 1050.72 | 0.199 | Concrete | 6 | \$ | 8.00 | \$ | 8,405.76 |
| Porter Ave                    | Detroit Ave          | Progress Ave         | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,332.20 |
| Porter Ave                    | Leblanc Ave          | Stewart Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave                    | Gregory Ave          | Michigan Ave         | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Porter Ave                    | Buckingham Ave       | Buckingham Ave       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave                    | Philomene Blvd       | Cleophas Pkwy        | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Porter St                     | Markese Ave          | McLain Ave           | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Progress Ave                  | Wayne St             | Bailey Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Progress Ave                  | Porter Ave           | Abbot Ave            | 638.88  | 0.121 | Concrete | 6 | \$ | 8.00 | \$ | 5,111.04 |
| Progress Ave                  | Alper Ave            | Lafayette St         | 660     | 0.125 | Concrete | 6 | \$ | 8.00 | \$ | 5,280.00 |
| Progress Ave                  | Dix Ave              | McLain Ave           | 253.44  | 0.048 | Concrete | 6 | \$ | 8.00 | \$ | 2,077.52 |
| Regina Ave                    | Riopelle Ave         | City/Twp Line        | 570.24  | 0.108 | Concrete | 6 | \$ | 8.00 | \$ | 4,561.92 |
| Regina Ave                    | Dix Ave              | Frank Ave            | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Richmond Ave                  | Meyer Ct             | Hazel Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56 |
| Richmond Ave                  | Howard Ave           | Lafayette St         | 781.44  | 0.148 | Concrete | 6 | \$ | 8.00 | \$ | 6,251.52 |
| Riopelle Ave                  | Angeli Ave           | Oceana Ave           | 649.44  | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52 |
| Riopelle Ave                  | Regina Ave           | McLain Ave           | 184.8   | 0.035 | Concrete | 6 | \$ | 8.00 | \$ | 1,478.40 |
| Riopelle Ave                  | Dix Ave              | Porter Ave           | 179.52  | 0.034 | Concrete | 6 | \$ | 8.00 | \$ | 1,416.16 |
| River Bank Ave                | Abbot Ave            | Howard Ave           | 665.28  | 0.126 | Concrete | 6 | \$ | 8.00 | \$ | 5,372.24 |
| River Bank Ave                | Howard Ave           | Lafayette St         | 781.44  | 0.148 | Concrete | 6 | \$ | 8.00 | \$ | 6,251.52 |
| River Bank Ave                | Lafayette St         | Fort St              | 649.44  | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52 |
| River Bank Ave                | Lafayette St         | Fort St              | 918.72  | 0.174 | Concrete | 6 | \$ | 8.00 | \$ | 7,349.76 |
| River Ct                      | Emmons Blvd          | River Dr             | 934.56  | 0.177 | Concrete | 6 | \$ | 8.00 | \$ | 7,476.48 |
| Rose Ave                      | Bailey Ave           | Champaign Rd         | 823.68  | 0.156 | Concrete | 6 | \$ | 8.00 | \$ | 6,589.44 |
| Rose Ave                      | Lafayette St         | Fort Park Blvd       | 807.84  | 0.153 | Concrete | 6 | \$ | 8.00 | \$ | 6,462.72 |
| Russell Ave                   | Grant Ave            | City/Twp Line        | 171.44  | 0.023 | Concrete | 6 | \$ | 8.00 | \$ | 971.52   |
| Russell Ave                   | Grant Ave            | Empire Ave           | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,332.20 |
| Saint Johns Blvd              | Helen Ave            | Irene Ave            | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Saint Johns Blvd              | Irene Ave            | Hazel Ave            | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |

|                  |                |                |         |       |          |   |    |      |    |          |
|------------------|----------------|----------------|---------|-------|----------|---|----|------|----|----------|
| Saint Johns Blvd | Hazel Ave      | Agnes Ave      | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Saint Johns Blvd | Agnes Ave      | Longtin Ave    | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Saint Johns Blvd | Longtin Ave    | Dix Ave        | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,497.16 |
| Saint Johns Blvd | Dix Ave        | Coolidge Ave   | 343.2   | 0.065 | Concrete | 6 | \$ | 8.00 | \$ | 2,745.60 |
| Saint Johns Blvd | Coolidge Ave   | Dead End       | 543.84  | 0.103 | Concrete | 6 | \$ | 8.00 | \$ | 4,350.72 |
| Stewart Ave      | Applewood Ave  | LacLele Blvd   | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,497.16 |
| Stewart Ave      | LacLele Blvd   | Elliott Ave    | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,594.40 |
| Stewart Ave      | Elliott Ave    | River Dr       | 607.2   | 0.115 | Concrete | 6 | \$ | 8.00 | \$ | 4,857.60 |
| Stewart Ave      | Fort St        | Ferris Ave     | 723.36  | 0.137 | Concrete | 6 | \$ | 8.00 | \$ | 5,786.88 |
| Stewart Ave      | Ferris Ave     | Wilson Ave     | 696.96  | 0.132 | Concrete | 6 | \$ | 8.00 | \$ | 5,575.68 |
| Thomas Ave       | Champaign Rd   | Riopelle Ave   | 1061.28 | 0.201 | Concrete | 6 | \$ | 8.00 | \$ | 8,490.24 |
| University Ave   | Dead End       | Porter Ave     | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| University Ave   | Porter Ave     | Dix Ave        | 1008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84 |
| University Ave   | Frank Ave      | City/Twp Line  | 121.44  | 0.023 | Concrete | 6 | \$ | 8.00 | \$ | 971.52   |
| University Ave   | Lafayette Blvd | Howard St      | 675.84  | 0.128 | Concrete | 6 | \$ | 8.00 | \$ | 5,406.72 |
| Washington Ave   | Park Ave       | Cleophas Pkwy  | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Washington Ave   | Cleophas Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Wayne St         | Detroit Ave    | Progress Ave   | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Wilson Ave       | Cleophas Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Wilson Ave       | Lincoln Blvd   | Garfield Ave   | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Wilson Ave       | Moran Ave      | River Bank Ave | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,469.92 |
| Wilson Ave       | Kings Hwy      | Emmons Blvd    | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Winchester Ave   | Winchester Ave | New York Ave   | 295.68  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76 |
| Winchester Ave   | Albott Ave     | Howard Ave     | 786.72  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64 |
| Winchester Ave   | Howard Ave     | Cul-De-Sac     | 850.08  | 0.03  | Concrete | 6 | \$ | 8.00 | \$ | 1,267.20 |
| Winchester Ave   | Mayton Ave     |                | 158.4   | 0.03  | Concrete | 6 | \$ | 8.00 | \$ | 1,267.20 |

\$ 2,337,674.96

**CITY OF LINCOLN PARK**  
**WATER MAIN REPLACEMENT PRIORITY**  
**PRELIMINARY ENGINEER'S ESTIMATE**

September 12, 2014

|                                                               |                        |
|---------------------------------------------------------------|------------------------|
| <b>Mill Street - Fort Street to River Drive</b>               |                        |
| Fort Street to Chandler                                       | \$ 192,532.50          |
| Chandler to Ferris                                            | \$ 166,660.00          |
| Ferris to Wilson                                              | \$ 136,115.00          |
| Wilson to Washington                                          | \$ 155,620.00          |
| Washington to Pingree                                         | \$ 152,552.50          |
| Pingree to Applewood                                          | \$ 134,010.00          |
| Applewood to Elliott                                          | \$ 151,340.00          |
| Elliott to River Drive                                        | \$ 166,840.00          |
| <b>TOTAL</b>                                                  | <b>\$ 1,255,670.00</b> |
| <b>Michigan Avenue - Ford Line Road to Dix Highway</b>        |                        |
| Ford Line to Hazel                                            | \$ 174,900.00          |
| Hazel to Dix                                                  | \$ 160,992.50          |
| <b>TOTAL</b>                                                  | <b>\$ 335,892.50</b>   |
| <b>Cleophus Street - Howard Avenue to Fort Park Boulevard</b> |                        |
| Howard to Lafayette                                           | \$ 147,065.00          |
| Lafayette to Fort Park                                        | \$ 169,187.50          |
| <b>TOTAL</b>                                                  | <b>\$ 316,252.50</b>   |
| <b>Cleveland Street - Wilson Avenue to Applewood Avenue</b>   |                        |
| Wilson to Washington                                          | \$ 147,840.00          |
| Washington to Pingree                                         | \$ 146,870.00          |
| Pingree to Applewood                                          | \$ 152,590.00          |
| <b>TOTAL</b>                                                  | <b>\$ 447,300.00</b>   |

**CITY OF LINCOLN PARK**  
**MILL STREET WATER MAIN REPLACEMENT**  
**FORT STREET TO RIVER DRIVE**  
**PRELIMINARY ENGINEER'S ESTIMATE**  
 September 12, 2014

| Fort Street to Chandler                                  |          |      |             | Chandler to Ferts |                            |          |             | Ferts to Wilson |               |                                         |          | Wilson to Washington |              |               |                             |          |             |              |               |                                  |  |  |  |             |
|----------------------------------------------------------|----------|------|-------------|-------------------|----------------------------|----------|-------------|-----------------|---------------|-----------------------------------------|----------|----------------------|--------------|---------------|-----------------------------|----------|-------------|--------------|---------------|----------------------------------|--|--|--|-------------|
| Item                                                     | Quantity | Unit | Unit Price  | Total             | Item                       | Quantity | Unit        | Unit Price      | Total         | Item                                    | Quantity | Unit                 | Unit Price   | Total         | Item                        | Quantity | Unit        | Unit Price   | Total         |                                  |  |  |  |             |
| Audio Visual Record Prior to Construction                | 1        | LS   | \$ 500.00   | \$ 500.00         | 1                          | LS       | \$ 500.00   | \$ 500.00       | \$ 500.00     | 1                                       | LS       | \$ 500.00            | \$ 500.00    | \$ 500.00     | 1                           | LS       | \$ 500.00   | \$ 500.00    | \$ 500.00     |                                  |  |  |  |             |
| Traffic Maintenance and Control                          | 1        | LS   | \$ 2,500.00 | \$ 2,500.00       | 1                          | LS       | \$ 2,500.00 | \$ 2,500.00     | \$ 2,500.00   | 1                                       | LS       | \$ 2,500.00          | \$ 2,500.00  | \$ 2,500.00   | 1                           | LS       | \$ 2,500.00 | \$ 2,500.00  | \$ 2,500.00   |                                  |  |  |  |             |
| Remove Pavement                                          | 500      | SY   | \$ 8.00     | \$ 4,000.00       | 400                        | SY       | \$ 8.00     | \$ 3,200.00     | \$ 3,200.00   | 350                                     | SY       | \$ 8.00              | \$ 2,800.00  | \$ 2,800.00   | 350                         | SY       | \$ 8.00     | \$ 2,800.00  | \$ 2,800.00   |                                  |  |  |  |             |
| Remove Driveway Approach                                 | 75       | SF   | \$ 5.00     | \$ 375.00         | 70                         | SF       | \$ 5.00     | \$ 350.00       | \$ 350.00     | 50                                      | SF       | \$ 5.00              | \$ 250.00    | \$ 250.00     | 60                          | SF       | \$ 5.00     | \$ 300.00    | \$ 300.00     |                                  |  |  |  |             |
| Remove Sidewalk                                          | 4200     | SF   | \$ 1.00     | \$ 4,200.00       | 3875                       | SF       | \$ 1.00     | \$ 3,875.00     | \$ 3,875.00   | 3150                                    | SF       | \$ 1.00              | \$ 3,150.00  | \$ 3,150.00   | 3150                        | SF       | \$ 1.00     | \$ 3,150.00  | \$ 3,150.00   |                                  |  |  |  |             |
| Tree Removal, 6-18 inch                                  | 0        | EA   | \$ 750.00   | \$ -              | 0                          | EA       | \$ 750.00   | \$ -            | \$ -          | 0                                       | EA       | \$ 750.00            | \$ -         | \$ -          | 0                           | EA       | \$ 750.00   | \$ -         | \$ -          |                                  |  |  |  |             |
| Abandon Gate Valve in Well                               | 1        | EA   | \$ 350.00   | \$ 350.00         | 1                          | EA       | \$ 350.00   | \$ 350.00       | \$ 350.00     | 1                                       | EA       | \$ 350.00            | \$ 350.00    | \$ 350.00     | 1                           | EA       | \$ 350.00   | \$ 350.00    | \$ 350.00     |                                  |  |  |  |             |
| Remove Fire Hydrant                                      | 2        | EA   | \$ 500.00   | \$ 1,000.00       | 2                          | EA       | \$ 500.00   | \$ 1,000.00     | \$ 1,000.00   | 2                                       | EA       | \$ 500.00            | \$ 1,000.00  | \$ 1,000.00   | 2                           | EA       | \$ 500.00   | \$ 1,000.00  | \$ 1,000.00   |                                  |  |  |  |             |
| 8" PVC, C909, TC235 Water Main                           | 825      | LF   | \$ 70.00    | \$ 57,750.00      | 700                        | LF       | \$ 70.00    | \$ 49,000.00    | \$ 49,000.00  | 600                                     | LF       | \$ 70.00             | \$ 42,000.00 | \$ 42,000.00  | 600                         | LF       | \$ 70.00    | \$ 42,000.00 | \$ 42,000.00  |                                  |  |  |  |             |
| 8" Gate Valve in Well                                    | 2        | EA   | \$ 3,000.00 | \$ 6,000.00       | 1                          | EA       | \$ 3,000.00 | \$ 3,000.00     | \$ 3,000.00   | 1                                       | EA       | \$ 3,000.00          | \$ 3,000.00  | \$ 3,000.00   | 1                           | EA       | \$ 3,000.00 | \$ 3,000.00  | \$ 3,000.00   |                                  |  |  |  |             |
| Fire Hydrant Assembly                                    | 2        | EA   | \$ 3,500.00 | \$ 7,000.00       | 2                          | EA       | \$ 3,500.00 | \$ 7,000.00     | \$ 7,000.00   | 2                                       | EA       | \$ 3,500.00          | \$ 7,000.00  | \$ 7,000.00   | 2                           | EA       | \$ 3,500.00 | \$ 7,000.00  | \$ 7,000.00   |                                  |  |  |  |             |
| 1" Short Side Water Service                              | 16       | EA   | \$ 750.00   | \$ 12,000.00      | 15                         | EA       | \$ 750.00   | \$ 11,250.00    | \$ 11,250.00  | 11                                      | EA       | \$ 750.00            | \$ 8,250.00  | \$ 8,250.00   | 14                          | EA       | \$ 750.00   | \$ 10,500.00 | \$ 10,500.00  |                                  |  |  |  |             |
| 1" Long Side Water Service                               | 16       | EA   | \$ 1,250.00 | \$ 20,000.00      | 15                         | EA       | \$ 1,250.00 | \$ 18,750.00    | \$ 18,750.00  | 6                                       | EA       | \$ 1,250.00          | \$ 7,500.00  | \$ 7,500.00   | 2                           | EA       | \$ 1,250.00 | \$ 2,500.00  | \$ 2,500.00   |                                  |  |  |  |             |
| Water Main Connection                                    | 1        | EA   | \$ 2,500.00 | \$ 2,500.00       | 0                          | EA       | \$ 2,500.00 | \$ -            | \$ -          | 0                                       | EA       | \$ 2,500.00          | \$ -         | \$ -          | 0                           | EA       | \$ 2,500.00 | \$ -         | \$ -          |                                  |  |  |  |             |
| Abandon Existing Water Main                              | 1        | LS   | \$ 1,500.00 | \$ 1,500.00       | 1                          | LS       | \$ 1,500.00 | \$ 1,500.00     | \$ 1,500.00   | 1                                       | LS       | \$ 1,500.00          | \$ 1,500.00  | \$ 1,500.00   | 1                           | LS       | \$ 1,500.00 | \$ 1,500.00  | \$ 1,500.00   |                                  |  |  |  |             |
| Maintenance Aggregate                                    | 250      | CV   | \$ 10.00    | \$ 2,500.00       | 250                        | CV       | \$ 10.00    | \$ 2,500.00     | \$ 2,500.00   | 250                                     | CV       | \$ 10.00             | \$ 2,500.00  | \$ 2,500.00   | 250                         | CV       | \$ 10.00    | \$ 2,500.00  | \$ 2,500.00   |                                  |  |  |  |             |
| Subgrade Underdrain, 6 inch                              | 825      | LF   | \$ 7.00     | \$ 5,775.00       | 700                        | LF       | \$ 7.00     | \$ 4,900.00     | \$ 4,900.00   | 600                                     | LF       | \$ 7.00              | \$ 4,200.00  | \$ 4,200.00   | 600                         | LF       | \$ 7.00     | \$ 4,200.00  | \$ 4,200.00   |                                  |  |  |  |             |
| Aggregate Base, 6 inch                                   | 600      | SY   | \$ 5.00     | \$ 3,000.00       | 500                        | SY       | \$ 5.00     | \$ 2,500.00     | \$ 2,500.00   | 400                                     | SY       | \$ 5.00              | \$ 2,000.00  | \$ 2,000.00   | 400                         | SY       | \$ 5.00     | \$ 2,000.00  | \$ 2,000.00   |                                  |  |  |  |             |
| Concrete Pavement, 7" with Integral Curb and Asphalt Cap | 500      | SY   | \$ 42.00    | \$ 21,000.00      | 400                        | SY       | \$ 42.00    | \$ 16,800.00    | \$ 16,800.00  | 350                                     | SY       | \$ 42.00             | \$ 14,700.00 | \$ 14,700.00  | 350                         | SY       | \$ 42.00    | \$ 14,700.00 | \$ 14,700.00  |                                  |  |  |  |             |
| Driveway, Concrete 6 inch                                | 75       | SY   | \$ 33.00    | \$ 2,475.00       | 70                         | SY       | \$ 33.00    | \$ 2,310.00     | \$ 2,310.00   | 50                                      | SY       | \$ 33.00             | \$ 1,650.00  | \$ 1,650.00   | 60                          | SY       | \$ 33.00    | \$ 1,980.00  | \$ 1,980.00   |                                  |  |  |  |             |
| Concrete Sidewalk, 4 inch                                | 2900     | SF   | \$ 2.80     | \$ 8,120.00       | 2625                       | SF       | \$ 2.80     | \$ 7,350.00     | \$ 7,350.00   | 2100                                    | SF       | \$ 2.80              | \$ 5,880.00  | \$ 5,880.00   | 2150                        | SF       | \$ 2.80     | \$ 6,020.00  | \$ 6,020.00   |                                  |  |  |  |             |
| Concrete Sidewalk, 6 inch                                | 800      | SF   | \$ 3.50     | \$ 2,800.00       | 750                        | SF       | \$ 3.50     | \$ 2,625.00     | \$ 2,625.00   | 550                                     | SF       | \$ 3.50              | \$ 1,925.00  | \$ 1,925.00   | 700                         | SF       | \$ 3.50     | \$ 2,450.00  | \$ 2,450.00   |                                  |  |  |  |             |
| Sidewalk Ramp with Detectable Warnings                   | 500      | SF   | \$ 8.50     | \$ 4,250.00       | 500                        | SF       | \$ 8.50     | \$ 4,250.00     | \$ 4,250.00   | 500                                     | SF       | \$ 8.50              | \$ 4,250.00  | \$ 4,250.00   | 500                         | SF       | \$ 8.50     | \$ 4,250.00  | \$ 4,250.00   |                                  |  |  |  |             |
| Restoration and Sprinkler Repairs                        | 8        | STA  | \$ 350.00   | \$ 2,800.00       | 7                          | STA      | \$ 350.00   | \$ 2,450.00     | \$ 2,450.00   | 6                                       | STA      | \$ 350.00            | \$ 2,100.00  | \$ 2,100.00   | 6                           | STA      | \$ 350.00   | \$ 2,100.00  | \$ 2,100.00   |                                  |  |  |  |             |
| CONSTRUCTION TOTAL                                       |          |      |             | \$ 172,482.50     | CONSTRUCTION STARTING (2%) |          |             |                 | \$ 147,966.00 | CONSTRUCTION OBSERVATION AND INSPECTION |          |                      |              | \$ 3,450.00   | CONSTRUCTION TESTING (1.5%) |          |             |              | \$ 10,560.00  | CONSTRUCTION ADMINISTRATION (2%) |  |  |  | \$ 3,450.00 |
| GRAND TOTAL                                              |          |      |             | \$ 192,532.50     |                            |          |             |                 | \$ 166,660.00 |                                         |          |                      |              | \$ 186,115.00 |                             |          |             |              | \$ 155,620.00 |                                  |  |  |  |             |

| Quantity                    | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Grand Total |
|-----------------------------|------|------------|-----------|----------|------|------------|-----------|----------|------|------------|-----------|----------|------|------------|-----------|-------------|
| <b>Washington to Phrege</b> |      |            |           |          |      |            |           |          |      |            |           |          |      |            |           |             |
| 1LS                         | \$   | 500.00     | 500.00    | 1LS      | \$   | 500.00     | 500.00    | 1LS      | \$   | 500.00     | 500.00    | 1LS      | \$   | 500.00     | 500.00    | 4,000.00    |
| 1LS                         | \$   | 2,500.00   | 2,500.00  | 1LS      | \$   | 2,500.00   | 2,500.00  | 1LS      | \$   | 2,500.00   | 2,500.00  | 1LS      | \$   | 2,500.00   | 2,500.00  | 20,000.00   |
| 350 SY                      | \$   | 8.00       | 2,800.00  | 500 SY   | \$   | 8.00       | 4,000.00  | 350 SY   | \$   | 8.00       | 2,800.00  | 400 SY   | \$   | 8.00       | 3,200.00  | 20,000.00   |
| 65 SY                       | \$   | 5.00       | 325.00    | 75 SY    | \$   | 5.00       | 375.00    | 65 SY    | \$   | 5.00       | 325.00    | 65 SY    | \$   | 5.00       | 325.00    | 25,600.00   |
| 3375 SF                     | \$   | 1.00       | 3,375.00  | 3000 SF  | \$   | 1.00       | 3,000.00  | 3350 SF  | \$   | 1.00       | 3,350.00  | 3850 SF  | \$   | 1.00       | 3,850.00  | 28,150.00   |
| 0EA                         | \$   | 750.00     | -         | 0EA      | \$   | 750.00     | -         | 1EA      | \$   | 750.00     | 750.00    | 0EA      | \$   | 750.00     | -         | 750.00      |
| 1EA                         | \$   | 350.00     | 350.00    | 1EA      | \$   | 350.00     | 350.00    | 1EA      | \$   | 350.00     | 350.00    | 1EA      | \$   | 350.00     | 350.00    | 2,800.00    |
| 2EA                         | \$   | 500.00     | 1,000.00  | 2EA      | \$   | 500.00     | 1,000.00  | 2EA      | \$   | 500.00     | 1,000.00  | 2EA      | \$   | 500.00     | 1,000.00  | 8,000.00    |
| 600 LF                      | \$   | 70.00      | 42,000.00 | 600 LF   | \$   | 70.00      | 42,000.00 | 600 LF   | \$   | 70.00      | 42,000.00 | 700 LF   | \$   | 70.00      | 49,000.00 | 365,250.00  |
| 1EA                         | \$   | 3,000.00   | 3,000.00  | 1EA      | \$   | 3,000.00   | 3,000.00  | 1EA      | \$   | 3,000.00   | 3,000.00  | 1EA      | \$   | 3,000.00   | 3,000.00  | 27,000.00   |
| 2EA                         | \$   | 3,500.00   | 7,000.00  | 2EA      | \$   | 3,500.00   | 7,000.00  | 2EA      | \$   | 3,500.00   | 7,000.00  | 2EA      | \$   | 3,500.00   | 7,000.00  | 56,000.00   |
| 15EA                        | \$   | 750.00     | 11,250.00 | 16EA     | \$   | 750.00     | 12,000.00 | 14EA     | \$   | 750.00     | 10,500.00 | 14EA     | \$   | 750.00     | 10,500.00 | 86,250.00   |
| 15EA                        | \$   | 1,250.00   | 18,750.00 | 0EA      | \$   | 1,250.00   | -         | 14EA     | \$   | 1,250.00   | 17,500.00 | 14EA     | \$   | 1,250.00   | 17,500.00 | 117,400.00  |
| 0EA                         | \$   | 2,500.00   | -         | 0EA      | \$   | 2,500.00   | -         | 0EA      | \$   | 2,500.00   | -         | 1EA      | \$   | 2,500.00   | 2,500.00  | 10,000.00   |
| 1LS                         | \$   | 1,500.00   | 1,500.00  | 1LS      | \$   | 1,500.00   | 1,500.00  | 1LS      | \$   | 1,500.00   | 1,500.00  | 1LS      | \$   | 1,500.00   | 1,500.00  | 12,000.00   |
| 250 CY                      | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 20,000.00   |
| 600 LF                      | \$   | 7.00       | 4,200.00  | 600 LF   | \$   | 7.00       | 4,200.00  | 600 LF   | \$   | 7.00       | 4,200.00  | 700 LF   | \$   | 7.00       | 4,900.00  | 36,575.00   |
| 400 SY                      | \$   | 5.00       | 2,000.00  | 400 SY   | \$   | 5.00       | 2,000.00  | 400 SY   | \$   | 5.00       | 2,000.00  | 500 SY   | \$   | 5.00       | 2,500.00  | 18,000.00   |
| 350 SY                      | \$   | 42.00      | 14,700.00 | 350 SY   | \$   | 42.00      | 14,700.00 | 350 SY   | \$   | 42.00      | 14,700.00 | 400 SY   | \$   | 42.00      | 16,800.00 | 128,100.00  |
| 65 SY                       | \$   | 33.00      | 2,145.00  | 75 SY    | \$   | 33.00      | 2,475.00  | 65 SY    | \$   | 33.00      | 2,145.00  | 65 SY    | \$   | 33.00      | 2,145.00  | 17,375.00   |
| 2075 SF                     | \$   | 2.80       | 5,810.00  | 1700 SF  | \$   | 2.80       | 4,760.00  | 2150 SF  | \$   | 2.80       | 6,020.00  | 2650 SF  | \$   | 2.80       | 7,420.00  | 51,380.00   |
| 725 SF                      | \$   | 3.50       | 2,537.50  | 800 SF   | \$   | 3.50       | 2,800.00  | 700 SF   | \$   | 3.50       | 2,450.00  | 700 SF   | \$   | 3.50       | 2,450.00  | 20,037.50   |
| 500 SF                      | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 34,000.00   |
| 6 STA                       | \$   | 350.00     | 2,100.00  | 6 STA    | \$   | 350.00     | 2,100.00  | 6 STA    | \$   | 350.00     | 2,100.00  | 7 STA    | \$   | 350.00     | 2,450.00  | 18,287.50   |

|    |            |
|----|------------|
| \$ | 134,592.50 |
| \$ | 2,690.00   |
| \$ | 10,560.00  |
| \$ | 2,020.00   |
| \$ | 2,690.00   |
| \$ | 152,552.50 |

|    |            |
|----|------------|
| \$ | 117,010.00 |
| \$ | 2,340.00   |
| \$ | 10,560.00  |
| \$ | 1,760.00   |
| \$ | 2,340.00   |
| \$ | 134,010.00 |

|    |            |
|----|------------|
| \$ | 133,440.00 |
| \$ | 2,670.00   |
| \$ | 10,560.00  |
| \$ | 2,000.00   |
| \$ | 2,670.00   |
| \$ | 151,300.00 |

|    |              |
|----|--------------|
| \$ | 148,140.00   |
| \$ | 2,960.00     |
| \$ | 10,560.00    |
| \$ | 2,220.00     |
| \$ | 2,960.00     |
| \$ | 166,840.00   |
| \$ | 1,255,670.00 |



**CITY OF LINCOLN PARK**  
**MICHIGAN AVENUE**  
**FORD LINE ROAD TO DIX HIGHWAY**  
**PRELIMINARY ENGINEER'S ESTIMATE**

September 12, 2014

| Item                                      | Quantity | Unit | Unit Price  | Total                | Quantity            | Unit | Unit Price  | Total        | Grand Total          |
|-------------------------------------------|----------|------|-------------|----------------------|---------------------|------|-------------|--------------|----------------------|
| <b>Ford Line to Hazel</b>                 |          |      |             |                      | <b>Hazel to Dix</b> |      |             |              |                      |
| Audio-Visual Record Prior to Construction | 1        | LS   | \$ 500.00   | \$ 500.00            | 1                   | LS   | \$ 500.00   | \$ 500.00    | \$ 1,000.00          |
| Traffic Maintenance and Control           | 1        | LS   | \$ 2,500.00 | \$ 2,500.00          | 1                   | LS   | \$ 2,500.00 | \$ 2,500.00  | \$ 5,000.00          |
| Remove Pavement                           | 30       | SY   | \$ 10.00    | \$ 300.00            | 30                  | SY   | \$ 10.00    | \$ 300.00    | \$ 600.00            |
| Remove Driveway Approach                  | 250      | SY   | \$ 5.00     | \$ 1,250.00          | 250                 | SY   | \$ 5.00     | \$ 1,250.00  | \$ 2,500.00          |
| Remove Sidewalk                           | 4125     | SF   | \$ 1.00     | \$ 4,125.00          | 4300                | SF   | \$ 1.00     | \$ 4,300.00  | \$ 8,425.00          |
| Tree Removal, 6-18 Inch                   | 11       | EA   | \$ 750.00   | \$ 8,250.00          | 5                   | EA   | \$ 750.00   | \$ 3,750.00  | \$ 12,000.00         |
| Abandon Gate Valve in Well                | 1        | EA   | \$ 350.00   | \$ 350.00            | 1                   | EA   | \$ 350.00   | \$ 350.00    | \$ 700.00            |
| Remove Fire Hydrant                       | 2        | EA   | \$ 500.00   | \$ 1,000.00          | 2                   | EA   | \$ 500.00   | \$ 1,000.00  | \$ 2,000.00          |
| 8" PVC, C909, PC235 Water Main            | 825      | LF   | \$ 70.00    | \$ 57,750.00         | 775                 | LF   | \$ 70.00    | \$ 54,250.00 | \$ 112,000.00        |
| 8" Gate Valve in Well                     | 1        | EA   | \$ 3,000.00 | \$ 3,000.00          | 1                   | EA   | \$ 3,000.00 | \$ 3,000.00  | \$ 6,000.00          |
| Fire Hydrant Assembly                     | 2        | EA   | \$ 3,500.00 | \$ 7,000.00          | 2                   | EA   | \$ 3,500.00 | \$ 7,000.00  | \$ 14,000.00         |
| 1" Short Side Water Service               | 16       | EA   | \$ 750.00   | \$ 12,000.00         | 14                  | EA   | \$ 750.00   | \$ 10,500.00 | \$ 22,500.00         |
| 1" Long Side Water Service                | 16       | EA   | \$ 1,250.00 | \$ 20,000.00         | 17                  | EA   | \$ 1,250.00 | \$ 21,250.00 | \$ 41,250.00         |
| Water Main Connection                     | 1        | EA   | \$ 2,500.00 | \$ 2,500.00          | 1                   | EA   | \$ 2,500.00 | \$ 2,500.00  | \$ 5,000.00          |
| Abandon Existing Water Main               | 1        | LS   | \$ 1,500.00 | \$ 1,500.00          | 1                   | LS   | \$ 1,500.00 | \$ 1,500.00  | \$ 3,000.00          |
| Maintenance Aggregate                     | 250      | CY   | \$ 10.00    | \$ 2,500.00          | 250                 | CY   | \$ 10.00    | \$ 2,500.00  | \$ 5,000.00          |
| Aggregate Base, 6 Inch                    | 50       | SY   | \$ 5.00     | \$ 250.00            | 50                  | SY   | \$ 5.00     | \$ 250.00    | \$ 500.00            |
| Concrete Pavement, 7" with Integral Curb  | 30       | SY   | \$ 42.00    | \$ 1,260.00          | 30                  | SY   | \$ 42.00    | \$ 1,260.00  | \$ 2,520.00          |
| Driveway, Concrete 6 Inch                 | 250      | SY   | \$ 33.00    | \$ 8,250.00          | 250                 | SY   | \$ 33.00    | \$ 8,250.00  | \$ 16,500.00         |
| Concrete Sidewalk, 4 Inch                 | 2125     | SF   | \$ 2.80     | \$ 5,950.00          | 3400                | SF   | \$ 2.80     | \$ 9,520.00  | \$ 15,470.00         |
| Concrete Sidewalk, 6 Inch                 | 3125     | SF   | \$ 3.50     | \$ 10,937.50         | 700                 | SF   | \$ 3.50     | \$ 2,450.00  | \$ 13,387.50         |
| Sidewalk Ramp with Detectable Warnings    | 200      | SF   | \$ 8.50     | \$ 1,700.00          | 200                 | SF   | \$ 8.50     | \$ 1,700.00  | \$ 3,400.00          |
| Restoration and Sprinkler Repairs         | 8.25     | STA  | \$ 350.00   | \$ 2,887.50          | 7.75                | STA  | \$ 350.00   | \$ 2,712.50  | \$ 5,600.00          |
| CONSTRUCTION TOTAL                        |          |      |             | \$ 155,760.00        |                     |      |             |              | \$ 298,352.50        |
| CONSTRUCTION STAKING (2%)                 |          |      |             | \$ 3,120.00          |                     |      |             |              | \$ 5,970.00          |
| CONSTRUCTION OBSERVATION AND INSPECTION   |          |      |             | \$ 10,560.00         |                     |      |             |              | \$ 21,120.00         |
| CONSTRUCTION TESTING (1.5%)               |          |      |             | \$ 2,340.00          |                     |      |             |              | \$ 4,480.00          |
| CONSTRUCTION ADMINISTRATION (2%)          |          |      |             | \$ 3,120.00          |                     |      |             |              | \$ 5,970.00          |
| <b>GRAND TOTAL</b>                        |          |      |             | <b>\$ 174,900.00</b> |                     |      |             |              | <b>\$ 335,892.50</b> |

**CITY OF LINCOLN PARK**  
**CLEOPHUS STREET**  
**HOWARD STREET TO FORT PARK BOULEVARD**  
**PRELIMINARY ENGINEER'S ESTIMATE**

September 12, 2014

| Item                                           | Quantity | Unit | Unit Price  | Total         | Quantity | Unit | Unit Price | Total | Grand Total   |
|------------------------------------------------|----------|------|-------------|---------------|----------|------|------------|-------|---------------|
| <b>Howard to Lafayette</b>                     |          |      |             |               |          |      |            |       |               |
| Audio Visual Record Prior to Construction      | 1        | LS   | \$ 500.00   | \$ 500.00     |          |      |            |       |               |
| Traffic Maintenance and Control                | 1        | LS   | \$ 2,500.00 | \$ 2,500.00   |          |      |            |       |               |
| Remove Pavement                                | 30       | SY   | \$ 10.00    | \$ 300.00     |          |      |            |       |               |
| Remove Driveway Approach                       | 350      | SY   | \$ 5.00     | \$ 1,750.00   |          |      |            |       |               |
| Remove Sidewalk                                | 3825     | SF   | \$ 1.00     | \$ 3,825.00   |          |      |            |       |               |
| Tree Removal, 6-18 Inch                        | 2        | EA   | \$ 750.00   | \$ 1,500.00   |          |      |            |       |               |
| Abandon Gate Valve in Well                     | 1        | EA   | \$ 350.00   | \$ 350.00     |          |      |            |       |               |
| Remove Fire Hydrant                            | 2        | EA   | \$ 500.00   | \$ 1,000.00   |          |      |            |       |               |
| 8" PVC, C909, PC235 Water Main                 | 700      | LF   | \$ 70.00    | \$ 49,000.00  |          |      |            |       |               |
| 8" Gate Valve in Well                          | 2        | EA   | \$ 3,000.00 | \$ 6,000.00   |          |      |            |       |               |
| Fire Hydrant Assembly                          | 2        | EA   | \$ 3,500.00 | \$ 7,000.00   |          |      |            |       |               |
| 1" Short Side Water Service                    | 6        | EA   | \$ 750.00   | \$ 4,500.00   |          |      |            |       |               |
| 1" Long Side Water Service                     | 13       | EA   | \$ 1,250.00 | \$ 16,250.00  |          |      |            |       |               |
| Water Main Connection                          | 1        | EA   | \$ 2,500.00 | \$ 2,500.00   |          |      |            |       |               |
| Abandon Existing Water Main                    | 1        | LS   | \$ 1,500.00 | \$ 1,500.00   |          |      |            |       |               |
| Maintenance Aggregate                          | 250      | CY   | \$ 10.00    | \$ 2,500.00   |          |      |            |       |               |
| Aggregate Base, 6 Inch                         | 50       | SY   | \$ 5.00     | \$ 250.00     |          |      |            |       |               |
| Concrete Pavement, 7" with Integral Curb       | 30       | SY   | \$ 42.00    | \$ 1,260.00   |          |      |            |       |               |
| Driveway, Concrete 6 Inch                      | 350      | SY   | \$ 33.00    | \$ 11,550.00  |          |      |            |       |               |
| Concrete Sidewalk, 4 Inch                      | 2125     | SF   | \$ 2.80     | \$ 5,950.00   |          |      |            |       |               |
| Concrete Sidewalk, 6 Inch                      | 1500     | SF   | \$ 3.50     | \$ 5,250.00   |          |      |            |       |               |
| Sidewalk Ramp with Detectable Warnings         | 200      | SF   | \$ 8.50     | \$ 1,700.00   |          |      |            |       |               |
| Restoration and Sprinkler Repairs              | 7        | STA  | \$ 350.00   | \$ 2,450.00   |          |      |            |       |               |
| <b>Lafayette to Fort Park</b>                  |          |      |             |               |          |      |            |       |               |
|                                                | 1        | LS   | \$ 500.00   | \$ 500.00     |          |      |            |       |               |
|                                                | 1        | LS   | \$ 2,500.00 | \$ 2,500.00   |          |      |            |       |               |
|                                                | 30       | SY   | \$ 10.00    | \$ 300.00     |          |      |            |       |               |
|                                                | 600      | SY   | \$ 5.00     | \$ 3,000.00   |          |      |            |       |               |
|                                                | 4825     | SF   | \$ 1.00     | \$ 4,825.00   |          |      |            |       |               |
|                                                | 2        | EA   | \$ 750.00   | \$ 1,500.00   |          |      |            |       |               |
|                                                | 1        | EA   | \$ 350.00   | \$ 350.00     |          |      |            |       |               |
|                                                | 3        | EA   | \$ 500.00   | \$ 1,500.00   |          |      |            |       |               |
|                                                | 950      | LF   | \$ 70.00    | \$ 66,500.00  |          |      |            |       |               |
|                                                | 1        | EA   | \$ 3,000.00 | \$ 3,000.00   |          |      |            |       |               |
|                                                | 3        | EA   | \$ 3,500.00 | \$ 10,500.00  |          |      |            |       |               |
|                                                | 6        | EA   | \$ 750.00   | \$ 4,500.00   |          |      |            |       |               |
|                                                | 3        | EA   | \$ 1,250.00 | \$ 3,750.00   |          |      |            |       |               |
|                                                | 1        | EA   | \$ 2,500.00 | \$ 2,500.00   |          |      |            |       |               |
|                                                | 1        | LS   | \$ 1,500.00 | \$ 1,500.00   |          |      |            |       |               |
|                                                | 250      | CY   | \$ 10.00    | \$ 2,500.00   |          |      |            |       |               |
|                                                | 50       | SY   | \$ 5.00     | \$ 250.00     |          |      |            |       |               |
|                                                | 30       | SY   | \$ 42.00    | \$ 1,260.00   |          |      |            |       |               |
|                                                | 600      | SY   | \$ 33.00    | \$ 19,800.00  |          |      |            |       |               |
|                                                | 2000     | SF   | \$ 2.80     | \$ 5,600.00   |          |      |            |       |               |
|                                                | 2625     | SF   | \$ 3.50     | \$ 9,187.50   |          |      |            |       |               |
|                                                | 200      | SF   | \$ 8.50     | \$ 1,700.00   |          |      |            |       |               |
|                                                | 9.5      | STA  | \$ 350.00   | \$ 3,325.00   |          |      |            |       |               |
| <b>CONSTRUCTION TOTAL</b>                      |          |      |             |               |          |      |            |       |               |
|                                                |          |      |             | \$ 129,385.00 |          |      |            |       | \$ 150,347.50 |
| <b>CONSTRUCTION STAKING (2%)</b>               |          |      |             | \$ 2,590.00   |          |      |            |       | \$ 3,010.00   |
| <b>CONSTRUCTION OBSERVATION AND INSPECTION</b> |          |      |             | \$ 10,560.00  |          |      |            |       | \$ 10,560.00  |
| <b>CONSTRUCTION TESTING (1.5%)</b>             |          |      |             | \$ 1,940.00   |          |      |            |       | \$ 2,260.00   |
| <b>CONSTRUCTION ADMINISTRATION (2%)</b>        |          |      |             | \$ 2,590.00   |          |      |            |       | \$ 3,010.00   |
| <b>GRAND TOTAL</b>                             |          |      |             | \$ 147,065.00 |          |      |            |       | \$ 169,187.50 |
|                                                |          |      |             |               |          |      |            |       | \$ 279,737.50 |
|                                                |          |      |             |               |          |      |            |       | \$ 5,600.00   |
|                                                |          |      |             |               |          |      |            |       | \$ 21,120.00  |
|                                                |          |      |             |               |          |      |            |       | \$ 4,200.00   |
|                                                |          |      |             |               |          |      |            |       | \$ 5,600.00   |
|                                                |          |      |             |               |          |      |            |       | \$ 316,252.50 |

**CITY OF LINCOLN PARK  
COLLAPSED SEWER REPAIRS  
PRELIMINARY ESTIMATE**

June 14, 2013

Updated September 12, 2014

| Item                                                                    | Sub-Total            |
|-------------------------------------------------------------------------|----------------------|
| Alley between Wilson & Marion, South of O'Connor                        | \$ 14,600.00         |
| Alley between Washington & Grant, North of O'Connor                     | \$ 15,150.00         |
| Northbound Fort St. Alley at The North East Corner of Fort & Southfield | \$ 16,400.00         |
| Easement between Markese & Regina, East of Dix highway                  | \$ 14,840.00         |
| Alley between Austin & Ferris, South of O'Connor                        | \$ 14,230.00         |
| Alley between Electric & Chandler, South of O'Connor                    | \$ 8,450.00          |
| Easement between Wilson & Ethel, North of O'Connor                      | \$ 11,260.00         |
| Eastbound Southfield Rd. Alley between Applewood & LeJeune              | \$ 12,730.00         |
| <b>CONSTRUCTION TOTAL</b>                                               | <b>\$ 107,660.00</b> |

|                                                                |                      |
|----------------------------------------------------------------|----------------------|
| CONTINGENCY (10%)                                              | \$ 10,770.00         |
| ENGINEERING AND DESIGN (10%)                                   | \$ 10,770.00         |
| CONSTRUCTION OBSERVATION AND INSPECTION \$528.00/DAY @20 DAYS) | \$ 10,560.00         |
| CONSTRUCTION TESTING (1.5%)                                    | \$ 1,610.00          |
| CONSTRUCTION ADMINISTRATION (2%)                               | \$ 2,150.00          |
| <b>GRAND TOTAL</b>                                             | <b>\$ 143,520.00</b> |

Locations have not completed with concrete (Sep. 19/2014)

| No. | Location                                         | 8" Concrete | 6" Concrete | 4" Concrete | Ramp |
|-----|--------------------------------------------------|-------------|-------------|-------------|------|
| 1   | 654 MAYFLOWER CONCRETE APPROACH                  |             |             |             |      |
| 2   | 540 MAYFLOWER 8" CONCRETE                        | 253         |             |             |      |
| 3   | 1892 WINCHESTER 6X10 6" DRIVE APP 4 6" S/W FLAGS | 84          |             |             |      |
| 4   | 4181 BURNS S/W 3 FLAG 6" 2 FLAG 4" BILL H/O      |             | 196         |             |      |
| 5   | 1327 PROGRESS 3 4" FLAGS BILL H/O                |             |             | 100         |      |
| 6   | HARRISON AT GOHL 4" AND 8" CONCRETE              |             |             | 75          |      |
| 7   | 4059 LONGTIN 8" CONCRETE                         | 52          |             |             |      |
| 8   | LAFAYETTE AT KEPPE 8" CONCRETE                   | 75          |             |             | 1    |
| 9   | FORT PARK AT ROSE 8" CONCRETE SINKNHOLE          | 112         |             |             |      |
| 10  | 1164 FARNHAM 8" CONCRETE                         | 88          |             |             |      |
| 11  | 4017 HELEN 8" CONCRETE 10X10                     | 260         |             |             |      |
| 12  | 2220 CALVIN 4" CONCRETE                          | 100         |             |             |      |
| 13  | 1468 MILL 4" AND 6" CONCRETE                     |             |             |             |      |
| 14  | 1836 PARIS 6" AND 8" CONCRETE                    |             |             |             |      |
| 15  | 1078 PARK 8" CONCRETE                            |             | 38          | 62          |      |
| 16  | 2216 WHITE 4" AND 6" CONCRETE                    |             | 77          |             |      |
| 17  | 740 MILL 8" CONCRETE MB                          | 400         |             |             |      |
| 18  | 3819 FORT 4" CONCRETE W/S                        |             | 35          |             |      |
| 19  | 658 MAYFLOWER 8" CONCRETE M/B                    | 144         |             |             |      |
| 20  | 1802 PAGEL 8" & 4 " CONCRETE                     |             |             | 42          |      |
| 21  | 1378 GODDARD REAR 8" CONCRETE                    | 115         |             |             |      |
| 22  | 1389 HANFORD 3 S/W FLAGS 4" W/S                  | 120         |             |             |      |
| 23  | 1365 PAGEL 4" CONCRETE W/S                       | 102         |             |             | 1    |
| 24  | 1539 BUCKINGHAM 6" CONCRETE                      |             |             | 45          |      |
| 25  | RIOPELLE AT OCEANA 8" CONCRETE SEWER REPAIR      |             |             | 28          |      |
| 26  | 1617 VICTORIA LANE 4" CONCRETE                   |             | 100         |             |      |
| 27  | 1816 REGINA 6" DRIVE APP M/B                     | 80          |             |             |      |
| 28  | 1736 FORT 4" CONCRETE                            |             |             | 220         |      |
| 29  | 1387 HANFORD 4" CONCRETE                         |             | 70          |             |      |
| 30  | 1378 RUSSELL 4" CONCRETE                         |             |             | 20          |      |
| 31  | 1482 UNIVERSITY 4" CONCRETE                      |             |             | 15          |      |
| 32  | 1711 FORT ST 4" CONCRETE                         |             |             | 60          |      |
| 33  | 1310 WILSON REPLACE WALKS SERVICE REPAIR         |             |             | 15          |      |
| 34  | 1339 LBERTY NEEDS 8" CONCRETE M/B                | 45          |             | 20          |      |
| 35  | 1570 MILL NEEDS 8" CONCRETE M/B                  | 143         |             |             |      |
| 36  | 1126 MILL                                        | 161         |             |             |      |
| 37  | 1390 HAHFORD                                     |             |             | 110         |      |
|     |                                                  |             |             | 50          |      |

|                      |             |      |      |      |
|----------------------|-------------|------|------|------|
| TOTAL AREA (Seq. ft) | 2334        | 516  | 862  | 2    |
| UNIT PRICE (\$)      | 5.75        | 5.5  | 5    | 1000 |
| LINE TOTAL (\$)      | 13420.5     | 2838 | 4310 | 2000 |
| TOTAL AMOUNT (\$)    | \$22,569.00 |      |      |      |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description          | Vin/Serial/Plate  | Assigned or Located          | Condition (1-10) |
|----------------|----------------------|-------------------|------------------------------|------------------|
| M-2            | 1999 Mercury Sable   | 1MEFM53S8XG41583  | DPS-MP                       | 2                |
| M-6            | 2005 Crown Victoria  | 2FAFP71W15X178127 | Building Dept.               | 3                |
| M-15           | 1999 Mercury Sable   | 1MEFM50U8XG659684 | Building Dept.               | 2                |
| M-25           | 2006 Ford F250       | 1FTNF21566EC37212 | DPS                          | 7                |
| M-25A          | 2006 Western 8" Plow |                   | DPS                          | 9                |
| M-26           | 2004 Ford F250       | 1FTNF20L34EC79010 | DPS-Water                    | 6                |
| M-27           | 2004 Ford F250       | 1FTNF20L34EC79012 | DPS-Sewer                    | 6                |
| M-28           | 1999 Ford F350       | 1FTSF30F6XEA35846 | DPS-MP                       | 4                |
| M-30           | 1999 Ford F350       | 1FTSF30F8XEA35847 | DPS-MP                       | 4                |
| M-31           | 1999 Ford F350       | 1FTSF30FXXEA35848 | DPS-MP                       | 4                |
| M-33           | 2000 Ford Ranger     | 1FTZR15X9YTA45375 | At DPS-vehicle is inoperable | 1                |
| M-35           | 2004 Ford F250       | 1FTNF20L34EC79011 | DPS                          | 6                |
| M-36           | 1999 Ford E350 Van   | 1FBSS31L0XHA01663 | S.M.A.R.T.                   | 3                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                          | Vin/Serial/Plate   | Assigned or Located | Condition (1-10) |
|----------------|--------------------------------------|--------------------|---------------------|------------------|
| M-38           | 20 Passenger Bus                     | 1FDXE45F32HB28303  | S.M.A.R.T.          | 5                |
| M-39           | 2000 Ford Econoline Van              | 1FMRE1126YHB75442  | Court               | 5                |
| M-39A          | 2012 American Trailer                | 1A9UL0857C1668072  | Court               | 7                |
| M-40           | 2004 Ford E250 Van                   | 1FTNS24W14HB40639  | DPS                 | 5                |
| M-43           | 2001 Ford E350 Van                   | 1FTSS34F51HB37991  | DPS-Sign            | 4                |
| M-44           | 2007 E250 Cargo Van                  | 1FTNS24L07DB19895  | DPS                 | 7                |
| M-45           | 2007 E250 Cargo Van                  | 1FTNS24L07DB19896  | DPS-Water           | 6                |
| M-46           | 2009 GMC Savana                      | 1GDHGG31K391139431 | DDA                 | 7                |
| M-47           | 2000 Ford F750 Utility Van           | 3FDXF75HXYMA24895  | DPS-Water           | 4                |
| M-48           | 2005 Ford E450<br>20 Passenger Bus   | 1FDXE45P66HB29959  | S.M.A.R.T.          | 6                |
| M-49           | 1990 Ford E350 Utility Van           | 1FDKE37G6LHB63512  | DPS-Cement          | 1                |
| M-51           | 2003 Ford F550 Dump<br>w/attachments | 1FDAF57F03EA49339  | DPS                 | 4                |
| M-51A          | 2003 Monroe Spreader                 |                    | DPS                 | 2                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description          | Vin/Serial/Plate   | Assigned or Located | Condition (1-10) |
|----------------|----------------------|--------------------|---------------------|------------------|
| M-51B          | 2003 Western 8' Plow |                    | DPS                 | 5                |
| M-52           | Dump Truck           | 1FDADF57F03EA49340 | DPS                 | 4                |
| M-52A          | 2003 Monroe Spreader |                    | DPS                 | 1                |
| M-52B          | 2003 Western 8' Plow |                    | DPS                 | 5                |
| M-53           | 2003 Ford F550 Dump  | 1FDADF57F03EA49337 | DPS                 | 4                |
| M-53A          | 2003 Monroe Spreader |                    | DPS                 | 1                |
| M-53B          | 2003 Western 8' Plow |                    | DPS                 | 5                |
| M-54           | 2003 Ford F550 Dump  | 1FDADF57P13EB49331 | DPS                 | 4                |
| M-54A          | 2003 Monroe Spreader |                    | DPS                 | 1                |
| M-54B          | 2003 Western 8' Plow |                    | DPS                 | 5                |
| M-55           | 2003 Ford F550 Dump  | 1FDADF57P13EB49330 | DPS                 | 4                |
| M-55A          | 2003 Monroe Spreader |                    | DPS                 | 2                |
| M-55B          | 2003 Western 8' Plow |                    | DPS                 | 3                |



# 2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description            | Vin/Serial/Plate  | Assigned or Located | Condition (1-10) |
|----------------|------------------------|-------------------|---------------------|------------------|
| M-56           | 2006 F350 Dump         | 1FDWF37Y56EC37211 | DPS                 | 6                |
| M-56A          | 2006 Tailgate Spreader |                   |                     |                  |
| M-56B          | 2006 Western 8" Plow   |                   | DPS                 | 4                |
| M-57           | 2009 F550 Dump         |                   | DPS                 | 5                |
| M-61           | 1982 Ford L8000        | 1FDAF57RXFA21244  | DPS-Water           | 6                |
| M-63           | 2009 Ford F750         | 1FDXK80U4CV21317  | DPS                 | 2                |
| M-63           | 1983 Ford L8000        | 3FRXF75P99V155665 | DPS                 | 7                |
| M-64           | 2009 Ford F750         | 1FDXK80V0VA15290  | DPS                 | 2                |
| M-65           | 2006 Sterling Dump     | 3FRXF75P99V155664 | DPS                 | 7                |
| M-65A          | 2006 Spreader          | 2FZAAWDC56AX19446 | DPS                 | 5                |
| M-65B          | 1994 Monroe 9' Plow    |                   | DPS                 | 4                |
| M-66           | 1994 Ford L8000        |                   | DPS                 | 4                |
| M-66A          | 1994 Monroe Spreader   | 1FDYK82E2RVA26860 | DPS                 | 3                |
|                |                        |                   | DPS                 | 3                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                 | Vin/Serial/Plate  | Assigned or Located | Condition (1-10) |
|----------------|-----------------------------|-------------------|---------------------|------------------|
| M-66B          | 1994 Monroe 9' Plow         |                   | DPS                 | 4                |
| M-68           | 1994 Ford L8000             | 1FDYK82EXRVA26864 | DPS                 | 3                |
| M-68A          | 1994 Monroe Spreader        |                   | DPS                 | 3                |
| M-68B          | 1994 Monroe 9' Plow         |                   | DPS                 | 4                |
| M-69           | 2005 GMC 7500 Dump          | 1GDP8C1C95F504368 | DPS                 | 5                |
| M-69A          | 2005 Flink Spreader         |                   | DPS                 | 5                |
| M-69B          | 2005 Flink 10' Plow         |                   | DPS                 | 5                |
| M-69C          | 2005 Underbody Scraper      |                   | DPS                 | 2                |
| M-70           | 2006 Sterling Dump          | 2FZAAWDC36AX19445 | DPS                 | 5                |
| M-70A          | 2006 Spreader               |                   | DPS                 | 4                |
| M-70B          | 1994 Monroe 9' Plow         |                   | DPS                 | 4                |
| M-71           | 1975 Ford Flat Bed          | N61DVX06784       | DPS-Cement          | 2                |
| M-72           | 2003 Ford F750 Trash Loader | 3FDXF75R13MB03258 | DPS                 | 6                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                           | Vin/Serial/Plate  | Assigned or Located | Condition (1-10) |
|----------------|---------------------------------------|-------------------|---------------------|------------------|
| M-73           | Dump Truck                            | 3FDXF75RX1MA53425 | DPS-Water           | 5                |
| M-75           | 1983 Ford LN9000                      | 1FDYR90JDVA17732  | DPS                 | 3                |
| M-76           | 1994 Ford LT9000 Semi                 | 1FTYU90R0RVA28603 | DPS                 | 3                |
| M-76A          | 2000 Benson 28' Trailer               | 1NUDT38G7YMSS0872 | DPS-MP              | 4                |
| M-80           | 2012 Sterling Vactor                  | 1HTWCAZRSDH196083 | DPS-Sewer           | 7                |
| M-82           | 2004 Elgin Sweeper                    | P4262D            | DPS-Roads           | 5                |
| M-83           | 2004 Elgin Sweeper                    | P4264S            | DPS-Roads           | 5                |
| M-84           | 2004 Elgin Sweeper                    | P4263D            | DPS-Roads           | 5                |
| M-85           | 2004 Elgin Sweeper                    | P4265S            | DPS-Roads           | 4                |
| M-90           | 1970 Ford Farm Tractor                | C279761           | DPS                 | 3                |
| M-91           | 1971 Ford Farm Tractor                | C291292           | DPS                 | 3                |
| M-93           | 1994 Ford Enclosed Tractor            | BD61103           | DPS                 | 3                |
| M-95           | 1984 International S1900 Aerial Truck | 1HTLDUXN6EHA32492 | DPS                 | 3                |



2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                        | Vin/Serial/Plate   | Assigned or Located | Condition (1-10) |
|----------------|------------------------------------|--------------------|---------------------|------------------|
| M-96           | 2000 Ford F750 Aerial Truck        | 3FDXF75H6YMA48336  | DPS                 | 5                |
| M-97A          | 1990 Holden Industrial Trailer     | 1211TD2825L0095296 | DPS                 | 2                |
| M-99           | 2007 Case Backhoe 590 Super M      |                    | DPS                 | 5                |
| M-99A          | 2001 Dynaweld Trailer              | 4V1G1AEX811040386  | DPS                 | 4                |
| M-101          | 2007 CAT Front End Loader          | 928H CXX 00282     | DPS                 | 5                |
| M-102          | 2001 Case Backhoe 590 Super M      | JJG0286824         | DPS                 | 4                |
| M-103          | 5x8 Enclosed Single Axle Trailer   | 2986               | CPW                 | 4                |
| M-104          | 2006 Wells Cargo Trailer 7x12 Dual | 1WC200E2961116316  | CPW                 | 4                |
| M-105          | 1999 Rayco Stumper                 |                    | DPS                 | 4                |
| M-108          | 2005 Vermeer Chipper BC1400        | 1VRU1614761003077  | DPS                 | 4                |
| M-109          | 1999 Bandit Chipper                | 14493              | DPS                 | 4                |
| M-112          | 1993 Sullair Compressor            | 004-111518         | DPS                 | 4                |
| M-112A         | #70 Jack Hammer                    | 96951              | DPS                 | 3                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                 | Vin/Serial/Plate | Assigned or Located | Condition (1-10) |
|----------------|-----------------------------|------------------|---------------------|------------------|
| M-112B         | #90 Breaker                 | 1100             | DPS                 | 3                |
| M-125          | 2000 Cushion Cut Cement Saw | 40149            | DPS                 | 4                |
| M-127          | 1999 Concrete Mixer         | HA-752514        | DPS                 | 4                |
| M-129          | 1999 Concrete Mixer         | HA-752521        | DPS                 | 4                |
| M-130          | 1976 Miller Welder          | HG001301         | DPS                 | 4                |
| M-134          | 1993 Diez Arrowboard        | D00053           | DPS                 | 4                |
| M-135          | 1990 Diez Arrowboard        |                  | DPS                 | 4                |
| M-136          | 2000 Solar Arrowboard       |                  | DPS                 | 4                |
| M-137          | 2010 Solar Arrowboard       |                  | DPS                 | 5                |
| M-138          | 2010 Solar Arrowboard       |                  | DPS                 | 5                |
| M-140          | 2001 CAT GP25 Fork Lift     | AT17G12531       | DPS                 | 4                |
| M-142          | 1974 Fiat Grader            | 75Y01661         | DPS                 | 4                |
| M-145          | T-450 Asphalt Power Box     | PBP88E3662       | DPS                 | 5                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                         | Vin/Serial/Plate  | Assigned or Located | Condition (1-10) |
|----------------|-------------------------------------|-------------------|---------------------|------------------|
| M-145A         | Asphalt Trailer                     | 1JKPBS200JA070114 | DPS                 | 5                |
| M-146          | 1995 Portable Asphalt Washer        | 59501148          | DPS                 | 5                |
| M-146A         | Trailer                             | LCAUS0416VTZ78446 | DPS                 | 5                |
| M-148          | 2006 CAT Roller CB-224E             |                   | DPS                 | 5                |
| M-155          | 2002 ODB Leaf Collector             | 3333              | DPS                 | 3                |
| M-157          | 1998 Graco Line Lazer               |                   | DPS                 | 5                |
| M-167          | 1997 Hustler w/Broom                | 6060433           | DPS                 | 4                |
| M-262          | Olathe Lawn Sweeper                 |                   | DPS                 | 2                |
| C-102          | 1997 Olympia Ice Resurfacer         | RC9705707         |                     | 5                |
| F-451          | 1998 Sutphen Rescue Pumper          | 1S9A1BLD7W1003094 | FD                  | 5                |
| F-452          | 2002 Sutphen Rescue Pumper          | 1S9A1BLD031002076 | FD                  | 5                |
| F-461          | 2013 Smeal Aerial Ladder Fire Truck | 4S7AV2E92DC076394 | FD                  | 9                |
| F-471          | 2005 GMC Yukon XI Rescue            | 3GKGK26U85G280854 | FD                  | 7                |

2014 City of Lincoln Park Vehicle/Equipment List

| Vehicle Number | Description                 | Vin/Serial/Plate             | Assigned or Located | Condition (1-10) |
|----------------|-----------------------------|------------------------------|---------------------|------------------|
| F-472          | 1999 McCoy Miller Ambulance | 1FDXE40F7XHA40823            | FD                  | 6                |
| F-473          | 2002 Club Car Carryall      | NG0242-215814                | FD                  | 5                |
| F-481          | 2002 Ford Windstar          | 2FMZA51452BA96921            | FD                  | 4                |
| F-491          | 2002 Ford Windstar          | 2FNZA51472BA96922            | FD                  | 4                |
| F-492          | 2006 Ford F250 Pickup       | 1FTSW21576EB82479            | FD                  | 8                |
| 4-1            | 2001 Ford F150              | 1FTRX17WX1NB94981<br>036X349 | PD                  | 3                |
| 4-2            | 2011 Crown Victoria         | 2FABP7BV4BX169048<br>036X337 | PD                  | 5                |
| 4-3            | 2011 Ford Interceptor       | 2FABP7BV8BX148302<br>036X396 | PD                  | 8                |
| 4-4            | 2010 Ford Crown Victoria V8 | 2FABP7BV3AX123404<br>036X375 | PD                  | 5                |
| 4-6            | 2009 Ford Crown Victoria    | 2FAHP71V79X112977<br>036X314 | PD                  | 4                |
| M-5            | 2008 Ford Crown Victoria    | 2FAFP71V68X130358            | PD                  | 3                |
| 4-10           | 2008 Ford Crown Victoria    | 2FAFP71V18X128923<br>036X332 | PD                  | 4                |
| 4-11           | 2010 Ford Crown Victoria V8 | 2FABP7BVXAX123402<br>036X323 | PD                  | 4                |

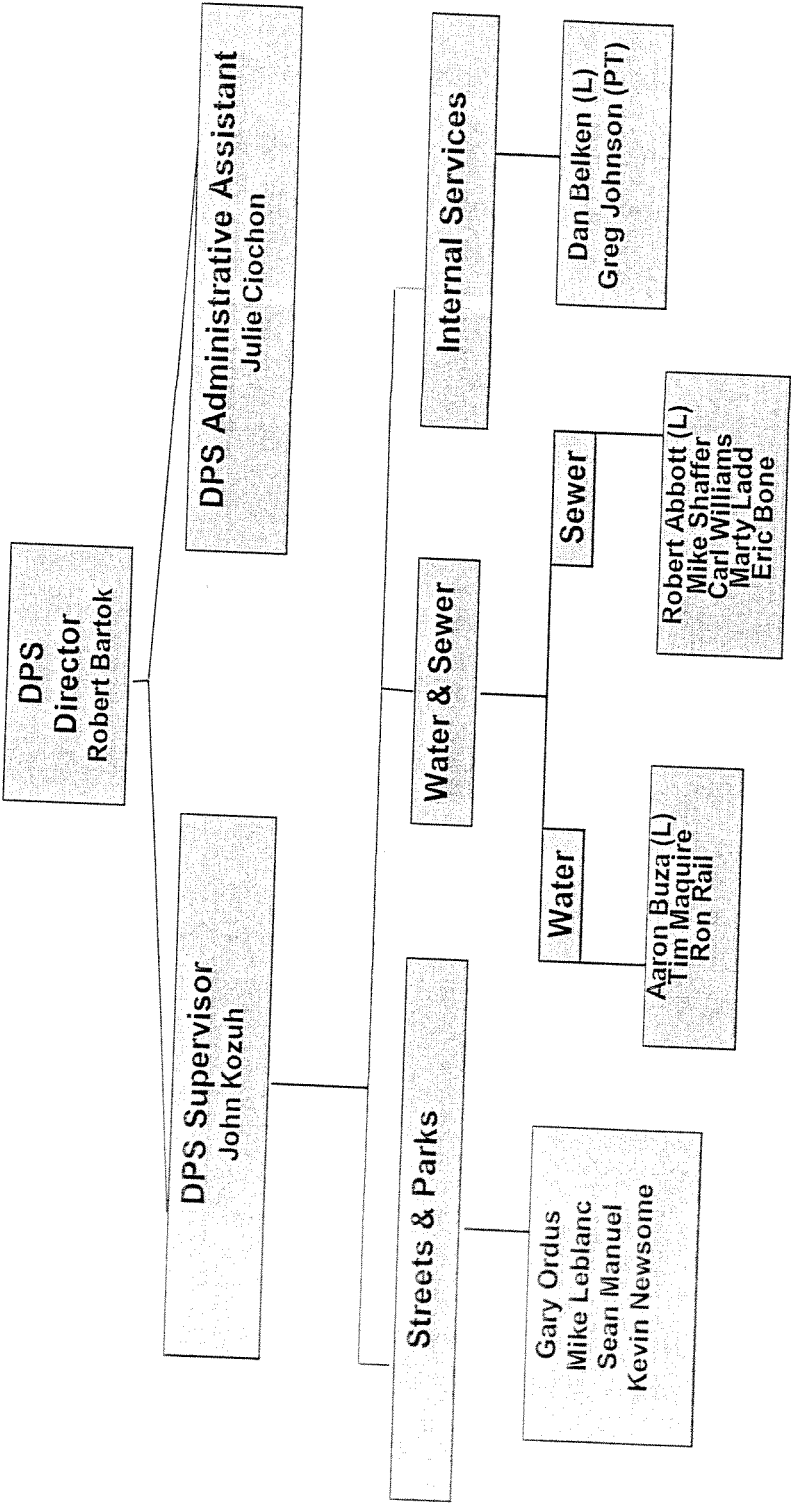


2014 City of Lincoln Park Vehicle/Equipment List

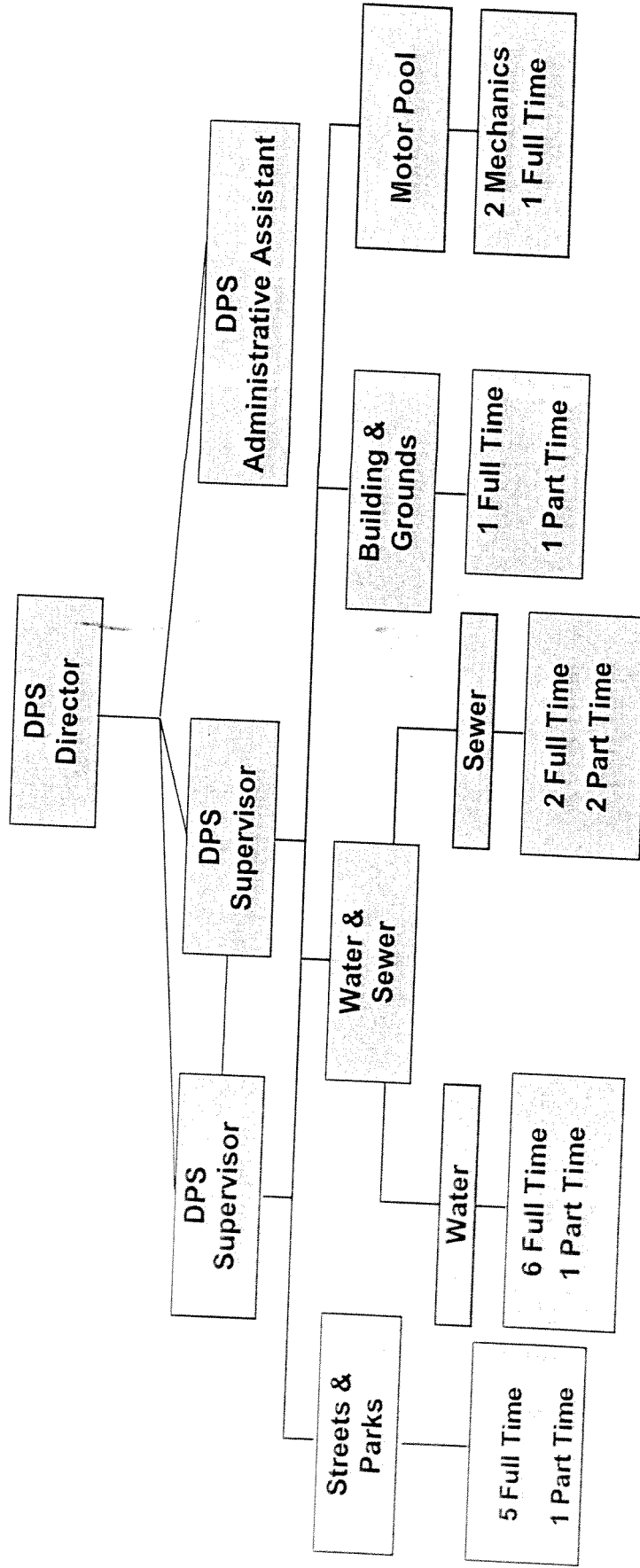
| Vehicle Number | Description                          | Vin/Serial/Plate             | Assigned or Located | Condition (1-10) |
|----------------|--------------------------------------|------------------------------|---------------------|------------------|
| 4-11A          | 1982 Plymouth Fury<br>"Radio Active" | 2P3BB26N1CR123592<br>93X859  | PD                  | 5                |
| 4-12           | 2008 Ford Crown Victoria             | 2FAFP71V48X126390<br>036X384 | PD                  | 4                |
| 4-13           | 2011 Ford Crown Victoria             | 2FABP7BV0BX169046<br>036X358 | PD                  | 8                |
| 4-14           | 2010 Ford Crown Victoria V8          | 2FABP7BV8AX123401<br>036X328 | PD                  | 7                |
| 4-15           | 2010 Ford Crown Victoria V8          | 2FABP7BV1AX123403<br>036X387 | PD                  | 5                |
| 4-16           | 2009 Ford Crown Victoria             | 2FAHP71V99X112978<br>036X377 | PD                  | 4                |
| 4-17           | 2004 Ford Crown Victoria             | 2FAFP71W34X129384            | PD                  | 5                |
| 4-18           | 2003 Ford Crown Victoria             | 2FAFP71W33X107010            | PD                  | 4                |
| 4-22           | 2005 Ford Crown Victoria             | 2FAFP71W35X178128<br>036X341 | PD                  | 3                |
| 4-24           | 2011 Ford Crown Victoria             | 2FABP7BY9BX169045<br>036X338 | PD                  | 5                |
| 4-25           | 2008 Ford Crown Victoria             | 2FAFP71V48X130357<br>036X343 | PD                  | 5                |
| 4-31           | 2001 Ford F150 Pickup                | 1FTRX17W11NB94982            | PD-Ordinance        | 3                |
| 4-9            | 2014 Dodge Charger                   | 2C3CDXAT9EH212390            | PD                  | 10               |



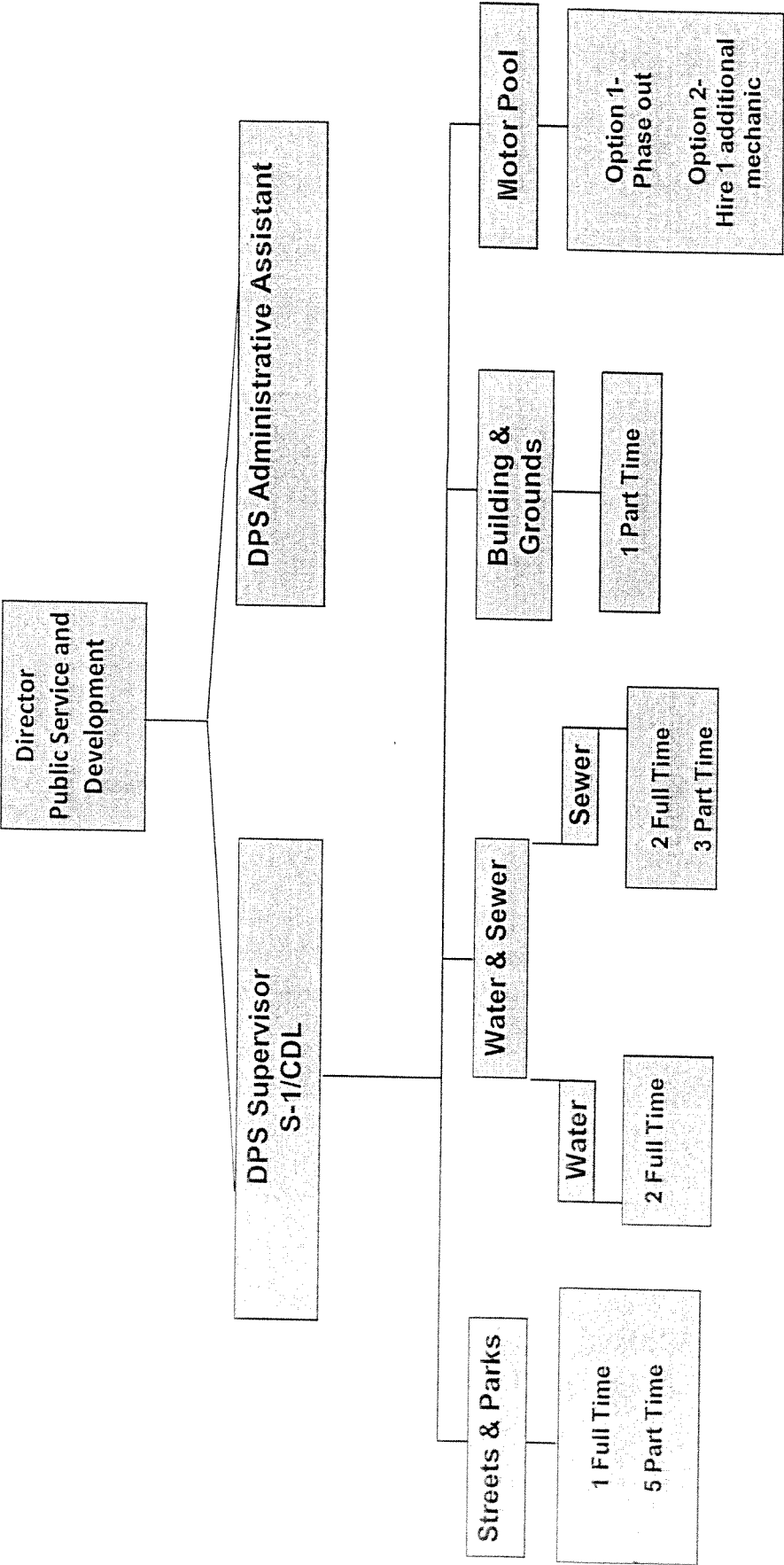
Current Structure



# Proposed Rebuilding of Public Service Department



Proposed Structure for Contracting Out Public Service Department





*City of Lincoln Park*  
**Department of Public Services  
& Engineering**

500 Southfield Rd.  
Lincoln Park, MI 48146  
(313) 386-9000 ext. 226

**TO:** Brad Coulter, Emergency Manager  
**FROM:** Robert J. Bartok, Director of Public Services  
**DATE:** September 23, 2014  
**RE:** Strategic Plan – Department of Public Services

The following are areas that need to be considered in order for the Department of Public Services to be an effective and efficient part of City operations. This Strategic Plan will be broke down into three sections: 1) Long & short term Capital Projects for Infrastructure. 2) Short-term Maintenance & Routine Projects. 3) Department Organizational Structure.

Each section will provide an item as well as a rough estimate of cost in order to complete that item (if applicable). Once a decision is made, then a more in-depth analysis will have to be performed to determine implementation of those selected items.

CAPITAL IMPROVEMENT PROJECTS (Short & Long Term)

Accompanying this memo is a breakdown of Capital Improvement Projects (C.I.P.'s) as well as estimated costs for roads, water and sewer. From the lists, a decision can be made as to what work should be performed as well as deriving a budget.

SHORT-TERM MAINTENANCE & ROUTINE PROJECTS

The following list includes maintenance & routine projects that need to be addressed within this budget year.

- 1) Miscellaneous concrete (\$22,569)
- 2) Hydrant winterization & maintenance (\$6-7,000 to contract out)
- 3) Closing Parks (n/a)
- 4) Building winterization (n/a)
- 5) Leaf collection (n/a)
- 6) Snow Plowing (TBD)
- 7) Watermain Breaks (TBD)
- 8) Salt Dome – Repair or Replace ( \$30,000 – \$130,000)



*City of Lincoln Park*  
*Department of Public Services*  
*& Engineering*

500 Southfield Rd.  
Lincoln Park, MI 48146  
(313) 386-9000 ext. 226

The following are optional items depending on how the Department proceeds from this point and should be planned and implemented over the next few months.

- 1) Snowplowing
- 2) Street sweeping & leaf collection
- 3) Annual Road Maintenance Program (\$150,000 - \$200,00 yrly)
- 4) Annual Valve maintenance/repair program (\$100,000 yr for 6 years)
- 5) Continue developing G.I.S. Program (\$25,000 future costs)
- 6) Develop "Parks Rejuvenating" Program (\$75,000 yr)
- 7) Develop Sewer cleaning & televising program
- 8) Aggressive Storm sewer cleaning and repair program
- 9) Lift/Pump Station electrical & instrumentation RFP (\$150,000)
- 10) Hydrant replacement program (\$30,000 yrly)
- 11) Meter testing program
- 12) Building Rehab Program (\$100,000 yrly)
- 13) Building & Grounds RFP
- 14) Motorpool Re-organization
- 15) Equipment Purchase/Auction Plan

DEPARTMENT ORGANIZATIONAL STRUCTURE

Included in this memo is a current list of employees and Organizational chart. In addition, there is an organizational chart that displays the rebuilding of the Department and one that shows it if we were to contract out a majority of services. A further analysis will have to be developed to include a feasibility study as well as a cost-benefit analysis for each alternative.

# SUMMARY OF ROADS FOR CONCRETE SECTIONING

## CITY OF LINCOLN PARK

### Updated September 11, 2014

| Street         | From                    | To                             | Length (ft) | Length (m) | Surface Type | Surface Rating | Cost Per LF (\$) | Total Cost (\$) |
|----------------|-------------------------|--------------------------------|-------------|------------|--------------|----------------|------------------|-----------------|
| Abbott Ave     | LeBlanc Ave             | Michigan Ave                   | 300.96      | 0.057      | Concrete     | 7              | \$ 50.00         | \$ 15,048.00    |
| Abbott Ave     | Michigan Ave            | Moran Ave                      | 311.52      | 0.059      | Concrete     | 7              | \$ 50.00         | \$ 15,576.00    |
| Abbott Ave     | Moran Ave               | River Bank Ave                 | 295.68      | 0.056      | Concrete     | 7              | \$ 50.00         | \$ 14,784.00    |
| Applewood Ave  | Emmons Ave              | Myron Ave                      | 258.72      | 0.049      | Concrete     | 7              | \$ 50.00         | \$ 12,936.00    |
| Arlington Ave  | Stewart Ave             | Capitol Ave                    | 427.68      | 0.081      | Concrete     | 7              | \$ 50.00         | \$ 21,384.00    |
| Brest Ave      | Howard St               | Lafayette Blvd                 | 675.84      | 0.128      | Concrete     | 7              | \$ 50.00         | \$ 33,792.00    |
| Brest Ave      | Longtin Ave             | Brest Ave - Surface Change     | 371.36      | 0.062      | Concrete     | 7              | \$ 50.00         | \$ 18,576.00    |
| Brest Ave      | Burns Ave               | Abbott Ave                     | 427.68      | 0.081      | Concrete     | 7              | \$ 50.00         | \$ 21,384.00    |
| Brest Ave      | Abbott Ave              | James Ave                      | 237.6       | 0.045      | Concrete     | 7              | \$ 50.00         | \$ 11,880.00    |
| Brest Ave      | Brouseville Ave         | High St                        | 300.96      | 0.057      | Concrete     | 7              | \$ 50.00         | \$ 15,048.00    |
| Brest Ave      | Howard Ave              | Duplex Ave                     | 258.72      | 0.049      | Concrete     | 7              | \$ 50.00         | \$ 12,936.00    |
| Brest Ave      | Duplex Ave              | Lafayette St                   | 269.28      | 0.051      | Concrete     | 7              | \$ 50.00         | \$ 13,464.00    |
| Brest Ave      | Lafayette St            | Barberry Ave                   | 142.56      | 0.023      | Concrete     | 7              | \$ 50.00         | \$ 7,128.00     |
| Buckingham Ave | Richmond Ave            | Hubbard Ave                    | 121.44      | 0.023      | Concrete     | 7              | \$ 50.00         | \$ 7,128.00     |
| Calvin Ave     | Bailey Ave              | Dead End                       | 147.84      | 0.028      | Concrete     | 7              | \$ 50.00         | \$ 7,392.00     |
| Champaign Rd   | Elliot Ave              | River Dr                       | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Chandler Ave   | London Ave              | Capitol Ave                    | 612.48      | 0.116      | Concrete     | 7              | \$ 50.00         | \$ 30,624.00    |
| Chandler Ave   | Capitol Ave             | Mayflower Ave                  | 274.56      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Chandler Ave   | Mill St                 | Cleveland Ave                  | 279.84      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Chandler Ave   | Garfield Ave            | White Ave                      | 295.68      | 0.056      | Concrete     | 7              | \$ 50.00         | \$ 14,784.00    |
| Cicotte Ave    | White Ave               | Park Ave                       | 295.68      | 0.056      | Concrete     | 7              | \$ 50.00         | \$ 14,784.00    |
| Cleophas Pkwy  | Dead End                | Leclune Ave                    | 168.96      | 0.032      | Concrete     | 7              | \$ 50.00         | \$ 8,448.00     |
| College Ave    | Lafayette Blvd          | Cleophas Pkwy - Surface Change | 691.68      | 0.131      | Concrete     | 7              | \$ 50.00         | \$ 34,584.00    |
| College Ave    | Porter Ave              | Porter Ave                     | 237.6       | 0.045      | Concrete     | 7              | \$ 50.00         | \$ 11,880.00    |
| Council Ave    | Dead End                | Dix Ave                        | 1013.76     | 0.192      | Concrete     | 7              | \$ 50.00         | \$ 50,688.00    |
| Detroit Ave    | Dix Ave                 | Porter Ave                     | 237.6       | 0.045      | Concrete     | 7              | \$ 50.00         | \$ 11,880.00    |
| Elliot Ave     | Champaign Rd            | Rose Ave                       | 89.76       | 0.017      | Concrete     | 7              | \$ 50.00         | \$ 4,488.00     |
| Elliot Ave     | Lincoln Blvd            | Garfield Ave                   | 258.72      | 0.049      | Concrete     | 7              | \$ 50.00         | \$ 12,936.00    |
| Emmons Blvd    | Cleophas Pkwy           | Southfield Rd                  | 300.96      | 0.057      | Concrete     | 7              | \$ 50.00         | \$ 15,048.00    |
| Emmons Blvd    | Winchester Ave          | Emmons Blvd - surface Change   | 279.84      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Ferris Ave     | Montie Rd               | Dead End                       | 823.68      | 0.156      | Concrete     | 7              | \$ 50.00         | \$ 41,184.00    |
| Ferris Ave     | Stewart Ave             | Ford Blvd                      | 406.56      | 0.077      | Concrete     | 7              | \$ 50.00         | \$ 20,328.00    |
| Ferris Ave     | Saint Johns Blvd        | Merrill Ave                    | 279.84      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Ferris Ave     | Emmons Blvd             | Winchester Ave                 | 364.32      | 0.069      | Concrete     | 7              | \$ 50.00         | \$ 18,216.00    |
| Ford Blvd      | Buckingham Ave          | Pagel Ave                      | 306.24      | 0.058      | Concrete     | 7              | \$ 50.00         | \$ 15,312.00    |
| Ford Blvd      | Ford Line Rd & Ford Ave | Helen Ave                      | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Ford Blvd      | Helen Ave               | Irene Ave                      | 285.12      | 0.054      | Concrete     | 7              | \$ 50.00         | \$ 14,256.00    |
| Ford Line Rd   | Agnes Ave               | Longtin Ave                    | 269.28      | 0.051      | Concrete     | 7              | \$ 50.00         | \$ 13,464.00    |
| Frank Ave      | Cicotte Ave             | Ford Blvd & Ford Ave           | 279.84      | 0.053      | Concrete     | 7              | \$ 50.00         | \$ 13,992.00    |
| Gohl Rd        | Ford Blvd               | Hanford Ave                    | 332.64      | 0.063      | Concrete     | 7              | \$ 50.00         | \$ 16,632.00    |
| Gohl Rd        | Moran Ave               | LeBlanc Ave                    | 274.56      | 0.052      | Concrete     | 7              | \$ 50.00         | \$ 13,728.00    |
| Hamilton Ave   | River Bank Ave          | River Bank Ave                 | 327.36      | 0.062      | Concrete     | 7              | \$ 50.00         | \$ 16,368.00    |
| Hamover Ave    | Raupp Pl                | Highland Ave                   | 306.24      | 0.058      | Concrete     | 7              | \$ 50.00         | \$ 15,312.00    |
| Hamover Ave    | Dead End                | Dix Ave                        | 285.12      | 0.054      | Concrete     | 7              | \$ 50.00         | \$ 14,256.00    |
| Hamover Ave    | Dead End                | Dead End                       | 322.08      | 0.061      | Concrete     | 7              | \$ 50.00         | \$ 16,104.00    |
| Hamover Ave    | Dead End                | Dead End                       | 47.52       | 0.009      | Concrete     | 7              | \$ 50.00         | \$ 2,376.00     |



|                  |                              |                               |         |       |          |   |          |              |
|------------------|------------------------------|-------------------------------|---------|-------|----------|---|----------|--------------|
| Hanover Ave      | Porter Ave                   | Hanover Ave                   | 369.6   | 0.07  | Concrete | 7 | \$ 50.00 | \$ 18,480.00 |
| Hartwick Hwy     | Minnie Ave                   | Dead End                      | 480.48  | 0.091 | Concrete | 7 | \$ 50.00 | \$ 24,024.00 |
| Hazel Ave        | New York Ave                 | Liberty Ave                   | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Helen Ave        | Brest Ave                    | Old Goddard Rd                | 828.96  | 0.157 | Concrete | 7 | \$ 50.00 | \$ 41,448.00 |
| Helen Ave        | Liberty Ave                  | Gregory Ave                   | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00 |
| Helen Ave        | Page Ave                     | Malina Ave                    | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00 |
| Helen Ave        | Brest Ave                    | Old Goddard Rd                | 876.48  | 0.166 | Concrete | 7 | \$ 50.00 | \$ 43,824.00 |
| Helen Ave        | Brest Ave                    | Old Goddard Rd                | 1246.08 | 0.236 | Concrete | 7 | \$ 50.00 | \$ 62,304.00 |
| Howard Ave       | Emmons Ave                   | Winchester Ave                | 253.44  | 0.048 | Concrete | 7 | \$ 50.00 | \$ 12,408.00 |
| Howard Ave       | Myron Ave                    | Dead End                      | 248.16  | 0.047 | Concrete | 7 | \$ 50.00 | \$ 12,408.00 |
| Kaler Ave        | Council Ave                  | Porter Ave                    | 158.4   | 0.03  | Concrete | 7 | \$ 50.00 | \$ 11,880.00 |
| Keppen Blvd      | Dead End                     | Porter Ave                    | 237.6   | 0.045 | Concrete | 7 | \$ 50.00 | \$ 11,880.00 |
| Keppen Blvd      | Dix Ave                      | Frank Ave                     | 892.32  | 0.169 | Concrete | 7 | \$ 50.00 | \$ 44,616.00 |
| Kings Hwy        | Frank Ave                    | City/Twp Line                 | 121.44  | 0.023 | Concrete | 7 | \$ 50.00 | \$ 6,072.00  |
| Lafayette Blvd   | Myron Ave                    | Abbott Ave                    | 871.2   | 0.165 | Concrete | 7 | \$ 50.00 | \$ 43,560.00 |
| Lafayette Blvd   | College Ave                  | Morris Ave                    | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Lafayette Blvd   | Morris Ave                   | Reo Ave                       | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Lafayette Blvd   | Demean Ave                   | Montie Rd                     | 147.84  | 0.028 | Concrete | 7 | \$ 50.00 | \$ 7,392.00  |
| Leblanc Ave      | Ford Line Rd                 | Abbott Ave                    | 828.96  | 0.157 | Concrete | 7 | \$ 50.00 | \$ 41,448.00 |
| Malina Ave       | Porter Ave                   | Helen Ave                     | 654.72  | 0.124 | Concrete | 7 | \$ 50.00 | \$ 32,736.00 |
| Malina Ave       | Richmond Ave                 | Helen Ave                     | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00 |
| McLain Ave       | Helen Ave                    | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | \$ 50.00 | \$ 29,832.00 |
| Meyer Ct         | Riopelle Ave                 | City/Twp Line                 | 264     | 0.05  | Concrete | 7 | \$ 50.00 | \$ 13,200.00 |
| Michigan Ave     | Richmond Ave                 | Hazel Ave                     | 691.68  | 0.131 | Concrete | 7 | \$ 50.00 | \$ 34,584.00 |
| Montie Rd        | Michigan Blvd & Ford Line Rd | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | \$ 50.00 | \$ 41,448.00 |
| Morris Ave       | Frank Ave                    | City/Twp Line                 | 121.44  | 0.023 | Concrete | 7 | \$ 50.00 | \$ 6,072.00  |
| Myron Ave        | Dead End                     | Porter Ave                    | 232.32  | 0.044 | Concrete | 7 | \$ 50.00 | \$ 11,616.00 |
| New York Ave     | Abbott Ave                   | Howard Ave                    | 786.72  | 0.149 | Concrete | 7 | \$ 50.00 | \$ 39,336.00 |
| New York Ave     | Helen Ave                    | New York Ave - Surface Change | 52.8    | 0.01  | Concrete | 7 | \$ 50.00 | \$ 2,640.00  |
| Old Goddard Rd   | Dix Ave                      | Coolidge Ave                  | 337.92  | 0.064 | Concrete | 7 | \$ 50.00 | \$ 16,896.00 |
| Pagel Ave        | Helen Ave                    | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | \$ 50.00 | \$ 29,832.00 |
| Pagel Ave        | Hazel Ave - Surface Change   | Electric Ave                  | 58.08   | 0.011 | Concrete | 7 | \$ 50.00 | \$ 2,904.00  |
| Park Ave         | River Dr                     | Applewood Ave                 | 1230.24 | 0.024 | Concrete | 7 | \$ 50.00 | \$ 6,336.00  |
| Pennsylvania Ave | Reo Ave                      | City/Twp Line                 | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Philomene Blvd   | Riopelle Ave                 | Demean Ave                    | 142.56  | 0.027 | Concrete | 7 | \$ 50.00 | \$ 7,128.00  |
| Philomene Blvd   | Lafayette Blvd               | Howard St                     | 723.36  | 0.137 | Concrete | 7 | \$ 50.00 | \$ 36,168.00 |
| Pingree Ave      | Electric Ave & Merrill Ave   | Capitol Ave                   | 348.48  | 0.066 | Concrete | 7 | \$ 50.00 | \$ 17,424.00 |
| Pingree Ave      | Mayflower Ave                | Detroit Ave                   | 269.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00 |
| Pingree Ave      | Detroit Ave                  | Champaign Rd                  | 390.72  | 0.074 | Concrete | 7 | \$ 50.00 | \$ 19,536.00 |
| Pingree Ave      | Champaign Rd                 | Farnham Ave                   | 258.12  | 0.049 | Concrete | 7 | \$ 50.00 | \$ 12,936.00 |
| Pingree Ave      | Farnham Ave                  | Mill St                       | 264     | 0.05  | Concrete | 7 | \$ 50.00 | \$ 13,200.00 |
| Pingree Ave      | Cleveland Ave                | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 7 | \$ 50.00 | \$ 15,048.00 |
| Pingree Ave      | Garfield Ave                 | White Ave                     | 300.96  | 0.057 | Concrete | 7 | \$ 50.00 | \$ 15,048.00 |
| Porter Ave       | Arlington Ave                | Warwick Ave                   | 269.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00 |
| Porter Ave       | Warwick Ave                  | O'Connor Ave                  | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Porter Ave       | O'Connor Ave                 | Fucild Ave                    | 274.56  | 0.052 | Concrete | 7 | \$ 50.00 | \$ 13,728.00 |
| Porter Ave       | Fucild Ave                   | Russell Ave                   | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Porter Ave       | Russell Ave                  | Keppen Blvd                   | 279.84  | 0.053 | Concrete | 7 | \$ 50.00 | \$ 13,992.00 |
| Porter Ave       | Keppen Blvd                  | Hanford Ave                   | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00 |

|                  |                  |                  |         |       |          |   |          |               |
|------------------|------------------|------------------|---------|-------|----------|---|----------|---------------|
| Porter Ave       | Progress Ave     | Rose Ave         | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00  |
| Porter Ave       | Michigan Ave     | Moran Ave        | 311.52  | 0.059 | Concrete | 7 | \$ 50.00 | \$ 15,576.00  |
| Ramp Pl          | Hamilton Ave     | River Bank Ave   | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00  |
| Reo Ave          | Dead End         |                  | 306.24  | 0.058 | Concrete | 7 | \$ 50.00 | \$ 15,312.00  |
| Riopele Ave      | Garfield Ave     | Porter Ave       | 237.6   | 0.045 | Concrete | 7 | \$ 50.00 | \$ 11,880.00  |
| Saint Johns Blvd | Ford Line Rd     | White St         | 295.68  | 0.056 | Concrete | 7 | \$ 50.00 | \$ 14,784.00  |
| Stewart Ave      | Howard Ave       | Heleen Ave       | 285.12  | 0.054 | Concrete | 7 | \$ 50.00 | \$ 14,256.00  |
| Victoria Ave     | Marshall Ave     | Lafayette St     | 640.44  | 0.123 | Concrete | 7 | \$ 50.00 | \$ 32,472.00  |
| Wilson Ave       | Champaign Rd     | Dead End         | 147.84  | 0.028 | Concrete | 7 | \$ 50.00 | \$ 7,292.00   |
| Wilson Ave       | Mill St          | Farmham Ave      | 258.72  | 0.049 | Concrete | 7 | \$ 50.00 | \$ 12,936.00  |
| Wilson Ave       | Cleveland Ave    | Cleveland Ave    | 269.28  | 0.051 | Concrete | 7 | \$ 50.00 | \$ 13,464.00  |
| Wilson Ave       | Garfield Ave     | White Ave        | 300.96  | 0.057 | Concrete | 7 | \$ 50.00 | \$ 15,048.00  |
| Wilson Ave       | Harrison Blvd    | Cloverlawn Ave   | 353.76  | 0.067 | Concrete | 7 | \$ 50.00 | \$ 13,464.00  |
| Wilson Ave       | Cloverlawn Ave   | Saint Johns Blvd | 374.88  | 0.071 | Concrete | 7 | \$ 50.00 | \$ 18,724.00  |
| Wilson Ave       | Saint Johns Blvd | Ford Blvd        | 359.04  | 0.068 | Concrete | 7 | \$ 50.00 | \$ 17,952.00  |
| Wilson Ave       | Leblanc Ave      | Leblanc Ave      | 327.36  | 0.062 | Concrete | 7 | \$ 50.00 | \$ 16,368.00  |
| Wilson Ave       | Cleveland Ave    | Michigan Ave     | 306.24  | 0.058 | Concrete | 7 | \$ 50.00 | \$ 15,312.00  |
| Abbott Ave       | Stewart Ave      | Garfield Ave     | 385.44  | 0.073 | Concrete | 6 | \$ 85.00 | \$ 32,762.40  |
| Abbott Ave       | Merrill Ave      | Richmond Ave     | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,377.60  |
| Abbott Ave       | Richmond Ave     | London Ave       | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 23,377.60  |
| Abbott Ave       | Capitol Ave      | South Dr         | 279.84  | 0.053 | Concrete | 6 | \$ 85.00 | \$ 23,377.60  |
| Abbott Ave       | South Dr         | Detroit Ave      | 132     | 0.025 | Concrete | 6 | \$ 85.00 | \$ 23,786.40  |
| Abbott Ave       | Best Ave         | Old Goddard Rd   | 443.52  | 0.084 | Concrete | 6 | \$ 85.00 | \$ 11,220.00  |
| Abbott Ave       | Ford Blvd        | Leblanc Ave      | 1219.68 | 0.231 | Concrete | 6 | \$ 85.00 | \$ 37,699.20  |
| Abbott Ave       | Kings Hwy        | Emmons Ave       | 353.76  | 0.067 | Concrete | 6 | \$ 85.00 | \$ 103,672.80 |
| Agnes Ave        | Myron Ave        | Winchester Ave   | 380.16  | 0.072 | Concrete | 6 | \$ 85.00 | \$ 30,009.60  |
| Agnes Ave        | Ford Blvd        | Saint Johns Blvd | 248.16  | 0.047 | Concrete | 6 | \$ 85.00 | \$ 32,313.60  |
| Agnes Ave        | Saint Johns Blvd | Dead End         | 385.44  | 0.073 | Concrete | 6 | \$ 85.00 | \$ 21,093.60  |
| Anne Ave         | Best Ave         | Old Goddard Rd   | 132     | 0.025 | Concrete | 6 | \$ 85.00 | \$ 32,762.40  |
| Anne Ave         | Fort Park Blvd   | Lafayette Blvd   | 839.52  | 0.159 | Concrete | 6 | \$ 85.00 | \$ 11,220.00  |
| Applewood Ave    | Lafayette Blvd   | Howard St        | 897.6   | 0.117 | Concrete | 6 | \$ 85.00 | \$ 71,349.20  |
| Applewood Ave    | Southfield Rd    | O'Connor Ave     | 675.84  | 0.128 | Concrete | 6 | \$ 85.00 | \$ 76,296.00  |
| Applewood Ave    | O'Connor Ave     | Russell Ave      | 332.64  | 0.063 | Concrete | 6 | \$ 85.00 | \$ 57,446.40  |
| Applewood Ave    | Russell Ave      | Cicotte Ave      | 723.36  | 0.137 | Concrete | 6 | \$ 85.00 | \$ 28,274.40  |
| Applewood Ave    | Cicotte Ave      | Monte Rd         | 660     | 0.125 | Concrete | 6 | \$ 85.00 | \$ 61,485.60  |
| Applewood Ave    | Capitol Ave      | Mayflower Ave    | 628.32  | 0.119 | Concrete | 6 | \$ 85.00 | \$ 56,100.00  |
| Best Ave         | Ford Line Rd     | Stewart Ave      | 264     | 0.05  | Concrete | 6 | \$ 85.00 | \$ 53,407.20  |
| Best Ave         | Heleen Ave       | Heleen Ave       | 274.56  | 0.052 | Concrete | 6 | \$ 85.00 | \$ 22,440.00  |
| Best Ave         | Hazel Ave        | Agnes Ave        | 295.68  | 0.056 | Concrete | 6 | \$ 85.00 | \$ 23,377.60  |
| Best Ave         | James Ave        | Brouseville Ave  | 269.28  | 0.051 | Concrete | 6 | \$ 85.00 | \$ 25,132.80  |
| Best Ave         | High St          | Howard Ave       | 269.28  | 0.051 | Concrete | 6 | \$ 85.00 | \$ 22,888.80  |
| Best Ave         | Hubbard Ave      | Howard Ave       | 52.8    | 0.01  | Concrete | 6 | \$ 85.00 | \$ 22,888.80  |
| Best Ave         | Hubbard Ave      | Howard Ave       | 316.8   | 0.06  | Concrete | 6 | \$ 85.00 | \$ 4,488.00   |
| Calvin Ave       | Drouillard Ave   | Fort St          | 264     | 0.05  | Concrete | 6 | \$ 85.00 | \$ 26,978.00  |
| Capitol Ave      | Wayne St         | Bailey Ave       | 168.96  | 0.032 | Concrete | 6 | \$ 85.00 | \$ 22,440.00  |
| Champaign Rd     | Pimpree Ave      | Electric Ave     | 633.6   | 0.12  | Concrete | 6 | \$ 85.00 | \$ 14,361.00  |
| Champaign Rd     | Ferris Ave       | Wilson Ave       | 311.52  | 0.059 | Concrete | 6 | \$ 85.00 | \$ 53,856.00  |
| Chandler Ave     | Applewood Ave    | Elliott Ave      | 617.76  | 0.117 | Concrete | 6 | \$ 85.00 | \$ 26,479.20  |
| Chandler Ave     | Outer Dr         | Attribute Change | 617.76  | 0.117 | Concrete | 6 | \$ 85.00 | \$ 52,509.60  |
| Chandler Ave     | Attribute Change | Dead End         | 200.64  | 0.038 | Concrete | 6 | \$ 85.00 | \$ 17,054.40  |
| Chandler Ave     | Dead End         | Porter Ave       | 448.8   | 0.085 | Concrete | 6 | \$ 85.00 | \$ 38,148.00  |
| Chandler Ave     | Dead End         | Porter Ave       | 237.6   | 0.045 | Concrete | 6 | \$ 85.00 | \$ 20,196.00  |

|                |                              |                         |         |       |          |   |    |       |    |            |
|----------------|------------------------------|-------------------------|---------|-------|----------|---|----|-------|----|------------|
| Charter Ave    | Porter Ave                   | Dix Ave                 | 1045.44 | 0.198 | Concrete | 6 | \$ | 85.00 | \$ | 88,662.40  |
| Cicotte Ave    | Dix Ave                      | Frank Ave               | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20  |
| Cicotte Ave    | Frank Ave                    | City/Twp Line           | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20  |
| Cicotte Ave    | Wilson Ave                   | City/Twp Line           | 121.44  | 0.023 | Concrete | 6 | \$ | 85.00 | \$ | 10,322.40  |
| Cicotte Ave    | Leleune Ave                  | Marion Ave              | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00 | \$ | 24,684.00  |
| Cleophus Pkwy  | Porter St                    | Applewood Ave           | 359.04  | 0.068 | Concrete | 6 | \$ | 85.00 | \$ | 30,518.40  |
| Cleophus Pkwy  | Dead End                     | Dead End                | 422.68  | 0.081 | Concrete | 6 | \$ | 85.00 | \$ | 36,352.80  |
| Cleophus Pkwy  | Riopelle Ave                 | City/Twp Line           | 174.24  | 0.033 | Concrete | 6 | \$ | 85.00 | \$ | 14,810.40  |
| Cleophus Pkwy  | Dead End                     | Dix Ave                 | 137.28  | 0.026 | Concrete | 6 | \$ | 85.00 | \$ | 11,668.80  |
| Cleveland Ave  | Porter St                    | Elliott Ave             | 190.08  | 0.036 | Concrete | 6 | \$ | 85.00 | \$ | 16,156.80  |
| Cleveland Ave  | Riopelle Ave                 | City/Twp Line           | 913.44  | 0.173 | Concrete | 6 | \$ | 85.00 | \$ | 77,662.40  |
| Cleveland Ave  | Howard St                    | Mill St & Lincoln Ave   | 168.96  | 0.032 | Concrete | 6 | \$ | 85.00 | \$ | 14,361.60  |
| Cleveland Ave  | Elliott Ave                  | Applewood Ave           | 448.8   | 0.085 | Concrete | 6 | \$ | 85.00 | \$ | 38,148.00  |
| Cleveland Ave  | Applewood Ave                | Pingree Ave             | 623.04  | 0.11  | Concrete | 6 | \$ | 85.00 | \$ | 49,368.00  |
| Cleveland Ave  | Pingree Ave                  | Washington Ave          | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 52,558.40  |
| Cloverlawn Ave | Ferris Ave                   | Wilson Ave              | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20  |
| Cloverlawn Ave | Wilson Ave                   | Gohl Rd                 | 850.08  | 0.161 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20  |
| College Ave    | Dix Ave                      | Frank Ave               | 665.28  | 0.126 | Concrete | 6 | \$ | 85.00 | \$ | 72,568.80  |
| Coollidge Ave  | Saint Johns Blvd             | Dead End                | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 56,548.80  |
| Coollidge Ave  | Brest Ave                    | Old Goddard Rd          | 163.68  | 0.031 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20  |
| Council Ave    | Porter Ave                   | Dix Ave                 | 992.64  | 0.188 | Concrete | 6 | \$ | 85.00 | \$ | 84,374.40  |
| Council Ave    | Green Ave                    | Mayflower Ave           | 1013.76 | 0.192 | Concrete | 6 | \$ | 85.00 | \$ | 86,169.60  |
| Detroit Ave    | Wayne St                     | Bailey Ave              | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40  |
| Detroit Ave    | Rose Ave                     | Dead End                | 871.2   | 0.121 | Concrete | 6 | \$ | 85.00 | \$ | 54,304.80  |
| Detroit Ave    | Elliott Ave                  | Porter Ave              | 522.72  | 0.165 | Concrete | 6 | \$ | 85.00 | \$ | 74,052.00  |
| Detroit Ave    | Hamilton Ave                 | River Dr                | 596.64  | 0.099 | Concrete | 6 | \$ | 85.00 | \$ | 44,331.20  |
| Detroit Ave    | Brest Ave                    | Olive Ave               | 52.8    | 0.113 | Concrete | 6 | \$ | 85.00 | \$ | 50,114.40  |
| Duplex Ave     | Cicotte Ave                  | Old Goddard Rd          | 1272.48 | 0.241 | Concrete | 6 | \$ | 85.00 | \$ | 4,788.00   |
| Electric Ave   | Capitol Ave                  | Monte Rd                | 1135.2  | 0.215 | Concrete | 6 | \$ | 85.00 | \$ | 108,160.80 |
| Electric Ave   | Detroit Ave                  | Mayflower Ave           | 348.48  | 0.066 | Concrete | 6 | \$ | 85.00 | \$ | 96,492.00  |
| Electric Ave   | White Ave                    | Park Ave                | 232.32  | 0.044 | Concrete | 6 | \$ | 85.00 | \$ | 29,620.80  |
| Electric Ave   | White Ave                    | Park Ave                | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 19,747.20  |
| Electric Ave   | Pagel Ave                    | Merrill Ave             | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Electric Ave   | Highland Ave                 | Kings Hwy               | 623.04  | 0.118 | Concrete | 6 | \$ | 85.00 | \$ | 52,958.40  |
| Electric Ave   | Liberty Ave & Buckingham Ave | Emmons Blvd             | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20  |
| Electric Ave   | Winchester Ave               | Pagel Ave               | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Electric Ave   | Liberty Ave                  | New York Ave            | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00  |
| Electric Ave   | Capitol Ave                  | Mayflower Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Electric Ave   | Farnham Ave                  | Mill St                 | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00  |
| Electric Ave   | Mill St                      | Cleveland Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Electric Ave   | Elliott Ave                  | Lincoln Blvd            | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |
| Electric Ave   | Garfield Ave                 | White Ave               | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60  |
| Emmons Blvd    | N Shore Dr & Shore Dr        | Riverside Dr & North Dr | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80  |

|              |                      |                                   |         |       |          |   |    |       |    |           |
|--------------|----------------------|-----------------------------------|---------|-------|----------|---|----|-------|----|-----------|
| Ferris Ave   | Progress Ave         | Champaign Rd                      | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ferris Ave   | Champaign Rd         | Farnham Ave                       | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Ferris Ave   | Farnham Ave          | Mill St                           | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Ferris Ave   | Merrill Ave          | London Ave                        | 374.88  | 0.071 | Concrete | 6 | \$ | 85.00 | \$ | 31,864.80 |
| Ferris Ave   | London Ave           | Capitol Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ferris Ave   | Cloverlawn Ave       | Saint Johns Blvd                  | 364.32  | 0.069 | Concrete | 6 | \$ | 85.00 | \$ | 30,967.20 |
| Ferris Ave   | Ford Blvd            | LeBlanc Ave                       | 327.36  | 0.062 | Concrete | 6 | \$ | 85.00 | \$ | 27,825.60 |
| Ferris Ave   | LeBlanc Ave          | Michigan Ave                      | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00 |
| Ferris Ave   | Michigan Ave         | Moran Ave                         | 311.52  | 0.059 | Concrete | 6 | \$ | 85.00 | \$ | 26,479.20 |
| Ferris Ave   | Moran Ave            | River Bank Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40 |
| Ferris Ave   | River Bank Ave       | Highland Ave                      | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00 | \$ | 24,684.00 |
| Ferris Ave   | Highland Ave         | Kings Hwy                         | 299.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80 |
| Ferris Ave   | Winchester Ave       | New York Ave                      | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Ferris Ave   | New York Ave         | Liberty Ave                       | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00 |
| Ferris Ave   | Liberty Ave          | Buckingham Ave                    | 327.36  | 0.062 | Concrete | 6 | \$ | 85.00 | \$ | 27,825.60 |
| Ferris Ave   | Pagel Ave            | Stewart Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ford Blvd    | Hazel Ave            | Hazel Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Ford Blvd    | Hazel Ave            | Agnes Ave                         | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Ford Line Rd | Brest Ave            | Old Goddard Rd                    | 913.44  | 0.173 | Concrete | 6 | \$ | 85.00 | \$ | 77,642.40 |
| Ford Line Rd | Ford Blvd & Ford Ave | LeBlanc Ave                       | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20 |
| Frank Ave    | Eucild Ave           | Dead End                          | 147.84  | 0.028 | Concrete | 6 | \$ | 85.00 | \$ | 12,566.40 |
| Frank Ave    | Morris Ave           | College Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Frank Ave    | College Ave          | Paris Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Frank Ave    | University Ave       | Cicotte Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Frank Ave    | Hanford Ave          | Keppen Blvd                       | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20 |
| Garfield Ave | Applewood Ave        | Applewood Ave                     | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 52,958.40 |
| Garfield Ave | Pingree Ave          | Washington Ave                    | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20 |
| Garfield Ave | Washington Ave       | Wilson Ave                        | 612.48  | 0.116 | Concrete | 6 | \$ | 85.00 | \$ | 52,060.80 |
| Gohl Rd      | Harrison Blvd        | Cloverlawn Ave                    | 348.48  | 0.066 | Concrete | 6 | \$ | 85.00 | \$ | 30,967.20 |
| Gohl Rd      | Cloverlawn Ave       | Saint Johns Ct & Saint Johns Blvd | 364.32  | 0.069 | Concrete | 6 | \$ | 85.00 | \$ | 29,620.80 |
| Gohl Rd      | Highland Ave         | Fort Blvd                         | 364.32  | 0.059 | Concrete | 6 | \$ | 85.00 | \$ | 30,967.20 |
| Gohl Rd      | Emmons Blvd          | Kings Hwy                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Gohl Rd      | Winchester Ave       | Winchester Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40 |
| Gohl Rd      | New York Ave         | Liberty Ave                       | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Gohl Rd      | Liberty Ave          | Buckingham Ave                    | 316.8   | 0.06  | Concrete | 6 | \$ | 85.00 | \$ | 26,928.00 |
| Gorman Ave   | Montie Rd            | Council Ave                       | 89.76   | 0.017 | Concrete | 6 | \$ | 85.00 | \$ | 7,629.60  |
| Gregory Ave  | Cicotte Ave          | Montie Rd                         | 205.92  | 0.039 | Concrete | 6 | \$ | 85.00 | \$ | 17,503.20 |
| Gregory Ave  | Porter Ave           | Abbott Ave                        | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20 |
| Gregory Ave  | Fort Park Blvd       | Howard Ave                        | 654.72  | 0.124 | Concrete | 6 | \$ | 85.00 | \$ | 55,651.20 |
| Hanford Ave  | Dead End             | Fort St                           | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 66,871.20 |
| Hanford Ave  | Porter Ave           | Porter Ave                        | 464.64  | 0.088 | Concrete | 6 | \$ | 85.00 | \$ | 39,494.40 |
| Hanford Ave  | Porter Ave           | Dix Ave                           | 227.04  | 0.043 | Concrete | 6 | \$ | 85.00 | \$ | 19,298.40 |
| Hanford Ave  | Porter Ave           | Dead End                          | 1008.48 | 0.191 | Concrete | 6 | \$ | 85.00 | \$ | 85,720.80 |
| Hanford Ave  | Lafayette Blvd       | Howard St                         | 237.6   | 0.045 | Concrete | 6 | \$ | 85.00 | \$ | 20,196.00 |
| Hazel Ave    | Malvina Ave          | Malvina Ave                       | 675.84  | 0.128 | Concrete | 6 | \$ | 85.00 | \$ | 57,446.40 |
| Hazel Ave    | Buckingham Ave       | Malvina Ave                       | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40 |
| Hazel Ave    | Liberty Ave          | Pagel Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Hazel Ave    | Gregory Ave          | Buckingham Ave                    | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Hazel Ave    | Pagel Ave            | Malvina Ave                       | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40 |
| Helen Ave    | New York Ave         | Liberty Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Helen Ave    | Gregory Ave          | Buckingham Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40 |
| Helen Ave    | Gregory Ave          | Buckingham Ave                    | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |

|                   |                               |                               |         |       |          |   |    |       |    |            |
|-------------------|-------------------------------|-------------------------------|---------|-------|----------|---|----|-------|----|------------|
| Highland Ave      | Saint Johns Blvd              | Ford Blvd                     | 374.88  | 0.071 | Concrete | 6 | \$ | 85.00 | \$ | 31,864.80  |
| Howard Ave        | Highland Ave - Surface Change | Electric Ave                  | 924     | 0.175 | Concrete | 6 | \$ | 85.00 | \$ | 78,540.00  |
| Howard Ave        | Ford Blvd                     | LeBlanc Ave                   | 353.76  | 0.067 | Concrete | 6 | \$ | 85.00 | \$ | 30,069.60  |
| Howard Ave        | LeBlanc Ave                   | Michigan Ave                  | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40  |
| Howard Ave        | Moran Ave                     | River Bank Ave                | 311.52  | 0.059 | Concrete | 6 | \$ | 85.00 | \$ | 26,479.20  |
| Howard Ave        | Gregory Ave                   | Buckingham Ave                | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80  |
| Hubbard Ave       | Best Ave                      | Old Goddard Rd                | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60  |
| Irene Ave         | Saint Johns Blvd              | Ford Blvd                     | 992.64  | 0.188 | Concrete | 6 | \$ | 85.00 | \$ | 84,374.40  |
| Irene Ave         | Best Ave                      | Old Goddard Rd                | 374.88  | 0.071 | Concrete | 6 | \$ | 85.00 | \$ | 31,864.80  |
| John A Papalas Dr | N M 39                        | Consolidated Rail Corporation | 850.08  | 0.161 | Concrete | 6 | \$ | 85.00 | \$ | 72,256.80  |
| John A Papalas Dr | Consolidated Rail Corporation | Cicotte Ave                   | 850.08  | 0.161 | Concrete | 6 | \$ | 85.00 | \$ | 72,256.80  |
| John A Papalas Dr | Cicotte Ave                   | Outer Dr                      | 2381.28 | 0.451 | Concrete | 6 | \$ | 85.00 | \$ | 202,408.80 |
| Josephine Ave     | Reo Ave                       | Montie Rd                     | 2698.08 | 0.511 | Concrete | 6 | \$ | 85.00 | \$ | 229,336.80 |
| Keppen Blvd       | Porter Ave                    | Dix Ave                       | 406.56  | 0.077 | Concrete | 6 | \$ | 85.00 | \$ | 34,557.60  |
| Keppen Blvd       | Fort Park Blvd                | Lafayette Blvd                | 1008.48 | 0.191 | Concrete | 6 | \$ | 85.00 | \$ | 85,720.80  |
| Kings Hwy         | Kings Hwy - Surface Change    | Electric Ave                  | 902.88  | 0.171 | Concrete | 6 | \$ | 85.00 | \$ | 76,744.80  |
| Lafayette Blvd    | Stewart Ave                   | Capital Ave                   | 860.64  | 0.163 | Concrete | 6 | \$ | 85.00 | \$ | 73,154.40  |
| Lafayette Blvd    | University Ave                | Paris Ave                     | 359.04  | 0.068 | Concrete | 6 | \$ | 85.00 | \$ | 30,518.40  |
| Lafayette Blvd    | Rose Ave                      | College Ave                   | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60  |
| Lafayette St      | Best Ave                      | Old Goddard Rd                | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00 | \$ | 24,684.00  |
| Lafayette St      | Old Goddard Rd                | Dead End                      | 1203.84 | 0.228 | Concrete | 6 | \$ | 85.00 | \$ | 102,326.40 |
| LeBlanc Ave       | Hazel Ave                     | Dix Ave                       | 285.12  | 0.054 | Concrete | 6 | \$ | 85.00 | \$ | 24,235.20  |
| LeBlanc Ave       | Abbot Ave                     | Howard Ave                    | 844.8   | 0.16  | Concrete | 6 | \$ | 85.00 | \$ | 71,808.00  |
| LeBlanc Ave       | Ferris Ave                    | Wilson Ave                    | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 66,871.20  |
| LeBlanc Ave       | Wilson Ave                    | Gohl Rd                       | 770.88  | 0.146 | Concrete | 6 | \$ | 85.00 | \$ | 65,924.80  |
| LeBlanc Ave       | O'Connor Ave                  | Russell Ave                   | 776.16  | 0.147 | Concrete | 6 | \$ | 85.00 | \$ | 65,973.60  |
| Liberty Ave       | Abbot Ave                     | Howard Ave                    | 718.08  | 0.136 | Concrete | 6 | \$ | 85.00 | \$ | 61,036.80  |
| Liberty Ave       | Ferris Ave                    | Wilson Ave                    | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 66,871.20  |
| Liberty Ave       | Wilson Ave                    | Gohl Rd                       | 765.6   | 0.145 | Concrete | 6 | \$ | 85.00 | \$ | 65,076.00  |
| London Ave        | Abbot Ave                     | Howard Ave                    | 781.44  | 0.148 | Concrete | 6 | \$ | 85.00 | \$ | 66,422.40  |
| London Ave        | Howard Ave                    | Lafayette St                  | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 66,871.20  |
| London Ave        | Fort St                       | Chandler Ave                  | 654.72  | 0.124 | Concrete | 6 | \$ | 85.00 | \$ | 55,651.20  |
| London Ave        | Ferris Ave                    | Wilson Ave                    | 242.88  | 0.046 | Concrete | 6 | \$ | 85.00 | \$ | 20,644.80  |
| London Ave        | Chandler Ave                  | Merrill Ave                   | 691.68  | 0.131 | Concrete | 6 | \$ | 85.00 | \$ | 58,792.80  |
| Longtin Ave       | Wilson Ave                    | Saint Johns Blvd              | 617.76  | 0.117 | Concrete | 6 | \$ | 85.00 | \$ | 52,509.60  |
| Longtin Ave       | Ford Blvd                     | Dead End                      | 908.16  | 0.172 | Concrete | 6 | \$ | 85.00 | \$ | 77,193.60  |
| Longtin Ave       | Saint Johns Blvd              | Dead End                      | 385.44  | 0.073 | Concrete | 6 | \$ | 85.00 | \$ | 32,762.40  |
| Longtin Ave       | Best Ave                      | Old Goddard Rd                | 216.48  | 0.041 | Concrete | 6 | \$ | 85.00 | \$ | 18,400.80  |
| Mark Ave          | Bailey Ave                    | Champaign Rd                  | 881.76  | 0.167 | Concrete | 6 | \$ | 85.00 | \$ | 74,949.60  |
| Mark Ave          | Porter Ave                    | Dead End                      | 628.32  | 0.119 | Concrete | 6 | \$ | 85.00 | \$ | 53,407.20  |
| Mayflower Ave     | Chandler Ave                  | Ferris Ave                    | 205.92  | 0.039 | Concrete | 6 | \$ | 85.00 | \$ | 17,503.20  |
| Mayflower Ave     | Wilson Ave                    | Electric Ave                  | 691.68  | 0.131 | Concrete | 6 | \$ | 85.00 | \$ | 58,792.80  |
| Merrill Ave       | Abbot Ave                     | Howard Ave                    | 543.84  | 0.103 | Concrete | 6 | \$ | 85.00 | \$ | 46,246.40  |
| Merrill Ave       | Howard Ave                    | Lafayette St                  | 786.72  | 0.149 | Concrete | 6 | \$ | 85.00 | \$ | 66,871.20  |
| Merrill Ave       | Fort St                       | Ferris Ave                    | 609.44  | 0.123 | Concrete | 6 | \$ | 85.00 | \$ | 55,202.40  |
| Merrill Ave       | Ferris Ave                    | Wilson Ave                    | 792     | 0.15  | Concrete | 6 | \$ | 85.00 | \$ | 67,320.00  |
| Michigan Ave      | Wilson Ave                    | London Ave                    | 654.72  | 0.124 | Concrete | 6 | \$ | 85.00 | \$ | 55,651.20  |
| Michigan Ave      | Hazel Ave                     | Dix Ave                       | 834.24  | 0.158 | Concrete | 6 | \$ | 85.00 | \$ | 70,910.40  |
| Montie Rd         | Dead End                      | Porter Ave                    | 834.24  | 0.158 | Concrete | 6 | \$ | 85.00 | \$ | 70,910.40  |
| Montie Rd         | Porter Ave                    | Dix Ave                       | 237.6   | 0.045 | Concrete | 6 | \$ | 85.00 | \$ | 20,196.00  |
| Montie Rd         | Dix Ave                       | Frank Ave                     | 1019.04 | 0.193 | Concrete | 6 | \$ | 85.00 | \$ | 86,618.40  |
| Montie Rd         | Dix Ave                       | Frank Ave                     | 887.04  | 0.168 | Concrete | 6 | \$ | 85.00 | \$ | 75,398.40  |

|                |                               |                      |                      |         |       |          |   |    |       |    |           |
|----------------|-------------------------------|----------------------|----------------------|---------|-------|----------|---|----|-------|----|-----------|
| Montie Rd      | Applewood Ave                 | Pingree Ave          | Empire Ave           | 295.68  | 0.056 | Concrete | 6 | \$ | 85.00 | \$ | 25,132.80 |
| Montie Rd      | Pingree Ave                   | Vine Ave             | City/Twp Line        | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60 |
| Moore Ave      | City/Twp Line                 | London Ave           | Dix Ave              | 422.4   | 0.088 | Concrete | 6 | \$ | 85.00 | \$ | 35,904.00 |
| Moore Ave      | Porter Ave                    | Dix Ave              | Frank Ave            | 522.72  | 0.099 | Concrete | 6 | \$ | 85.00 | \$ | 44,431.20 |
| Morris Ave     | Dix Ave                       | Winchester Ave       | Lafayette St         | 1008.48 | 0.191 | Concrete | 6 | \$ | 85.00 | \$ | 85,720.80 |
| Myron Ave      | Howard Ave                    | Winchester Ave       | Lafayette St         | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20 |
| New York Ave   | Howard Ave                    | Winchester Ave       | Lafayette St         | 839.52  | 0.159 | Concrete | 6 | \$ | 85.00 | \$ | 71,359.20 |
| New York Ave   | Richmond Ave                  | Heien Ave            | City/Twp Line        | 649.44  | 0.123 | Concrete | 6 | \$ | 85.00 | \$ | 55,202.40 |
| Ocean Ave      | Riopelle Ave                  | Dead End             | Electric Ave         | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60 |
| O'Connor Ave   | Porter Ave                    | Dead End             | Electric Ave         | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| O'Connor Ave   | O'Connor Ave - Surface Change | Electric Ave         | Electric Ave         | 237.6   | 0.045 | Concrete | 6 | \$ | 85.00 | \$ | 20,196.00 |
| Old Goddard Rd | Fort St                       | 23rd St              | 23rd St              | 52.8    | 0.01  | Concrete | 6 | \$ | 85.00 | \$ | 4,488.00  |
| Old Goddard Rd | 23rd St                       | 22nd St              | 22nd St              | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 26,030.40 |
| Old Goddard Rd | 22nd St                       | 21st St              | Ferris Ave & 20th St | 401.28  | 0.076 | Concrete | 6 | \$ | 85.00 | \$ | 34,108.80 |
| Old Goddard Rd | 21st St                       | Ferris Ave & 20th St | 19th St              | 427.68  | 0.081 | Concrete | 6 | \$ | 85.00 | \$ | 36,352.80 |
| Old Goddard Rd | Ferris Ave & 20th St          | 19th St              | 18th St              | 200.64  | 0.038 | Concrete | 6 | \$ | 85.00 | \$ | 17,054.40 |
| Old Goddard Rd | 19th St                       | 18th St              | Wilson Ave & 17th St | 322.08  | 0.061 | Concrete | 6 | \$ | 85.00 | \$ | 27,376.80 |
| Old Goddard Rd | 18th St                       | 16th St              | 15th St              | 306.24  | 0.058 | Concrete | 6 | \$ | 85.00 | \$ | 25,030.40 |
| Old Goddard Rd | Wilson Ave & 17th St          | 15th St              | 14th St              | 364.32  | 0.069 | Concrete | 6 | \$ | 85.00 | \$ | 30,967.20 |
| Old Goddard Rd | 16th St                       | 15th St              | Frank Ave            | 353.76  | 0.067 | Concrete | 6 | \$ | 85.00 | \$ | 30,069.60 |
| Olive Ave      | Dix Ave                       | Porter Ave           | Dixford Ave          | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60 |
| Pagel Ave      | Hazel Ave                     | Dead End             | Porter Ave           | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20 |
| Paris Ave      | Dead End                      | Porter Ave           | Dix Ave              | 406.56  | 0.077 | Concrete | 6 | \$ | 85.00 | \$ | 34,557.60 |
| Paris Ave      | Porter Ave                    | Dix Ave              | Frank Ave            | 828.96  | 0.157 | Concrete | 6 | \$ | 85.00 | \$ | 70,461.60 |
| Paris Ave      | Dix Ave                       | Frank Ave            | Frank Ave            | 237.6   | 0.045 | Concrete | 6 | \$ | 85.00 | \$ | 20,196.00 |
| Philomene Blvd | Abbot Ave                     | Porter St            | Porter St            | 1013.76 | 0.192 | Concrete | 6 | \$ | 85.00 | \$ | 86,169.60 |
| Philomene Blvd | Porter St                     | Dix Ave              | Dix Ave              | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20 |
| Pingree Ave    | Capitol Ave                   | Mayflower Ave        | Mayflower Ave        | 739.2   | 0.14  | Concrete | 6 | \$ | 85.00 | \$ | 62,832.00 |
| Porter Ave     | Hogier Ave                    | Hanover Ave          | Hanover Ave          | 1029.6  | 0.195 | Concrete | 6 | \$ | 85.00 | \$ | 87,516.00 |
| Porter Ave     | Hanover Ave                   | Hanover Ave          | Hanover Ave          | 264     | 0.05  | Concrete | 6 | \$ | 85.00 | \$ | 22,440.00 |
| Porter Ave     | Anne Ave                      | Arlington Ave        | Council Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Porter Ave     | Montie Rd                     | Council Ave          | Old Goddard Rd       | 279.84  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40 |
| Porter Ave     | Brest Ave                     | Progress Ave         | Stewart Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Porter Ave     | Detroit Ave                   | Stewart Ave          | Stewart Ave          | 1050.72 | 0.199 | Concrete | 6 | \$ | 85.00 | \$ | 89,311.20 |
| Porter Ave     | Pagel Ave                     | Michigan Ave         | Buckingham Ave       | 290.4   | 0.055 | Concrete | 6 | \$ | 85.00 | \$ | 24,684.00 |
| Porter Ave     | Leblanc Ave                   | Buckingham Ave       | Pagel Ave            | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 23,337.60 |
| Porter Ave     | Gregory Ave                   | Buckingham Ave       | Cleopius Pkwy        | 279.84  | 0.052 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60 |
| Porter St      | Philomene Blvd                | Cleopius Pkwy        | McLain Ave           | 300.96  | 0.053 | Concrete | 6 | \$ | 85.00 | \$ | 23,786.40 |
| Progress Ave   | Markese Ave                   | McLain Ave           | Bailey Ave           | 300.96  | 0.057 | Concrete | 6 | \$ | 85.00 | \$ | 25,581.60 |
| Progress Ave   | Wayne St                      | Bailey Ave           | Abbot Ave            | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80 |
| Progress Ave   | Porter Ave                    | Abbot Ave            | Lafayette St         | 638.88  | 0.121 | Concrete | 6 | \$ | 85.00 | \$ | 54,304.80 |
| Progress Ave   | Alper Ave                     | McLain Ave           | City/Twp Line        | 660     | 0.125 | Concrete | 6 | \$ | 85.00 | \$ | 56,100.00 |
| Regina Ave     | Dix Ave                       | City/Twp Line        | Frank Ave            | 234.44  | 0.048 | Concrete | 6 | \$ | 85.00 | \$ | 21,542.40 |
| Regina Ave     | Riopelle Ave                  | Frank Ave            | Hazel Ave            | 570.24  | 0.108 | Concrete | 6 | \$ | 85.00 | \$ | 48,470.40 |
| Regina Ave     | Dix Ave                       | Howard Ave           | Howard Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 85.00 | \$ | 22,888.80 |
| Richmond Ave   | Meyer Ct                      | Lafayette St         | Ocean Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 85.00 | \$ | 75,847.20 |
| Richmond Ave   | Howard Ave                    | Ocean Ave            | McLain Ave           | 781.44  | 0.148 | Concrete | 6 | \$ | 85.00 | \$ | 66,422.40 |
| Riopelle Ave   | Angeli Ave                    | McLain Ave           | Porter Ave           | 699.44  | 0.123 | Concrete | 6 | \$ | 85.00 | \$ | 55,202.40 |
| Riopelle Ave   | Regina Ave                    | Porter Ave           | Porter Ave           | 184.8   | 0.035 | Concrete | 6 | \$ | 85.00 | \$ | 15,708.00 |
| River Bank Ave | Dix Ave                       | Porter Ave           | Porter Ave           | 179.52  | 0.034 | Concrete | 6 | \$ | 85.00 | \$ | 15,259.20 |
|                |                               |                      |                      | 665.28  | 0.126 | Concrete | 6 | \$ | 85.00 | \$ | 56,548.80 |



|                  |                |                |         |       |          |   |           |               |
|------------------|----------------|----------------|---------|-------|----------|---|-----------|---------------|
| River Bank Ave   | Abbott Ave     | Howard Ave     | 781.44  | 0.148 | Concrete | 6 | \$ 85.00  | \$ 66,472.40  |
| River Bank Ave   | Howard Ave     | Lafayette St   | 649.44  | 0.123 | Concrete | 6 | \$ 85.00  | \$ 55,202.40  |
| River Bank Ave   | Lafayette St   | Fort St        | 918.72  | 0.174 | Concrete | 6 | \$ 85.00  | \$ 78,091.20  |
| River Ct         | Emmons Blvd    | River Dr       | 934.56  | 0.177 | Concrete | 6 | \$ 85.00  | \$ 79,437.60  |
| Rose Ave         | Bailey Ave     | Champaign Rd   | 823.68  | 0.156 | Concrete | 6 | \$ 85.00  | \$ 70,012.80  |
| Rose Ave         | Lafayette St   | Fort Park Blvd | 807.84  | 0.153 | Concrete | 6 | \$ 85.00  | \$ 68,666.40  |
| Russell Ave      | Frank Ave      | City/Twp Line  | 121.44  | 0.023 | Concrete | 6 | \$ 85.00  | \$ 24,327.40  |
| Saint Johns Blvd | Grant Ave      | Empire Ave     | 290.4   | 0.053 | Concrete | 6 | \$ 85.00  | \$ 22,684.00  |
| Saint Johns Blvd | Helen Ave      | Irene Ave      | 269.28  | 0.051 | Concrete | 6 | \$ 85.00  | \$ 22,888.80  |
| Saint Johns Blvd | Irene Ave      | Hazel Ave      | 264     | 0.05  | Concrete | 6 | \$ 85.00  | \$ 22,440.00  |
| Saint Johns Blvd | Hazel Ave      | Agnes Ave      | 274.56  | 0.052 | Concrete | 6 | \$ 85.00  | \$ 23,337.60  |
| Saint Johns Blvd | Longtin Ave    | Dix Ave        | 274.56  | 0.052 | Concrete | 6 | \$ 85.00  | \$ 23,337.60  |
| Saint Johns Blvd | Dix Ave        | Coolidge Ave   | 311.52  | 0.059 | Concrete | 6 | \$ 85.00  | \$ 26,479.20  |
| Saint Johns Blvd | Coolidge Ave   | Dead End       | 343.2   | 0.065 | Concrete | 6 | \$ 85.00  | \$ 46,226.40  |
| Stewart Ave      | Applewood Ave  | Laclete Blvd   | 543.84  | 0.103 | Concrete | 6 | \$ 85.00  | \$ 26,479.20  |
| Stewart Ave      | Laclete Blvd   | Elliott Ave    | 311.52  | 0.059 | Concrete | 6 | \$ 85.00  | \$ 26,479.20  |
| Stewart Ave      | Elliott Ave    | River Dr       | 316.8   | 0.115 | Concrete | 6 | \$ 85.00  | \$ 26,928.00  |
| Stewart Ave      | Fort St        | Ferris Ave     | 607.2   | 0.115 | Concrete | 6 | \$ 85.00  | \$ 51,612.00  |
| Stewart Ave      | Ferris Ave     | Wilson Ave     | 723.36  | 0.137 | Concrete | 6 | \$ 85.00  | \$ 61,485.60  |
| Thomas Ave       | Champaign Rd   | Riopelle Ave   | 696.96  | 0.132 | Concrete | 6 | \$ 85.00  | \$ 59,241.60  |
| University Ave   | Dead End       | Porter Ave     | 1061.28 | 0.201 | Concrete | 6 | \$ 85.00  | \$ 90,208.80  |
| University Ave   | Porter Ave     | Dix Ave        | 237.6   | 0.045 | Concrete | 6 | \$ 85.00  | \$ 20,196.00  |
| University Ave   | Frank Ave      | City/Twp Line  | 1008.48 | 0.191 | Concrete | 6 | \$ 85.00  | \$ 85,720.80  |
| University Ave   | Lafayette Blvd | Howard St      | 121.44  | 0.023 | Concrete | 6 | \$ 85.00  | \$ 10,322.40  |
| Washington Ave   | Park Ave       | Cleophas Pkwy  | 675.84  | 0.128 | Concrete | 6 | \$ 85.00  | \$ 57,446.40  |
| Washington Ave   | Cleophas Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ 85.00  | \$ 22,440.00  |
| Wayne St         | Detroit Ave    | Progress Ave   | 300.96  | 0.057 | Concrete | 6 | \$ 85.00  | \$ 25,581.60  |
| Wilson Ave       | Cleophas Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ 85.00  | \$ 22,440.00  |
| Wilson Ave       | Lincoln Blvd   | Garfield Ave   | 300.96  | 0.057 | Concrete | 6 | \$ 85.00  | \$ 25,581.60  |
| Wilson Ave       | Moran Ave      | River Bank Ave | 306.24  | 0.058 | Concrete | 6 | \$ 85.00  | \$ 26,030.40  |
| Wilson Ave       | Kings Hwy      | Emmons Blvd    | 295.68  | 0.056 | Concrete | 6 | \$ 85.00  | \$ 25,132.80  |
| Winchester Ave   | Winchester Ave | New York Ave   | 295.68  | 0.056 | Concrete | 6 | \$ 85.00  | \$ 25,132.80  |
| Winchester Ave   | Abbott Ave     | Howard Ave     | 786.72  | 0.149 | Concrete | 6 | \$ 85.00  | \$ 66,871.20  |
| Winchester Ave   | Winchester Ave | Cul-De-Sac     | 850.08  | 0.161 | Concrete | 6 | \$ 85.00  | \$ 72,256.80  |
| Winchester Ave   | Myron Ave      | Cul-De-Sac     | 158.4   | 0.03  | Concrete | 6 | \$ 85.00  | \$ 13,464.00  |
| Abbott Ave       | Garfield Ave   | White St       | 264     | 0.05  | Concrete | 5 | \$ 125.00 | \$ 33,000.00  |
| Abbott Ave       | White St       | Philomene Blvd | 216.48  | 0.041 | Concrete | 5 | \$ 125.00 | \$ 27,060.00  |
| Abbott Ave       | London Ave     | Capitol Ave    | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Abbott Ave       | Detroit Ave    | Progress Ave   | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Abbott Ave       | Progress Ave   | Rose Ave       | 253.44  | 0.048 | Concrete | 5 | \$ 125.00 | \$ 31,680.00  |
| Abbott Ave       | Buckingham Ave | Papel Ave      | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Abbott Ave       | Papel Ave      | Stewart Ave    | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Abbott Ave       | River Bank Ave | Kings Hwy      | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Abbott Ave       | Winchester Ave | New York Ave   | 300.96  | 0.057 | Concrete | 5 | \$ 125.00 | \$ 37,620.00  |
| Abbott Ave       | New York Ave   | Liberty Ave    | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Abbott Ave       | Liberty Ave    | Gregory Ave    | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Anne Ave         | Dix Ave        | Buckingham Ave | 1003.2  | 0.19  | Concrete | 5 | \$ 125.00 | \$ 125,400.00 |
| Anne Ave         | Porter Ave     | Dead End       | 237.6   | 0.045 | Concrete | 5 | \$ 125.00 | \$ 29,700.00  |
| Applewood Ave    | Detroit Ave    | Champaign Rd   | 348.48  | 0.066 | Concrete | 5 | \$ 125.00 | \$ 43,560.00  |
| Applewood Ave    | Mill St        | Cleveland Ave  | 269.28  | 0.051 | Concrete | 5 | \$ 125.00 | \$ 33,660.00  |
| Attingham Ave    | Electric Ave   | Electric Ave   | 89.76   | 0.017 | Concrete | 5 | \$ 125.00 | \$ 11,220.00  |

|                 |                                 |                               |         |       |          |   |           |   |            |
|-----------------|---------------------------------|-------------------------------|---------|-------|----------|---|-----------|---|------------|
| Austin Ave      | Cicotte Ave                     | Montie Rd                     | 971.52  | 0.184 | Concrete | 5 | \$ 125.00 | 5 | 121,440.00 |
| Brest Ave       | Heleen Ave                      | Irene Ave                     | 42.24   | 0.008 | Concrete | 5 | \$ 125.00 | 5 | 5,280.00   |
| Brest Ave       | Agnes Ave                       | Longin Ave                    | 221.76  | 0.042 | Concrete | 5 | \$ 125.00 | 5 | 27,720.00  |
| Brest Ave       | Brest Ave - Surface Change      | Dix Ave                       | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | 5 | 34,320.00  |
| Brest Ave       | Coolidge Ave                    | Porter Ave                    | 10.56   | 0.002 | Concrete | 5 | \$ 125.00 | 5 | 1,320.00   |
| Brest Ave       | Porter Ave                      | Burns Ave                     | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | 5 | 39,600.00  |
| Brouseville Ave | Brest Ave                       | Old Goddard Rd                | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | 5 | 35,640.00  |
| Buckingham Ave  | Fort St                         | Ferris Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | 5 | 34,320.00  |
| Buckingham Ave  | Ferris Ave                      | Wilson Ave                    | 130.24  | 0.233 | Concrete | 5 | \$ 125.00 | 5 | 153,780.00 |
| Buckingham Ave  | Wilson Ave                      | Gohl Rd                       | 675.84  | 0.128 | Concrete | 5 | \$ 125.00 | 5 | 84,480.00  |
| Burns Ave       | Gohl Rd                         | Liberty Ave & Electric Ave    | 776.16  | 0.147 | Concrete | 5 | \$ 125.00 | 5 | 97,020.00  |
| Capitol Ave     | Brest Ave                       | Old Goddard Rd                | 786.72  | 0.149 | Concrete | 5 | \$ 125.00 | 5 | 98,340.00  |
| Capitol Ave     | Green Ave                       | Howard Ave                    | 538.56  | 0.102 | Concrete | 5 | \$ 125.00 | 5 | 67,320.00  |
| Capitol Ave     | Howard Ave                      | Alper Ave                     | 1129.92 | 0.214 | Concrete | 5 | \$ 125.00 | 5 | 141,240.00 |
| Capitol Ave     | Electric Ave                    | Electric Ave                  | 348.48  | 0.066 | Concrete | 5 | \$ 125.00 | 5 | 43,560.00  |
| Capitol Ave     | Applewood Ave                   | Pingree Ave                   | 343.2   | 0.065 | Concrete | 5 | \$ 125.00 | 5 | 42,900.00  |
| Champaign Rd    | Wilson Ave                      | Ferris Ave                    | 137.28  | 0.026 | Concrete | 5 | \$ 125.00 | 5 | 17,160.00  |
| Champaign Rd    | Wilson Ave                      | Washington Ave                | 633.6   | 0.12  | Concrete | 5 | \$ 125.00 | 5 | 79,200.00  |
| Chandler Ave    | Washington Ave                  | Pingree Ave                   | 633.04  | 0.118 | Concrete | 5 | \$ 125.00 | 5 | 77,880.00  |
| Chandler Ave    | Pingree Ave                     | Applewood Ave                 | 628.32  | 0.119 | Concrete | 5 | \$ 125.00 | 5 | 76,560.00  |
| Chandler Ave    | Cleveland Ave                   | Lincoln Blvd                  | 633.6   | 0.12  | Concrete | 5 | \$ 125.00 | 5 | 78,540.00  |
| Cicotte Ave     | Lincoln Blvd                    | Garfield Ave                  | 300.96  | 0.057 | Concrete | 5 | \$ 125.00 | 5 | 37,620.00  |
| Cicotte Ave     | John A Papalas Dr               | Consolidated Rail Corporation | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | 5 | 39,600.00  |
| Cleophas Plwy   | Consolidated Rail Corporation   | Porter Ave                    | 369.6   | 0.07  | Concrete | 5 | \$ 125.00 | 5 | 46,200.00  |
| Cleophas Plwy   | Elliot Ave                      | Lafayette Blvd                | 675.84  | 0.128 | Concrete | 5 | \$ 125.00 | 5 | 84,480.00  |
| Cleophas Plwy   | Applewood Ave                   | Washington Ave                | 881.76  | 0.167 | Concrete | 5 | \$ 125.00 | 5 | 110,220.00 |
| Cleophas Plwy   | Washington Ave                  | Wilson Ave                    | 617.76  | 0.117 | Concrete | 5 | \$ 125.00 | 5 | 77,220.00  |
| Cleophas Plwy   | Wilson Ave                      | Ferris Ave                    | 1261.92 | 0.239 | Concrete | 5 | \$ 125.00 | 5 | 157,740.00 |
| Cleveland Ave   | Abbott Ave                      | Porter St                     | 607.2   | 0.115 | Concrete | 5 | \$ 125.00 | 5 | 75,900.00  |
| Cleveland Ave   | Dix Ave                         | Riopelle Ave                  | 623.04  | 0.118 | Concrete | 5 | \$ 125.00 | 5 | 77,880.00  |
| Cleveland Ave   | Lafayette Blvd                  | Howard St                     | 770.88  | 0.146 | Concrete | 5 | \$ 125.00 | 5 | 96,360.00  |
| Cloverlawn Ave  | Washington Ave                  | Wilson Ave                    | 929.28  | 0.176 | Concrete | 5 | \$ 125.00 | 5 | 116,160.00 |
| Cloverlawn Ave  | Cloverlawn Ave - surface Change | Ferris Ave                    | 797.28  | 0.151 | Concrete | 5 | \$ 125.00 | 5 | 99,660.00  |
| Cloverlawn Ave  | Lafayette St                    | Fort Park Blvd                | 612.48  | 0.116 | Concrete | 5 | \$ 125.00 | 5 | 76,560.00  |
| Cloverlawn Ave  | Porter Ave                      | Abbott Ave                    | 1061.28 | 0.201 | Concrete | 5 | \$ 125.00 | 5 | 132,660.00 |
| Cloverlawn Ave  | Porter Ave - Surface Change     | Ferris Ave                    | 749.76  | 0.142 | Concrete | 5 | \$ 125.00 | 5 | 93,720.00  |
| Cloverlawn Ave  | Ferris Ave                      | Wilson Ave                    | 660     | 0.125 | Concrete | 5 | \$ 125.00 | 5 | 82,500.00  |
| Cloverlawn Ave  | Washington Ave                  | Pingree Ave                   | 538.56  | 0.102 | Concrete | 5 | \$ 125.00 | 5 | 67,320.00  |
| Cloverlawn Ave  | Porter Ave                      | Applewood Ave                 | 623.04  | 0.118 | Concrete | 5 | \$ 125.00 | 5 | 77,880.00  |
| Cloverlawn Ave  | Porter Ave                      | Applewood Ave                 | 137.28  | 0.026 | Concrete | 5 | \$ 125.00 | 5 | 17,160.00  |
| Cloverlawn Ave  | Pingree Ave                     | Dead End                      | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | 5 | 39,600.00  |
| Cloverlawn Ave  | Applewood Ave                   | Elliot Ave                    | 628.32  | 0.119 | Concrete | 5 | \$ 125.00 | 5 | 78,540.00  |
| Cloverlawn Ave  | Olive Ave                       | Adington Ave                  | 617.76  | 0.117 | Concrete | 5 | \$ 125.00 | 5 | 77,220.00  |
| Cloverlawn Ave  | Southfield Rd                   | OConnor Ave                   | 121.44  | 0.023 | Concrete | 5 | \$ 125.00 | 5 | 15,180.00  |
| Cloverlawn Ave  | Part Ave                        | Southfield Rd                 | 406.56  | 0.077 | Concrete | 5 | \$ 125.00 | 5 | 50,820.00  |
| Cloverlawn Ave  | Merrill Ave                     | Capitol Ave                   | 469.92  | 0.089 | Concrete | 5 | \$ 125.00 | 5 | 58,740.00  |
| Cloverlawn Ave  | Pagel Ave                       | Electric Ave - surface Change | 469.92  | 0.089 | Concrete | 5 | \$ 125.00 | 5 | 58,740.00  |
| Cloverlawn Ave  | Moran Ave                       | River Bank Ave                | 42.24   | 0.008 | Concrete | 5 | \$ 125.00 | 5 | 52,800.00  |
| Cloverlawn Ave  | Emmons Blvd                     | Winchester Ave                | 322.08  | 0.061 | Concrete | 5 | \$ 125.00 | 5 | 5,280.00   |
| Cloverlawn Ave  | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | 5 | 40,260.00  |
| Cloverlawn Ave  | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | 5 | 39,600.00  |
| Cloverlawn Ave  | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | 5 | 39,600.00  |



|              |                          |                               |         |       |          |   |           |    |            |
|--------------|--------------------------|-------------------------------|---------|-------|----------|---|-----------|----|------------|
| Electric Ave | New York Ave             | Liberty Ave                   | 369.6   | 0.07  | Concrete | 5 | \$ 125.00 | \$ | 46,200.00  |
| Elliott Ave  | Mayflower Ave            | Detroit Ave                   | 264     | 0.05  | Concrete | 5 | \$ 125.00 | \$ | 33,000.00  |
| Elliott Ave  | Detroit Ave              | Champaign Rd                  | 311.52  | 0.059 | Concrete | 5 | \$ 125.00 | \$ | 38,940.00  |
| Elliott Ave  | Pagel Ave                | Stewart Ave                   | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ | 34,980.00  |
| Empire Ave   | O'Connor Ave             | Capital Ave                   | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ | 36,960.00  |
| Euclid Ave   | Dix Ave                  | Russell Ave                   | 718.08  | 0.136 | Concrete | 5 | \$ 125.00 | \$ | 89,760.00  |
| Euclid Ave   | Dead End                 | Porter Ave                    | 892.32  | 0.169 | Concrete | 5 | \$ 125.00 | \$ | 111,540.00 |
| Farham Ave   | River Dr                 | Elliott Ave                   | 237.6   | 0.045 | Concrete | 5 | \$ 125.00 | \$ | 29,700.00  |
| Farham Ave   | Elliott Ave              | Applewood Ave                 | 712.8   | 0.135 | Concrete | 5 | \$ 125.00 | \$ | 89,100.00  |
| Farham Ave   | Applewood Ave            | Pingree Ave                   | 617.76  | 0.117 | Concrete | 5 | \$ 125.00 | \$ | 77,220.00  |
| Farham Ave   | Pingree Ave              | Washington Ave                | 633.6   | 0.12  | Concrete | 5 | \$ 125.00 | \$ | 79,200.00  |
| Farham Ave   | Washington Ave           | Wilson Ave                    | 628.32  | 0.119 | Concrete | 5 | \$ 125.00 | \$ | 78,540.00  |
| Farham Ave   | Wilson Ave               | Ferris Ave                    | 607.2   | 0.115 | Concrete | 5 | \$ 125.00 | \$ | 75,900.00  |
| Farham Ave   | Ferris Ave               | Chandler Ave                  | 617.76  | 0.117 | Concrete | 5 | \$ 125.00 | \$ | 77,220.00  |
| Farham Ave   | Chandler Ave             | Fort St                       | 691.68  | 0.131 | Concrete | 5 | \$ 125.00 | \$ | 86,460.00  |
| Ferris Ave   | Old Goddard Rd & 20th St | Dead End                      | 860.64  | 0.163 | Concrete | 5 | \$ 125.00 | \$ | 107,580.00 |
| Ferris Ave   | Mill St                  | Cleveland Ave                 | 512.16  | 0.097 | Concrete | 5 | \$ 125.00 | \$ | 64,020.00  |
| Ferris Ave   | Cleveland Ave            | Lincoln Blvd                  | 274.56  | 0.057 | Concrete | 5 | \$ 125.00 | \$ | 34,320.00  |
| Ferris Ave   | Cleopius Pkwy            | Southfield Rd                 | 300.96  | 0.057 | Concrete | 5 | \$ 125.00 | \$ | 37,620.00  |
| Ferris Ave   | Harrison Blvd            | Cloverlawn Ave                | 269.28  | 0.051 | Concrete | 5 | \$ 125.00 | \$ | 33,660.00  |
| Ford Blvd    | Kings Hwy                | Emmons Blvd                   | 343.2   | 0.065 | Concrete | 5 | \$ 125.00 | \$ | 42,900.00  |
| Ford Blvd    | Dix Ave                  | Abbott Ave                    | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ | 36,960.00  |
| Ford Blvd    | Howard Ave               | Howard Ave                    | 1341.12 | 0.254 | Concrete | 5 | \$ 125.00 | \$ | 167,640.00 |
| Ford Blvd    | Howard Ave               | Lafayette St                  | 786.72  | 0.149 | Concrete | 5 | \$ 125.00 | \$ | 98,340.00  |
| Ford Blvd    | Longlin Ave              | Dix Ave                       | 628.32  | 0.119 | Concrete | 5 | \$ 125.00 | \$ | 78,540.00  |
| Frank Ave    | Ferris Ave               | Wilson Ave                    | 306.24  | 0.058 | Concrete | 5 | \$ 125.00 | \$ | 38,280.00  |
| Frank Ave    | Ruth Ave                 | Olive Ave                     | 770.88  | 0.146 | Concrete | 5 | \$ 125.00 | \$ | 96,360.00  |
| Frank Ave    | Olive Ave                | Charter Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Charter Ave              | Council Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Council Ave              | Montie Rd                     | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Montie Rd                | Reo Ave                       | 274.56  | 0.053 | Concrete | 5 | \$ 125.00 | \$ | 34,980.00  |
| Frank Ave    | Reo Ave                  | Morris Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ | 34,320.00  |
| Frank Ave    | Paris Ave                | University Ave                | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ | 34,980.00  |
| Frank Ave    | Keppen Blvd              | Russell Ave                   | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ | 35,640.00  |
| Garfield Ave | Howard St                | Euclid Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ | 34,320.00  |
| Garfield Ave | Fort St                  | Dead End                      | 168.96  | 0.032 | Concrete | 5 | \$ 125.00 | \$ | 21,120.00  |
| Garfield Ave | River Dr                 | Fort Park Blvd                | 427.68  | 0.081 | Concrete | 5 | \$ 125.00 | \$ | 53,460.00  |
| Gohl Rd      | Kings Hwy                | Emmons Blvd                   | 686.4   | 0.13  | Concrete | 5 | \$ 125.00 | \$ | 85,800.00  |
| Gregory Ave  | Dix Ave                  | Porter Ave                    | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ | 36,960.00  |
| Gregory Ave  | Howard Ave               | Lafayette St                  | 675.84  | 0.128 | Concrete | 5 | \$ 125.00 | \$ | 84,480.00  |
| Hamilton Ave | Lafayette St             | Fort Park Blvd                | 649.44  | 0.123 | Concrete | 5 | \$ 125.00 | \$ | 81,180.00  |
| Hamilton Ave | Dixford Ave              | Raupp Pl                      | 649.44  | 0.123 | Concrete | 5 | \$ 125.00 | \$ | 81,180.00  |
| Hamford Ave  | Dix Ave                  | Frank Ave                     | 306.24  | 0.058 | Concrete | 5 | \$ 125.00 | \$ | 38,280.00  |
| Hamford Ave  | Frank Ave                | City/Twp Line                 | 892.32  | 0.169 | Concrete | 5 | \$ 125.00 | \$ | 111,540.00 |
| Hartwick Hwy | Bailey Ave               | Wayne St                      | 126.72  | 0.024 | Concrete | 5 | \$ 125.00 | \$ | 15,640.00  |
| Hazel Ave    | Meyer Ct                 | Richmond Ave                  | 644.16  | 0.122 | Concrete | 5 | \$ 125.00 | \$ | 80,520.00  |
| Highland Ave | Old Goddard Rd           | Hazel Ave Bridge              | 295.68  | 0.057 | Concrete | 5 | \$ 125.00 | \$ | 36,960.00  |
| Highland Ave | Fort St                  | Ferris Ave                    | 300.96  | 0.17  | Concrete | 5 | \$ 125.00 | \$ | 37,620.00  |
| Highland Ave | Ferris Ave               | Wilson Ave                    | 897.6   | 0.146 | Concrete | 5 | \$ 125.00 | \$ | 96,360.00  |
| Highland Ave | Wilson Ave               | Highland Ave - Surface Change | 770.88  | 0.141 | Concrete | 5 | \$ 125.00 | \$ | 93,060.00  |
| Highland Ave | Electric Ave             | River Dr & Shore Dr           | 744.48  | 0.098 | Concrete | 5 | \$ 125.00 | \$ | 64,680.00  |
|              |                          |                               | 517.44  |       |          | 5 | \$ 125.00 | \$ |            |

|                            |                               |                                     |         |       |          |   |           |               |
|----------------------------|-------------------------------|-------------------------------------|---------|-------|----------|---|-----------|---------------|
| Highland Ave               | Emmons Blvd & Shore Dr        | River Dr                            | 1119.36 | 0.212 | Concrete | 5 | \$ 125.00 | \$ 139,920.00 |
| Hoover Ave                 | Champaign Rd                  | Bailey Ave                          | 422.4   | 0.08  | Concrete | 5 | \$ 125.00 | \$ 52,800.00  |
| Howard Ave                 | Stewart Ave                   | Merrill Ave                         | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Howard Ave                 | London Ave                    | Capitol Ave                         | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Howard Ave                 | Old Goddard Rd                | Saint Johns Blvd                    | 253.44  | 0.048 | Concrete | 5 | \$ 125.00 | \$ 31,680.00  |
| Howard Ave                 | Saint Johns Blvd              | Ford Blvd                           | 306.24  | 0.058 | Concrete | 5 | \$ 125.00 | \$ 38,280.00  |
| Howard Ave                 | Winchester Ave                | New York Ave                        | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ 36,960.00  |
| Howard Ave                 | New York Ave                  | Liberty Ave                         | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Howard Ave                 | Liberty Ave                   | Gregory Ave                         | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Howard St                  | Champaign Rd                  | McLain Ave                          | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Howard St                  | McLain Ave                    | Mill St                             | 269.28  | 0.051 | Concrete | 5 | \$ 125.00 | \$ 33,660.00  |
| Howard St                  | Mill St                       | Cleveland Ave                       | 253.44  | 0.048 | Concrete | 5 | \$ 125.00 | \$ 31,680.00  |
| Howard St                  | Cleveland Ave                 | Lincoln Ave                         | 258.72  | 0.049 | Concrete | 5 | \$ 125.00 | \$ 32,340.00  |
| Howard St - Surface Change | Howard St - Surface Change    | Philomene Blvd                      | 343.2   | 0.065 | Concrete | 5 | \$ 125.00 | \$ 42,900.00  |
| Keppen Blvd                | Lafayette Blvd                | Howard St                           | 670.56  | 0.127 | Concrete | 5 | \$ 125.00 | \$ 83,820.00  |
| Kings Hwy                  | Fort St                       | Ferris Ave                          | 865.92  | 0.164 | Concrete | 5 | \$ 125.00 | \$ 108,240.00 |
| Kings Hwy                  | Ferris Ave                    | Wilson Ave                          | 770.88  | 0.146 | Concrete | 5 | \$ 125.00 | \$ 96,360.00  |
| Kings Hwy                  | Wilson Ave                    | Gohl Rd                             | 776.16  | 0.147 | Concrete | 5 | \$ 125.00 | \$ 97,020.00  |
| Lafayette Blvd             | Keppen Blvd                   | Hanford Ave                         | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Lafayette Blvd             | Hanford Ave                   | Cicotte Ave                         | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Lafayette Blvd             | Montie Rd                     | Charter Ave & N I 75/Lafayette RAMP | 448.8   | 0.085 | Concrete | 5 | \$ 125.00 | \$ 56,100.00  |
| Lafayette Blvd             | Cicotte Ave                   | University Ave                      | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Lafayette Blvd             | Reo Ave                       | Demean Ave                          | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Lafayette Blvd             | London Ave                    | Capitol Ave                         | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Lafayette Blvd             | Capitol Ave                   | Mayflower Ave                       | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Lafayette Blvd             | Mayflower Ave                 | Detroit Ave                         | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Lafayette Blvd             | Detroit Ave                   | Progress Ave                        | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Lafayette Blvd             | Mark Ave                      | Champaign Rd & Lafayette Blvd       | 475.2   | 0.09  | Concrete | 5 | \$ 125.00 | \$ 59,400.00  |
| Lafayette St               | Stewart Ave                   | Merrill Ave                         | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Lafayette St               | New York Ave                  | Liberty Ave                         | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Lafayette St               | Buckingham Ave                | Pagel Ave                           | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Lafayette St               | Ford Blvd                     | LeBlanc Ave                         | 353.76  | 0.067 | Concrete | 5 | \$ 125.00 | \$ 44,220.00  |
| Lafayette St               | Michigan Ave                  | Moran Ave                           | 311.52  | 0.059 | Concrete | 5 | \$ 125.00 | \$ 38,940.00  |
| Lafayette St               | Gohl Rd                       | Electric Ave & River Dr             | 1388.64 | 0.263 | Concrete | 5 | \$ 125.00 | \$ 173,580.00 |
| Lafayette St               | Russell Ave                   | Cicotte Ave                         | 660     | 0.125 | Concrete | 5 | \$ 125.00 | \$ 82,500.00  |
| Liberty Ave                | Electric Ave & Buckingham Ave | Electric Ave                        | 110.88  | 0.021 | Concrete | 5 | \$ 125.00 | \$ 13,860.00  |
| Liberty Ave                | Fort St                       | Ferris Ave                          | 723.36  | 0.137 | Concrete | 5 | \$ 125.00 | \$ 90,420.00  |
| Lincoln Ave                | Howard St                     | Mill St & Cleveland Ave             | 591.36  | 0.112 | Concrete | 5 | \$ 125.00 | \$ 73,920.00  |
| London Ave                 | Moore Ave                     | Consolidated Rail Corporation       | 68.64   | 0.013 | Concrete | 5 | \$ 125.00 | \$ 8,580.00   |
| London Ave                 | Lafayette St                  | Fort Park Blvd                      | 670.56  | 0.127 | Concrete | 5 | \$ 125.00 | \$ 83,820.00  |
| Markese Ave                | Fort Park Blvd                | Fort St                             | 517.44  | 0.098 | Concrete | 5 | \$ 125.00 | \$ 64,680.00  |
| Markese Ave                | Riopelle Ave                  | City/Twp Line                       | 1298.88 | 0.246 | Concrete | 5 | \$ 125.00 | \$ 162,360.00 |
| Mayflower Ave              | Lafayette St                  | Fort Park Blvd                      | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Mayflower Ave              | Detroit Ave                   | Mayflower Ct                        | 723.36  | 0.137 | Concrete | 5 | \$ 125.00 | \$ 90,420.00  |
| Mayflower Ave              | Mayflower Ct                  | Alper Ave                           | 464.64  | 0.088 | Concrete | 5 | \$ 125.00 | \$ 58,080.00  |
| McKinley Ave               | Park Ave                      | N M 39 & Southfield Rd & S M 39     | 343.2   | 0.065 | Concrete | 5 | \$ 125.00 | \$ 42,900.00  |
| McLain Ave                 | Porter St                     | Regina Ave                          | 454.08  | 0.086 | Concrete | 5 | \$ 125.00 | \$ 56,760.00  |
| McLain Ave                 | Regina Ave                    | Dix Ave                             | 137.28  | 0.026 | Concrete | 5 | \$ 125.00 | \$ 17,160.00  |
| Merrill Ave                | Dix Ave                       | Riopelle Ave                        | 596.64  | 0.113 | Concrete | 5 | \$ 125.00 | \$ 74,580.00  |
| Michigan Ave               | Electric Ave                  | Electric Ave & Pingree Ave          | 1119.36 | 0.212 | Concrete | 5 | \$ 125.00 | \$ 139,920.00 |
| Michigan Ave               | Fort St                       | Ferris Ave                          | 153.12  | 0.029 | Concrete | 5 | \$ 125.00 | \$ 19,140.00  |
| Mill St                    | Porter St                     | Dix Ave                             | 1008.48 | 0.191 | Concrete | 5 | \$ 125.00 | \$ 126,060.00 |
|                            |                               |                                     | 823.68  | 0.156 | Concrete | 5 | \$ 125.00 | \$ 102,960.00 |

|                |                          |                             |         |       |          |   |           |               |
|----------------|--------------------------|-----------------------------|---------|-------|----------|---|-----------|---------------|
| Mill St        | Dix Ave                  | Riopelle Ave                | 1024.32 | 0.194 | Concrete | 5 | \$ 125.00 | \$ 128,040.00 |
| Mill St        | Mill St - Surface Change | Lincoln Ave & Cleveland Ave | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Montie Rd      | Fort St                  | Fort Park Blvd              | 417.12  | 0.079 | Concrete | 5 | \$ 125.00 | \$ 52,140.00  |
| Montie Rd      | Lejeune Ave              | Applewood Ave               | 374.88  | 0.071 | Concrete | 5 | \$ 125.00 | \$ 46,860.00  |
| Montie Rd      | Grant Ave                | Washington Ave              | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Myran Ave      | Emmons Ave               | Ethel Ave                   | 300.96  | 0.057 | Concrete | 5 | \$ 125.00 | \$ 37,620.00  |
| New York Ave   | Lafayette St             | Abbott Ave                  | 897.6   | 0.17  | Concrete | 5 | \$ 125.00 | \$ 112,200.00 |
| New York Ave   | Champaign Rd             | River Dr                    | 396     | 0.075 | Concrete | 5 | \$ 125.00 | \$ 81,180.00  |
| O'Connor Ave   | Dix Ave                  | Riopelle Ave                | 696.96  | 0.132 | Concrete | 5 | \$ 125.00 | \$ 49,500.00  |
| O'Connor Ave   | Grant Ave                | Porter Ave                  | 1008.48 | 0.191 | Concrete | 5 | \$ 125.00 | \$ 87,120.00  |
| O'Connor Ave   | Ethel Ave                | Washington Ave              | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 126,060.00 |
| Pagel Ave      | Fort St                  | Wilson Ave                  | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Pagel Ave      | Ferris Ave               | Ferris Ave                  | 686.4   | 0.13  | Concrete | 5 | \$ 125.00 | \$ 36,960.00  |
| Park Ave       | Austin Ave               | Wilson Ave                  | 739.2   | 0.14  | Concrete | 5 | \$ 125.00 | \$ 85,800.00  |
| Park Ave       | Chandler Ave             | Austin Ave                  | 311.52  | 0.059 | Concrete | 5 | \$ 125.00 | \$ 92,400.00  |
| Pingree Ave    | Crotte Ave               | Chandler Ave                | 327.36  | 0.062 | Concrete | 5 | \$ 125.00 | \$ 38,940.00  |
| Porter Ave     | Council Ave              | Electric Ave                | 205.92  | 0.039 | Concrete | 5 | \$ 125.00 | \$ 40,920.00  |
| Porter Ave     | Charter Ave              | Montie Rd                   | 628.32  | 0.119 | Concrete | 5 | \$ 125.00 | \$ 25,740.00  |
| Porter Ave     | Merrill Ave              | Olive Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 78,540.00  |
| Porter Ave     | Richmond Ave             | Richmond Ave                | 274.56  | 0.041 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Porter St      | London Ave               | London Ave                  | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 27,060.00  |
| Porter St      | Champaign Rd             | Capitol Ave                 | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Progress Ave   | Mill St                  | Marlese Ave                 | 311.52  | 0.059 | Concrete | 5 | \$ 125.00 | \$ 38,940.00  |
| Progress Ave   | Rose Ave                 | Cleveland Ave               | 306.24  | 0.058 | Concrete | 5 | \$ 125.00 | \$ 38,940.00  |
| Regina Ave     | Riopelle Ave             | Porter Ave                  | 443.52  | 0.084 | Concrete | 5 | \$ 125.00 | \$ 38,280.00  |
| Richmond Ave   | Josephine Ave            | Green Ave                   | 190.08  | 0.036 | Concrete | 5 | \$ 125.00 | \$ 23,760.00  |
| Richmond Ave   | Malvina Ave              | Lafayette Blvd              | 1203.84 | 0.228 | Concrete | 5 | \$ 125.00 | \$ 156,480.00 |
| Richmond Ave   | Lafayette St             | Meyer Ct                    | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 22,440.00  |
| Richmond Ave   | New York Ave             | Fort Park Blvd              | 654.72  | 0.124 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Richmond Ave   | Buckingham Ave           | Buckingham Ave              | 543.84  | 0.103 | Concrete | 5 | \$ 125.00 | \$ 81,840.00  |
| Riopelle Ave   | Oceana Ave               | Malvina Ave                 | 844.8   | 0.16  | Concrete | 5 | \$ 125.00 | \$ 67,980.00  |
| Riopelle Ave   | Thomas Ave               | Oceana Ave                  | 781.44  | 0.148 | Concrete | 5 | \$ 125.00 | \$ 97,680.00  |
| Riopelle Ave   | Thomas Ave               | Thomas Ave                  | 100.32  | 0.019 | Concrete | 5 | \$ 125.00 | \$ 12,540.00  |
| Riopelle Ave   | Thomas Ave               | Thomas Ave                  | 184.8   | 0.035 | Concrete | 5 | \$ 125.00 | \$ 23,100.00  |
| Riopelle Ave   | White St                 | Marlese Ave                 | 105.6   | 0.02  | Concrete | 5 | \$ 125.00 | \$ 13,200.00  |
| River Bank Ave | Hazel Ave                | Philomene Blvd              | 184.8   | 0.035 | Concrete | 5 | \$ 125.00 | \$ 23,100.00  |
| River Bank Ave | Porter Ave               | Dix Ave                     | 306.24  | 0.058 | Concrete | 5 | \$ 125.00 | \$ 38,280.00  |
| River Bank Ave | Porter Ave               | Abbott Ave                  | 828.96  | 0.157 | Concrete | 5 | \$ 125.00 | \$ 103,620.00 |
| River Bank Ave | Gohl Rd                  | Electric Ave                | 749.76  | 0.142 | Concrete | 5 | \$ 125.00 | \$ 81,840.00  |
| River Dr       | Emmons Blvd              | River Ct                    | 1119.36 | 0.212 | Concrete | 5 | \$ 125.00 | \$ 139,920.00 |
| Rose Ave       | Wayne St                 | N Shore Dr                  | 480.48  | 0.091 | Concrete | 5 | \$ 125.00 | \$ 60,060.00  |
| Rose Ave       | Fort Park Blvd           | Bailey Ave                  | 285.12  | 0.054 | Concrete | 5 | \$ 125.00 | \$ 35,640.00  |
| Rose Ave       | Detroit Ave              | Fort St                     | 633.6   | 0.12  | Concrete | 5 | \$ 125.00 | \$ 79,200.00  |
| Rose Ave       | Progress Ave             | Progress Ave                | 406.56  | 0.077 | Concrete | 5 | \$ 125.00 | \$ 50,820.00  |
| Russell Ave    | Dix Ave                  | Porter Ave                  | 306.24  | 0.058 | Concrete | 5 | \$ 125.00 | \$ 38,280.00  |
| Russell Ave    | Lafayette Blvd           | Frank Ave                   | 617.76  | 0.117 | Concrete | 5 | \$ 125.00 | \$ 77,220.00  |
| Russell Ave    | Chandler Ave             | Howard St                   | 892.32  | 0.169 | Concrete | 5 | \$ 125.00 | \$ 111,540.00 |
| Russell Ave    | Chandler Ave             | Austin Ave                  | 675.84  | 0.128 | Concrete | 5 | \$ 125.00 | \$ 84,480.00  |
|                |                          |                             | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |

|                  |                |                                |                |         |       |          |   |           |               |
|------------------|----------------|--------------------------------|----------------|---------|-------|----------|---|-----------|---------------|
| Russell Ave      | Wilson Ave     | Ethel Ave                      | Washington Ave | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Russell Ave      | Washington Ave | Grant Ave                      |                | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ 36,960.00  |
| Russell Ave      | Empire Ave     | Pingree Ave                    |                | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Russell Ave      | Pingree Ave    | 300.96                         |                | 300.96  | 0.057 | Concrete | 5 | \$ 125.00 | \$ 37,620.00  |
| Saint Johns Blvd | Dead End       | Applewood Ave                  |                | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ 36,960.00  |
| Schultz Ave      | Wayne St       | Drouillard Ave                 |                | 359.04  | 0.068 | Concrete | 5 | \$ 125.00 | \$ 44,880.00  |
| Stewart Ave      | Abbot Ave      | Bailey Ave                     |                | 638.88  | 0.121 | Concrete | 5 | \$ 125.00 | \$ 79,860.00  |
| Stewart Ave      | Lafayette St   | Howard Ave                     |                | 786.72  | 0.149 | Concrete | 5 | \$ 125.00 | \$ 98,340.00  |
| Stewart Ave      | Fort Park Blvd | Fort St                        |                | 649.44  | 0.123 | Concrete | 5 | \$ 125.00 | \$ 81,880.00  |
| Thomas Ave       | Riopelle Ave   | City/Twp Line                  |                | 538.56  | 0.102 | Concrete | 5 | \$ 125.00 | \$ 67,320.00  |
| Warwick Ave      | Porter Ave     | Frank Ave                      |                | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,200.00  |
| Washington Ave   | Dead End       | Progress Ave                   |                | 892.32  | 0.169 | Concrete | 5 | \$ 125.00 | \$ 111,540.00 |
| Washington Ave   | Progress Ave   | Dead End                       |                | 237.6   | 0.045 | Concrete | 5 | \$ 125.00 | \$ 29,700.00  |
| Washington Ave   | Champaign Rd   | Champaign Rd                   |                | 163.68  | 0.031 | Concrete | 5 | \$ 125.00 | \$ 20,460.00  |
| Washington Ave   | Farnham Ave    | Farnham Ave                    |                | 269.28  | 0.051 | Concrete | 5 | \$ 125.00 | \$ 33,660.00  |
| Washington Ave   | Mill St        | Mill St                        |                | 264     | 0.05  | Concrete | 5 | \$ 125.00 | \$ 33,000.00  |
| Washington Ave   | Cleveland Ave  | Cleveland Ave                  |                | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Washington Ave   | Lincoln Blvd   | Garfield Ave                   |                | 300.96  | 0.056 | Concrete | 5 | \$ 125.00 | \$ 37,620.00  |
| Washington Ave   | Garfield Ave   | White Ave                      |                | 295.68  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 36,960.00  |
| Wayne St         | Hartwick Hwy   | Park Ave                       |                | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Wayne St         | Progress Ave   | Detroit Ave                    |                | 264     | 0.05  | Concrete | 5 | \$ 125.00 | \$ 33,000.00  |
| White St         | Dix Ave        | Rose Ave                       |                | 300.96  | 0.057 | Concrete | 5 | \$ 125.00 | \$ 37,620.00  |
| White St         | Riopelle Ave   | Riopelle Ave                   |                | 295.68  | 0.056 | Concrete | 5 | \$ 125.00 | \$ 36,960.00  |
| Wilson Ave       | Capitol Ave    | City/Twp Line                  |                | 892.6   | 0.17  | Concrete | 5 | \$ 125.00 | \$ 112,200.00 |
| Wilson Ave       | Mayflower Ave  | Mayflower Ave                  |                | 153.12  | 0.029 | Concrete | 5 | \$ 125.00 | \$ 19,140.00  |
| Wilson Ave       | Detroit Ave    | Detroit Ave                    |                | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Wilson Ave       | Progress Ave   | Progress Ave                   |                | 269.28  | 0.051 | Concrete | 5 | \$ 125.00 | \$ 33,660.00  |
| Wilson Ave       | Stewart Ave    | Champaign Rd                   |                | 190.08  | 0.036 | Concrete | 5 | \$ 125.00 | \$ 23,760.00  |
| Wilson Ave       | London Ave     | Merrill Ave                    |                | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Wilson Ave       | River Bank Ave | Capitol Ave                    |                | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Wilson Ave       | Highland Ave   | Highland Ave                   |                | 274.56  | 0.052 | Concrete | 5 | \$ 125.00 | \$ 34,320.00  |
| Wilson Ave       | New York Ave   | Kings Hwy                      |                | 290.4   | 0.055 | Concrete | 5 | \$ 125.00 | \$ 36,300.00  |
| Wilson Ave       | Buckingham Ave | Liberty Ave                    |                | 269.28  | 0.051 | Concrete | 5 | \$ 125.00 | \$ 33,660.00  |
| Winchester Ave   | Mayron Ave     | Stewart Ave                    |                | 316.8   | 0.06  | Concrete | 5 | \$ 125.00 | \$ 39,600.00  |
| Winchester Ave   | Allard Ave     | Winchester Ave & Emmons Ave    |                | 279.84  | 0.053 | Concrete | 5 | \$ 125.00 | \$ 34,980.00  |
| Alper Ave        | Emmons Ave     | Abbot Ave                      |                | 211.2   | 0.053 | Concrete | 5 | \$ 125.00 | \$ 26,400.00  |
| Alper Ave        | Mayflower Ave  | Detroit Ave                    |                | 834.74  | 0.158 | Concrete | 5 | \$ 125.00 | \$ 104,280.00 |
| Applewood Ave    | New York Ave   | Progress Ave                   |                | 258.72  | 0.049 | Concrete | 5 | \$ 125.00 | \$ 32,340.00  |
| Applewood Ave    | Mayflower Ave  | Pagel Ave                      |                | 448.8   | 0.085 | Concrete | 4 | \$ 150.00 | \$ 67,320.00  |
| Applewood Ave    | Champaign Rd   | Detroit Ave                    |                | 126.72  | 0.024 | Concrete | 4 | \$ 150.00 | \$ 19,008.00  |
| Applewood Ave    | Farnham Ave    | Farnham Ave                    |                | 517.44  | 0.098 | Concrete | 4 | \$ 150.00 | \$ 77,616.00  |
| Applewood Ave    | Cleveland Ave  | Mill St                        |                | 269.28  | 0.051 | Concrete | 4 | \$ 150.00 | \$ 40,392.00  |
| Austin Ave       | Montie Rd      | Cleveland Ave - Surface Change |                | 258.72  | 0.049 | Concrete | 4 | \$ 150.00 | \$ 38,808.00  |
| Austin Ave       | Abbot Ave      | Road Block                     |                | 269.28  | 0.051 | Concrete | 4 | \$ 150.00 | \$ 40,392.00  |
| Capitol Ave      | Alper Ave      | Chandler Ave                   |                | 153.12  | 0.029 | Concrete | 4 | \$ 150.00 | \$ 22,968.00  |
| Capitol Ave      | Alper Ave      | Green Ave                      |                | 844.8   | 0.16  | Concrete | 4 | \$ 150.00 | \$ 126,720.00 |
| Chandler Ave     | Cicotte Ave    | Lafayette St                   |                | 274.56  | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Chandler Ave     | Detroit Ave    | Montie Rd                      |                | 448.8   | 0.085 | Concrete | 4 | \$ 150.00 | \$ 67,320.00  |
|                  |                | Progress Ave                   |                | 372.08  | 0.061 | Concrete | 4 | \$ 150.00 | \$ 48,312.00  |
|                  |                |                                |                | 1045.44 | 0.198 | Concrete | 4 | \$ 150.00 | \$ 156,816.00 |
|                  |                |                                |                | 300.96  | 0.057 | Concrete | 4 | \$ 150.00 | \$ 45,144.00  |

|                |                                      |                               |          |       |          |          |           |           |            |           |
|----------------|--------------------------------------|-------------------------------|----------|-------|----------|----------|-----------|-----------|------------|-----------|
| Charter Ave    | Lafayette Blvd & N175/Lafayette RAMP | Gorman Ave                    | Dead End | 316.8 | 0.06     | Concrete | 4         | \$ 150.00 | \$         | 47,520.00 |
| Cicotte Ave    | Gorman Ave                           | Washington Ave                | 390.72   | 0.074 | Concrete | 4        | \$ 150.00 | \$        | 58,608.00  |           |
| Cleophas Pkwy  | Grant Ave                            | Howard St                     | 290.4    | 0.055 | Concrete | 4        | \$ 150.00 | \$        | 43,560.00  |           |
| Cleveland Ave  | Cleophas Pkwy - Surface Change       | Ferris Ave                    | 184.8    | 0.035 | Concrete | 4        | \$ 150.00 | \$        | 27,720.00  |           |
| Demian Ave     | Wilson Ave                           | Pennsylvania Ave              | 617.76   | 0.117 | Concrete | 4        | \$ 150.00 | \$        | 92,664.00  |           |
| Detroit Ave    | Lafayette Blvd                       | Detroit Ave                   | 406.56   | 0.077 | Concrete | 4        | \$ 150.00 | \$        | 60,984.00  |           |
| Detroit Ave    | Alper Ave                            | Alper Ave                     | 58.08    | 0.011 | Concrete | 4        | \$ 150.00 | \$        | 8,712.00   |           |
| Detroit Ave    | Mayflower Ave                        | Electric Ave                  | 855.36   | 0.162 | Concrete | 4        | \$ 150.00 | \$        | 128,304.00 |           |
| Detroit Ave    | Electric Ave                         | Detroit Ct                    | 142.56   | 0.027 | Concrete | 4        | \$ 150.00 | \$        | 21,384.00  |           |
| Detroit Ave    | Washington Ave                       | Dead End                      | 316.8    | 0.06  | Concrete | 4        | \$ 150.00 | \$        | 47,520.00  |           |
| Detroit Ct     | Detroit Ave                          | Dead End                      | 147.84   | 0.028 | Concrete | 4        | \$ 150.00 | \$        | 22,176.00  |           |
| Drouillard Ave | Saint Johns Blvd                     | Montie Rd                     | 237.6    | 0.045 | Concrete | 4        | \$ 150.00 | \$        | 35,640.00  |           |
| Electric Ave   | Cicotte Ave                          | O'Connor Ave                  | 1114.08  | 0.211 | Concrete | 4        | \$ 150.00 | \$        | 167,112.00 |           |
| Electric Ave   | Arlington Ave                        | Detroit Ave                   | 533.28   | 0.101 | Concrete | 4        | \$ 150.00 | \$        | 79,992.00  |           |
| Electric Ave   | Mayflower Ave                        | New York Ave                  | 337.92   | 0.064 | Concrete | 4        | \$ 150.00 | \$        | 50,688.00  |           |
| Electric Ave   | Winchester Ave                       | Liberty Ave & Buckingham Ave  | 311.52   | 0.059 | Concrete | 4        | \$ 150.00 | \$        | 46,728.00  |           |
| Electric Ave   | New York Ave                         | Michigan Blvd & Michigan Ave  | 337.92   | 0.064 | Concrete | 4        | \$ 150.00 | \$        | 50,688.00  |           |
| Ford Line Rd   | LeBlanc Ave                          | Moran Rd & Moran Ave          | 295.68   | 0.056 | Concrete | 4        | \$ 150.00 | \$        | 44,352.00  |           |
| Ford Line Rd   | Michigan Blvd & Michigan Ave         | Abbott Ave                    | 295.68   | 0.056 | Concrete | 4        | \$ 150.00 | \$        | 44,352.00  |           |
| Garfield Ave   | Porter St                            | Charter Ave                   | 739.2    | 0.14  | Concrete | 4        | \$ 150.00 | \$        | 110,880.00 |           |
| Gorman Ave     | Council Ave                          | Green Ave - Surface Change    | 269.28   | 0.051 | Concrete | 4        | \$ 150.00 | \$        | 40,392.00  |           |
| Green Ave      | Capitol Ave                          | Progress Ave                  | 221.76   | 0.042 | Concrete | 4        | \$ 150.00 | \$        | 33,264.00  |           |
| Green Ave      | Detroit Ave                          | Progress Ave                  | 353.76   | 0.067 | Concrete | 4        | \$ 150.00 | \$        | 53,064.00  |           |
| Green Ave      | Progress Ave                         | Dix Ave                       | 95.04    | 0.018 | Concrete | 4        | \$ 150.00 | \$        | 14,256.00  |           |
| Gregory Ave    | Hazel Ave                            | Pagel Ave                     | 828.96   | 0.157 | Concrete | 4        | \$ 150.00 | \$        | 124,344.00 |           |
| Howard Ave     | Buckingham Ave                       | Stewart Ave                   | 274.56   | 0.052 | Concrete | 4        | \$ 150.00 | \$        | 41,184.00  |           |
| Howard Ave     | Pagel Ave                            | Garfield Ave                  | 274.56   | 0.052 | Concrete | 4        | \$ 150.00 | \$        | 41,184.00  |           |
| Howard St      | Lincoln Ave                          | Cleophas Pkwy                 | 274.56   | 0.052 | Concrete | 4        | \$ 150.00 | \$        | 41,184.00  |           |
| Howard St      | Philomene Blvd                       | River Dr                      | 211.2    | 0.04  | Concrete | 4        | \$ 150.00 | \$        | 31,680.00  |           |
| Kings Hwy      | Electric Ave                         | Gregory Ave                   | 665.28   | 0.126 | Concrete | 4        | \$ 150.00 | \$        | 99,792.00  |           |
| Lafayette St   | Pagel Ave                            | Buckingham Ave                | 274.56   | 0.052 | Concrete | 4        | \$ 150.00 | \$        | 41,184.00  |           |
| Lafayette St   | Liberty Ave                          | Michigan Ave                  | 279.84   | 0.053 | Concrete | 4        | \$ 150.00 | \$        | 41,976.00  |           |
| Lafayette St   | Gregory Ave                          | Michigan Ave                  | 274.56   | 0.052 | Concrete | 4        | \$ 150.00 | \$        | 45,144.00  |           |
| Lafayette St   | LeBlanc Ave                          | River Bank Ave                | 300.96   | 0.057 | Concrete | 4        | \$ 150.00 | \$        | 45,144.00  |           |
| Lafayette St   | Moran Ave                            | Ferris Ave                    | 295.68   | 0.056 | Concrete | 4        | \$ 150.00 | \$        | 44,352.00  |           |
| LeBlanc Ave    | Fort St                              | Montie Rd                     | 1050.72  | 0.199 | Concrete | 4        | \$ 150.00 | \$        | 157,608.00 |           |
| LeBlanc Ave    | Cicotte Ave                          | Hazel Ave                     | 601.92   | 0.114 | Concrete | 4        | \$ 150.00 | \$        | 90,288.00  |           |
| Liberty Ave    | Fort Park Blvd                       | Dix Ave                       | 438.24   | 0.083 | Concrete | 4        | \$ 150.00 | \$        | 65,736.00  |           |
| Liberty Ave    | Helen Ave                            | Electric Ave & Buckingham Ave | 654.72   | 0.124 | Concrete | 4        | \$ 150.00 | \$        | 98,208.00  |           |
| Liberty Ave    | Hazel Ave                            | Dead End                      | 828.96   | 0.157 | Concrete | 4        | \$ 150.00 | \$        | 124,344.00 |           |
| Liberty Ave    | Gohl Rd                              | Marion Ave - Surface Change   | 528      | 0.1   | Concrete | 4        | \$ 150.00 | \$        | 79,200.00  |           |
| Marion Ave     | Ferris Ave                           | Electric Ave                  | 295.68   | 0.056 | Concrete | 4        | \$ 150.00 | \$        | 44,352.00  |           |
| Mayflower Ct   | Mayflower Ave                        | Dead End                      | 190.08   | 0.036 | Concrete | 4        | \$ 150.00 | \$        | 28,512.00  |           |
| Merrill Ave    | London Ave                           | Gohl Rd                       | 147.84   | 0.028 | Concrete | 4        | \$ 150.00 | \$        | 22,176.00  |           |
| Michigan Ave   | Wilson Ave                           | CITY/TWP Line                 | 770.88   | 0.146 | Concrete | 4        | \$ 150.00 | \$        | 115,632.00 |           |
| Mill St        | Riopelle Ave                         | Empire Ave                    | 264      | 0.05  | Concrete | 4        | \$ 150.00 | \$        | 39,600.00  |           |
| Montie Rd      | Fort Park Blvd                       | Fort St                       | 153.12   | 0.029 | Concrete | 4        | \$ 150.00 | \$        | 22,968.00  |           |
| New York Ave   | Electric Ave                         | Electric Ave                  | 406.56   | 0.077 | Concrete | 4        | \$ 150.00 | \$        | 60,984.00  |           |
| New York Ave   | Electric Ave                         | Appelwood Ave                 | 110.88   | 0.021 | Concrete | 4        | \$ 150.00 | \$        | 16,632.00  |           |
| New York Ave   | Appelwood Ave                        | Pagel Ave                     | 322.08   | 0.061 | Concrete | 4        | \$ 150.00 | \$        | 48,312.00  |           |
| New York Ave   | Appelwood Ave                        | Pingree Ave                   | 770.88   | 0.146 | Concrete | 4        | \$ 150.00 | \$        | 115,632.00 |           |
| O'Connor Ave   | Pingree Ave                          | Empire Ave                    | 295.68   | 0.056 | Concrete | 4        | \$ 150.00 | \$        | 44,352.00  |           |
| O'Connor Ave   | Pingree Ave                          | Empire Ave                    | 306.24   | 0.058 | Concrete | 4        | \$ 150.00 | \$        | 45,936.00  |           |

|                  |                          |                              |        |       |          |   |           |               |
|------------------|--------------------------|------------------------------|--------|-------|----------|---|-----------|---------------|
| OCconnor Ave     | Empire Ave               | Grant Ave                    | 290.4  | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| OCconnor Ave     | Washington Ave           | Ethel Ave                    | 290.4  | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| OCconnor Ave     | Wilson Ave               | Marion Ave                   | 290.4  | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| OCconnor Ave     | Ferris Ave               | Chandler Ave                 | 274.56 | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| OCconnor Ave     | Austin Ave               | Appelwood Ave                | 285.12 | 0.054 | Concrete | 4 | \$ 150.00 | \$ 42,768.00  |
| Park Ave         | Leleune Ave              | Electric Ave                 | 359.04 | 0.068 | Concrete | 4 | \$ 150.00 | \$ 53,856.00  |
| Philomene Blvd   | Electric Ave             | Electric Ave                 | 110.88 | 0.021 | Concrete | 4 | \$ 150.00 | \$ 16,632.00  |
| Pingree Ave      | Dix Ave                  | Riopelle Ave                 | 897.6  | 0.17  | Concrete | 4 | \$ 150.00 | \$ 134,640.00 |
| Porter Ave       | Russell Ave              | Cicotte Ave                  | 660    | 0.125 | Concrete | 4 | \$ 150.00 | \$ 99,000.00  |
| Porter Ave       | College Ave              | Morris Ave                   | 274.56 | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Porter Ave       | Morris Ave               | Reo Ave                      | 279.84 | 0.053 | Concrete | 4 | \$ 150.00 | \$ 41,976.00  |
| Porter Ave       | Reo Ave                  | Montie Rd                    | 274.56 | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Porter Ave       | Olive Ave                | Outer Dr                     | 63.36  | 0.012 | Concrete | 4 | \$ 150.00 | \$ 9,504.00   |
| Porter Ave       | Stewart Ave              | Merrill Ave                  | 322.08 | 0.061 | Concrete | 4 | \$ 150.00 | \$ 48,312.00  |
| Porter St        | Cleophas Pkwy            | S M 39                       | 274.56 | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Progress Ave     | McLain Ave               | Mill St                      | 163.68 | 0.031 | Concrete | 4 | \$ 150.00 | \$ 24,552.00  |
| Reo Ave          | Green Ave                | Alper Ave                    | 295.68 | 0.056 | Concrete | 4 | \$ 150.00 | \$ 44,352.00  |
| Richmond Ave     | Reo Ave - Surface Change | Josephine Ave                | 950.4  | 0.18  | Concrete | 4 | \$ 150.00 | \$ 142,560.00 |
| Riopelle Ave     | Abbott Ave               | Howard Ave                   | 179.52 | 0.034 | Concrete | 4 | \$ 150.00 | \$ 26,928.00  |
| Riopelle Ave     | Markese Ave              | Regina Ave                   | 786.72 | 0.149 | Concrete | 4 | \$ 150.00 | \$ 118,008.00 |
| Riopelle Ave     | Regina Ave               | Regina Ave                   | 184.8  | 0.035 | Concrete | 4 | \$ 150.00 | \$ 27,720.00  |
| Riopelle Ave     | Philomene Blvd           | Regina Ave                   | 100.32 | 0.019 | Concrete | 4 | \$ 150.00 | \$ 15,048.00  |
| Riopelle Ave     | Cleophas Pkwy            | Cleophas Pkwy                | 306.24 | 0.058 | Concrete | 4 | \$ 150.00 | \$ 45,936.00  |
| River Bank Ave   | Electric Ave             | S M 39                       | 168.96 | 0.032 | Concrete | 4 | \$ 150.00 | \$ 25,344.00  |
| River Dr         | Harrison Blvd            | River Dr                     | 380.16 | 0.072 | Concrete | 4 | \$ 150.00 | \$ 57,024.00  |
| Russell Ave      | Austin Ave               | River Dr - Surface Change    | 146.72 | 0.274 | Concrete | 4 | \$ 150.00 | \$ 217,008.00 |
| Russell Ave      | Ferris Ave               | Ferris Ave                   | 264    | 0.05  | Concrete | 4 | \$ 150.00 | \$ 39,600.00  |
| Russell Ave      | Marion Ave               | Wilson Ave                   | 274.56 | 0.052 | Concrete | 4 | \$ 150.00 | \$ 41,184.00  |
| Russell Ave      | Appelwood Ave            | Leleune Ave                  | 290.4  | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| Saint Johns Blvd | Abbott Ave               | Howard Ave                   | 359.04 | 0.068 | Concrete | 4 | \$ 150.00 | \$ 53,856.00  |
| Stewart Ave      | Porter Ave               | Abbott Ave                   | 818.4  | 0.155 | Concrete | 4 | \$ 150.00 | \$ 122,760.00 |
| Victoria Ave     | Dead End                 | Marshall Ave                 | 654.72 | 0.124 | Concrete | 4 | \$ 150.00 | \$ 98,208.00  |
| Warwick Ave      | Dix Ave                  | Warwick Ave - Surface Change | 195.36 | 0.037 | Concrete | 4 | \$ 150.00 | \$ 29,304.00  |
| Wayne St         | London Ave               | Schultz Ave                  | 876.48 | 0.166 | Concrete | 4 | \$ 150.00 | \$ 131,472.00 |
| Wayne St         | Schultz Ave              | Calvin Ave                   | 290.4  | 0.055 | Concrete | 4 | \$ 150.00 | \$ 43,560.00  |
| Wayne St         | Calvin Ave               | Hartwick Hwy                 | 306.24 | 0.058 | Concrete | 4 | \$ 150.00 | \$ 45,936.00  |
| Wilson Ave       | Emmons Blvd              | Winchester Ave               | 306.24 | 0.058 | Concrete | 4 | \$ 150.00 | \$ 45,936.00  |
| Wilson Ave       | Liberty Ave              | Buckingham Ave               | 205.92 | 0.039 | Concrete | 4 | \$ 150.00 | \$ 30,888.00  |

\$ 35,799,984.00



# SUMMARY OF ROADS FOR SPRAYPATCHING

CITY OF LINCOLN PARK

Updated September 11, 2014

| Street         | From                           | To              | Length (ft) | Length (mi)   | Surface Type | Surface Rating | Cost Per LF (\$) | Total Cost (\$) |
|----------------|--------------------------------|-----------------|-------------|---------------|--------------|----------------|------------------|-----------------|
| Arlington Ave  | Arlington Ave - Surface Change | Porter Ave      | 918.72      | 0.174 Asphalt | 4            | \$ 12.50       | \$ 11,484.00     |                 |
| Arlington Ave  | Victoria Ave                   | Fort St         | 158.4       | 0.03 Asphalt  | 4            | \$ 12.50       | \$ 1,980.00      |                 |
| Arlington Ave  | Lafayette Blvd                 | Fort Park Blvd  | 897.6       | 0.17 Asphalt  | 4            | \$ 12.50       | \$ 11,220.00     |                 |
| Arlington Ave  | Chandler Ave                   | Attitude Change | 306.24      | 0.058 Asphalt | 4            | \$ 12.50       | \$ 3,828.00      |                 |
| Austin Ave     | O'Connor Ave                   | O'Connor Ave    | 543.84      | 0.103 Asphalt | 4            | \$ 12.50       | \$ 6,798.00      |                 |
| Austin Ave     | Russell Ave                    | Cicotte Ave     | 712.8       | 0.135 Asphalt | 4            | \$ 12.50       | \$ 8,910.00      |                 |
| Buckingham Ave | Porter Ave                     | Abbott Ave      | 654.72      | 0.124 Asphalt | 4            | \$ 12.50       | \$ 8,184.00      |                 |
| Buckingham Ave | Abbott Ave                     | Howard Ave      | 654.72      | 0.124 Asphalt | 4            | \$ 12.50       | \$ 8,184.00      |                 |
| Capitol Ave    | Fort Park Blvd                 | Fort St         | 786.72      | 0.149 Asphalt | 4            | \$ 12.50       | \$ 9,834.00      |                 |
| Chandler Ave   | Southfield Rd                  | Dead End        | 496.32      | 0.094 Asphalt | 4            | \$ 12.50       | \$ 6,204.00      |                 |
| Chandler Ave   | Mayflower Ave                  | Detroit Ave     | 168.96      | 0.032 Asphalt | 4            | \$ 12.50       | \$ 2,112.00      |                 |
| Chandler Ave   | Champaign Rd                   | Farmham Ave     | 269.28      | 0.051 Asphalt | 4            | \$ 12.50       | \$ 3,366.00      |                 |
| Cicotte Ave    | Fort Park Blvd                 | Lafayette Blvd  | 264         | 0.05 Asphalt  | 4            | \$ 12.50       | \$ 3,300.00      |                 |
| Ethel Ave      | Southfield Rd                  | Russell Ave     | 897.6       | 0.17 Asphalt  | 4            | \$ 12.50       | \$ 11,220.00     |                 |
| Ethel Ave      | O'Connor Ave                   | Cicotte Ave     | 586.08      | 0.111 Asphalt | 4            | \$ 12.50       | \$ 7,326.00      |                 |
| Ethel Ave      | Russell Ave                    | Cicotte Ave     | 718.08      | 0.136 Asphalt | 4            | \$ 12.50       | \$ 8,976.00      |                 |
| Ferris Ave     | Cicotte Ave                    | Montie Rd       | 665.28      | 0.126 Asphalt | 4            | \$ 12.50       | \$ 8,316.00      |                 |
| Fort Park Blvd | Lincoln Blvd                   | Garfield Ave    | 702.24      | 0.133 Asphalt | 4            | \$ 12.50       | \$ 8,778.00      |                 |
| Fort Park Blvd | Page Ave                       | Stewart Ave     | 306.24      | 0.058 Asphalt | 4            | \$ 12.50       | \$ 3,828.00      |                 |
| Fort Park Blvd | Dead End                       | New York Ave    | 274.56      | 0.052 Asphalt | 4            | \$ 12.50       | \$ 3,432.00      |                 |
| Fort Park Blvd | New York Ave                   | Liberty Ave     | 142.56      | 0.027 Asphalt | 4            | \$ 12.50       | \$ 1,782.00      |                 |
| Fort Park Blvd | Buckingham Ave                 | Page Ave        | 285.12      | 0.054 Asphalt | 4            | \$ 12.50       | \$ 3,564.00      |                 |
| Garfield Ave   | Wilson Ave                     | Ferris Ave      | 279.84      | 0.053 Asphalt | 4            | \$ 12.50       | \$ 3,498.00      |                 |
| Lafayette Blvd | O'Connor Ave                   | Eucild Ave      | 617.76      | 0.117 Asphalt | 4            | \$ 12.50       | \$ 7,722.00      |                 |
| Lafayette Blvd | Eucild Ave                     | Russell Ave     | 274.56      | 0.052 Asphalt | 4            | \$ 12.50       | \$ 3,432.00      |                 |
| Lafayette Blvd | Russell Ave                    | Keppen Blvd     | 279.84      | 0.053 Asphalt | 4            | \$ 12.50       | \$ 3,498.00      |                 |
| Lafayette Blvd | Hanover Ave                    | Anne Ave        | 279.84      | 0.053 Asphalt | 4            | \$ 12.50       | \$ 3,498.00      |                 |
| Lafayette Blvd | Arlington Ave                  | Arlington Ave   | 279.84      | 0.053 Asphalt | 4            | \$ 12.50       | \$ 3,498.00      |                 |
| Lafayette Blvd | Warwick Ave                    | O'Connor Ave    | 274.56      | 0.052 Asphalt | 4            | \$ 12.50       | \$ 3,432.00      |                 |
| Lafayette Blvd | Warwick Ave                    | O'Connor Ave    | 274.56      | 0.052 Asphalt | 4            | \$ 12.50       | \$ 3,432.00      |                 |
| Lincoln Blvd   | River Dr                       | Elliott Ave     | 274.56      | 0.052 Asphalt | 4            | \$ 12.50       | \$ 3,432.00      |                 |
| Lincoln Blvd   | Elliott Ave                    | Applewood Ave   | 564.96      | 0.107 Asphalt | 4            | \$ 12.50       | \$ 7,062.00      |                 |
| Lincoln Blvd   | Applewood Ave                  | Pingree Ave     | 617.76      | 0.117 Asphalt | 4            | \$ 12.50       | \$ 7,722.00      |                 |
| Lincoln Blvd   | Pingree Ave                    | Washington Ave  | 633.6       | 0.12 Asphalt  | 4            | \$ 12.50       | \$ 7,920.00      |                 |
| Marion Ave     | Cicotte Ave                    | Montie Rd       | 628.32      | 0.119 Asphalt | 4            | \$ 12.50       | \$ 7,854.00      |                 |
| Mark Ave       | Lafayette St                   | Fort Park Blvd  | 839.52      | 0.159 Asphalt | 4            | \$ 12.50       | \$ 10,494.00     |                 |
| Mayflower Ave  | Pingree Ave                    | Applewood Ave   | 839.52      | 0.159 Asphalt | 4            | \$ 12.50       | \$ 10,494.00     |                 |
| Michigan Ave   | Abbott Ave                     | Howard Ave      | 628.32      | 0.119 Asphalt | 4            | \$ 12.50       | \$ 7,854.00      |                 |
| O'Connor Ave   | Chandler Ave                   | Electric Ave    | 786.72      | 0.149 Asphalt | 4            | \$ 12.50       | \$ 9,834.00      |                 |
| O'Connor Ave   | Electric Ave                   | Victoria Ave    | 269.28      | 0.051 Asphalt | 4            | \$ 12.50       | \$ 3,366.00      |                 |
| O'Connor Ave   | Victoria Ave                   | Fort St         | 300.96      | 0.057 Asphalt | 4            | \$ 12.50       | \$ 3,762.00      |                 |
| Park Ave       | Electric Ave                   | McKinley Ave    | 205.92      | 0.039 Asphalt | 4            | \$ 12.50       | \$ 2,574.00      |                 |
| Philomene Blvd | Fort Park Blvd                 | Lafayette Blvd  | 364.32      | 0.069 Asphalt | 4            | \$ 12.50       | \$ 4,554.00      |                 |
| Porter St      | Garfield Ave                   | Philomene Blvd  | 966.24      | 0.183 Asphalt | 4            | \$ 12.50       | \$ 12,078.00     |                 |
| Porter St      | White St                       | Philomene Blvd  | 116.16      | 0.022 Asphalt | 4            | \$ 12.50       | \$ 1,452.00      |                 |
| Progress Ave   | Lafayette St                   | Fort Park Blvd  | 221.76      | 0.042 Asphalt | 4            | \$ 12.50       | \$ 2,772.00      |                 |
|                |                                |                 | 776.16      | 0.147 Asphalt | 4            | \$ 12.50       | \$ 9,702.00      |                 |

|                |                                        |                                |                                |         |       |          |   |    |       |    |           |
|----------------|----------------------------------------|--------------------------------|--------------------------------|---------|-------|----------|---|----|-------|----|-----------|
| Progress Ave   | Electric Ave                           | Electric Ave                   | Dead End                       | 142.56  | 0.027 | Asphalt  | 4 | \$ | 12.50 | \$ | 1,782.00  |
| Russell Ave    | Leleune Ave                            | Porter Ave                     | Dead End                       | 168.96  | 0.032 | Asphalt  | 4 | \$ | 12.50 | \$ | 2,112.00  |
| Stewart Ave    | Dix Ave                                | Croette Ave                    | Porter Ave                     | 675.84  | 0.128 | Asphalt  | 4 | \$ | 12.50 | \$ | 8,448.00  |
| Washington Ave | Russell Ave                            | Chandler Ave                   | Chandler Ave                   | 660     | 0.125 | Asphalt  | 4 | \$ | 12.50 | \$ | 8,250.00  |
| White Ave      | Ferris Ave                             | Electric Ave                   | Electric Ave                   | 691.68  | 0.131 | Asphalt  | 4 | \$ | 12.50 | \$ | 8,646.00  |
| Alper Ave      | Mayflower Ave                          | Detroit Ave                    | Detroit Ave                    | 121.44  | 0.023 | Asphalt  | 4 | \$ | 12.50 | \$ | 1,518.00  |
| Alper Ave      | Detroit Ave                            | Progress Ave                   | Progress Ave                   | 448.8   | 0.085 | Concrete | 4 | \$ | 12.50 | \$ | 5,610.00  |
| Applewood Ave  | New York Ave                           | Pagel Ave                      | Pagel Ave                      | 126.72  | 0.024 | Concrete | 4 | \$ | 12.50 | \$ | 1,584.00  |
| Applewood Ave  | Mayflower Ave                          | Detroit Ave                    | Detroit Ave                    | 517.44  | 0.098 | Concrete | 4 | \$ | 12.50 | \$ | 6,468.00  |
| Applewood Ave  | Champaign Rd                           | Farnham Ave                    | Farnham Ave                    | 269.28  | 0.051 | Concrete | 4 | \$ | 12.50 | \$ | 3,366.00  |
| Applewood Ave  | Farnham Ave                            | Mill St                        | Mill St                        | 258.72  | 0.049 | Concrete | 4 | \$ | 12.50 | \$ | 3,334.00  |
| Applewood Ave  | Cleveland Ave                          | Cleveland Ave - Surface Change | Cleveland Ave - Surface Change | 269.28  | 0.051 | Concrete | 4 | \$ | 12.50 | \$ | 3,366.00  |
| Austin Ave     | Montie Rd                              | Road Block                     | Road Block                     | 153.12  | 0.029 | Concrete | 4 | \$ | 12.50 | \$ | 1,914.00  |
| Austin Ave     | Austin Ave                             | Chandler Ave                   | Chandler Ave                   | 844.8   | 0.16  | Concrete | 4 | \$ | 12.50 | \$ | 10,560.00 |
| Capitol Ave    | Abbot Ave                              | Lafayette St                   | Lafayette St                   | 274.56  | 0.052 | Concrete | 4 | \$ | 12.50 | \$ | 3,432.00  |
| Capitol Ave    | Alper Ave                              | Green Ave                      | Green Ave                      | 448.8   | 0.085 | Concrete | 4 | \$ | 12.50 | \$ | 5,610.00  |
| Chandler Ave   | Croette Ave                            | Montie Rd                      | Montie Rd                      | 322.08  | 0.061 | Concrete | 4 | \$ | 12.50 | \$ | 4,026.00  |
| Chandler Ave   | Detroit Ave                            | Progress Ave                   | Progress Ave                   | 1045.44 | 0.198 | Concrete | 4 | \$ | 12.50 | \$ | 13,068.00 |
| Charter Ave    | Lafayette Blvd & N I 75/Lafayette RAMP | Gorman Ave                     | Gorman Ave                     | 300.96  | 0.057 | Concrete | 4 | \$ | 12.50 | \$ | 3,762.00  |
| Charter Ave    | Gorman Ave                             | Dead End                       | Dead End                       | 316.8   | 0.06  | Concrete | 4 | \$ | 12.50 | \$ | 3,960.00  |
| Croette Ave    | Grant Ave                              | Washington Ave                 | Washington Ave                 | 390.72  | 0.074 | Concrete | 4 | \$ | 12.50 | \$ | 4,884.00  |
| Cleophas Pkwy  | Cleophas Pkwy - Surface Change         | Howard St                      | Howard St                      | 290.4   | 0.055 | Concrete | 4 | \$ | 12.50 | \$ | 3,630.00  |
| Cleveland Ave  | Wilson Ave                             | Ferris Ave                     | Ferris Ave                     | 184.8   | 0.035 | Concrete | 4 | \$ | 12.50 | \$ | 2,310.00  |
| Deane Ave      | Lafayette Blvd                         | Pennsylvania Ave               | Pennsylvania Ave               | 617.76  | 0.117 | Concrete | 4 | \$ | 12.50 | \$ | 7,722.00  |
| Detroit Ave    | Alper Ave                              | Detroit Ave                    | Detroit Ave                    | 406.56  | 0.077 | Concrete | 4 | \$ | 12.50 | \$ | 5,082.00  |
| Detroit Ave    | Mayflower Ave                          | Electric Ave                   | Electric Ave                   | 58.08   | 0.011 | Concrete | 4 | \$ | 12.50 | \$ | 726.00    |
| Detroit Ave    | Washington Ave                         | Dead End                       | Dead End                       | 855.36  | 0.162 | Concrete | 4 | \$ | 12.50 | \$ | 10,692.00 |
| Detroit Ct     | Dead End                               | Dead End                       | Dead End                       | 142.56  | 0.027 | Concrete | 4 | \$ | 12.50 | \$ | 1,782.00  |
| Drouillard Ave | Croette Ave                            | Montie Rd                      | Montie Rd                      | 316.8   | 0.06  | Concrete | 4 | \$ | 12.50 | \$ | 3,960.00  |
| Electric Ave   | Arlington Ave                          | O'Connor Ave                   | O'Connor Ave                   | 1114.08 | 0.211 | Concrete | 4 | \$ | 12.50 | \$ | 13,926.00 |
| Electric Ave   | Mayflower Ave                          | Detroit Ave                    | Detroit Ave                    | 533.28  | 0.101 | Concrete | 4 | \$ | 12.50 | \$ | 6,666.00  |
| Electric Ave   | Winchester Ave                         | New York Ave                   | New York Ave                   | 337.92  | 0.064 | Concrete | 4 | \$ | 12.50 | \$ | 4,224.00  |
| Electric Ave   | New York Ave                           | Liberty Ave & Buckingham Ave   | Liberty Ave & Buckingham Ave   | 311.52  | 0.059 | Concrete | 4 | \$ | 12.50 | \$ | 3,894.00  |
| Ford Line Rd   | LeBlanc Ave                            | Michigan Blvd & Michigan Ave   | Michigan Blvd & Michigan Ave   | 337.92  | 0.064 | Concrete | 4 | \$ | 12.50 | \$ | 4,224.00  |
| Ford Line Rd   | Porter St                              | Moran Rd & Moran Ave           | Moran Rd & Moran Ave           | 295.68  | 0.056 | Concrete | 4 | \$ | 12.50 | \$ | 3,696.00  |
| Garfield Ave   | Council Ave                            | Abbott Ave                     | Abbott Ave                     | 739.2   | 0.14  | Concrete | 4 | \$ | 12.50 | \$ | 9,240.00  |
| Gorman Ave     | Capitol Ave                            | Green Ave - Surface Change     | Green Ave - Surface Change     | 269.28  | 0.051 | Concrete | 4 | \$ | 12.50 | \$ | 3,366.00  |
| Green Ave      | Detroit Ave                            | Progress Ave                   | Progress Ave                   | 221.76  | 0.042 | Concrete | 4 | \$ | 12.50 | \$ | 2,772.00  |
| Green Ave      | Progress Ave                           | Hazel Ave                      | Hazel Ave                      | 353.76  | 0.067 | Concrete | 4 | \$ | 12.50 | \$ | 4,472.00  |
| Gregory Ave    | Buckingham Ave                         | Dix Ave                        | Dix Ave                        | 95.04   | 0.018 | Concrete | 4 | \$ | 12.50 | \$ | 1,188.00  |
| Howard Ave     | Pagel Ave                              | Stewart Ave                    | Stewart Ave                    | 828.96  | 0.157 | Concrete | 4 | \$ | 12.50 | \$ | 10,362.00 |
| Howard St      | Lincoln Ave                            | Garfield Ave                   | Garfield Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ | 12.50 | \$ | 3,432.00  |
| Howard St      | Philomene Blvd                         | Cleophas Pkwy                  | Cleophas Pkwy                  | 274.56  | 0.052 | Concrete | 4 | \$ | 12.50 | \$ | 3,432.00  |
| Kings Hwy      | Electric Ave                           | River Dr                       | River Dr                       | 211.2   | 0.04  | Concrete | 4 | \$ | 12.50 | \$ | 2,640.00  |
| Lafayette St   | Pagel Ave                              | Stewart Ave                    | Stewart Ave                    | 665.28  | 0.126 | Concrete | 4 | \$ | 12.50 | \$ | 8,316.00  |
| Lafayette St   | Liberty Ave                            | Gregory Ave                    | Gregory Ave                    | 274.56  | 0.052 | Concrete | 4 | \$ | 12.50 | \$ | 3,432.00  |
| Lafayette St   | Gregory Ave                            | Buckingham Ave                 | Buckingham Ave                 | 279.84  | 0.053 | Concrete | 4 | \$ | 12.50 | \$ | 3,498.00  |
| Lafayette St   | LeBlanc Ave                            | Michigan Ave                   | Michigan Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ | 12.50 | \$ | 3,432.00  |
|                |                                        |                                |                                | 300.96  | 0.057 | Concrete | 4 | \$ | 12.50 | \$ | 3,762.00  |



|                  |                          |                               |         |       |          |   |          |              |
|------------------|--------------------------|-------------------------------|---------|-------|----------|---|----------|--------------|
| Lafayette St     | Moran Ave                | River Bank Ave                | 295.68  | 0.056 | Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Leblanc Ave      | Fort St                  | Ferris Ave                    | 1050.72 | 0.199 | Concrete | 4 | \$ 12.50 | \$ 13,134.00 |
| Leleune Ave      | Cicote Ave               | Montie Rd                     | 601.92  | 0.114 | Concrete | 4 | \$ 12.50 | \$ 7,524.00  |
| Liberty Ave      | Fort Park Blvd           | Fort St                       | 438.24  | 0.083 | Concrete | 4 | \$ 12.50 | \$ 5,478.00  |
| Liberty Ave      | Helen Ave                | Hazel Ave                     | 654.72  | 0.124 | Concrete | 4 | \$ 12.50 | \$ 8,184.00  |
| Liberty Ave      | Goff Rd                  | Dix Ave                       | 828.96  | 0.157 | Concrete | 4 | \$ 12.50 | \$ 10,362.00 |
| Liberty Ave      | Ferris Ave               | Electric Ave & Buckingham Ave | 528     | 0.1   | Concrete | 4 | \$ 12.50 | \$ 6,600.00  |
| Mayflower Ct     | Mayflower Ave            | Marion Ave - Surface Change   | 295.68  | 0.056 | Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Merrill Ave      | London Ave               | Dead End                      | 190.08  | 0.036 | Concrete | 4 | \$ 12.50 | \$ 2,376.00  |
| Michigan Ave     | Wilson Ave               | Electric Ave                  | 147.84  | 0.028 | Concrete | 4 | \$ 12.50 | \$ 1,848.00  |
| Mill St          | Riopelle Ave             | Goff Rd                       | 770.88  | 0.146 | Concrete | 4 | \$ 12.50 | \$ 9,636.00  |
| Montie Rd        | Empire Ave               | City/Twp Line                 | 264     | 0.05  | Concrete | 4 | \$ 12.50 | \$ 3,300.00  |
| New York Ave     | Fort Park Blvd           | Fort St                       | 153.12  | 0.029 | Concrete | 4 | \$ 12.50 | \$ 1,914.00  |
| New York Ave     | Electric Ave             | Electric Ave                  | 406.56  | 0.077 | Concrete | 4 | \$ 12.50 | \$ 5,082.00  |
| New York Ave     | Electric Ave             | Electric Ave                  | 110.88  | 0.021 | Concrete | 4 | \$ 12.50 | \$ 1,386.00  |
| New York Ave     | Applewood Ave            | Applewood Ave                 | 372.08  | 0.061 | Concrete | 4 | \$ 12.50 | \$ 4,026.00  |
| O'Connor Ave     | Applewood Ave            | Pagel Ave                     | 770.88  | 0.146 | Concrete | 4 | \$ 12.50 | \$ 9,636.00  |
| O'Connor Ave     | Pingree Ave              | Pingree Ave                   | 295.68  | 0.056 | Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| O'Connor Ave     | Empire Ave               | Empire Ave                    | 306.24  | 0.058 | Concrete | 4 | \$ 12.50 | \$ 3,828.00  |
| O'Connor Ave     | Washington Ave           | Grant Ave                     | 290.4   | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00  |
| O'Connor Ave     | Wilson Ave               | Ethel Ave                     | 290.4   | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00  |
| O'Connor Ave     | Marion Ave               | Marion Ave                    | 290.4   | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00  |
| O'Connor Ave     | Austin Ave               | Ferris Ave                    | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| O'Connor Ave     | Leleune Ave              | Chandler Ave                  | 285.12  | 0.054 | Concrete | 4 | \$ 12.50 | \$ 3,564.00  |
| Park Ave         | Electric Ave             | Applewood Ave                 | 359.04  | 0.068 | Concrete | 4 | \$ 12.50 | \$ 4,488.00  |
| Philomene Blvd   | Dix Ave                  | Electric Ave                  | 110.88  | 0.021 | Concrete | 4 | \$ 12.50 | \$ 1,386.00  |
| Pingree Ave      | Russell Ave              | Cicote Ave                    | 897.6   | 0.17  | Concrete | 4 | \$ 12.50 | \$ 11,220.00 |
| Porter Ave       | College Ave              | Morris Ave                    | 660     | 0.125 | Concrete | 4 | \$ 12.50 | \$ 8,250.00  |
| Porter Ave       | Morris Ave               | Reo Ave                       | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Porter Ave       | Reo Ave                  | Montie Rd                     | 279.84  | 0.053 | Concrete | 4 | \$ 12.50 | \$ 3,498.00  |
| Porter Ave       | Olive Ave                | Outer Dr                      | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Porter Ave       | Olive Ave                | Stewart Ave                   | 63.36   | 0.012 | Concrete | 4 | \$ 12.50 | \$ 792.00    |
| Porter Ave       | Stewart Ave              | Cleophus Pkwy                 | 322.08  | 0.061 | Concrete | 4 | \$ 12.50 | \$ 4,026.00  |
| Porter St        | Cleophus Pkwy            | Merrill Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Porter St        | McLain Ave               | Mill St                       | 163.68  | 0.031 | Concrete | 4 | \$ 12.50 | \$ 2,046.00  |
| Progress Ave     | Green Ave                | Alper Ave                     | 295.68  | 0.056 | Concrete | 4 | \$ 12.50 | \$ 3,696.00  |
| Reo Ave          | Reo Ave - Surface Change | Josephine Ave                 | 950.4   | 0.18  | Concrete | 4 | \$ 12.50 | \$ 11,880.00 |
| Richmond Ave     | Abbott Ave               | Howard Ave                    | 179.52  | 0.034 | Concrete | 4 | \$ 12.50 | \$ 2,244.00  |
| Riopelle Ave     | Markese Ave              | Regina Ave                    | 786.72  | 0.149 | Concrete | 4 | \$ 12.50 | \$ 9,834.00  |
| Riopelle Ave     | Regina Ave               | Regina Ave                    | 184.8   | 0.035 | Concrete | 4 | \$ 12.50 | \$ 2,310.00  |
| Riopelle Ave     | Philomene Blvd           | Cleophus Pkwy                 | 100.32  | 0.019 | Concrete | 4 | \$ 12.50 | \$ 1,254.00  |
| Riopelle Ave     | Cleophus Pkwy            | S M 39                        | 306.24  | 0.058 | Concrete | 4 | \$ 12.50 | \$ 3,828.00  |
| River Bank Ave   | Electric Ave             | River Dr                      | 168.96  | 0.032 | Concrete | 4 | \$ 12.50 | \$ 2,112.00  |
| River Dr         | Harrison Blvd            | River Dr - Surface Change     | 380.16  | 0.072 | Concrete | 4 | \$ 12.50 | \$ 4,752.00  |
| Russell Ave      | Austin Ave               | Ferris Ave                    | 1446.72 | 0.274 | Concrete | 4 | \$ 12.50 | \$ 18,084.00 |
| Russell Ave      | Ferris Ave               | Wilson Ave                    | 264     | 0.05  | Concrete | 4 | \$ 12.50 | \$ 3,300.00  |
| Russell Ave      | Marion Ave               | Leleune Ave                   | 274.56  | 0.052 | Concrete | 4 | \$ 12.50 | \$ 3,432.00  |
| Russell Ave      | Applewood Ave            | Howard Ave                    | 290.4   | 0.068 | Concrete | 4 | \$ 12.50 | \$ 4,488.00  |
| Saint Johns Blvd | Abbott Ave               | Marshall Ave                  | 359.04  | 0.155 | Concrete | 4 | \$ 12.50 | \$ 10,230.00 |
| Stewart Ave      | Porter Ave               | Marshall Ave                  | 818.4   | 0.124 | Concrete | 4 | \$ 12.50 | \$ 8,184.00  |
| Victoria Ave     | Dead End                 | Warwick Ave - Surface Change  | 654.72  | 0.037 | Concrete | 4 | \$ 12.50 | \$ 2,442.00  |
| Warwick Ave      | Dix Ave                  |                               | 195.36  | 0.037 | Concrete | 4 | \$ 12.50 | \$ 2,442.00  |
|                  |                          |                               | 876.48  | 0.166 | Concrete | 4 | \$ 12.50 | \$ 10,956.00 |

|                |                                |                                |        |       |          |   |          |             |
|----------------|--------------------------------|--------------------------------|--------|-------|----------|---|----------|-------------|
| Wayne St       | London Ave                     | Schultz Ave                    | 290.4  | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00 |
| Wayne St       | Schultz Ave                    | Calvin Ave                     | 290.4  | 0.055 | Concrete | 4 | \$ 12.50 | \$ 3,630.00 |
| Wilson Ave     | Emmons Blvd                    | Hartwick Hwy                   | 306.24 | 0.058 | Concrete | 4 | \$ 12.50 | \$ 3,828.00 |
| Wilson Ave     | Liberty Ave                    | Winchester Ave                 | 306.24 | 0.058 | Concrete | 4 | \$ 12.50 | \$ 3,828.00 |
| Arlington Ave  | Arlington Ave - Surface Change | Buckingham Ave                 | 205.92 | 0.039 | Concrete | 4 | \$ 12.50 | \$ 2,574.00 |
| Austin Ave     | Park Ave                       | Arlington Ave - Surface Change | 132    | 0.025 | Asphalt  | 5 | \$ 10.00 | \$ 1,320.00 |
| Buckingham Ave | Howard Ave                     | Southfield Rd                  | 469.92 | 0.089 | Asphalt  | 5 | \$ 10.00 | \$ 4,699.20 |
| Buckingham Ave | Lafayette St                   | Lafayette St                   | 649.44 | 0.123 | Asphalt  | 5 | \$ 10.00 | \$ 6,494.40 |
| Buckingham Ave | Fort Park Blvd                 | Fort Park Blvd                 | 649.44 | 0.123 | Asphalt  | 5 | \$ 10.00 | \$ 6,494.40 |
| Chandler Ave   | Fort St                        | Fort Park Blvd                 | 411.84 | 0.094 | Asphalt  | 5 | \$ 10.00 | \$ 4,118.40 |
| Chandler Ave   | O'Connor Ave                   | Russell Ave                    | 411.84 | 0.078 | Asphalt  | 5 | \$ 10.00 | \$ 4,118.40 |
| Chandler Ave   | Park Ave                       | Southfield Rd                  | 718.08 | 0.136 | Asphalt  | 5 | \$ 10.00 | \$ 7,180.80 |
| Chandler Ave   | Progress Ave                   | Champaign Rd                   | 464.64 | 0.088 | Asphalt  | 5 | \$ 10.00 | \$ 4,646.40 |
| Cicotte Ave    | Farnham Ave                    | Mill St                        | 269.28 | 0.051 | Asphalt  | 5 | \$ 10.00 | \$ 2,692.80 |
| Cicotte Ave    | Fort St                        | Fort Park Blvd                 | 454.08 | 0.051 | Asphalt  | 5 | \$ 10.00 | \$ 4,540.80 |
| Cicotte Ave    | Applewood Ave                  | Pingree Ave                    | 295.68 | 0.056 | Asphalt  | 5 | \$ 10.00 | \$ 2,956.80 |
| Cicotte Ave    | Pingree Ave                    | Empire Ave                     | 300.96 | 0.057 | Asphalt  | 5 | \$ 10.00 | \$ 3,009.60 |
| Cleveland Ave  | Empire Ave                     | Grant Ave                      | 290.4  | 0.055 | Asphalt  | 5 | \$ 10.00 | \$ 2,904.00 |
| Cleveland Ave  | Fort Park Blvd                 | Lafayette Blvd                 | 966.24 | 0.183 | Asphalt  | 5 | \$ 10.00 | \$ 9,662.40 |
| Cleveland Ave  | Fort St                        | Fort Park Blvd                 | 422.4  | 0.08  | Asphalt  | 5 | \$ 10.00 | \$ 4,224.00 |
| Cleveland Ave  | Chandler Ave                   | Fort St                        | 844.8  | 0.16  | Asphalt  | 5 | \$ 10.00 | \$ 8,448.00 |
| Detroit Ave    | Fort St                        | Chandler Ave                   | 408.8  | 0.085 | Asphalt  | 5 | \$ 10.00 | \$ 4,088.00 |
| Detroit Ave    | Chandler Ave                   | Detroit Ave - Surface Change   | 538.56 | 0.102 | Asphalt  | 5 | \$ 10.00 | \$ 5,385.60 |
| Ferris Ave     | Capitol Ave                    | Mayflower Ave                  | 147.84 | 0.028 | Asphalt  | 5 | \$ 10.00 | \$ 1,478.40 |
| Ferris Ave     | Garfield Ave                   | White Ave                      | 353.76 | 0.067 | Asphalt  | 5 | \$ 10.00 | \$ 3,537.60 |
| Ferris Ave     | White Ave                      | White Ave                      | 264    | 0.05  | Asphalt  | 5 | \$ 10.00 | \$ 2,640.00 |
| Ferris Ave     | Park Ave                       | Park Ave                       | 36.96  | 0.007 | Asphalt  | 5 | \$ 10.00 | \$ 369.60   |
| Ferris Ave     | Liberty Ave                    | Cleophas Pkwy                  | 227.04 | 0.043 | Asphalt  | 5 | \$ 10.00 | \$ 2,270.40 |
| Fort Park Blvd | Gregory Ave                    | Buckingham Ave                 | 68.64  | 0.013 | Asphalt  | 5 | \$ 10.00 | \$ 686.40   |
| Garfield Ave   | Ferris Ave                     | Chandler Ave                   | 195.36 | 0.037 | Asphalt  | 5 | \$ 10.00 | \$ 1,953.60 |
| Grant Ave      | Southfield Rd                  | O'Connor Ave                   | 274.56 | 0.052 | Asphalt  | 5 | \$ 10.00 | \$ 2,745.60 |
| Grant Ave      | Russell Ave                    | Cicotte Ave                    | 274.56 | 0.052 | Asphalt  | 5 | \$ 10.00 | \$ 2,745.60 |
| Harford Ave    | Fort Park Blvd                 | Lafayette Blvd                 | 691.68 | 0.131 | Asphalt  | 5 | \$ 10.00 | \$ 6,916.80 |
| Kings Hwy      | River Dr                       | Shore Dr                       | 485.76 | 0.092 | Asphalt  | 5 | \$ 10.00 | \$ 4,857.60 |
| Lincoln Ave    | Fort St                        | Fort Park Blvd                 | 660    | 0.125 | Asphalt  | 5 | \$ 10.00 | \$ 6,600.00 |
| Lincoln Blvd   | Washington Ave                 | Wilson Ave                     | 902.88 | 0.171 | Asphalt  | 5 | \$ 10.00 | \$ 9,028.80 |
| Lincoln Blvd   | Wilson Ave                     | Ferris Ave                     | 432.96 | 0.082 | Asphalt  | 5 | \$ 10.00 | \$ 4,329.60 |
| Lincoln Blvd   | Ferris Ave                     | Chandler Ave                   | 427.68 | 0.081 | Asphalt  | 5 | \$ 10.00 | \$ 4,276.80 |
| Lincoln Blvd   | Chandler Ave                   | Fort St                        | 607.2  | 0.115 | Asphalt  | 5 | \$ 10.00 | \$ 6,072.00 |
| Marion Ave     | Marion Ave - Surface Change    | O'Connor Ave                   | 623.04 | 0.118 | Asphalt  | 5 | \$ 10.00 | \$ 6,230.40 |
| Marion Ave     | Russell Ave                    | Cicotte Ave                    | 686.4  | 0.13  | Asphalt  | 5 | \$ 10.00 | \$ 6,864.00 |
| Mayflower Ave  | Fort Park Blvd                 | Fort St                        | 850.08 | 0.161 | Asphalt  | 5 | \$ 10.00 | \$ 8,500.80 |
| Mayflower Ave  | Electric Ave                   | Pingree Ave                    | 380.16 | 0.072 | Asphalt  | 5 | \$ 10.00 | \$ 3,801.60 |
| Mayflower Ave  | Applewood Ave                  | Elliott Ave                    | 712.8  | 0.135 | Asphalt  | 5 | \$ 10.00 | \$ 7,128.00 |
| McKinley Ave   | White Ave                      | Park Ave                       | 654.72 | 0.124 | Asphalt  | 5 | \$ 10.00 | \$ 6,547.20 |
| Merrill Ave    | Fort Park Blvd                 | Porter Ave                     | 469.92 | 0.089 | Asphalt  | 5 | \$ 10.00 | \$ 4,699.20 |
| Michigan Ave   | Porter Ave                     |                                | 554.4  | 0.105 | Asphalt  | 5 | \$ 10.00 | \$ 5,544.00 |
|                |                                |                                | 623.04 | 0.118 | Asphalt  | 5 | \$ 10.00 | \$ 6,230.40 |
|                |                                |                                | 601.92 | 0.114 | Asphalt  | 5 | \$ 10.00 | \$ 6,019.20 |
|                |                                |                                | 290.4  | 0.055 | Asphalt  | 5 | \$ 10.00 | \$ 2,904.00 |
|                |                                |                                | 543.84 | 0.103 | Asphalt  | 5 | \$ 10.00 | \$ 5,438.40 |
|                |                                |                                | 665.28 | 0.126 | Asphalt  | 5 | \$ 10.00 | \$ 6,652.80 |

|                |                               |                                 |         |       |          |   |          |              |
|----------------|-------------------------------|---------------------------------|---------|-------|----------|---|----------|--------------|
| Michigan Ave   | Porter Ave                    | Abbott Ave                      | 654.72  | 0.124 | Asphalt  | 5 | \$ 10.00 | \$ 6,547.20  |
| Mill St        | River Dr                      | Elliot Ave                      | 712.8   | 0.135 | Asphalt  | 5 | \$ 10.00 | \$ 7,128.00  |
| Mill St        | Appelwood Ave                 | Pingree Ave                     | 612.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,127.60  |
| Mill St        | Washington Ave                | Wilson Ave                      | 628.32  | 0.119 | Asphalt  | 5 | \$ 10.00 | \$ 6,283.20  |
| Mill St        | Wilson Ave                    | Ferris Ave                      | 607.2   | 0.115 | Asphalt  | 5 | \$ 10.00 | \$ 6,072.00  |
| Mill St        | Chandler Ave                  | Fort St                         | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| New York Ave   | Fort St                       | Ferris Ave                      | 855.36  | 0.162 | Asphalt  | 5 | \$ 10.00 | \$ 8,553.60  |
| New York Ave   | Ferris Ave                    | Wilson Ave                      | 760.32  | 0.146 | Asphalt  | 5 | \$ 10.00 | \$ 7,603.20  |
| New York Ave   | Wilson Ave                    | Gogh Rd                         | 776.16  | 0.147 | Asphalt  | 5 | \$ 10.00 | \$ 7,761.60  |
| New York Ave   | Gogh Rd                       | Electric Ave                    | 638.88  | 0.121 | Asphalt  | 5 | \$ 10.00 | \$ 6,388.80  |
| Pagel Ave      | Dix Ave                       | Porter Ave                      | 675.84  | 0.128 | Asphalt  | 5 | \$ 10.00 | \$ 6,758.40  |
| Pagel Ave      | Lafayette St                  | Fort Park Blvd                  | 649.44  | 0.123 | Asphalt  | 5 | \$ 10.00 | \$ 6,494.40  |
| Park Ave       | McKinley Ave                  | Fort St                         | 158.4   | 0.03  | Asphalt  | 5 | \$ 10.00 | \$ 1,584.00  |
| Park Ave       | Appelwood Ave                 | Washington Ave                  | 1261.92 | 0.239 | Asphalt  | 5 | \$ 10.00 | \$ 12,619.20 |
| Park Ave       | Washington Ave                | Ferris Ave                      | 1224.96 | 0.232 | Asphalt  | 5 | \$ 10.00 | \$ 12,249.60 |
| Porter St      | Garfield Ave                  | White St                        | 174.24  | 0.033 | Asphalt  | 5 | \$ 10.00 | \$ 1,742.40  |
| Porter St      | White St                      | White St                        | 84.48   | 0.016 | Asphalt  | 5 | \$ 10.00 | \$ 844.80    |
| Progress Ave   | Chandler Ave                  | Ferris Ave                      | 691.68  | 0.131 | Asphalt  | 5 | \$ 10.00 | \$ 6,916.80  |
| Progress Ave   | Ferris Ave                    | Wilson Ave                      | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| Progress Ave   | Wilson Ave                    | Electric Ave                    | 174.24  | 0.033 | Asphalt  | 5 | \$ 10.00 | \$ 1,742.40  |
| Progress Ave   | Electric Ave                  | Washington Ave                  | 290.4   | 0.055 | Asphalt  | 5 | \$ 10.00 | \$ 2,904.00  |
| River Bank Ave | Porter Ave                    | River Bank Ave - Surface Change | 26.4    | 0.005 | Asphalt  | 5 | \$ 10.00 | \$ 264.00    |
| Rose Ave       | Russell Ave                   | Electric Ave                    | 675.84  | 0.128 | Asphalt  | 5 | \$ 10.00 | \$ 6,758.40  |
| Russell Ave    | Electric Ave - Surface Change | Chandler Ave                    | 47.52   | 0.009 | Asphalt  | 5 | \$ 10.00 | \$ 475.20    |
| Stewart Ave    | Wilson Ave                    | Deal End                        | 279.84  | 0.053 | Asphalt  | 5 | \$ 10.00 | \$ 2,798.40  |
| Victoria Ave   | Victoria Ave - Surface Change | Victoria Ave - Surface Change   | 781.44  | 0.148 | Asphalt  | 5 | \$ 10.00 | \$ 7,814.40  |
| Washington Ave | Southfield Rd                 | Victoria Ave - Surface Change   | 248.16  | 0.047 | Asphalt  | 5 | \$ 10.00 | \$ 2,481.60  |
| Washington Ave | O'Connor Ave                  | O'Connor Ave                    | 190.08  | 0.036 | Asphalt  | 5 | \$ 10.00 | \$ 1,900.80  |
| Washington Ave | O'Connor Ave                  | Monte Rd                        | 533.28  | 0.101 | Asphalt  | 5 | \$ 10.00 | \$ 5,332.80  |
| Washington Ave | Cicotte Ave                   | Elliot Ave                      | 723.36  | 0.137 | Asphalt  | 5 | \$ 10.00 | \$ 7,233.60  |
| White Ave      | River Dr                      | Appelwood Ave                   | 638.88  | 0.121 | Asphalt  | 5 | \$ 10.00 | \$ 6,388.80  |
| White Ave      | Pingree Ave                   | Washington Ave                  | 686.4   | 0.13  | Asphalt  | 5 | \$ 10.00 | \$ 6,864.00  |
| White Ave      | Washington Ave                | Wilson Ave                      | 617.76  | 0.117 | Asphalt  | 5 | \$ 10.00 | \$ 6,177.60  |
| White Ave      | Garfield Ave                  | White St                        | 633.6   | 0.12  | Asphalt  | 5 | \$ 10.00 | \$ 6,336.00  |
| Abbott Ave     | White St                      | Philonene Blvd                  | 607.2   | 0.115 | Asphalt  | 5 | \$ 10.00 | \$ 6,072.00  |
| Abbott Ave     | London Ave                    | Capitol Ave                     | 264     | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00  |
| Abbott Ave     | Detroit Ave                   | Progress Ave                    | 216.48  | 0.041 | Concrete | 5 | \$ 10.00 | \$ 2,164.80  |
| Abbott Ave     | Progress Ave                  | Rose Ave                        | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Abbott Ave     | Buckingham Ave                | Pagel Ave                       | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |
| Abbott Ave     | Pagel Ave                     | Stewart Ave                     | 253.44  | 0.048 | Concrete | 5 | \$ 10.00 | \$ 2,534.40  |
| Abbott Ave     | River Bank Ave                | Kings Hwy                       | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Abbott Ave     | Winchester Ave                | New York Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Abbott Ave     | New York Ave                  | Liberty Ave                     | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Abbott Ave     | Liberty Ave                   | Gregory Ave                     | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Abbott Ave     | Gregory Ave                   | Buckingham Ave                  | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Anne Ave       | Dix Ave                       | Porter Ave                      | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Anne Ave       | Porter Ave                    | Dead End                        | 1003.2  | 0.19  | Concrete | 5 | \$ 10.00 | \$ 10,032.00 |
| Appelwood Ave  | Detroit Ave                   | Champaign Rd                    | 237.6   | 0.045 | Concrete | 5 | \$ 10.00 | \$ 2,376.00  |
| Appelwood Ave  | Mill St                       | Cleveland Ave                   | 348.48  | 0.066 | Concrete | 5 | \$ 10.00 | \$ 3,484.80  |
| Arlington Ave  | Electric Ave                  | Electric Ave                    | 269.28  | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80  |
|                |                               |                                 | 89.76   | 0.017 | Concrete | 5 | \$ 10.00 | \$ 897.60    |

|                 |                                 |                               |         |       |          |   |          |              |
|-----------------|---------------------------------|-------------------------------|---------|-------|----------|---|----------|--------------|
| Austin Ave      | Cicotte Ave                     | Montie Rd                     | 971.52  | 0.184 | Concrete | 5 | \$ 10.00 | \$ 9,715.20  |
| Brest Ave       | Heleen Ave                      | Heleen Ave                    | 42.24   | 0.008 | Concrete | 5 | \$ 10.00 | \$ 422.40    |
| Brest Ave       | Agnes Ave                       | Irene Ave                     | 221.76  | 0.042 | Concrete | 5 | \$ 10.00 | \$ 2,217.60  |
| Brest Ave       | Brest Ave - Surface Change      | Dix Ave                       | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Brest Ave       | Dix Ave                         | Coolidge Ave                  | 10.56   | 0.002 | Concrete | 5 | \$ 10.00 | \$ 105.60    |
| Brest Ave       | Coolidge Ave                    | Porter Ave                    | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00  |
| Brouseville Ave | Best Ave                        | Burns Ave                     | 285.17  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Buckingham Ave  | Fort St                         | Old Goddard Rd                | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Buckingham Ave  | Ferris Ave                      | Ferris Ave                    | 1230.24 | 0.233 | Concrete | 5 | \$ 10.00 | \$ 12,302.40 |
| Buckingham Ave  | Wilson Ave                      | Wilson Ave                    | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ 6,758.40  |
| Burns Ave       | Gohl Rd                         | Gohl Rd                       | 776.16  | 0.147 | Concrete | 5 | \$ 10.00 | \$ 7,761.60  |
| Capitol Ave     | Brest Ave                       | Liberty Ave & Electric Ave    | 786.72  | 0.149 | Concrete | 5 | \$ 10.00 | \$ 7,867.20  |
| Capitol Ave     | Green Ave                       | Old Goddard Rd                | 538.56  | 0.102 | Concrete | 5 | \$ 10.00 | \$ 5,385.60  |
| Capitol Ave     | Howard Ave                      | Howard Ave                    | 1129.92 | 0.214 | Concrete | 5 | \$ 10.00 | \$ 11,299.20 |
| Capitol Ave     | Electric Ave                    | Alper Ave                     | 348.48  | 0.066 | Concrete | 5 | \$ 10.00 | \$ 3,484.80  |
| Capitol Ave     | Appelwood Ave                   | Electric Ave                  | 343.2   | 0.065 | Concrete | 5 | \$ 10.00 | \$ 3,432.00  |
| Capitol Ave     | Wilson Ave                      | Pingree Ave                   | 137.28  | 0.026 | Concrete | 5 | \$ 10.00 | \$ 1,372.80  |
| Champaign Rd    | Wilson Ave                      | Ferris Ave                    | 623.04  | 0.118 | Concrete | 5 | \$ 10.00 | \$ 6,230.40  |
| Champaign Rd    | Washington Ave                  | Washington Ave                | 612.48  | 0.116 | Concrete | 5 | \$ 10.00 | \$ 6,124.80  |
| Chandler Ave    | Pingree Ave                     | Pingree Ave                   | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Chandler Ave    | Cleveland Ave                   | Appelwood Ave                 | 633.6   | 0.12  | Concrete | 5 | \$ 10.00 | \$ 6,336.00  |
| Cicotte Ave     | Lincoln Blvd                    | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Cicotte Ave     | John A Papas Dr                 | Garfield Ave                  | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00  |
| Cleophas Pkwy   | Consolidated Rail Corporation   | Consolidated Rail Corporation | 369.6   | 0.07  | Concrete | 5 | \$ 10.00 | \$ 3,696.00  |
| Cleophas Pkwy   | Cleophas Pkwy - Surface Change  | Porter Ave                    | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ 6,758.40  |
| Cleophas Pkwy   | Elliott Ave                     | Lafayette Blvd                | 881.76  | 0.167 | Concrete | 5 | \$ 10.00 | \$ 8,817.60  |
| Cleophas Pkwy   | Appelwood Ave                   | Appelwood Ave                 | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Cleophas Pkwy   | Washington Ave                  | Washington Ave                | 1261.92 | 0.239 | Concrete | 5 | \$ 10.00 | \$ 12,619.20 |
| Cleophas Pkwy   | Wilson Ave                      | Wilson Ave                    | 607.2   | 0.115 | Concrete | 5 | \$ 10.00 | \$ 6,072.00  |
| Cleveland Ave   | Abbott Ave                      | Ferris Ave                    | 623.04  | 0.118 | Concrete | 5 | \$ 10.00 | \$ 6,230.40  |
| Cleveland Ave   | Dix Ave                         | Porter St                     | 770.88  | 0.146 | Concrete | 5 | \$ 10.00 | \$ 7,708.80  |
| Cleveland Ave   | Lafayette Blvd                  | Howard St                     | 929.28  | 0.151 | Concrete | 5 | \$ 10.00 | \$ 9,292.80  |
| Cleveland Ave   | Washington Ave                  | Wilson Ave                    | 797.28  | 0.116 | Concrete | 5 | \$ 10.00 | \$ 7,972.80  |
| Cloverlawn Ave  | Cloverlawn Ave - surface Change | Ferris Ave                    | 1061.28 | 0.201 | Concrete | 5 | \$ 10.00 | \$ 10,612.80 |
| Cloverlawn Ave  | Lafayette St                    | Fort Park Blvd                | 749.76  | 0.142 | Concrete | 5 | \$ 10.00 | \$ 7,497.60  |
| Cloverlawn Ave  | Porter Ave                      | Abbott Ave                    | 560     | 0.125 | Concrete | 5 | \$ 10.00 | \$ 5,600.00  |
| Cloverlawn Ave  | Detroit Ave - Surface Change    | Ferris Ave                    | 538.56  | 0.102 | Concrete | 5 | \$ 10.00 | \$ 5,385.60  |
| Cloverlawn Ave  | Ferris Ave                      | Wilson Ave                    | 623.04  | 0.118 | Concrete | 5 | \$ 10.00 | \$ 6,230.40  |
| Cloverlawn Ave  | Electric Ave                    | Washington Ave                | 137.28  | 0.026 | Concrete | 5 | \$ 10.00 | \$ 1,372.80  |
| Cloverlawn Ave  | Detroit Ct                      | Pingree Ave                   | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00  |
| Cloverlawn Ave  | Pingree Ave                     | Appelwood Ave                 | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Cloverlawn Ave  | Appelwood Ave                   | Elliott Ave                   | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Cloverlawn Ave  | Olive Ave                       | Dead End                      | 121.44  | 0.023 | Concrete | 5 | \$ 10.00 | \$ 1,214.40  |
| Cloverlawn Ave  | Southfield Rd                   | Arlington Ave                 | 406.56  | 0.077 | Concrete | 5 | \$ 10.00 | \$ 4,065.60  |
| Cloverlawn Ave  | Arlington Ave                   | O'Connor Ave                  | 469.92  | 0.089 | Concrete | 5 | \$ 10.00 | \$ 4,699.20  |
| Cloverlawn Ave  | Park Ave                        | Southfield Rd                 | 469.92  | 0.089 | Concrete | 5 | \$ 10.00 | \$ 4,699.20  |
| Cloverlawn Ave  | Merrill Ave                     | Capitol Ave                   | 422.4   | 0.08  | Concrete | 5 | \$ 10.00 | \$ 4,224.00  |
| Cloverlawn Ave  | Electric Ave                    | Electric Ave - surface Change | 42.24   | 0.008 | Concrete | 5 | \$ 10.00 | \$ 422.40    |
| Cloverlawn Ave  | Electric Ave                    | River Bank Ave                | 322.08  | 0.061 | Concrete | 5 | \$ 10.00 | \$ 3,220.80  |
| Cloverlawn Ave  | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00  |
| Cloverlawn Ave  | Emmons Blvd                     | Winchester Ave                | 316.8   | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00  |

|              |                          |                               |         |       |          |   |          |              |
|--------------|--------------------------|-------------------------------|---------|-------|----------|---|----------|--------------|
| Electric Ave | New York Ave             | Liberty Ave                   | 369.6   | 0.07  | Concrete | 5 | \$ 10.00 | \$ 3,696.00  |
| Elliott Ave  | Mayflower Ave            | Detroit Ave                   | 264     | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00  |
| Elliott Ave  | Detroit Ave              | Champaign Rd                  | 311.52  | 0.059 | Concrete | 5 | \$ 10.00 | \$ 3,115.20  |
| Elliott Ave  | Pagel Ave                | Stewart Ave                   | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Empire Ave   | Stewart Ave              | Capitol Ave                   | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Euclid Ave   | O'Connor Ave             | Russell Ave                   | 718.08  | 0.136 | Concrete | 5 | \$ 10.00 | \$ 7,180.80  |
| Euclid Ave   | Dix Ave                  | Frank Ave                     | 892.32  | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20  |
| Euclid Ave   | Dead End                 | Porter Ave                    | 237.6   | 0.045 | Concrete | 5 | \$ 10.00 | \$ 2,376.00  |
| Euclid Ave   | River Dr                 | Elliott Ave                   | 712.8   | 0.135 | Concrete | 5 | \$ 10.00 | \$ 7,128.00  |
| Euclid Ave   | River Dr                 | Appletwood Ave                | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Euclid Ave   | Appletwood Ave           | Pingree Ave                   | 633.6   | 0.12  | Concrete | 5 | \$ 10.00 | \$ 6,336.00  |
| Euclid Ave   | Pingree Ave              | Washington Ave                | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Euclid Ave   | Washington Ave           | Wilson Ave                    | 607.2   | 0.115 | Concrete | 5 | \$ 10.00 | \$ 6,072.00  |
| Euclid Ave   | Wilson Ave               | Ferris Ave                    | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Euclid Ave   | Ferris Ave               | Chandler Ave                  | 691.68  | 0.131 | Concrete | 5 | \$ 10.00 | \$ 6,916.80  |
| Euclid Ave   | Chandler Ave             | Fort St                       | 860.64  | 0.163 | Concrete | 5 | \$ 10.00 | \$ 8,606.40  |
| Euclid Ave   | Old Goddard Rd & 20th St | Dead End                      | 512.16  | 0.097 | Concrete | 5 | \$ 10.00 | \$ 5,121.60  |
| Euclid Ave   | Mill St                  | Cleveland Ave                 | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Ferris Ave               | Cleveland Ave                 | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Euclid Ave   | Cleophas Pkwy            | Southfield Rd                 | 269.28  | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80  |
| Euclid Ave   | Harrison Blvd            | Cloverlawn Ave                | 343.2   | 0.065 | Concrete | 5 | \$ 10.00 | \$ 3,432.00  |
| Euclid Ave   | Kings Hwy                | Emmons Blvd                   | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Euclid Ave   | Dix Ave                  | Abbott Ave                    | 1341.12 | 0.254 | Concrete | 5 | \$ 10.00 | \$ 13,411.20 |
| Euclid Ave   | Abbott Ave               | Howard Ave                    | 786.72  | 0.149 | Concrete | 5 | \$ 10.00 | \$ 7,867.20  |
| Euclid Ave   | Howard Ave               | Lafayette St                  | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Euclid Ave   | Longtin Ave              | Dix Ave                       | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Euclid Ave   | Ferris Ave               | Wilson Ave                    | 770.88  | 0.146 | Concrete | 5 | \$ 10.00 | \$ 7,708.80  |
| Euclid Ave   | Ruth Ave                 | Olive Ave                     | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Olive Ave                | Charter Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Charter Ave              | Council Ave                   | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Council Ave              | Montie Rd                     | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Montie Rd                | Reo Ave                       | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Euclid Ave   | Reo Ave                  | Morris Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Paris Ave                | University Ave                | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Euclid Ave   | Frank Ave                | Russell Ave                   | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Euclid Ave   | Keppen Blvd              | Euclid Ave                    | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Euclid Ave   | Howard St                | Dead End                      | 168.96  | 0.032 | Concrete | 5 | \$ 10.00 | \$ 1,689.60  |
| Euclid Ave   | Fort St                  | Fort Park Blvd                | 427.68  | 0.081 | Concrete | 5 | \$ 10.00 | \$ 4,276.80  |
| Euclid Ave   | River Dr                 | Elliott Ave                   | 686.4   | 0.13  | Concrete | 5 | \$ 10.00 | \$ 6,864.00  |
| Euclid Ave   | Kings Hwy                | Emmons Blvd                   | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Euclid Ave   | Dix Ave                  | Porter Ave                    | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ 6,758.40  |
| Euclid Ave   | Howard Ave               | Lafayette St                  | 649.44  | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40  |
| Euclid Ave   | Lafayette St             | Fort Park Blvd                | 649.44  | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40  |
| Euclid Ave   | Dixford Ave              | Raupp Pl                      | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Euclid Ave   | Dix Ave                  | Frank Ave                     | 892.32  | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20  |
| Euclid Ave   | Frank Ave                | City/Twin Line                | 126.72  | 0.024 | Concrete | 5 | \$ 10.00 | \$ 1,267.20  |
| Euclid Ave   | Hartwick Hwy             | Wayne St                      | 644.16  | 0.127 | Concrete | 5 | \$ 10.00 | \$ 6,441.60  |
| Euclid Ave   | Meyer Ct                 | Richmond Ave                  | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Euclid Ave   | Old Goddard Rd           | Hazel Ave Bridge              | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| Euclid Ave   | Ferris Ave               | Ferris Ave                    | 892.6   | 0.17  | Concrete | 5 | \$ 10.00 | \$ 8,926.00  |
| Euclid Ave   | Wilson Ave               | Wilson Ave                    | 770.88  | 0.146 | Concrete | 5 | \$ 10.00 | \$ 7,708.80  |
| Euclid Ave   | Electric Ave             | Highland Ave - Surface Change | 744.48  | 0.141 | Concrete | 5 | \$ 10.00 | \$ 7,444.80  |
| Euclid Ave   | Electric Ave             | River Dr & Shore Dr           | 517.44  | 0.098 | Concrete | 5 | \$ 10.00 | \$ 5,174.40  |

|                |                               |                                    |         |        |          |    |          |              |
|----------------|-------------------------------|------------------------------------|---------|--------|----------|----|----------|--------------|
| Highland Ave   | Emmons Blvd & Shore Dr        | River Dr                           | 1119.36 | 0.212  | Concrete | \$ | \$ 10.00 | \$ 11,193.60 |
| Hoover Ave     | Champaign Rd                  | Bailey Ave                         | 422.4   | 0.08   | Concrete | \$ | \$ 10.00 | \$ 4,224.00  |
| Howard Ave     | Stewart Ave                   | Merrill Ave                        | 274.56  | 0.052  | Concrete | \$ | \$ 10.00 | \$ 2,745.60  |
| Howard Ave     | London Ave                    | Capitol Ave                        | 285.12  | 0.054  | Concrete | \$ | \$ 10.00 | \$ 2,851.20  |
| Howard Ave     | Old Goddard Rd                | Saint Johns Blvd                   | 253.44  | 0.048  | Concrete | \$ | \$ 10.00 | \$ 2,534.40  |
| Howard Ave     | Saint Johns Blvd              | Ford Blvd                          | 306.24  | 0.058  | Concrete | \$ | \$ 10.00 | \$ 3,062.40  |
| Howard Ave     | Winchester Ave                | New York Ave                       | 295.68  | 0.056  | Concrete | \$ | \$ 10.00 | \$ 2,956.80  |
| Howard Ave     | New York Ave                  | Liberty Ave                        | 279.84  | 0.053  | Concrete | \$ | \$ 10.00 | \$ 2,798.40  |
| Howard St      | Liberty Ave                   | Gregory Ave                        | 279.84  | 0.053  | Concrete | \$ | \$ 10.00 | \$ 2,798.40  |
| Howard St      | Champaign Rd                  | McLain Ave                         | 285.12  | 0.054  | Concrete | \$ | \$ 10.00 | \$ 2,851.20  |
| Howard St      | McLain Ave                    | Mill St                            | 269.28  | 0.051  | Concrete | \$ | \$ 10.00 | \$ 2,692.80  |
| Howard St      | Mill St                       | Cleveland Ave                      | 253.44  | 0.048  | Concrete | \$ | \$ 10.00 | \$ 2,534.40  |
| Howard St      | Cleveland Ave                 | Lincoln Ave                        | 258.72  | 0.049  | Concrete | \$ | \$ 10.00 | \$ 2,587.20  |
| Howard St      | Howard St - Surface Change    | Philomene Blvd                     | 343.2   | 0.065  | Concrete | \$ | \$ 10.00 | \$ 3,432.00  |
| Keppen Blvd    | Lafayette Blvd                | Howard St                          | 670.56  | 0.127  | Concrete | \$ | \$ 10.00 | \$ 6,705.60  |
| Kings Hwy      | Fort St                       | Ferris Ave                         | 865.92  | 0.164  | Concrete | \$ | \$ 10.00 | \$ 8,659.20  |
| Kings Hwy      | Ferris Ave                    | Wilson Ave                         | 770.88  | 0.146  | Concrete | \$ | \$ 10.00 | \$ 7,708.80  |
| Kings Hwy      | Wilson Ave                    | Gohl Rd                            | 776.16  | 0.147  | Concrete | \$ | \$ 10.00 | \$ 7,761.60  |
| Lafayette Blvd | Keppen Blvd                   | Hanford Ave                        | 285.12  | 0.054  | Concrete | \$ | \$ 10.00 | \$ 2,851.20  |
| Lafayette Blvd | Hanford Ave                   | Charter Ave & N 175/Lafayette RAMP | 279.84  | 0.053  | Concrete | \$ | \$ 10.00 | \$ 2,798.40  |
| Lafayette Blvd | Montie Rd                     | University Ave                     | 448.8   | 0.085  | Concrete | \$ | \$ 10.00 | \$ 4,488.00  |
| Lafayette Blvd | Cicotte Ave                   | Demean Ave                         | 274.56  | 0.052  | Concrete | \$ | \$ 10.00 | \$ 2,745.60  |
| Lafayette Blvd | Reo Ave                       | Capitol Ave                        | 290.4   | 0.055  | Concrete | \$ | \$ 10.00 | \$ 2,904.00  |
| Lafayette Blvd | London Ave                    | Mayflower Ave                      | 285.12  | 0.054  | Concrete | \$ | \$ 10.00 | \$ 2,851.20  |
| Lafayette Blvd | Capitol Ave                   | Detroit Ave                        | 290.4   | 0.055  | Concrete | \$ | \$ 10.00 | \$ 2,904.00  |
| Lafayette Blvd | Mayflower Ave                 | Progress Ave                       | 290.4   | 0.055  | Concrete | \$ | \$ 10.00 | \$ 2,904.00  |
| Lafayette Blvd | Detroit Ave                   | Champaign Rd & Lafayette Blvd      | 475.2   | 0.09   | Concrete | \$ | \$ 10.00 | \$ 4,752.00  |
| Lafayette St   | Mark Ave                      | Merrill Ave                        | 279.84  | 0.053  | Concrete | \$ | \$ 10.00 | \$ 2,798.40  |
| Lafayette St   | Stewart Ave                   | Liberty Ave                        | 279.84  | 0.053  | Concrete | \$ | \$ 10.00 | \$ 2,798.40  |
| Lafayette St   | New York Ave                  | Pagel Ave                          | 353.76  | 0.067  | Concrete | \$ | \$ 10.00 | \$ 3,537.60  |
| Lafayette St   | Buckingham Ave                | Leblanc Ave                        | 311.52  | 0.059  | Concrete | \$ | \$ 10.00 | \$ 3,115.20  |
| Lafayette St   | Ford Blvd                     | Moran Ave                          | 1386.64 | 0.263  | Concrete | \$ | \$ 10.00 | \$ 13,886.40 |
| Leblanc Ave    | Michigan Ave                  | Gohl Rd                            | 660     | 0.125  | Concrete | \$ | \$ 10.00 | \$ 6,600.00  |
| Leblanc Ave    | Russell Ave                   | Cicotte Ave & River Dr             | 110.88  | 0.021  | Concrete | \$ | \$ 10.00 | \$ 1,108.80  |
| Liberty Ave    | Electric Ave & Buckingham Ave | Ferris Ave                         | 723.36  | 0.112  | Concrete | \$ | \$ 10.00 | \$ 7,233.60  |
| Liberty Ave    | Fort St                       | Mill St & Cleveland Ave            | 591.36  | 0.1013 | Concrete | \$ | \$ 10.00 | \$ 5,913.60  |
| Lincoln Ave    | Howard St                     | Consolidated Rail Corporation      | 670.56  | 0.127  | Concrete | \$ | \$ 10.00 | \$ 6,705.60  |
| London Ave     | Moore Ave                     | Fort Park Blvd                     | 1298.88 | 0.246  | Concrete | \$ | \$ 10.00 | \$ 12,988.80 |
| London Ave     | Lafayette St                  | City/Twp Line                      | 517.44  | 0.098  | Concrete | \$ | \$ 10.00 | \$ 5,174.40  |
| London Ave     | Fort Park Blvd                | Fort Park Blvd                     | 274.56  | 0.052  | Concrete | \$ | \$ 10.00 | \$ 2,745.60  |
| Markese Ave    | Riopelle Ave                  | Dix Ave                            | 464.64  | 0.088  | Concrete | \$ | \$ 10.00 | \$ 4,646.40  |
| Markese Ave    | Riopelle Ave                  | Mayflower Ct                       | 343.2   | 0.065  | Concrete | \$ | \$ 10.00 | \$ 3,432.00  |
| Mayflower Ave  | Lafayette St                  | Alper Ave                          | 454.08  | 0.086  | Concrete | \$ | \$ 10.00 | \$ 4,540.80  |
| Mayflower Ave  | Detroit Ave                   | N M 39 & Southfield Rd & S M 39    | 137.28  | 0.026  | Concrete | \$ | \$ 10.00 | \$ 1,372.80  |
| Mayflower Ave  | Mayflower Ct                  | Regina Ave                         | 596.64  | 0.113  | Concrete | \$ | \$ 10.00 | \$ 5,966.40  |
| McKinley Ave   | Park Ave                      | Dix Ave                            | 1119.36 | 0.212  | Concrete | \$ | \$ 10.00 | \$ 11,193.60 |
| McLain Ave     | Porter St                     | Riopelle Ave                       | 153.12  | 0.029  | Concrete | \$ | \$ 10.00 | \$ 1,531.20  |
| McLain Ave     | Regina Ave                    | Electric Ave & Pingree Ave         | 1008.48 | 0.191  | Concrete | \$ | \$ 10.00 | \$ 10,084.80 |
| Merrill Ave    | Dix Ave                       | Ferris Ave                         | 823.68  | 0.156  | Concrete | \$ | \$ 10.00 | \$ 8,236.80  |
| Michigan Ave   | Fort St                       | Dix Ave                            |         |        |          | \$ | \$ 10.00 | \$           |
| Mill St        | Porter St                     |                                    |         |        |          | \$ | \$ 10.00 | \$           |



|                |                                 |                             |         |       |          |   |          |              |
|----------------|---------------------------------|-----------------------------|---------|-------|----------|---|----------|--------------|
| Mill St        | Dix Ave                         | Riopelle Ave                | 1024.32 | 0.194 | Concrete | 5 | \$ 10.00 | \$ 10,243.20 |
| Mill St        | Mill St - Surface Change        | Lincoln Ave & Cleveland Ave | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Montie Rd      | Fort St                         | Fort Park Blvd              | 417.12  | 0.079 | Concrete | 5 | \$ 10.00 | \$ 4,171.20  |
| Montie Rd      | Lejeune Ave                     | Applewood Ave               | 374.88  | 0.071 | Concrete | 5 | \$ 10.00 | \$ 3,748.80  |
| Montie Rd      | Grant Ave                       | Washington Ave              | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |
| Myron Ave      | Washington Ave                  | Ethel Ave                   | 300.96  | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60  |
| New York Ave   | Emmons Ave                      | Abbot Ave                   | 897.6   | 0.17  | Concrete | 5 | \$ 10.00 | \$ 8,976.00  |
| New York Ave   | Lafayette St                    | Fort Park Blvd              | 649.44  | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40  |
| Oceana Ave     | Pagel Ave                       | River Dr                    | 396     | 0.075 | Concrete | 5 | \$ 10.00 | \$ 3,960.00  |
| OConnor Ave    | Champaign Rd                    | Riopelle Ave                | 696.96  | 0.132 | Concrete | 5 | \$ 10.00 | \$ 6,969.60  |
| OConnor Ave    | Dix Ave                         | Porter Ave                  | 1008.48 | 0.191 | Concrete | 5 | \$ 10.00 | \$ 10,084.80 |
| OConnor Ave    | Grant Ave                       | Washington Ave              | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |
| Pagel Ave      | Ethel Ave                       | Wilson Ave                  | 295.68  | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80  |
| Pagel Ave      | Fort St                         | Ferris Ave                  | 686.4   | 0.13  | Concrete | 5 | \$ 10.00 | \$ 6,864.00  |
| Park Ave       | Ferris Ave                      | Wilson Ave                  | 739.2   | 0.14  | Concrete | 5 | \$ 10.00 | \$ 7,392.00  |
| Park Ave       | Austin Ave                      | Chandler Ave                | 311.52  | 0.059 | Concrete | 5 | \$ 10.00 | \$ 3,115.20  |
| Park Ave       | Chandler Ave                    | Electric Ave                | 327.36  | 0.062 | Concrete | 5 | \$ 10.00 | \$ 3,273.60  |
| Pingree Ave    | Chandler Ave                    | Montie Rd                   | 205.92  | 0.039 | Concrete | 5 | \$ 10.00 | \$ 2,059.20  |
| Porter Ave     | Cicotte Ave                     | Richmond Ave                | 628.32  | 0.119 | Concrete | 5 | \$ 10.00 | \$ 6,283.20  |
| Porter Ave     | Council Ave                     | Charter Ave                 | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Porter Ave     | Charter Ave                     | Olive Ave                   | 274.56  | 0.041 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Porter Ave     | Merrill Ave                     | Richmond Ave                | 216.48  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,164.80  |
| Porter Ave     | Richmond Ave                    | London Ave                  | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Porter St      | London Ave                      | Capitol Ave                 | 279.84  | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40  |
| Porter St      | Champaign Rd                    | Marlese Ave                 | 311.52  | 0.059 | Concrete | 5 | \$ 10.00 | \$ 3,115.20  |
| Progress Ave   | Mill St                         | Cleveland Ave               | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Progress Ave   | Rose Ave                        | Porter Ave                  | 443.52  | 0.084 | Concrete | 5 | \$ 10.00 | \$ 4,435.20  |
| Regina Ave     | Abbot Ave                       | Green Ave                   | 190.08  | 0.036 | Concrete | 5 | \$ 10.00 | \$ 1,900.80  |
| Reo Ave        | Riopelle Ave                    | Dix Ave                     | 1203.84 | 0.228 | Concrete | 5 | \$ 10.00 | \$ 12,038.40 |
| Richmond Ave   | Josephine Ave                   | Lafayette Blvd              | 179.52  | 0.034 | Concrete | 5 | \$ 10.00 | \$ 1,795.20  |
| Richmond Ave   | Malvina Ave                     | Meyer Ct                    | 274.56  | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60  |
| Richmond Ave   | Lafayette St                    | Fort Park Blvd              | 654.72  | 0.124 | Concrete | 5 | \$ 10.00 | \$ 6,547.20  |
| Richmond Ave   | Fort Park Blvd                  | Fort St                     | 543.84  | 0.103 | Concrete | 5 | \$ 10.00 | \$ 5,438.40  |
| Richmond Ave   | New York Ave                    | Buckingham Ave              | 844.8   | 0.16  | Concrete | 5 | \$ 10.00 | \$ 8,448.00  |
| Riopelle Ave   | Buckingham Ave                  | Malvina Ave                 | 781.44  | 0.148 | Concrete | 5 | \$ 10.00 | \$ 7,814.40  |
| Riopelle Ave   | Oceana Ave                      | Oceana Ave                  | 100.32  | 0.019 | Concrete | 5 | \$ 10.00 | \$ 1,003.20  |
| Riopelle Ave   | Oceana Ave                      | Thomas Ave                  | 184.8   | 0.035 | Concrete | 5 | \$ 10.00 | \$ 1,848.00  |
| Riopelle Ave   | Thomas Ave                      | Thomas Ave                  | 105.6   | 0.02  | Concrete | 5 | \$ 10.00 | \$ 1,056.00  |
| Riopelle Ave   | White St                        | Markese Ave                 | 184.8   | 0.035 | Concrete | 5 | \$ 10.00 | \$ 1,848.00  |
| River Bank Ave | Hazel Ave                       | Philomene Blvd              | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| River Bank Ave | Porter Ave                      | Dix Ave                     | 828.96  | 0.157 | Concrete | 5 | \$ 10.00 | \$ 8,289.60  |
| River Bank Ave | River Bank Ave - Surface Change | Abbot Ave                   | 654.72  | 0.124 | Concrete | 5 | \$ 10.00 | \$ 6,547.20  |
| River Bank Ave | Golf Rd                         | Electric Ave                | 749.76  | 0.142 | Concrete | 5 | \$ 10.00 | \$ 7,497.60  |
| River Dr       | Emmons Blvd                     | River Ct                    | 1119.36 | 0.212 | Concrete | 5 | \$ 10.00 | \$ 11,193.60 |
| Rose Ave       | Wayne St                        | N Shore Dr                  | 480.48  | 0.091 | Concrete | 5 | \$ 10.00 | \$ 4,804.80  |
| Rose Ave       | Fort Park Blvd                  | Bailey Ave                  | 285.12  | 0.054 | Concrete | 5 | \$ 10.00 | \$ 2,851.20  |
| Rose Ave       | Detroit Ave                     | Fort St                     | 406.56  | 0.12  | Concrete | 5 | \$ 10.00 | \$ 4,065.60  |
| Rose Ave       | Progress Ave                    | Progress Ave                | 306.24  | 0.058 | Concrete | 5 | \$ 10.00 | \$ 3,062.40  |
| Russell Ave    | Dix Ave                         | Porter Ave                  | 617.76  | 0.117 | Concrete | 5 | \$ 10.00 | \$ 6,177.60  |
| Russell Ave    | Lafayette Blvd                  | Howard St                   | 892.32  | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20  |
| Russell Ave    | Chandler Ave                    | Austin Ave                  | 675.84  | 0.128 | Concrete | 5 | \$ 10.00 | \$ 6,758.40  |
| Russell Ave    | Chandler Ave                    | Austin Ave                  | 290.4   | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00  |

|                  |                |                             |                |        |       |          |   |          |             |
|------------------|----------------|-----------------------------|----------------|--------|-------|----------|---|----------|-------------|
| Russell Ave      | Wilson Ave     | Ethel Ave                   | Washington Ave | 290.4  | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00 |
| Russell Ave      | Washington Ave | Grant Ave                   | Pingree Ave    | 290.4  | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00 |
| Russell Ave      | Empire Ave     | Pingree Ave                 | Applewood Ave  | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| Saint Johns Blvd | Dead End       | Droutland Ave               | Bailey Ave     | 638.88 | 0.121 | Concrete | 5 | \$ 10.00 | \$ 6,388.80 |
| Schultz Ave      | Wayne St       | Howard Ave                  | Fort Park Blvd | 786.72 | 0.149 | Concrete | 5 | \$ 10.00 | \$ 7,867.20 |
| Stewart Ave      | Abbott Ave     | Fort St                     | Fort Park Blvd | 649.44 | 0.123 | Concrete | 5 | \$ 10.00 | \$ 6,494.40 |
| Stewart Ave      | Lafayette St   | Fort St                     | City/Twp Line  | 538.56 | 0.102 | Concrete | 5 | \$ 10.00 | \$ 5,385.60 |
| Thomas Ave       | Fort Park Blvd | City/Twp Line               | Frank Ave      | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| University Ave   | Dix Ave        | Frank Ave                   | Dead End       | 892.32 | 0.169 | Concrete | 5 | \$ 10.00 | \$ 8,923.20 |
| Warwick Ave      | Porter Ave     | Progress Ave                | Champaign Rd   | 237.6  | 0.045 | Concrete | 5 | \$ 10.00 | \$ 2,376.00 |
| Washington Ave   | Detroit Ave    | Champaign Rd                | Farnham Ave    | 163.68 | 0.031 | Concrete | 5 | \$ 10.00 | \$ 1,636.80 |
| Washington Ave   | Progress Ave   | Farnham Ave                 | Mill St        | 264    | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,640.00 |
| Washington Ave   | Champaign Rd   | Mill St                     | Cleveland Ave  | 264    | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00 |
| Washington Ave   | Mill St        | Cleveland Ave               | Lincoln Blvd   | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Washington Ave   | Lincoln Blvd   | Garfield Ave                | White Ave      | 300.96 | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60 |
| Washington Ave   | Garfield Ave   | White Ave                   | Park Ave       | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| Washington Ave   | White Ave      | Detroit Ave                 | Rose Ave       | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Wayne St         | Hartwick Hwy   | Detroit Ave                 | Rose Ave       | 264    | 0.05  | Concrete | 5 | \$ 10.00 | \$ 2,640.00 |
| Wayne St         | Progress Ave   | Rose Ave                    | City/Twp Line  | 300.96 | 0.057 | Concrete | 5 | \$ 10.00 | \$ 3,009.60 |
| White St         | Dix Ave        | Rose Ave                    | Mayflower Ave  | 295.68 | 0.056 | Concrete | 5 | \$ 10.00 | \$ 2,956.80 |
| White St         | Riopelle Ave   | City/Twp Line               | Mayflower Ave  | 897.6  | 0.17  | Concrete | 5 | \$ 10.00 | \$ 8,976.00 |
| Wilson Ave       | Capitol Ave    | Mayflower Ave               | Detroit Ave    | 153.12 | 0.029 | Concrete | 5 | \$ 10.00 | \$ 1,531.20 |
| Wilson Ave       | Mayflower Ave  | Detroit Ave                 | Champaign Rd   | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Wilson Ave       | Detroit Ave    | Champaign Rd                | Merrill Ave    | 190.08 | 0.051 | Concrete | 5 | \$ 10.00 | \$ 1,900.80 |
| Wilson Ave       | Progress Ave   | Champaign Rd                | Stewart Ave    | 274.56 | 0.052 | Concrete | 5 | \$ 10.00 | \$ 2,745.60 |
| Wilson Ave       | London Ave     | Capitol Ave                 | Highland Ave   | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Wilson Ave       | River Bank Ave | Highland Ave                | Kings Hwy      | 290.4  | 0.055 | Concrete | 5 | \$ 10.00 | \$ 2,904.00 |
| Wilson Ave       | Highland Ave   | Kings Hwy                   | Liberty Ave    | 269.28 | 0.051 | Concrete | 5 | \$ 10.00 | \$ 2,692.80 |
| Wilson Ave       | New York Ave   | Buckingham Ave              | Pagel Ave      | 316.8  | 0.06  | Concrete | 5 | \$ 10.00 | \$ 3,168.00 |
| Wilson Ave       | Buckingham Ave | Pagel Ave                   | Stewart Ave    | 279.84 | 0.053 | Concrete | 5 | \$ 10.00 | \$ 2,798.40 |
| Winchester Ave   | Myron Ave      | Winchester Ave & Emmons Ave | Albott Ave     | 211.2  | 0.04  | Concrete | 5 | \$ 10.00 | \$ 2,112.00 |
| Winchester Ave   | Albott Ave     | Myron Ave                   | Emmons Ave     | 834.24 | 0.158 | Concrete | 5 | \$ 10.00 | \$ 8,342.40 |
| Winchester Ave   | Emmons Ave     | Myron Ave                   |                | 258.72 | 0.049 | Concrete | 5 | \$ 10.00 | \$ 2,587.20 |

\$ 2,510,943.60



# SUMMARY OF ROADS FOR JOINT AND CRACK SEALING

## CITY OF LINCOLN PARK

Updated September 11, 2014

| Street         | From                          | To                              | Length (ft) | Length (mi) | Surface Type | Surface Rating | Cost Per LF (\$) | Total Cost (\$) |
|----------------|-------------------------------|---------------------------------|-------------|-------------|--------------|----------------|------------------|-----------------|
| River Bank Ave | Fort St                       | Ferris Ave                      | 929.28      | 0.176       | Concrete     | 10             | \$ 5.00          | \$ 4,646.40     |
| Hartwick Hwy   | Dead End                      | Hartwick Hwy                    | 617.76      | 0.117       | Concrete     | 9              | \$ 5.00          | \$ 3,088.80     |
| River Dr       | Midvale Ave                   | Bailey Ave                      | 42.24       | 0.008       | Concrete     | 9              | \$ 5.00          | \$ 211.20       |
| River Dr       | Stewart Ave                   | Capitol Ave                     | 168.96      | 0.032       | Concrete     | 9              | \$ 5.00          | \$ 844.80       |
| River Dr       | Capitol Ave                   | Mayflower Ave                   | 264         | 0.05        | Concrete     | 9              | \$ 5.00          | \$ 1,320.00     |
| River Dr       | Mayflower Ave                 | Detroit Ave                     | 264         | 0.05        | Concrete     | 9              | \$ 5.00          | \$ 1,320.00     |
| River Dr       | Detroit Ave                   | Champaign Rd                    | 274.56      | 0.052       | Concrete     | 9              | \$ 5.00          | \$ 1,372.80     |
| River Dr       | Champaign Rd                  | Farmham Ave                     | 279.84      | 0.053       | Concrete     | 9              | \$ 5.00          | \$ 1,399.20     |
| River Dr       | Farmham Ave                   | Mill St                         | 279.84      | 0.053       | Concrete     | 9              | \$ 5.00          | \$ 1,399.20     |
| River Dr       | Mill St                       | Cleveland Ave                   | 300.96      | 0.057       | Concrete     | 9              | \$ 5.00          | \$ 1,504.80     |
| River Dr       | Cleveland Ave                 | Lincoln Blvd                    | 300.96      | 0.057       | Concrete     | 9              | \$ 5.00          | \$ 1,504.80     |
| River Dr       | Lincoln Blvd                  | Garfield Ave                    | 332.64      | 0.063       | Concrete     | 9              | \$ 5.00          | \$ 1,663.20     |
| River Dr       | Garfield Ave                  | White Ave                       | 269.28      | 0.051       | Concrete     | 9              | \$ 5.00          | \$ 1,346.40     |
| River Dr       | White Ave                     | Park Ave                        | 279.84      | 0.053       | Concrete     | 9              | \$ 5.00          | \$ 1,399.20     |
| River Dr       | Park Ave                      | Southfield Rd                   | 675.84      | 0.128       | Concrete     | 9              | \$ 5.00          | \$ 3,379.20     |
| River Dr       | Southfield Rd                 | New York Ave                    | 417.12      | 0.079       | Concrete     | 9              | \$ 5.00          | \$ 2,085.60     |
| River Dr       | New York Ave                  | Stewart Ave                     | 174.24      | 0.033       | Concrete     | 9              | \$ 5.00          | \$ 871.20       |
| Bailey Ave     | London Ave                    | Schultz Ave                     | 264         | 0.05        | Asphalt      | 8              | \$ 7.00          | \$ 1,848.00     |
| Bailey Ave     | Schultz Ave                   | Calvin Ave                      | 285.12      | 0.054       | Asphalt      | 8              | \$ 7.00          | \$ 1,995.84     |
| Bailey Ave     | Calvin Ave                    | Hartwick Hwy                    | 311.52      | 0.059       | Asphalt      | 8              | \$ 7.00          | \$ 2,180.64     |
| Bailey Ave     | Hartwick Hwy                  | Detroit Ave                     | 306.24      | 0.058       | Asphalt      | 8              | \$ 7.00          | \$ 2,143.68     |
| Bailey Ave     | Detroit Ave                   | Progress Ave                    | 295.68      | 0.056       | Asphalt      | 8              | \$ 7.00          | \$ 2,069.76     |
| Bailey Ave     | Progress Ave                  | Rose Ave                        | 300.96      | 0.057       | Asphalt      | 8              | \$ 7.00          | \$ 2,106.72     |
| Bailey Ave     | Rose Ave                      | Mark Ave                        | 295.68      | 0.056       | Asphalt      | 8              | \$ 7.00          | \$ 2,069.76     |
| Bailey Ave     | Mark Ave                      | Hoover Ave                      | 469.92      | 0.089       | Asphalt      | 8              | \$ 7.00          | \$ 3,289.44     |
| Bailey Ave     | Hoover Ave                    | Champaign Rd                    | 184.8       | 0.035       | Asphalt      | 8              | \$ 7.00          | \$ 1,293.60     |
| Bailey Ave     | Champaign Rd                  | Schultz Ave                     | 232.32      | 0.044       | Asphalt      | 8              | \$ 7.00          | \$ 1,626.24     |
| Bailey Ave     | Schultz Ave                   | Calvin Ave                      | 369.6       | 0.07        | Asphalt      | 8              | \$ 7.00          | \$ 2,587.20     |
| Bailey Ave     | Calvin Ave                    | Hartwick Hwy                    | 300.96      | 0.057       | Asphalt      | 8              | \$ 7.00          | \$ 2,106.72     |
| Bailey Ave     | Hartwick Hwy                  | Progress Ave                    | 295.68      | 0.056       | Asphalt      | 8              | \$ 7.00          | \$ 2,069.76     |
| Bailey Ave     | Progress Ave                  | Mark Ave                        | 300.96      | 0.057       | Asphalt      | 8              | \$ 7.00          | \$ 2,106.72     |
| Bailey Ave     | Mark Ave                      | Hoover Ave                      | 295.68      | 0.056       | Asphalt      | 8              | \$ 7.00          | \$ 2,069.76     |
| Bailey Ave     | Hoover Ave                    | Bailey Ave                      | 84.48       | 0.016       | Asphalt      | 8              | \$ 7.00          | \$ 591.36       |
| Bailey Ave     | Bailey Ave                    | Porter St                       | 179.52      | 0.034       | Asphalt      | 8              | \$ 7.00          | \$ 1,256.64     |
| Bailey Ave     | Porter St                     | Dix Ave                         | 718.08      | 0.136       | Asphalt      | 8              | \$ 7.00          | \$ 5,026.56     |
| Champaign Rd   | Consolidated Rail Corporation | Consolidated Rail Corporation   | 110.88      | 0.021       | Asphalt      | 8              | \$ 7.00          | \$ 776.16       |
| Champaign Rd   | Porter St                     | Electric Ave                    | 279.84      | 0.053       | Asphalt      | 8              | \$ 7.00          | \$ 1,958.88     |
| Croette Ave    | Chandler Ave                  | Croette Ave                     | 79.2        | 0.015       | Asphalt      | 8              | \$ 7.00          | \$ 554.40       |
| Cloverlawn Ave | Fort St                       | Cloverlawn Ave - surface Change | 63.36       | 0.012       | Asphalt      | 8              | \$ 7.00          | \$ 443.52       |
| Ferris Ave     | Dead End                      | Harrison Blvd                   | 158.4       | 0.03        | Asphalt      | 8              | \$ 7.00          | \$ 1,108.80     |
| Fort Park Blvd | Croette Ave                   | University Ave                  | 274.56      | 0.052       | Asphalt      | 8              | \$ 7.00          | \$ 1,921.92     |
| Hartwick Hwy   | Mark Ave                      | Champaign Rd                    | 89.76       | 0.017       | Asphalt      | 8              | \$ 7.00          | \$ 628.32       |
| Hoover Ave     | Bailey Ave                    | Bailey Ave                      | 58.08       | 0.011       | Asphalt      | 8              | \$ 7.00          | \$ 406.56       |
| London Ave     | Bailey Ave                    | Bailey Ave                      | 100.32      | 0.019       | Asphalt      | 8              | \$ 7.00          | \$ 702.24       |
| London Ave     | Hazel Ave                     | Dix Ave                         | 828.96      | 0.157       | Asphalt      | 8              | \$ 7.00          | \$ 5,802.72     |

|                           |                                |                                |                                |         |       |          |   |    |      |    |          |
|---------------------------|--------------------------------|--------------------------------|--------------------------------|---------|-------|----------|---|----|------|----|----------|
| Mark Ave                  | Bailey Ave                     | Bailey Ave                     | Porter Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| Merrill Ave               | Dix Ave                        | Porter Ave                     | Bailey Ave                     | 675.84  | 0.128 | Asphalt  | 8 | \$ | 7.00 | \$ | 4,330.88 |
| Progress Ave              | Bailey Ave                     | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| Rose Ave                  | Bailey Ave                     | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| Schultz Ave               | Bailey Ave                     | Bailey Ave                     | Bailey Ave                     | 58.08   | 0.011 | Asphalt  | 8 | \$ | 7.00 | \$ | 406.56   |
| White Ave                 | Fort St                        | Forest Ave                     | Forest Ave                     | 200.64  | 0.038 | Asphalt  | 8 | \$ | 7.00 | \$ | 1,404.48 |
| Angelique Ave             | Riopelle Ave                   | City/Twp Line                  | City/Twp Line                  | 274.56  | 0.052 | Concrete | 8 | \$ | 7.00 | \$ | 1,921.92 |
| Applewood Ave             | Cleveland Ave - Surface Change | Lincoln Blvd                   | Lincoln Blvd                   | 147.84  | 0.028 | Concrete | 8 | \$ | 5.00 | \$ | 739.20   |
| Applewood Ave             | Garfield Ave                   | Garfield Ave                   | Garfield Ave                   | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Applewood Ave             | White Ave                      | White Ave                      | White Ave                      | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Applewood Ave             | Park Ave                       | Park Ave                       | Park Ave                       | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Applewood Ave             | Cleophas Pkwy                  | Cleophas Pkwy                  | Southfield Rd                  | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Arlington Ave             | Dix Ave                        | Arlington Ave - Surface Change | Arlington Ave - Surface Change | 84.48   | 0.016 | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Arlington Ave             | Attribute Change               | Fort St                        | Fort St                        | 153.12  | 0.029 | Concrete | 8 | \$ | 5.00 | \$ | 765.60   |
| Capitol Ave               | Porter Ave                     | Abbott Ave                     | Abbott Ave                     | 660     | 0.125 | Concrete | 8 | \$ | 5.00 | \$ | 3,300.00 |
| Champaign Rd              | Dix Ave                        | Bailey Ave                     | Bailey Ave                     | 137.28  | 0.026 | Concrete | 8 | \$ | 5.00 | \$ | 686.40   |
| Champaign Rd              | Bailey Ave                     | Thomas Ave                     | Thomas Ave                     | 295.68  | 0.056 | Concrete | 8 | \$ | 5.00 | \$ | 1,478.40 |
| Champaign Rd              | Hoover Ave                     | Hoover Ave                     | Hoover Ave                     | 205.92  | 0.039 | Concrete | 8 | \$ | 5.00 | \$ | 1,029.60 |
| Champaign Rd              | Oceana Ave                     | Oceana Ave                     | Oceana Ave                     | 237.6   | 0.045 | Concrete | 8 | \$ | 5.00 | \$ | 1,188.00 |
| Champaign Rd              | Mark Ave                       | Mark Ave                       | Mark Ave                       | 147.84  | 0.028 | Concrete | 8 | \$ | 5.00 | \$ | 739.20   |
| Champaign Rd              | Rose Ave                       | Rose Ave                       | Rose Ave                       | 348.48  | 0.066 | Concrete | 8 | \$ | 5.00 | \$ | 1,742.40 |
| Champaign Rd              | Riopelle Ave                   | Riopelle Ave                   | Riopelle Ave                   | 322.08  | 0.061 | Concrete | 8 | \$ | 5.00 | \$ | 1,610.40 |
| Champaign Rd              | Progress Ave                   | Progress Ave                   | Progress Ave                   | 31.68   | 0.006 | Concrete | 8 | \$ | 5.00 | \$ | 158.40   |
| Champaign Rd              | City/Twp Line                  | City/Twp Line                  | City/Twp Line                  | 184.8   | 0.035 | Concrete | 8 | \$ | 5.00 | \$ | 924.00   |
| Champaign Rd              | Frank Ave                      | City/Twp Line                  | City/Twp Line                  | 190.08  | 0.036 | Concrete | 8 | \$ | 5.00 | \$ | 924.00   |
| Champaign Rd              | S I 75                         | John A Papalas Dr              | John A Papalas Dr              | 116.16  | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Cicotte Ave               | Porter Ave                     | Dix Ave                        | Dix Ave                        | 227.04  | 0.043 | Concrete | 8 | \$ | 5.00 | \$ | 1,135.20 |
| Cicotte Ave               | Lafayette Blvd                 | Howard St                      | Howard St                      | 1008.48 | 0.128 | Concrete | 8 | \$ | 5.00 | \$ | 3,379.20 |
| Cicotte Ave               | Howard St                      | N I 75                         | N I 75                         | 227.04  | 0.043 | Concrete | 8 | \$ | 5.00 | \$ | 1,135.20 |
| College Ave               | Frank Ave                      | City/Twp Line                  | City/Twp Line                  | 121.44  | 0.023 | Concrete | 8 | \$ | 5.00 | \$ | 607.20   |
| Council Ave               | Dix Ave                        | Frank Ave                      | Frank Ave                      | 892.32  | 0.169 | Concrete | 8 | \$ | 5.00 | \$ | 4,461.60 |
| Council Ave               | Fort St                        | City/Twp Line                  | City/Twp Line                  | 116.16  | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Council Ave               | Kaler Ave                      | Fort Park Blvd                 | Fort Park Blvd                 | 163.68  | 0.031 | Concrete | 8 | \$ | 5.00 | \$ | 818.40   |
| E Outer/St Lafayette Ramp | Lafayette Blvd                 | 5 Outer/N I 75 RAMP & Outer Dr | 5 Outer/N I 75 RAMP & Outer Dr | 290.4   | 0.055 | Concrete | 8 | \$ | 5.00 | \$ | 1,452.00 |
| Emmons Blvd               | Kings Hwy & Winchester Ave     | Myron Ave                      | Myron Ave                      | 179.52  | 0.034 | Concrete | 8 | \$ | 5.00 | \$ | 897.60   |
| Emmons Blvd               | Myron Ave                      | Abbott Ave                     | Abbott Ave                     | 401.28  | 0.076 | Concrete | 8 | \$ | 5.00 | \$ | 2,006.40 |
| Emmons Blvd               | Howard Ave                     | Howard Ave                     | Howard Ave                     | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Emmons Blvd               | Howard Ave                     | Winchester Ave                 | Winchester Ave                 | 781.44  | 0.148 | Concrete | 8 | \$ | 5.00 | \$ | 3,379.20 |
| Eucild Ave                | Frank Ave                      | City/Twp Line                  | City/Twp Line                  | 823.68  | 0.156 | Concrete | 8 | \$ | 5.00 | \$ | 4,118.40 |
| Fort Blvd                 | Fort St                        | Ferris Ave                     | Ferris Ave                     | 126.72  | 0.024 | Concrete | 8 | \$ | 5.00 | \$ | 633.60   |
| Fort Park Blvd            | O'Connor Ave                   | Eucild Ave                     | Eucild Ave                     | 1092.96 | 0.207 | Concrete | 8 | \$ | 5.00 | \$ | 5,464.80 |
| Fort Park Blvd            | Eucild Ave                     | Russell Ave                    | Russell Ave                    | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Fort Park Blvd            | Russell Ave                    | Keppen Blvd                    | Keppen Blvd                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd            | Keppen Blvd                    | Hanford Ave                    | Hanford Ave                    | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Fort Park Blvd            | Hanford Ave                    | Cicotte Ave                    | Cicotte Ave                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd            | University Ave                 | Paris Ave                      | Paris Ave                      | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd            | College Ave                    | College Ave                    | College Ave                    | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Fort Park Blvd            | Morris Ave                     | Morris Ave                     | Morris Ave                     | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd            | Morris Ave                     | Ren Ave                        | Ren Ave                        | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |

|                |                                    |                                   |         |       |          |   |    |      |    |          |
|----------------|------------------------------------|-----------------------------------|---------|-------|----------|---|----|------|----|----------|
| Fort Park Blvd | Reo Ave                            | Montie Rd                         | 95.04   | 0.018 | Concrete | 8 | \$ | 5.00 | \$ | 475.20   |
| Fort Park Blvd | Montie Rd                          | Council Ave                       | 501.6   | 0.095 | Concrete | 8 | \$ | 5.00 | \$ | 2,508.00 |
| Fort Park Blvd | N M 39                             | Anne Ave                          | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd | Anne Ave                           | Arlington Ave                     | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd | Arlington Ave                      | Warwick Ave                       | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Fort Park Blvd | Warwick Ave                        | O'Connor Ave                      | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Frank Ave      | Outer Dr                           | Ruth Ave                          | 353.76  | 0.067 | Concrete | 8 | \$ | 5.00 | \$ | 1,768.80 |
| Garfield Ave   | Garfield Ave - surface Change      | Riopelle Ave                      | 142.56  | 0.027 | Concrete | 8 | \$ | 5.00 | \$ | 712.80   |
| Hazel Ave      | Richmond Ave                       | London Ave                        | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Hazel Ave      | Hazel Ave Bridge                   | Saint Johns Blvd                  | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Hazel Ave      | Saint Johns Blvd                   | Ford Blvd                         | 380.16  | 0.072 | Concrete | 8 | \$ | 5.00 | \$ | 1,900.80 |
| Hazel Ave      | Ford Blvd                          | LeBlanc Ave                       | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Hazel Ave      | Michigan Ave                       | Moran Ave                         | 295.68  | 0.056 | Concrete | 8 | \$ | 5.00 | \$ | 1,478.40 |
| Hazel Ave      | Michigan Ave                       | River Bank Ave                    | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Hazel Ave      | River Bank Ave                     | Dead End                          | 295.68  | 0.056 | Concrete | 8 | \$ | 5.00 | \$ | 1,478.40 |
| Helen Ave      | Buckingham Ave                     | Pagel Ave                         | 142.56  | 0.027 | Concrete | 8 | \$ | 5.00 | \$ | 712.80   |
| Highland Ave   | River Dr & Highland Ave            | Kings Hwy                         | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Highland Ave   | Kings Hwy                          | Emmons Blvd & N Shore Dr          | 712.8   | 0.135 | Concrete | 8 | \$ | 5.00 | \$ | 3,564.00 |
| Howard Ave     | Merrill Ave                        | Richmond Ave                      | 300.96  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Howard Ave     | Richmond Ave                       | London Ave                        | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Howard St      | Cicotte Ave                        | University Ave                    | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Howard St      | N M 39                             | Hanover Ave                       | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Jonas Ave      | Hanover Ave                        | Anne Ave                          | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Lafayette Blvd | Riopelle Ave                       | City/Twp Line                     | 274.56  | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,392.80 |
| Lafayette Blvd | Charter Ave & N 175/Lafayette RAMP | Lafayette RAMP                    | 332.64  | 0.063 | Concrete | 8 | \$ | 5.00 | \$ | 1,663.20 |
| Lafayette Blvd | Lafayette Blvd                     | E Outer/S Lafayette Ramp          | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Lafayette Blvd | E Outer/S Lafayette Ramp           | Outer Dr & W Outer/Lafayette TURN | 179.52  | 0.034 | Concrete | 8 | \$ | 5.00 | \$ | 897.60   |
| Lafayette Blvd | Lafayette Blvd                     | Outer Dr & W Outer/Lafayette TURN | 443.52  | 0.084 | Concrete | 8 | \$ | 5.00 | \$ | 2,217.60 |
| LeBlanc Ave    | Dix Ave                            | Porter Ave                        | 660     | 0.125 | Concrete | 8 | \$ | 5.00 | \$ | 3,300.00 |
| London Ave     | Consolidated Rail Corporation      | Porter St                         | 142.56  | 0.027 | Concrete | 8 | \$ | 5.00 | \$ | 712.80   |
| Markese Ave    | Dix Ave                            | Dead End                          | 702.52  | 0.134 | Concrete | 8 | \$ | 5.00 | \$ | 3,537.60 |
| Markese Ave    | Porter St                          | Grant Ave                         | 374.88  | 0.071 | Concrete | 8 | \$ | 5.00 | \$ | 1,874.40 |
| Montie Rd      | Empire Ave                         | Montie Rd - Surface Change        | 137.28  | 0.026 | Concrete | 8 | \$ | 5.00 | \$ | 686.40   |
| Montie Rd      | Montie Rd                          | Porter Ave                        | 242.88  | 0.046 | Concrete | 8 | \$ | 5.00 | \$ | 3,273.60 |
| Moran Ave      | Dix Ave                            | Abbott Ave                        | 654.72  | 0.124 | Concrete | 8 | \$ | 5.00 | \$ | 3,326.40 |
| Moran Ave      | Porter Ave                         | Howard Ave                        | 786.72  | 0.149 | Concrete | 8 | \$ | 5.00 | \$ | 3,933.60 |
| Moran Ave      | Howard Ave                         | Lafayette St                      | 649.44  | 0.123 | Concrete | 8 | \$ | 5.00 | \$ | 3,247.20 |
| Moran Ave      | Lafayette St                       | Fort St                           | 881.76  | 0.167 | Concrete | 8 | \$ | 5.00 | \$ | 4,408.80 |
| Moran Ave      | Fort St                            | Ferris Ave                        | 966.24  | 0.183 | Concrete | 8 | \$ | 5.00 | \$ | 4,831.20 |
| Moran Ave      | Ferris Ave                         | Wilson Ave                        | 770.88  | 0.146 | Concrete | 8 | \$ | 5.00 | \$ | 3,854.40 |
| Moran Ave      | Wilson Ave                         | Gohl Rd                           | 776.16  | 0.147 | Concrete | 8 | \$ | 5.00 | \$ | 3,880.80 |
| Moran Ave      | Gohl Rd                            | Electric Ave                      | 1219.68 | 0.231 | Concrete | 8 | \$ | 5.00 | \$ | 6,098.40 |
| Moran Ave      | Electric Ave                       | River Dr                          | 264     | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Morris Ave     | Frank Ave                          | City/Twp Line                     | 121.44  | 0.023 | Concrete | 8 | \$ | 5.00 | \$ | 607.20   |
| Old Goddard Rd | Ford Line Rd                       | Helen Ave                         | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd | Helen Ave                          | Irene Ave                         | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Old Goddard Rd | Hazel Ave                          | Hazel Ave                         | 269.28  | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Old Goddard Rd | Agnes Ave                          | Agnes Ave                         | 274.56  | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Old Goddard Rd | Longlin Ave                        | Longlin Ave                       | 279.84  | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Old Goddard Rd | Longlin Ave                        | Dix Ave                           | 322.08  | 0.061 | Concrete | 8 | \$ | 5.00 | \$ | 1,610.40 |
| Old Goddard Rd | Coolidge Ave                       | Porter Ave                        | 285.12  | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |

|                  |                               |                           |        |       |          |   |    |      |    |          |
|------------------|-------------------------------|---------------------------|--------|-------|----------|---|----|------|----|----------|
| Old Goddard Rd   | Porter Ave                    | Burns Ave                 | 443.52 | 0.084 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd   | Abbott Ave                    | Brouseville Ave           | 290.4  | 0.055 | Concrete | 8 | \$ | 5.00 | \$ | 2,217.60 |
| Old Goddard Rd   | High St                       | Howard Ave                | 300.96 | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,452.00 |
| Old Goddard Rd   | Howard Ave                    | Howard Ave                | 237.6  | 0.015 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Old Goddard Rd   | Howard Ave                    | Duplex Ave                | 79.2   | 0.015 | Concrete | 8 | \$ | 5.00 | \$ | 396.00   |
| Old Goddard Rd   | Duplex Ave                    | Lafayette St              | 264    | 0.05  | Concrete | 8 | \$ | 5.00 | \$ | 1,320.00 |
| Old Goddard Rd   | Lafayette St                  | Hubbard Ave               | 348.48 | 0.066 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Old Goddard Rd   | Hubbard Ave                   | Drouillard Ave            | 322.08 | 0.061 | Concrete | 8 | \$ | 5.00 | \$ | 1,742.40 |
| Old Goddard Rd   | Drouillard Ave                | Fort St                   | 195.36 | 0.037 | Concrete | 8 | \$ | 5.00 | \$ | 1,610.40 |
| Olive Ave        | Frank Ave                     | City/Twp Line             | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 976.80   |
| Pagel Ave        | Electric Ave                  | Electric Ave              | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Paris Ave        | Frank Ave                     | City/Twp Line             | 121.44 | 0.023 | Concrete | 8 | \$ | 5.00 | \$ | 607.20   |
| Pennsylvania Ave | Demean Ave                    | Monte Rd                  | 174.24 | 0.033 | Concrete | 8 | \$ | 5.00 | \$ | 871.20   |
| Porter Ave       | N M 39                        | Horger Ave                | 274.56 | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Porter Ave       | Hamford Ave                   | Cicotte Ave               | 274.56 | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Porter Ave       | Cicotte Ave                   | University Ave            | 279.84 | 0.053 | Concrete | 8 | \$ | 5.00 | \$ | 1,399.20 |
| Porter Ave       | University Ave                | Paris Ave                 | 285.12 | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 1,425.60 |
| Reo Ave          | Frank Ave                     | College Ave               | 274.56 | 0.052 | Concrete | 8 | \$ | 5.00 | \$ | 1,372.80 |
| Richmond Ave     | Porter Ave                    | City/Twp Line             | 116.16 | 0.022 | Concrete | 8 | \$ | 5.00 | \$ | 580.80   |
| Riopelle Ave     | Champaign Rd                  | Abbott Ave                | 654.72 | 0.124 | Concrete | 8 | \$ | 5.00 | \$ | 3,773.60 |
| Riopelle Ave     | Jonas Ave                     | Angelique Ave             | 285.12 | 0.054 | Concrete | 8 | \$ | 5.00 | \$ | 792.00   |
| Riopelle Ave     | McLain Ave                    | McLain Ave                | 100.32 | 0.019 | Concrete | 8 | \$ | 5.00 | \$ | 501.60   |
| Riopelle Ave     | Mill St                       | Mill St                   | 195.36 | 0.037 | Concrete | 8 | \$ | 5.00 | \$ | 976.80   |
| Riopelle Ave     | Mill St                       | Cleveland Ave             | 195.36 | 0.037 | Concrete | 8 | \$ | 5.00 | \$ | 976.80   |
| Riopelle Ave     | Cleveland Ave                 | Garfield Ave              | 147.84 | 0.028 | Concrete | 8 | \$ | 5.00 | \$ | 739.20   |
| Riopelle Ave     | Cleveland Ave                 | Dead End                  | 300.96 | 0.057 | Concrete | 8 | \$ | 5.00 | \$ | 1,504.80 |
| Ruth Ave         | Wilson Ave                    | Saint Johns Ct & Gohl Rd  | 95.04  | 0.018 | Concrete | 8 | \$ | 5.00 | \$ | 475.20   |
| Saint Johns Blvd | Saint Johns Blvd & Gohl Rd    | Dead End                  | 755.04 | 0.143 | Concrete | 8 | \$ | 5.00 | \$ | 3,775.20 |
| Wilson Ave       | Farnham Ave                   | Mill St                   | 221.76 | 0.047 | Concrete | 8 | \$ | 5.00 | \$ | 1,108.80 |
| Atlington Ave    | Porter Ave                    | Dead End                  | 269.28 | 0.051 | Concrete | 8 | \$ | 5.00 | \$ | 1,346.40 |
| Bailey Ave       | Progress Ave                  | Rose Ave                  | 242.88 | 0.046 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,943.04 |
| Bailey Ave       | Hoover Ave                    | Champaign Rd              | 295.68 | 0.056 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,365.44 |
| Capitol Ave      | River Dr                      | Elliott Ave               | 448.8  | 0.085 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,590.40 |
| Capitol Ave      | Elliott Ave                   | Lacleda Blvd              | 612.48 | 0.116 | Asphalt  | 7 | \$ | 8.00 | \$ | 4,899.84 |
| Capitol Ave      | Lacleda Blvd                  | Applewood Ave             | 300.96 | 0.057 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,407.68 |
| Champaign Rd     | Howard St                     | N I 75                    | 316.8  | 0.06  | Asphalt  | 7 | \$ | 8.00 | \$ | 2,534.40 |
| Champaign Rd     | Fort St                       | Chandler Ave              | 939.84 | 0.178 | Asphalt  | 7 | \$ | 8.00 | \$ | 7,518.72 |
| Champaign Rd     | Chandler Ave                  | Ferris Ave                | 802.56 | 0.152 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,420.48 |
| Cicotte Ave      | Marion Ave                    | Ferris Ave                | 686.4  | 0.13  | Asphalt  | 7 | \$ | 8.00 | \$ | 5,991.20 |
| Cicotte Ave      | Austin Ave                    | Chandler Ave              | 269.28 | 0.051 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,154.24 |
| Detroit Ave      | Wilson Ave                    | Electric Ave              | 285.12 | 0.054 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,280.96 |
| Electric Ave     | Electric Ave - surface Change | Merrill Ave & Pingree Ave | 327.36 | 0.062 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,618.88 |
| Electric Ave     | Merrill Ave & Pingree Ave     | Capitol Ave               | 517.44 | 0.098 | Asphalt  | 7 | \$ | 8.00 | \$ | 4,139.52 |
| Electric Ave     | Detroit Ave                   | Progress Ave              | 443.52 | 0.084 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,548.16 |
| Emmons Blvd      | Emmons Blvd - surface Change  | Ferris Ave                | 79.2   | 0.043 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,816.32 |
| Emmons Blvd      | Fort St                       | Ferris Ave                | 79.2   | 0.015 | Asphalt  | 7 | \$ | 8.00 | \$ | 633.60   |
| Emmons Blvd      | Ferris Ave                    | Wilson Ave                | 828.96 | 0.157 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,631.68 |
| Emmons Blvd      | Wilson Ave                    | Gohl Rd                   | 770.88 | 0.146 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,167.04 |
| Emmons Blvd      | Wilson Ave                    | Gohl Rd                   | 776.16 | 0.147 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,209.28 |

|                |                             |                              |         |       |          |   |    |      |    |          |
|----------------|-----------------------------|------------------------------|---------|-------|----------|---|----|------|----|----------|
| Emmons Blvd    | Gohl Rd                     | Electric Ave                 | 834.24  | 0.158 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,673.92 |
| Emmons Blvd    | Electric Ave                | Electric Ave                 | 110.88  | 0.021 | Asphalt  | 7 | \$ | 8.00 | \$ | 887.04   |
| Emmons Blvd    | River Ct                    | River Ct                     | 190.08  | 0.036 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,520.64 |
| Emmons Blvd    | River Dr                    | River Dr                     | 528     | 0.1   | Asphalt  | 7 | \$ | 8.00 | \$ | 4,224.00 |
| Emmons Blvd    | Fort Blvd                   | N Shore Dr & Shore Dr        | 369.6   | 0.07  | Asphalt  | 7 | \$ | 8.00 | \$ | 2,956.80 |
| Fort Park Blvd | Lafayette St                | Fort St                      | 755.04  | 0.143 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,040.32 |
| Fort Park Blvd | Mayflower Ave               | Detroit Ave                  | 290.4   | 0.055 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,323.20 |
| Fort Park Blvd | Progress Ave                | Rose Ave                     | 290.4   | 0.055 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,323.20 |
| Fort Park Blvd | Rose Ave                    | Mark Ave                     | 285.12  | 0.054 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,280.96 |
| Fort Park Blvd | Champaign Rd                | McLain Ave                   | 285.12  | 0.054 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,280.96 |
| Fort Park Blvd | Mill St                     | Cleveland Ave                | 153.12  | 0.029 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,224.96 |
| Fort Park Blvd | Cleveland Ave               | Cleveland Ave                | 100.32  | 0.019 | Asphalt  | 7 | \$ | 8.00 | \$ | 802.56   |
| Fort Park Blvd | Cleveland Ave               | Lincoln Ave                  | 200.64  | 0.038 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,605.12 |
| Fort Park Blvd | Lincoln Ave                 | Lincoln Ave                  | 58.08   | 0.011 | Asphalt  | 7 | \$ | 8.00 | \$ | 464.64   |
| Fort Park Blvd | Lincoln Ave                 | Garfield Ave                 | 258.72  | 0.049 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,069.76 |
| Fort Park Blvd | Garfield Ave                | Garfield Ave                 | 26.4    | 0.005 | Asphalt  | 7 | \$ | 8.00 | \$ | 211.20   |
| Fort Park Blvd | Garfield Ave                | White Ave                    | 269.28  | 0.051 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,154.24 |
| Fort Park Blvd | White Ave                   | Philmene Blvd                | 84.48   | 0.016 | Asphalt  | 7 | \$ | 8.00 | \$ | 675.84   |
| Fort Park Blvd | Philmene Blvd               | Cleophas Pkwy                | 380.16  | 0.072 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,041.28 |
| Fort Park Blvd | Cleophas Pkwy               | S M 39                       | 190.08  | 0.036 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,520.64 |
| Fort Park Blvd | Fort St                     | Ferris Ave                   | 1140.48 | 0.216 | Asphalt  | 7 | \$ | 8.00 | \$ | 9,123.84 |
| Harrison Blvd  | Ferris Ave                  | Ferris Ave                   | 918.72  | 0.174 | Asphalt  | 7 | \$ | 8.00 | \$ | 7,349.76 |
| Harrison Blvd  | Wilson Ave                  | Wilson Ave                   | 596.64  | 0.113 | Asphalt  | 7 | \$ | 8.00 | \$ | 4,773.12 |
| Harrison Blvd  | Gohl Rd                     | River Dr                     | 512.16  | 0.097 | Asphalt  | 7 | \$ | 8.00 | \$ | 4,097.28 |
| Howard St      | OConnor Ave                 | Euclid Ave                   | 274.56  | 0.052 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,196.48 |
| Howard St      | Euclid Ave                  | Russell Ave                  | 274.56  | 0.052 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,196.48 |
| Howard St      | Russell Ave                 | Keppen Blvd                  | 285.12  | 0.054 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,280.96 |
| Howard St      | Anne Ave                    | Arlington Ave                | 274.56  | 0.052 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,196.48 |
| Howard St      | Arlington Ave               | Warwick Ave                  | 274.56  | 0.052 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,196.48 |
| Lafayette Blvd | Lafayette St & Champaign Rd | McLain Ave                   | 290.4   | 0.055 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,323.20 |
| Lafayette Blvd | McLain Ave                  | Mill St                      | 269.28  | 0.051 | Asphalt  | 7 | \$ | 8.00 | \$ | 2,154.24 |
| Liberty Ave    | Howard Ave                  | Lafayette St                 | 649.44  | 0.123 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,195.52 |
| Liberty Ave    | Lafayette St                | Fort Park Blvd               | 649.44  | 0.123 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,195.52 |
| London Ave     | Bailey Ave                  | Wayne St                     | 649.44  | 0.123 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,195.52 |
| London Ave     | N I 75                      | Hazel Ave                    | 385.44  | 0.073 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,083.52 |
| London Ave     | Dix Ave                     | Porter Ave                   | 670.56  | 0.127 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,364.48 |
| London Ave     | Porter Ave                  | Abbott Ave                   | 654.72  | 0.124 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,237.76 |
| Mayflower Ave  | Fort St                     | Chandler Ave                 | 438.24  | 0.083 | Asphalt  | 7 | \$ | 8.00 | \$ | 3,505.92 |
| McLain Ave     | Fort Park Blvd              | Lafayette Blvd               | 966.24  | 0.183 | Asphalt  | 7 | \$ | 8.00 | \$ | 7,129.92 |
| Merrill Ave    | Lafayette St                | Fort Park Blvd               | 649.44  | 0.123 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,195.52 |
| New York Ave   | Hazel Ave                   | Dix Ave                      | 828.96  | 0.157 | Asphalt  | 7 | \$ | 8.00 | \$ | 6,631.68 |
| OConnor Ave    | Lafayette Blvd              | Howard St                    | 670.56  | 0.127 | Asphalt  | 7 | \$ | 8.00 | \$ | 5,364.48 |
| Russell Ave    | Electric Ave                | Russell Ave - Surface Change | 47.52   | 0.009 | Asphalt  | 7 | \$ | 8.00 | \$ | 380.16   |
| White Ave      | Forest Ave                  | Fort Park Blvd               | 232.32  | 0.044 | Asphalt  | 7 | \$ | 8.00 | \$ | 1,858.56 |
| Abbott Ave     | LeBlanc Ave                 | Michigan Ave                 | 300.96  | 0.057 | Concrete | 7 | \$ | 7.00 | \$ | 2,106.72 |
| Abbott Ave     | Michigan Ave                | Moran Ave                    | 311.52  | 0.059 | Concrete | 7 | \$ | 7.00 | \$ | 2,180.64 |
| Abbott Ave     | Moran Ave                   | River Bank Ave               | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Abbott Ave     | Emmons Ave                  | Myron Ave                    | 258.72  | 0.049 | Concrete | 7 | \$ | 7.00 | \$ | 1,811.04 |
| Applewood Ave  | Stewart Ave                 | Capitol Ave                  | 427.68  | 0.081 | Concrete | 7 | \$ | 7.00 | \$ | 2,993.76 |
| Arlington Ave  | Howard St                   | Lafayette Blvd               | 327.36  | 0.128 | Concrete | 7 | \$ | 7.00 | \$ | 4,730.88 |
| Brest Ave      | Longtin Ave                 | Brest Ave - Surface Change   | 427.68  | 0.062 | Concrete | 7 | \$ | 7.00 | \$ | 2,291.52 |
| Brest Ave      | Burns Ave                   | Abbott Ave                   | 427.68  | 0.081 | Concrete | 7 | \$ | 7.00 | \$ | 2,993.76 |
| Brest Ave      | Abbott Ave                  | James Ave                    | 237.6   | 0.045 | Concrete | 7 | \$ | 7.00 | \$ | 1,653.20 |

|                |                          |                                |         |       |          |   |    |      |    |          |
|----------------|--------------------------|--------------------------------|---------|-------|----------|---|----|------|----|----------|
| Brest Ave      | Brouseville Ave          | High St                        | 300.96  | 0.057 | Concrete | 7 | \$ | 7.00 | \$ | 2,106.72 |
| Brest Ave      | Howard Ave               | Duplex Ave                     | 258.72  | 0.049 | Concrete | 7 | \$ | 7.00 | \$ | 1,811.04 |
| Brest Ave      | Duplex Ave               | Lafayette St                   | 269.28  | 0.051 | Concrete | 7 | \$ | 7.00 | \$ | 1,884.96 |
| Brest Ave      | Lafayette St             | Barberry Ave                   | 142.56  | 0.027 | Concrete | 7 | \$ | 7.00 | \$ | 997.92   |
| Buckingham Ave | Barberry Ave             | Hubbard Ave                    | 121.44  | 0.023 | Concrete | 7 | \$ | 7.00 | \$ | 850.08   |
| Calvin Ave     | Richmond Ave             | Dead End                       | 147.84  | 0.028 | Concrete | 7 | \$ | 7.00 | \$ | 1,034.88 |
| Champaign Rd   | Bailey Ave               | Dead End                       | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Chandler Ave   | Elliott Ave              | River Dr                       | 612.48  | 0.116 | Concrete | 7 | \$ | 7.00 | \$ | 4,287.36 |
| Chandler Ave   | London Ave               | Capitol Ave                    | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Chandler Ave   | Capitol Ave              | Mayflower Ave                  | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Chandler Ave   | Mill St                  | Cleveland Ave                  | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Chandler Ave   | Garfield Ave             | White Ave                      | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Cicotte Ave    | White Ave                | Park Ave                       | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Cleophas Pkwy  | Dead End                 | Leleune Ave                    | 168.96  | 0.032 | Concrete | 7 | \$ | 7.00 | \$ | 1,182.72 |
| College Ave    | Lafayette Blvd           | Cleophas Pkwy - Surface Change | 691.68  | 0.131 | Concrete | 7 | \$ | 7.00 | \$ | 4,841.76 |
| College Ave    | Dead End                 | Porter Ave                     | 237.6   | 0.045 | Concrete | 7 | \$ | 7.00 | \$ | 1,663.20 |
| Council Ave    | Porter Ave               | Dix Ave                        | 1013.76 | 0.192 | Concrete | 7 | \$ | 7.00 | \$ | 7,096.32 |
| Detroit Ave    | Dead End                 | Porter Ave                     | 237.6   | 0.045 | Concrete | 7 | \$ | 7.00 | \$ | 1,663.20 |
| Elliott Ave    | Dix Ave                  | Rose Ave                       | 89.76   | 0.017 | Concrete | 7 | \$ | 7.00 | \$ | 628.32   |
| Elliott Ave    | Champaign Rd             | Farnham Ave                    | 258.72  | 0.049 | Concrete | 7 | \$ | 7.00 | \$ | 1,811.04 |
| Elliott Ave    | Lincoln Blvd             | Garfield Ave                   | 300.96  | 0.057 | Concrete | 7 | \$ | 7.00 | \$ | 2,106.72 |
| Emmons Blvd    | Cleophas Pkwy            | Southfield Rd                  | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Empire Ave     | Winchester Ave           | Emmons Blvd - surface Change   | 823.68  | 0.156 | Concrete | 7 | \$ | 7.00 | \$ | 5,765.76 |
| Ferris Ave     | Montie Rd                | Dead End                       | 406.56  | 0.077 | Concrete | 7 | \$ | 7.00 | \$ | 2,845.92 |
| Ferris Ave     | Stewart Ave              | Merrill Ave                    | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Ferris Ave     | Saint Johns Blvd         | Ford Blvd                      | 364.32  | 0.069 | Concrete | 7 | \$ | 7.00 | \$ | 2,550.24 |
| Ferris Ave     | Emmons Blvd              | Winchester Ave                 | 306.24  | 0.058 | Concrete | 7 | \$ | 7.00 | \$ | 2,143.68 |
| Ford Blvd      | Buckingham Ave           | Pagel Ave                      | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Ford Blvd      | Ford Line Rd & Ford Ave  | Helen Ave                      | 285.12  | 0.054 | Concrete | 7 | \$ | 7.00 | \$ | 1,995.84 |
| Ford Blvd      | Helen Ave                | Irene Ave                      | 269.28  | 0.051 | Concrete | 7 | \$ | 7.00 | \$ | 1,884.96 |
| Ford Blvd      | Agnes Ave                | Longin Ave                     | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Ford Line Rd   | Clinton River Shore Blvd | Ford Blvd & Ford Ave           | 332.64  | 0.063 | Concrete | 7 | \$ | 7.00 | \$ | 2,328.48 |
| Gohl Rd        | Cicotte Ave              | Hanford Ave                    | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Gohl Rd        | Ford Blvd                | LeBlanc Ave                    | 327.36  | 0.062 | Concrete | 7 | \$ | 7.00 | \$ | 2,291.52 |
| Gohl Rd        | Moran Ave                | River Bank Ave                 | 306.24  | 0.058 | Concrete | 7 | \$ | 7.00 | \$ | 2,143.68 |
| Hamilton Ave   | River Bank Ave           | Highland Ave                   | 285.12  | 0.054 | Concrete | 7 | \$ | 7.00 | \$ | 1,995.84 |
| Hanover Ave    | Raupp Pl                 | Dix Ave                        | 322.08  | 0.061 | Concrete | 7 | \$ | 7.00 | \$ | 2,254.56 |
| Hanover Ave    | Hanover Ave              | Dead End                       | 47.52   | 0.009 | Concrete | 7 | \$ | 7.00 | \$ | 332.64   |
| Hartwick Hwy   | Porter Ave               | Hanover Ave                    | 369.6   | 0.07  | Concrete | 7 | \$ | 7.00 | \$ | 2,587.20 |
| Hazel Ave      | Milline Ave              | Dead End                       | 480.48  | 0.091 | Concrete | 7 | \$ | 7.00 | \$ | 3,363.36 |
| Hazel Ave      | New York Ave             | Liberty Ave                    | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Helen Ave      | Brest Ave                | Old Goddard Rd                 | 828.96  | 0.157 | Concrete | 7 | \$ | 7.00 | \$ | 5,802.72 |
| Helen Ave      | Liberty Ave              | Gregory Ave                    | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Helen Ave      | Pagel Ave                | Malvina Ave                    | 285.12  | 0.054 | Concrete | 7 | \$ | 7.00 | \$ | 1,995.84 |
| High St        | Brest Ave                | Old Goddard Rd                 | 876.48  | 0.166 | Concrete | 7 | \$ | 7.00 | \$ | 6,135.36 |
| Howard Ave     | Emmons Ave               | Myron Ave                      | 1246.08 | 0.236 | Concrete | 7 | \$ | 7.00 | \$ | 8,722.56 |
| Howard Ave     | Myron Ave                | Winchester Ave                 | 253.44  | 0.048 | Concrete | 7 | \$ | 7.00 | \$ | 1,774.08 |
| Kaler Ave      | Council Ave              | Dead End                       | 248.16  | 0.047 | Concrete | 7 | \$ | 7.00 | \$ | 1,737.12 |
| Keppen Blvd    | Dead End                 | Porter Ave                     | 158.4   | 0.03  | Concrete | 7 | \$ | 7.00 | \$ | 1,108.80 |
| Keppen Blvd    | Dix Ave                  | Frank Ave                      | 237.6   | 0.045 | Concrete | 7 | \$ | 7.00 | \$ | 1,663.20 |
| Keppen Blvd    | Frank Ave                | City/Twp Line                  | 892.32  | 0.169 | Concrete | 7 | \$ | 7.00 | \$ | 6,246.24 |
| Kings Hwy      | Myron Ave                | Abbott Ave                     | 121.44  | 0.023 | Concrete | 7 | \$ | 7.00 | \$ | 850.08   |
|                |                          |                                | 871.2   | 0.165 | Concrete | 7 | \$ | 7.00 | \$ | 6,098.40 |



|                  |                              |                               |         |       |          |   |    |      |    |          |
|------------------|------------------------------|-------------------------------|---------|-------|----------|---|----|------|----|----------|
| Lafayette Blvd   | College Ave                  | Morris Ave                    | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Lafayette Blvd   | Morris Ave                   | Reo Ave                       | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Lafayette Blvd   | Demean Ave                   | Monite Rd                     | 147.84  | 0.028 | Concrete | 7 | \$ | 7.00 | \$ | 1,034.88 |
| Leblanc Ave      | Ford Line Rd                 | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | \$ | 7.00 | \$ | 5,802.72 |
| Leblanc Ave      | Porter Ave                   | Abbot Ave                     | 654.72  | 0.124 | Concrete | 7 | \$ | 7.00 | \$ | 4,583.04 |
| Malvina Ave      | Richmond Ave                 | Helen Ave                     | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Malvina Ave      | Helen Ave                    | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | \$ | 7.00 | \$ | 4,176.48 |
| McLain Ave       | Riopelle Ave                 | City/Twp Line                 | 264     | 0.05  | Concrete | 7 | \$ | 7.00 | \$ | 1,848.00 |
| Meyer Ct         | Richmond Ave                 | Hazel Ave                     | 691.68  | 0.131 | Concrete | 7 | \$ | 7.00 | \$ | 4,841.76 |
| Michigan Ave     | Michigan Blvd & Ford Line Rd | Hazel Ave                     | 828.96  | 0.157 | Concrete | 7 | \$ | 7.00 | \$ | 5,802.72 |
| Montie Rd        | Frank Ave                    | City/Twp Line                 | 121.44  | 0.023 | Concrete | 7 | \$ | 7.00 | \$ | 850.08   |
| Morris Ave       | Dead End                     | Porter Ave                    | 232.32  | 0.044 | Concrete | 7 | \$ | 7.00 | \$ | 1,626.24 |
| Myron Ave        | Abbot Ave                    | Howard Ave                    | 786.72  | 0.149 | Concrete | 7 | \$ | 7.00 | \$ | 5,507.04 |
| New York Ave     | Abbot Ave                    | Howard Ave                    | 786.72  | 0.149 | Concrete | 7 | \$ | 7.00 | \$ | 5,507.04 |
| New York Ave     | Helen Ave                    | New York Ave - Surface Change | 52.8    | 0.01  | Concrete | 7 | \$ | 7.00 | \$ | 369.60   |
| Old Goddard Rd   | Dix Ave                      | Coolidge Ave                  | 337.92  | 0.064 | Concrete | 7 | \$ | 7.00 | \$ | 2,365.44 |
| Pagel Ave        | Helen Ave                    | Hazel Ave                     | 596.64  | 0.113 | Concrete | 7 | \$ | 7.00 | \$ | 4,176.48 |
| Pagel Ave        | Hazel Ave                    | Hazel Ave                     | 58.08   | 0.011 | Concrete | 7 | \$ | 7.00 | \$ | 406.56   |
| Pagel Ave        | Pagel Ave - Surface Change   | Electric Ave                  | 126.72  | 0.024 | Concrete | 7 | \$ | 7.00 | \$ | 887.04   |
| Park Ave         | River Dr                     | Applewood Ave                 | 1230.24 | 0.233 | Concrete | 7 | \$ | 7.00 | \$ | 8,611.68 |
| Pennsylvania Ave | Reo Ave                      | Demean Ave                    | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Philomene Blvd   | Riopelle Ave                 | Howard St                     | 142.56  | 0.027 | Concrete | 7 | \$ | 7.00 | \$ | 997.92   |
| Philomene Blvd   | Lafayette Blvd               | City/Twp Line                 | 723.36  | 0.137 | Concrete | 7 | \$ | 7.00 | \$ | 5,063.52 |
| Pingree Ave      | Electric Ave & Merrill Ave   | Capitol Ave                   | 348.48  | 0.066 | Concrete | 7 | \$ | 7.00 | \$ | 2,439.36 |
| Pingree Ave      | Mayflower Ave                | Detroit Ave                   | 269.28  | 0.051 | Concrete | 7 | \$ | 7.00 | \$ | 1,884.96 |
| Pingree Ave      | Detroit Ave                  | Champaign Rd                  | 390.72  | 0.074 | Concrete | 7 | \$ | 7.00 | \$ | 2,735.04 |
| Pingree Ave      | Champaign Rd                 | Farnham Ave                   | 258.72  | 0.049 | Concrete | 7 | \$ | 7.00 | \$ | 1,811.04 |
| Pingree Ave      | Farnham Ave                  | Mill St                       | 264     | 0.05  | Concrete | 7 | \$ | 7.00 | \$ | 1,848.00 |
| Pingree Ave      | Mill St                      | Cleveland Ave                 | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Pingree Ave      | Cleveland Ave                | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 7 | \$ | 7.00 | \$ | 2,106.72 |
| Pingree Ave      | Lincoln Blvd                 | Garfield Ave                  | 300.96  | 0.057 | Concrete | 7 | \$ | 7.00 | \$ | 2,106.72 |
| Pingree Ave      | Garfield Ave                 | White Ave                     | 269.28  | 0.051 | Concrete | 7 | \$ | 7.00 | \$ | 1,884.96 |
| Porter Ave       | Arlington Ave                | Warwick Ave                   | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Porter Ave       | Warwick Ave                  | O'Connor Ave                  | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Porter Ave       | Eucild Ave                   | Russell Ave                   | 274.56  | 0.052 | Concrete | 7 | \$ | 7.00 | \$ | 1,921.92 |
| Porter Ave       | Russell Ave                  | Keppen Blvd                   | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Porter Ave       | Keppen Blvd                  | Hanford Ave                   | 279.84  | 0.053 | Concrete | 7 | \$ | 7.00 | \$ | 1,958.88 |
| Porter Ave       | Progress Ave                 | Rose Ave                      | 285.12  | 0.054 | Concrete | 7 | \$ | 7.00 | \$ | 1,995.84 |
| Porter Ave       | Michigan Ave                 | Moran Ave                     | 311.52  | 0.059 | Concrete | 7 | \$ | 7.00 | \$ | 2,180.64 |
| Porter Ave       | Moran Ave                    | River Bank Ave                | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Raupp Pl         | Hamilton Ave                 |                               | 306.24  | 0.058 | Concrete | 7 | \$ | 7.00 | \$ | 2,143.68 |
| Reo Ave          | Dead End                     | Porter Ave                    | 237.6   | 0.045 | Concrete | 7 | \$ | 7.00 | \$ | 1,663.20 |
| Riopelle Ave     | Garfield Ave                 | White St                      | 295.68  | 0.056 | Concrete | 7 | \$ | 7.00 | \$ | 2,069.76 |
| Saint Johns Blvd | Ford Line Rd                 | Helen Ave                     | 285.12  | 0.054 | Concrete | 7 | \$ | 7.00 | \$ | 1,995.84 |
| Stewart Ave      | Howard Ave                   | Lafayette St                  | 649.44  | 0.123 | Concrete | 7 | \$ | 7.00 | \$ | 4,546.08 |
| Victoria Ave     | Marshall Ave                 | Dead End                      | 147.84  | 0.028 | Concrete | 7 | \$ | 7.00 | \$ | 1,034.88 |
| Wilson Ave       | Champaign Rd                 | Farnham Ave                   | 258.72  | 0.049 | Concrete | 7 | \$ | 7.00 | \$ | 1,811.04 |
| Wilson Ave       | Mill St                      | Cleveland Ave                 | 269.28  | 0.051 | Concrete | 7 | \$ | 7.00 | \$ | 1,884.96 |
| Wilson Ave       | Cleveland Ave                | Lincoln Blvd                  | 300.96  | 0.057 | Concrete | 7 | \$ | 7.00 | \$ | 2,106.72 |
| Wilson Ave       | Garfield Ave                 | White Ave                     | 269.28  | 0.051 | Concrete | 7 | \$ | 7.00 | \$ | 1,884.96 |
| Wilson Ave       | Harrison Blvd                | Cloverlawn Ave                | 353.76  | 0.067 | Concrete | 7 | \$ | 7.00 | \$ | 2,476.32 |
| Wilson Ave       | Cloverlawn Ave               | Saint Johns Blvd              | 374.88  | 0.071 | Concrete | 7 | \$ | 7.00 | \$ | 2,624.16 |

|                |                               |                               |         |       |          |   |    |       |    |           |
|----------------|-------------------------------|-------------------------------|---------|-------|----------|---|----|-------|----|-----------|
| Wilson Ave     | Saint Johns Blvd              | Ford Blvd                     | 359.04  | 0.068 | Concrete | 7 | \$ | 7.00  | \$ | 2,513.28  |
| Wilson Ave     | Ford Blvd                     | LeBlanc Ave                   | 337.36  | 0.062 | Concrete | 7 | \$ | 7.00  | \$ | 2,291.52  |
| Wilson Ave     | LeBlanc Ave                   | Michigan Ave                  | 306.24  | 0.058 | Concrete | 7 | \$ | 7.00  | \$ | 2,143.68  |
| Champaign Rd   | Fort Park Blvd                | Lafayette St & Lafayette Blvd | 945.12  | 0.179 | Asphalt  | 6 | \$ | 12.00 | \$ | 11,341.44 |
| Champaign Rd   | Lafayette St & Lafayette Blvd | Howard St                     | 828.96  | 0.157 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,947.52  |
| Chandler Ave   | Austin Ave                    | O'Connor Ave                  | 601.92  | 0.114 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,223.04  |
| Chandler Ave   | Russell Ave                   | Cicotte Ave                   | 649.44  | 0.123 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,793.28  |
| Cicotte Ave    | Washington Ave                | Ethel Ave                     | 295.68  | 0.056 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,548.16  |
| Cicotte Ave    | Ferris Ave                    | Wilson Ave                    | 290.4   | 0.051 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,484.80  |
| Cicotte Ave    | Electric Ave                  | Austin Ave                    | 269.28  | 0.051 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,231.36  |
| Cicotte Ave    | Electric Ave                  | Electric Ave                  | 84.48   | 0.016 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,013.76  |
| Cleveland Ave  | Ferris Ave                    | Chandler Ave                  | 528     | 0.1   | Asphalt  | 6 | \$ | 12.00 | \$ | 6,336.00  |
| Electric Ave   | Mayflower Ave                 | Detroit Ave                   | 691.68  | 0.131 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,300.16  |
| Lucid Ave      | Porter Ave                    | Dix Ave                       | 327.36  | 0.067 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,928.32  |
| Ferris Ave     | Southfield Rd                 | Dix Ave                       | 1008.48 | 0.191 | Asphalt  | 6 | \$ | 12.00 | \$ | 12,101.76 |
| Ferris Ave     | Marion Ave                    | Marion Ave                    | 327.36  | 0.062 | Asphalt  | 6 | \$ | 12.00 | \$ | 12,101.76 |
| Ferris Ave     | Marion Ave                    | O'Connor Ave                  | 411.84  | 0.078 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,928.32  |
| Fort Park Blvd | O'Connor Ave                  | Russell Ave                   | 712.8   | 0.135 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,553.60  |
| Fort Park Blvd | Capitol Ave                   | Mayflower Ave                 | 285.12  | 0.054 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,942.08  |
| Fort Park Blvd | Detroit Ave                   | Progress Ave                  | 290.4   | 0.055 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,484.80  |
| Fort Park Blvd | McLain Ave                    | Mill St                       | 142.56  | 0.027 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,710.72  |
| Fort Park Blvd | Mill St                       | Mill St                       | 132     | 0.025 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,584.00  |
| Garfield Ave   | Dix Ave                       | Garfield Ave - surface Change | 776.16  | 0.147 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,313.92  |
| Garfield Ave   | Riopelle Ave                  | City/Twp Line                 | 163.68  | 0.031 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,964.16  |
| Garfield Ave   | Chandler Ave                  | Fort St                       | 844.8   | 0.16  | Asphalt  | 6 | \$ | 12.00 | \$ | 10,137.60 |
| Grant Ave      | O'Connor Ave                  | Russell Ave                   | 718.08  | 0.136 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,616.96  |
| Green Ave      | Green Ave - Surface Change    | Detroit Ave                   | 406.56  | 0.077 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,878.72  |
| Gregory Ave    | Helen Ave                     | Hazel Ave                     | 654.72  | 0.124 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,856.64  |
| Highland Ave   | Highland Ave - Surface Change | Gohl Rd                       | 31.68   | 0.006 | Asphalt  | 6 | \$ | 12.00 | \$ | 380.16    |
| Howard St      | Warwick Ave                   | O'Connor Ave                  | 279.84  | 0.053 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,358.08  |
| Lafayette Blvd | Mill St                       | Cleveland Ave                 | 253.44  | 0.048 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,041.28  |
| Lafayette Blvd | Cleveland Ave                 | Lincoln Ave                   | 258.72  | 0.049 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,104.64  |
| Lafayette Blvd | Lincoln Ave                   | Garfield Ave                  | 279.84  | 0.053 | Asphalt  | 6 | \$ | 12.00 | \$ | 3,358.08  |
| Lafayette Blvd | Garfield Ave                  | Philomene Blvd                | 359.04  | 0.068 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,308.48  |
| Lafayette Blvd | Philomene Blvd                | Cleophus Pkwy                 | 385.44  | 0.073 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,625.28  |
| Lafayette Blvd | Cleophus Pkwy                 | S M 39                        | 184.8   | 0.035 | Asphalt  | 6 | \$ | 12.00 | \$ | 2,217.60  |
| Mayflower Ave  | Ferris Ave                    | Wilson Ave                    | 617.76  | 0.117 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,413.12  |
| Mayflower Ave  | Electric Ave                  | Electric Ave                  | 132     | 0.025 | Asphalt  | 6 | \$ | 12.00 | \$ | 1,584.00  |
| McLain Ave     | Lafayette Blvd                | Howard St                     | 802.56  | 0.152 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,630.72  |
| Michigan Ave   | Lafayette St                  | Fort St                       | 850.08  | 0.161 | Asphalt  | 6 | \$ | 12.00 | \$ | 10,200.96 |
| Mill St        | Fort Park Blvd                | Lafayette Blvd                | 966.24  | 0.183 | Asphalt  | 6 | \$ | 12.00 | \$ | 11,594.88 |
| Mill St        | Lafayette Blvd                | Howard St                     | 797.28  | 0.151 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,567.36  |
| Mill St        | Howard St                     | Mill St - Surface Change      | 528     | 0.1   | Asphalt  | 6 | \$ | 12.00 | \$ | 6,336.00  |
| Mill St        | Pingree Ave                   | Washington Ave                | 633.6   | 0.12  | Asphalt  | 6 | \$ | 12.00 | \$ | 7,603.20  |
| Mill St        | Ferris Ave                    | Chandler Ave                  | 691.68  | 0.131 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,300.16  |
| Pagel Ave      | Porter Ave                    | Abbott Ave                    | 654.72  | 0.124 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,856.64  |
| Pagel Ave      | Howard Ave                    | Howard Ave                    | 781.44  | 0.148 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,377.28  |
| Pagel Ave      | Fort Park Blvd                | Lafayette St                  | 654.72  | 0.124 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,856.64  |
| Pingree Ave    | Southfield Rd                 | Fort St                       | 522.17  | 0.099 | Asphalt  | 6 | \$ | 12.00 | \$ | 6,277.64  |
| Pingree Ave    | Southfield Rd                 | O'Connor Ave                  | 385.44  | 0.073 | Asphalt  | 6 | \$ | 12.00 | \$ | 4,625.28  |
| Progress Ave   | Fort Park Blvd                | Fort St                       | 432.96  | 0.082 | Asphalt  | 6 | \$ | 12.00 | \$ | 5,195.52  |
| Progress Ave   | Fort St                       | Chandler Ave                  | 681.12  | 0.129 | Asphalt  | 6 | \$ | 12.00 | \$ | 8,173.44  |
| Russell Ave    | Porter Ave                    | Dix Ave                       | 1008.48 | 0.191 | Asphalt  | 6 | \$ | 12.00 | \$ | 12,101.76 |



|                  |                  |                  |         |       |          |   |    |       |    |           |
|------------------|------------------|------------------|---------|-------|----------|---|----|-------|----|-----------|
| Saint Johns Blvd | Fort St          | Ferris Ave       | 1124.64 | 0.213 | Asphalt  | 6 | \$ | 12.00 | \$ | 13,495.68 |
| Saint Johns Blvd | Ferris Ave       | Wilson Ave       | 776.16  | 0.147 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,313.92  |
| White Ave        | Applewood Ave    | Pingree Ave      | 628.32  | 0.119 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,539.84  |
| Winchester Ave   | Wilson Ave       | Ferris Ave       | 617.76  | 0.117 | Asphalt  | 6 | \$ | 12.00 | \$ | 7,413.12  |
| Winchester Ave   | Fort St          | Ferris Ave       | 797.28  | 0.151 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,567.36  |
| Winchester Ave   | Ferris Ave       | Wilson Ave       | 770.88  | 0.146 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,250.56  |
| Winchester Ave   | Wilson Ave       | Gohl Rd          | 776.16  | 0.147 | Asphalt  | 6 | \$ | 12.00 | \$ | 9,313.92  |
| Winchester Ave   | Gohl Rd          | Electric Ave     | 739.2   | 0.14  | Asphalt  | 6 | \$ | 12.00 | \$ | 8,870.40  |
| Abbot Ave        | Cleveland Ave    | Garfield Ave     | 385.44  | 0.073 | Concrete | 6 | \$ | 8.00  | \$ | 3,083.52  |
| Abbot Ave        | Stewart Ave      | Merrill Ave      | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00  | \$ | 2,196.48  |
| Abbot Ave        | Merrill Ave      | Richmond Ave     | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00  | \$ | 2,196.48  |
| Abbot Ave        | Richmond Ave     | London Ave       | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00  | \$ | 2,238.72  |
| Abbot Ave        | Capitol Ave      | South Dr         | 132     | 0.025 | Concrete | 6 | \$ | 8.00  | \$ | 1,056.00  |
| Abbot Ave        | South Dr         | Detroit Ave      | 443.52  | 0.084 | Concrete | 6 | \$ | 8.00  | \$ | 3,548.16  |
| Abbot Ave        | Brest Ave        | Old Goddard Rd   | 1219.68 | 0.231 | Concrete | 6 | \$ | 8.00  | \$ | 9,157.44  |
| Abbot Ave        | Fort Blvd        | LeBlanc Ave      | 353.76  | 0.067 | Concrete | 6 | \$ | 8.00  | \$ | 2,830.08  |
| Abbot Ave        | Kings Hwy        | Emmons Ave       | 380.16  | 0.072 | Concrete | 6 | \$ | 8.00  | \$ | 3,041.28  |
| Abbot Ave        | Myron Ave        | Winchester Ave   | 248.16  | 0.047 | Concrete | 6 | \$ | 8.00  | \$ | 1,985.28  |
| Agnes Ave        | Fort Blvd        | Saint Johns Blvd | 385.44  | 0.073 | Concrete | 6 | \$ | 8.00  | \$ | 3,083.52  |
| Agnes Ave        | Saint Johns Blvd | Dead End         | 132     | 0.025 | Concrete | 6 | \$ | 8.00  | \$ | 1,056.00  |
| Agnes Ave        | Brest Ave        | Old Goddard Rd   | 839.52  | 0.159 | Concrete | 6 | \$ | 8.00  | \$ | 6,716.16  |
| Anne Ave         | Fort Park Blvd   | Lafayette Blvd   | 897.6   | 0.17  | Concrete | 6 | \$ | 8.00  | \$ | 7,180.80  |
| Applewood Ave    | Lafayette Blvd   | Howard St        | 675.84  | 0.128 | Concrete | 6 | \$ | 8.00  | \$ | 5,406.72  |
| Applewood Ave    | Southfield Rd    | O'Connor Ave     | 332.64  | 0.063 | Concrete | 6 | \$ | 8.00  | \$ | 2,661.12  |
| Applewood Ave    | O'Connor Ave     | Russell Ave      | 723.36  | 0.137 | Concrete | 6 | \$ | 8.00  | \$ | 5,788.88  |
| Applewood Ave    | Russell Ave      | Cicotte Ave      | 660     | 0.125 | Concrete | 6 | \$ | 8.00  | \$ | 5,280.00  |
| Applewood Ave    | Cicotte Ave      | Montie Rd        | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00  | \$ | 5,076.56  |
| Applewood Ave    | Capitol Ave      | Mayflower Ave    | 264     | 0.05  | Concrete | 6 | \$ | 8.00  | \$ | 2,112.00  |
| Applewood Ave    | Pagel Ave        | Stewart Ave      | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00  | \$ | 2,196.48  |
| Brest Ave        | Ford Line Rd     | Helen Ave        | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00  | \$ | 2,365.44  |
| Brest Ave        | Irene Ave        | Hazel Ave        | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00  | \$ | 2,154.24  |
| Brest Ave        | Hazel Ave        | Agnes Ave        | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00  | \$ | 2,154.24  |
| Brest Ave        | James Ave        | Brooksville Ave  | 52.8    | 0.01  | Concrete | 6 | \$ | 8.00  | \$ | 422.40    |
| Brest Ave        | High St          | Howard Ave       | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00  | \$ | 2,534.40  |
| Brest Ave        | Hubbard Ave      | Drouillard Ave   | 264     | 0.05  | Concrete | 6 | \$ | 8.00  | \$ | 2,112.00  |
| Brest Ave        | Drouillard Ave   | Fort St          | 168.96  | 0.032 | Concrete | 6 | \$ | 8.00  | \$ | 1,351.68  |
| Calvin Ave       | Wayne St         | Bailey Ave       | 633.6   | 0.12  | Concrete | 6 | \$ | 8.00  | \$ | 5,068.80  |
| Champaign Rd     | Pingree Ave      | Electric Ave     | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00  | \$ | 2,492.16  |
| Champaign Rd     | Ferris Ave       | Wilson Ave       | 617.76  | 0.117 | Concrete | 6 | \$ | 8.00  | \$ | 4,942.08  |
| Chandler Ave     | Applewood Ave    | Elliott Ave      | 617.76  | 0.117 | Concrete | 6 | \$ | 8.00  | \$ | 4,942.08  |
| Chandler Ave     | Outer Dr         | Attribute Change | 200.64  | 0.038 | Concrete | 6 | \$ | 8.00  | \$ | 1,605.12  |
| Chandler Ave     | Attribute Change | Dead End         | 448.8   | 0.085 | Concrete | 6 | \$ | 8.00  | \$ | 3,590.40  |
| Charter Ave      | Dead End         | Porter Ave       | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00  | \$ | 1,900.80  |
| Charter Ave      | Porter Ave       | Dix Ave          | 1045.44 | 0.198 | Concrete | 6 | \$ | 8.00  | \$ | 8,363.52  |
| Charter Ave      | Dix Ave          | Frank Ave        | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00  | \$ | 7,138.56  |
| Cicotte Ave      | Dix Ave          | Frank Ave        | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00  | \$ | 7,138.56  |
| Cicotte Ave      | Frank Ave        | City/Twp Line    | 121.44  | 0.023 | Concrete | 6 | \$ | 8.00  | \$ | 971.52    |
| Cicotte Ave      | Wilson Ave       | Marion Ave       | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00  | \$ | 2,323.20  |
| Cleopius Pkwy    | Porter St        | Applewood Ave    | 359.04  | 0.068 | Concrete | 6 | \$ | 8.00  | \$ | 2,872.32  |
| Cleopius Pkwy    | Dead End         | Riopelle Ave     | 427.68  | 0.081 | Concrete | 6 | \$ | 8.00  | \$ | 3,421.44  |
| Cleopius Pkwy    | Dead End         | Riopelle Ave     | 174.24  | 0.033 | Concrete | 6 | \$ | 8.00  | \$ | 1,393.92  |
| Cleopius Pkwy    | Riopelle Ave     | City/Twp Line    | 137.28  | 0.026 | Concrete | 6 | \$ | 8.00  | \$ | 1,098.24  |
| Cleopius Pkwy    | Dead End         | Elliott Ave      | 190.08  | 0.036 | Concrete | 6 | \$ | 8.00  | \$ | 1,520.64  |

|                |                              |                         |         |       |          |   |    |      |    |           |
|----------------|------------------------------|-------------------------|---------|-------|----------|---|----|------|----|-----------|
| Cleveland Ave  | Porter St                    | Dix Ave                 | 913.44  | 0.173 | Concrete | 6 | \$ | 8.00 | \$ | 7,307.52  |
| Cleveland Ave  | Riopelle Ave                 | City/Twp Line           | 168.96  | 0.032 | Concrete | 6 | \$ | 8.00 | \$ | 1,351.68  |
| Cleveland Ave  | Howard St                    | Mill St & Lincoln Ave   | 448.8   | 0.085 | Concrete | 6 | \$ | 8.00 | \$ | 3,590.40  |
| Cleveland Ave  | River Dr                     | Elliott Ave             | 580.8   | 0.11  | Concrete | 6 | \$ | 8.00 | \$ | 4,646.40  |
| Cleveland Ave  | Elliott Ave                  | Appelwood Ave           | 623.04  | 0.118 | Concrete | 6 | \$ | 8.00 | \$ | 4,984.32  |
| Cleveland Ave  | Appelwood Ave                | Pingree Ave             | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Cleveland Ave  | Pingree Ave                  | Washington Ave          | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Cloverlawn Ave | Ferris Ave                   | Wilson Ave              | 850.08  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64  |
| Cloverlawn Ave | Wilson Ave                   | Gohl Rd                 | 665.28  | 0.126 | Concrete | 6 | \$ | 8.00 | \$ | 5,372.24  |
| College Ave    | Dix Ave                      | Frank Ave               | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56  |
| Coollidge Ave  | Saint Johns Blvd             | Dead End                | 163.68  | 0.031 | Concrete | 6 | \$ | 8.00 | \$ | 1,309.44  |
| Council Ave    | Brest Ave                    | Old Goddard Rd          | 992.64  | 0.188 | Concrete | 6 | \$ | 8.00 | \$ | 7,941.12  |
| Detroit Ave    | Porter Ave                   | Dix Ave                 | 1013.76 | 0.192 | Concrete | 6 | \$ | 8.00 | \$ | 8,110.08  |
| Detroit Ave    | Green Ave                    | Mayflower Ave           | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72  |
| Detroit Ave    | Wayne St                     | Bailey Ave              | 638.88  | 0.121 | Concrete | 6 | \$ | 8.00 | \$ | 5,111.04  |
| Detroit Ave    | Bailey Ave                   | Dead End                | 871.2   | 0.165 | Concrete | 6 | \$ | 8.00 | \$ | 6,969.60  |
| Detroit Ave    | Rose Ave                     | Porter Ave              | 522.72  | 0.099 | Concrete | 6 | \$ | 8.00 | \$ | 4,181.76  |
| Detroit Ave    | Elliott Ave                  | River Dr                | 596.64  | 0.113 | Concrete | 6 | \$ | 8.00 | \$ | 4,773.12  |
| Dixford Ave    | Hamilton Ave                 | Olive Ave               | 52.8    | 0.01  | Concrete | 6 | \$ | 8.00 | \$ | 422.40    |
| Duplex Ave     | Brest Ave                    | Old Goddard Rd          | 1772.28 | 0.243 | Concrete | 6 | \$ | 8.00 | \$ | 10,179.84 |
| Electric Ave   | Cicotte Ave                  | Montie Rd               | 1135.2  | 0.215 | Concrete | 6 | \$ | 8.00 | \$ | 9,081.60  |
| Electric Ave   | Capitol Ave                  | Mayflower Ave           | 348.48  | 0.066 | Concrete | 6 | \$ | 8.00 | \$ | 2,787.84  |
| Electric Ave   | Detroit Ave                  | Progress Ave            | 232.32  | 0.044 | Concrete | 6 | \$ | 8.00 | \$ | 1,858.56  |
| Electric Ave   | White Ave                    | Park Ave                | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92  |
| Electric Ave   | White Ave                    | Park Ave                | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Electric Ave   | Pagel Ave                    | Merrill Ave             | 623.04  | 0.118 | Concrete | 6 | \$ | 8.00 | \$ | 4,984.32  |
| Electric Ave   | Highland Ave                 | Kings Hwy               | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96  |
| Electric Ave   | Kings Hwy                    | Emmons Blvd             | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Electric Ave   | Liberty Ave & Buckingham Ave | Pagel Ave               | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Electric Ave   | Winchester Ave               | New York Ave            | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Electric Ave   | Liberty Ave                  | Pagel Ave               | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Elliott Ave    | Capitol Ave                  | Mayflower Ave           | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00  |
| Elliott Ave    | Farnham Ave                  | Mill St                 | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Elliott Ave    | Mill St                      | Cleveland Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Elliott Ave    | Cleveland Ave                | Lincoln Blvd            | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68  |
| Elliott Ave    | Garfield Ave                 | White Ave               | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Emmons Blvd    | N Shore Dr & Shore Dr        | Riverside Dr & North Dr | 454.08  | 0.086 | Concrete | 6 | \$ | 8.00 | \$ | 3,632.64  |
| Empire Ave     | Southfield Rd                | O'Connor Ave            | 438.24  | 0.083 | Concrete | 6 | \$ | 8.00 | \$ | 3,505.92  |
| Empire Ave     | Russell Ave                  | Cicotte Ave             | 660     | 0.125 | Concrete | 6 | \$ | 8.00 | \$ | 5,280.00  |
| Empire Ave     | Cicotte Ave                  | Montie Rd               | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Ferris Ave     | Capitol Ave                  | Mayflower Ave           | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72  |
| Ferris Ave     | Mayflower Ave                | Detroit Ave             | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24  |
| Ferris Ave     | Detroit Ave                  | Progress Ave            | 242.88  | 0.046 | Concrete | 6 | \$ | 8.00 | \$ | 1,943.04  |
| Ferris Ave     | Progress Ave                 | Champaign Rd            | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |
| Ferris Ave     | Champaign Rd                 | Farnham Ave             | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00  |
| Ferris Ave     | Farnham Ave                  | Mill St                 | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00  |
| Ferris Ave     | Merrill Ave                  | London Ave              | 374.88  | 0.071 | Concrete | 6 | \$ | 8.00 | \$ | 2,999.04  |
| Ferris Ave     | London Ave                   | Capitol Ave             | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |
| Ferris Ave     | Ford Blvd                    | Sain Johns Blvd         | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,914.56  |
| Ferris Ave     | LeBlanc Ave                  | LeBlanc Ave             | 327.36  | 0.062 | Concrete | 6 | \$ | 8.00 | \$ | 2,618.88  |
| Ferris Ave     | Michigan Ave                 | Michigan Ave            | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40  |
| Ferris Ave     | Michigan Ave                 | Moran Ave               | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,492.16  |
| Ferris Ave     | Moran Ave                    | River Bank Ave          | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92  |

|              |                               |                                   |         |       |          |   |    |      |    |          |
|--------------|-------------------------------|-----------------------------------|---------|-------|----------|---|----|------|----|----------|
| Ferris Ave   | River Bank Ave                | Highland Ave                      | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,323.20 |
| Ferris Ave   | Highland Ave                  | King Hwy                          | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Ferris Ave   | Winchester Ave                | New York Ave                      | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Ferris Ave   | New York Ave                  | Liberty Ave                       | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40 |
| Ferris Ave   | Liberty Ave                   | Buckingham Ave                    | 327.36  | 0.062 | Concrete | 6 | \$ | 8.00 | \$ | 2,618.88 |
| Ford Blvd    | Pagel Ave                     | Stewart Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Ford Blvd    | Irene Ave                     | Hazel Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Ford Line Rd | Brest Ave                     | Agnes Ave                         | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Ford Line Rd | Ford Blvd & Ford Ave          | Old Goddard Rd                    | 913.44  | 0.173 | Concrete | 6 | \$ | 8.00 | \$ | 7,307.52 |
| Frank Ave    | Fuchl Ave                     | Leblanc Ave                       | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96 |
| Frank Ave    | Morris Ave                    | Dead End                          | 147.84  | 0.028 | Concrete | 6 | \$ | 8.00 | \$ | 1,182.72 |
| Frank Ave    | College Ave                   | College Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Frank Ave    | University Ave                | Paris Ave                         | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Garfield Ave | Hanford Ave                   | Cicotte Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Garfield Ave | Elliot Ave                    | Keppen Blvd                       | 285.12  | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96 |
| Garfield Ave | Applewood Ave                 | Applewood Ave                     | 623.04  | 0.118 | Concrete | 6 | \$ | 8.00 | \$ | 4,984.32 |
| Garfield Ave | Pingree Ave                   | Pingree Ave                       | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56 |
| Garfield Ave | Washington Ave                | Washington Ave                    | 612.48  | 0.116 | Concrete | 6 | \$ | 8.00 | \$ | 4,899.84 |
| Gohl Rd      | Harrison Blvd                 | Wilson Ave                        | 348.48  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,787.84 |
| Gohl Rd      | Cloverlawn Ave                | Saint Johns Ct & Saint Johns Blvd | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,914.56 |
| Gohl Rd      | Highland Ave                  | King Hwy                          | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Gohl Rd      | Emmons Blvd                   | Winchester Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Gohl Rd      | Winchester Ave                | New York Ave                      | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Gohl Rd      | New York Ave                  | Liberty Ave                       | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40 |
| Gorman Ave   | Liberty Ave                   | Buckingham Ave                    | 89.76   | 0.017 | Concrete | 6 | \$ | 8.00 | \$ | 718.08   |
| Grant Ave    | Montie Rd                     | Council Ave                       | 205.92  | 0.039 | Concrete | 6 | \$ | 8.00 | \$ | 1,647.36 |
| Gregory Ave  | Cicotte Ave                   | Montie Rd                         | 628.32  | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56 |
| Gregory Ave  | Porter Ave                    | Abbott Ave                        | 654.72  | 0.124 | Concrete | 6 | \$ | 8.00 | \$ | 5,237.76 |
| Gregory Ave  | Fort Park Blvd                | Howard Ave                        | 786.72  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76 |
| Hanford Ave  | Dead End                      | Porter Ave                        | 464.64  | 0.088 | Concrete | 6 | \$ | 8.00 | \$ | 3,717.12 |
| Hanford Ave  | Porter Ave                    | Dix Ave                           | 227.04  | 0.043 | Concrete | 6 | \$ | 8.00 | \$ | 1,816.32 |
| Hanover Ave  | Porter Ave                    | Dead End                          | 1008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84 |
| Hazel Ave    | LaLayette Blvd                | Howard St                         | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,990.80 |
| Hazel Ave    | Malvina Ave                   | Meyer Ct                          | 675.84  | 0.128 | Concrete | 6 | \$ | 8.00 | \$ | 5,406.72 |
| Hazel Ave    | Buckingham Ave                | Pagel Ave                         | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Hazel Ave    | Liberty Ave                   | Gregory Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Hazel Ave    | Gregory Ave                   | Buckingham Ave                    | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Helen Ave    | New York Ave                  | Malvina Ave                       | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Helen Ave    | Gregory Ave                   | Liberty Ave                       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Helen Ave    | Saint Johns Blvd              | Buckingham Ave                    | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Highland Ave | Highland Ave - Surface Change | Ford Blvd                         | 374.88  | 0.071 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Howard Ave   | Ford Blvd                     | Electric Ave                      | 924     | 0.175 | Concrete | 6 | \$ | 8.00 | \$ | 7,192.00 |
| Howard Ave   | Leblanc Ave                   | Michigan Ave                      | 353.76  | 0.067 | Concrete | 6 | \$ | 8.00 | \$ | 2,830.08 |
| Howard Ave   | Michigan Ave                  | Moran Ave                         | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Howard Ave   | Gregory Ave                   | River Bank Ave                    | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Hubbard Ave  | Brest Ave                     | Buckingham Ave                    | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Irene Ave    | Saint Johns Blvd              | Old Goddard Rd                    | 992.64  | 0.188 | Concrete | 6 | \$ | 8.00 | \$ | 7,941.12 |
| Irene Ave    | Brest Ave                     | Old Goddard Rd                    | 374.88  | 0.071 | Concrete | 6 | \$ | 8.00 | \$ | 2,999.04 |
| Irene Ave    | Brest Ave                     | Old Goddard Rd                    | 850.08  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64 |

|                   |                               |                               |          |       |          |   |    |      |    |           |
|-------------------|-------------------------------|-------------------------------|----------|-------|----------|---|----|------|----|-----------|
| John A Papalas Dr | N M 39                        | Consolidated Rail Corporation | 850.08   | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64  |
| John A Papalas Dr | Consolidated Rail Corporation | Crocket Ave                   | 2,381.28 | 0.451 | Concrete | 6 | \$ | 8.00 | \$ | 19,050.24 |
| John A Papalas Dr | Crocket Ave                   | Outer Dr                      | 2,698.08 | 0.511 | Concrete | 6 | \$ | 8.00 | \$ | 21,584.64 |
| Josephine Ave     | Reo Ave                       | Montie Rd                     | 406.56   | 0.077 | Concrete | 6 | \$ | 8.00 | \$ | 3,252.48  |
| Keppen Blvd       | Porter Ave                    | Dix Ave                       | 1,008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84  |
| Keppen Blvd       | Porter Ave                    | Lafayette Blvd                | 902.88   | 0.171 | Concrete | 6 | \$ | 8.00 | \$ | 7,223.04  |
| Kings Hwy         | Kings Hwy - Surface Change    | Electric Ave                  | 860.64   | 0.163 | Concrete | 6 | \$ | 8.00 | \$ | 6,885.12  |
| Laclede Blvd      | Stewart Ave                   | Capital Ave                   | 359.04   | 0.068 | Concrete | 6 | \$ | 8.00 | \$ | 2,872.32  |
| Lafayette Blvd    | University Ave                | Patis Ave                     | 274.56   | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |
| Lafayette Blvd    | Paris Ave                     | College Ave                   | 290.4    | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,323.20  |
| Lafayette Blvd    | Rose Ave                      | Mark Ave                      | 1,203.84 | 0.228 | Concrete | 6 | \$ | 8.00 | \$ | 9,630.72  |
| Lafayette St      | Brest Ave                     | Old Goddard Rd                | 285.12   | 0.054 | Concrete | 6 | \$ | 8.00 | \$ | 2,280.96  |
| Lafayette St      | Old Goddard Rd                | Dead End                      | 844.8    | 0.16  | Concrete | 6 | \$ | 8.00 | \$ | 6,758.40  |
| LeBlanc Ave       | Hazel Ave                     | Dix Ave                       | 786.72   | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| LeBlanc Ave       | Abbot Ave                     | Howard Ave                    | 770.88   | 0.146 | Concrete | 6 | \$ | 8.00 | \$ | 6,167.04  |
| LeBlanc Ave       | Ferris Ave                    | Wilson Ave                    | 776.16   | 0.147 | Concrete | 6 | \$ | 8.00 | \$ | 6,209.28  |
| LeBlanc Ave       | Wilson Ave                    | Gohl Rd                       | 718.08   | 0.136 | Concrete | 6 | \$ | 8.00 | \$ | 5,744.64  |
| LeBlanc Ave       | O'Connor Ave                  | Russell Ave                   | 786.72   | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| Liberty Ave       | Abbot Ave                     | Howard Ave                    | 765.6    | 0.145 | Concrete | 6 | \$ | 8.00 | \$ | 6,124.80  |
| Liberty Ave       | Ferris Ave                    | Wilson Ave                    | 781.44   | 0.148 | Concrete | 6 | \$ | 8.00 | \$ | 6,251.52  |
| Liberty Ave       | Wilson Ave                    | Gohl Rd                       | 786.72   | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| London Ave        | Abbot Ave                     | Howard Ave                    | 654.72   | 0.124 | Concrete | 6 | \$ | 8.00 | \$ | 5,237.76  |
| London Ave        | Howard Ave                    | Lafayette St                  | 242.88   | 0.046 | Concrete | 6 | \$ | 8.00 | \$ | 1,943.04  |
| London Ave        | Chandler Ave                  | Chandler Ave                  | 691.68   | 0.131 | Concrete | 6 | \$ | 8.00 | \$ | 5,533.44  |
| London Ave        | Ferris Ave                    | Wilson Ave                    | 617.76   | 0.117 | Concrete | 6 | \$ | 8.00 | \$ | 4,942.08  |
| London Ave        | Wilson Ave                    | Merrill Ave                   | 908.16   | 0.172 | Concrete | 6 | \$ | 8.00 | \$ | 7,265.28  |
| Longtin Ave       | Ford Blvd                     | Saint Johns Blvd              | 385.44   | 0.073 | Concrete | 6 | \$ | 8.00 | \$ | 3,083.52  |
| Longtin Ave       | Saint Johns Blvd              | Dead End                      | 216.48   | 0.041 | Concrete | 6 | \$ | 8.00 | \$ | 1,731.84  |
| Longtin Ave       | Brest Ave                     | Old Goddard Rd                | 881.76   | 0.167 | Concrete | 6 | \$ | 8.00 | \$ | 7,054.08  |
| Mark Ave          | Bailey Ave                    | Champaign Rd                  | 628.32   | 0.119 | Concrete | 6 | \$ | 8.00 | \$ | 5,026.56  |
| Mark Ave          | Porter Ave                    | Dead End                      | 205.92   | 0.039 | Concrete | 6 | \$ | 8.00 | \$ | 1,647.36  |
| Mayflower Ave     | Chandler Ave                  | Ferris Ave                    | 691.68   | 0.131 | Concrete | 6 | \$ | 8.00 | \$ | 5,533.44  |
| Mayflower Ave     | Wilson Ave                    | Electric Ave                  | 543.84   | 0.103 | Concrete | 6 | \$ | 8.00 | \$ | 4,350.72  |
| Merrill Ave       | Abbot Ave                     | Howard Ave                    | 786.72   | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76  |
| Merrill Ave       | Howard Ave                    | Lafayette St                  | 649.44   | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52  |
| Merrill Ave       | Fort St                       | Ferris Ave                    | 792      | 0.15  | Concrete | 6 | \$ | 8.00 | \$ | 6,336.00  |
| Merrill Ave       | Ferris Ave                    | Wilson Ave                    | 654.72   | 0.124 | Concrete | 6 | \$ | 8.00 | \$ | 5,237.76  |
| Merrill Ave       | Wilson Ave                    | London Ave                    | 834.24   | 0.158 | Concrete | 6 | \$ | 8.00 | \$ | 6,673.92  |
| Michigan Ave      | Hazel Ave                     | Dix Ave                       | 834.24   | 0.158 | Concrete | 6 | \$ | 8.00 | \$ | 6,673.92  |
| Montie Rd         | Dead End                      | Porter Ave                    | 237.6    | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80  |
| Montie Rd         | Porter Ave                    | Dix Ave                       | 1019.04  | 0.193 | Concrete | 6 | \$ | 8.00 | \$ | 8,157.32  |
| Montie Rd         | Dix Ave                       | Frank Ave                     | 887.04   | 0.168 | Concrete | 6 | \$ | 8.00 | \$ | 7,096.32  |
| Montie Rd         | Applewood Ave                 | Pingree Ave                   | 295.68   | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44  |
| Montie Rd         | Pingree Ave                   | Empire Ave                    | 300.96   | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68  |
| Moore Ave         | Vine Ave                      | City/Twp Line                 | 422.4    | 0.08  | Concrete | 6 | \$ | 8.00 | \$ | 3,379.20  |
| Moore Ave         | City/Twp Line                 | London Ave                    | 522.72   | 0.099 | Concrete | 6 | \$ | 8.00 | \$ | 4,181.76  |
| Morris Ave        | Porter Ave                    | Dix Ave                       | 1008.48  | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84  |
| Morris Ave        | Dix Ave                       | Frank Ave                     | 892.32   | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56  |
| Myron Ave         | Howard Ave                    | Winchester Ave                | 839.52   | 0.159 | Concrete | 6 | \$ | 8.00 | \$ | 6,716.16  |
| New York Ave      | Howard Ave                    | Lafayette St                  | 649.44   | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52  |
| New York Ave      | Richmond Ave                  | Helen Ave                     | 300.96   | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68  |
| Oceana Ave        | Riopelle Ave                  | City/Twp Line                 | 274.56   | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48  |

|                  |                               |                      |         |       |          |   |    |      |    |          |
|------------------|-------------------------------|----------------------|---------|-------|----------|---|----|------|----|----------|
| O'Connor Ave     | Porter Ave                    | Dead End             | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| O'Connor Ave     | O'Connor Ave - Surface Change | Electric Ave         | 52.8    | 0.01  | Concrete | 6 | \$ | 8.00 | \$ | 422.40   |
| Old Goddard Rd   | Fort St                       | 23rd St              | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Old Goddard Rd   | 23rd St                       | 22nd St              | 401.28  | 0.076 | Concrete | 6 | \$ | 8.00 | \$ | 3,210.24 |
| Old Goddard Rd   | 22nd St                       | 21st St              | 427.68  | 0.081 | Concrete | 6 | \$ | 8.00 | \$ | 3,421.44 |
| Old Goddard Rd   | 21st St                       | Ferris Ave & 20th St | 200.64  | 0.038 | Concrete | 6 | \$ | 8.00 | \$ | 1,605.12 |
| Old Goddard Rd   | Ferris Ave & 20th St          | 19th St              | 322.08  | 0.061 | Concrete | 6 | \$ | 8.00 | \$ | 2,576.64 |
| Old Goddard Rd   | 19th St                       | 18th St              | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Old Goddard Rd   | 18th St                       | Wilson Ave & 17th St | 364.32  | 0.069 | Concrete | 6 | \$ | 8.00 | \$ | 2,914.56 |
| Old Goddard Rd   | Wilson Ave & 17th St          | 16th St              | 353.76  | 0.067 | Concrete | 6 | \$ | 8.00 | \$ | 2,830.08 |
| Old Goddard Rd   | 16th St                       | 15th St              | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Old Goddard Rd   | 15th St                       | Frank Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56 |
| Olive Ave        | Dix Ave                       | Dixford Ave          | 406.56  | 0.077 | Concrete | 6 | \$ | 8.00 | \$ | 3,252.48 |
| Olive Ave        | Porter Ave                    | Dix Ave              | 828.96  | 0.157 | Concrete | 6 | \$ | 8.00 | \$ | 6,631.68 |
| Pagel Ave        | Hazel Ave                     | Dix Ave              | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| Paris Ave        | Dead End                      | Porter Ave           | 1013.76 | 0.192 | Concrete | 6 | \$ | 8.00 | \$ | 8,110.08 |
| Paris Ave        | Porter Ave                    | Frank Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56 |
| Philomene Blvd   | Dix Ave                       | Porter St            | 739.2   | 0.14  | Concrete | 6 | \$ | 8.00 | \$ | 8,236.80 |
| Philomene Blvd   | Porter St                     | Dix Ave              | 1029.6  | 0.195 | Concrete | 6 | \$ | 8.00 | \$ | 8,236.80 |
| Philomene Blvd   | Capitol Ave                   | Mayflower Ave        | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Phigree Ave      | Capitol Ave                   | Hanover Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave       | Hogier Ave                    | Anne Ave             | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave       | Hanover Ave                   | Arlington Ave        | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Porter Ave       | Anne Ave                      | Council Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave       | Monite Rd                     | Old Goddard Rd       | 1050.72 | 0.199 | Concrete | 6 | \$ | 8.00 | \$ | 8,405.76 |
| Porter Ave       | Brest Ave                     | Progress Ave         | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,333.20 |
| Porter Ave       | Detroit Ave                   | Stewart Ave          | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave       | LeBlanc Ave                   | Michigan Ave         | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Porter Ave       | Pagel Ave                     | Buckingham Ave       | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Porter Ave       | Gregory Ave                   | Pagel Ave            | 279.84  | 0.053 | Concrete | 6 | \$ | 8.00 | \$ | 2,238.72 |
| Porter Ave       | Buckingham Ave                | Cleophus Pkwy        | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Porter St        | Philomene Blvd                | McLain Ave           | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Porter St        | Markese Ave                   | Bailey Ave           | 638.88  | 0.121 | Concrete | 6 | \$ | 8.00 | \$ | 5,111.04 |
| Progress Ave     | Wayne St                      | Abbott Ave           | 660     | 0.125 | Concrete | 6 | \$ | 8.00 | \$ | 5,280.00 |
| Progress Ave     | Porter Ave                    | Lafayette St         | 253.44  | 0.048 | Concrete | 6 | \$ | 8.00 | \$ | 2,027.52 |
| Progress Ave     | Alper Ave                     | McLain Ave           | 570.24  | 0.108 | Concrete | 6 | \$ | 8.00 | \$ | 4,561.92 |
| Regina Ave       | Dix Ave                       | City/Twp Line        | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Regina Ave       | Riopelle Ave                  | Frank Ave            | 892.32  | 0.169 | Concrete | 6 | \$ | 8.00 | \$ | 7,138.56 |
| Rego Ave         | Dix Ave                       | Hazel Ave            | 781.44  | 0.148 | Concrete | 6 | \$ | 8.00 | \$ | 6,251.52 |
| Richmond Ave     | Meyer Ct                      | Lafayette St         | 649.44  | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52 |
| Richmond Ave     | Howard Ave                    | Oceana Ave           | 184.8   | 0.035 | Concrete | 6 | \$ | 8.00 | \$ | 1,478.40 |
| Riopelle Ave     | Angeliue Ave                  | McLain Ave           | 179.52  | 0.034 | Concrete | 6 | \$ | 8.00 | \$ | 1,436.16 |
| Riopelle Ave     | Regina Ave                    | Porter Ave           | 665.28  | 0.126 | Concrete | 6 | \$ | 8.00 | \$ | 5,322.24 |
| River Bank Ave   | Dix Ave                       | Howard Ave           | 781.44  | 0.148 | Concrete | 6 | \$ | 8.00 | \$ | 6,251.52 |
| River Bank Ave   | Abbott Ave                    | Lafayette St         | 649.44  | 0.123 | Concrete | 6 | \$ | 8.00 | \$ | 5,195.52 |
| River Bank Ave   | Howard Ave                    | Fort St              | 918.72  | 0.174 | Concrete | 6 | \$ | 8.00 | \$ | 7,349.76 |
| River Bank Ave   | Lafayette St                  | Fort St              | 934.56  | 0.177 | Concrete | 6 | \$ | 8.00 | \$ | 7,476.48 |
| River Ct         | Emmons Blvd                   | River Dr             | 823.68  | 0.156 | Concrete | 6 | \$ | 8.00 | \$ | 6,589.44 |
| Rose Ave         | Bailey Ave                    | Champaign Rd         | 807.84  | 0.153 | Concrete | 6 | \$ | 8.00 | \$ | 6,462.72 |
| Rose Ave         | Lafayette St                  | Fort Park Blvd       | 121.44  | 0.023 | Concrete | 6 | \$ | 8.00 | \$ | 971.52   |
| Russell Ave      | Frank Ave                     | City/Twp Line        | 121.44  | 0.023 | Concrete | 6 | \$ | 8.00 | \$ | 971.52   |
| Russell Ave      | Grant Ave                     | Empire Ave           | 290.4   | 0.055 | Concrete | 6 | \$ | 8.00 | \$ | 2,333.20 |
| Saint Johns Blvd | Helen Ave                     | Irene Ave            | 269.28  | 0.051 | Concrete | 6 | \$ | 8.00 | \$ | 2,154.24 |
| Saint Johns Blvd | Irene Ave                     | Hazel Ave            | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |

|                  |                |                |         |       |          |   |    |      |    |          |
|------------------|----------------|----------------|---------|-------|----------|---|----|------|----|----------|
| Saint Johns Blvd | Hazel Ave      | Agnes Ave      | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Saint Johns Blvd | Agnes Ave      | Longtin Ave    | 274.56  | 0.052 | Concrete | 6 | \$ | 8.00 | \$ | 2,196.48 |
| Saint Johns Blvd | Longtin Ave    | Dix Ave        | 311.57  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,492.16 |
| Saint Johns Blvd | Dix Ave        | Coolidge Ave   | 343.2   | 0.065 | Concrete | 6 | \$ | 8.00 | \$ | 2,745.60 |
| Saint Johns Blvd | Coolidge Ave   | Dead End       | 543.84  | 0.103 | Concrete | 6 | \$ | 8.00 | \$ | 4,350.72 |
| Stewart Ave      | Applewood Ave  | LaCiecle Blvd  | 311.52  | 0.059 | Concrete | 6 | \$ | 8.00 | \$ | 2,492.16 |
| Stewart Ave      | LaCiecle Blvd  | Elliott Ave    | 316.8   | 0.06  | Concrete | 6 | \$ | 8.00 | \$ | 2,534.40 |
| Stewart Ave      | Elliott Ave    | River Dr       | 607.2   | 0.115 | Concrete | 6 | \$ | 8.00 | \$ | 4,857.60 |
| Stewart Ave      | Fort St        | Ferris Ave     | 723.36  | 0.137 | Concrete | 6 | \$ | 8.00 | \$ | 5,786.88 |
| Stewart Ave      | Ferris Ave     | Wilson Ave     | 696.96  | 0.132 | Concrete | 6 | \$ | 8.00 | \$ | 5,575.68 |
| Thomas Ave       | Champaign Rd   | Riopelle Ave   | 1061.28 | 0.201 | Concrete | 6 | \$ | 8.00 | \$ | 8,490.24 |
| University Ave   | Dead End       | Porter Ave     | 237.6   | 0.045 | Concrete | 6 | \$ | 8.00 | \$ | 1,900.80 |
| University Ave   | Porter Ave     | Dix Ave        | 1008.48 | 0.191 | Concrete | 6 | \$ | 8.00 | \$ | 8,067.84 |
| University Ave   | Frank Ave      | City/Twp Line  | 121.44  | 0.023 | Concrete | 6 | \$ | 8.00 | \$ | 971.52   |
| University Ave   | Lafayette Blvd | Howard St      | 675.84  | 0.128 | Concrete | 6 | \$ | 8.00 | \$ | 5,406.72 |
| Washington Ave   | Park Ave       | Cleophus Pkwy  | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Washington Ave   | Cleophus Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Wayne St         | Detroit Ave    | Progress Ave   | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Wilson Ave       | Cleophus Pkwy  | Southfield Rd  | 264     | 0.05  | Concrete | 6 | \$ | 8.00 | \$ | 2,112.00 |
| Wilson Ave       | Lincoln Blvd   | Garfield Ave   | 300.96  | 0.057 | Concrete | 6 | \$ | 8.00 | \$ | 2,407.68 |
| Wilson Ave       | Moran Ave      | River Bank Ave | 306.24  | 0.058 | Concrete | 6 | \$ | 8.00 | \$ | 2,449.92 |
| Wilson Ave       | Kings Hwy      | Emmons Blvd    | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Wilson Ave       | Winchester Ave | New York Ave   | 295.68  | 0.056 | Concrete | 6 | \$ | 8.00 | \$ | 2,365.44 |
| Winchester Ave   | Abtolt Ave     | Howard Ave     | 786.72  | 0.149 | Concrete | 6 | \$ | 8.00 | \$ | 6,293.76 |
| Winchester Ave   | Howard Ave     | Col-De-Sac     | 850.08  | 0.161 | Concrete | 6 | \$ | 8.00 | \$ | 6,800.64 |
| Winchester Ave   | Myron Ave      | Col-De-Sac     | 158.4   | 0.03  | Concrete | 6 | \$ | 8.00 | \$ | 1,267.20 |

\$ 2,337,624.96

**CITY OF LINCOLN PARK**  
**WATER MAIN REPLACEMENT PRIORITY**  
**PRELIMINARY ENGINEER'S ESTIMATE**

September 12, 2014

|                                                               |                        |
|---------------------------------------------------------------|------------------------|
| <b>Mill Street - Fort Street to River Drive</b>               |                        |
| Fort Street to Chandler                                       | \$ 192,532.50          |
| Chandler to Ferris                                            | \$ 166,660.00          |
| Ferris to Wilson                                              | \$ 136,115.00          |
| Wilson to Washington                                          | \$ 155,620.00          |
| Washington to Pingree                                         | \$ 152,552.50          |
| Pingree to Applewood                                          | \$ 134,010.00          |
| Applewood to Elliott                                          | \$ 151,340.00          |
| Elliott to River Drive                                        | \$ 166,840.00          |
| <b>TOTAL</b>                                                  | <b>\$ 1,255,670.00</b> |
| <b>Michigan Avenue - Ford Line Road to Dix Highway</b>        |                        |
| Ford Line to Hazel                                            | \$ 174,900.00          |
| Hazel to Dix                                                  | \$ 160,992.50          |
| <b>TOTAL</b>                                                  | <b>\$ 335,892.50</b>   |
| <b>Cleophus Street - Howard Avenue to Fort Park Boulevard</b> |                        |
| Howard to Lafayette                                           | \$ 147,065.00          |
| Lafayette to Fort Park                                        | \$ 169,187.50          |
| <b>TOTAL</b>                                                  | <b>\$ 316,252.50</b>   |
| <b>Cleveland Street - Wilson Avenue to Applewood Avenue</b>   |                        |
| Wilson to Washington                                          | \$ 147,840.00          |
| Washington to Pingree                                         | \$ 146,870.00          |
| Pingree to Applewood                                          | \$ 152,590.00          |
| <b>TOTAL</b>                                                  | <b>\$ 447,300.00</b>   |



**CITY OF LINCOLN PARK**  
**MILL STREET WATER MAIN REPLACEMENT**  
**FORT STREET TO RIVER DRIVE**  
**PRELIMINARY ENGINEER'S ESTIMATE**  
 September 12, 2014

| PRELIMINARY BIDDING COST ESTIMATE                        |          |      |             |              |          |      |             |              |          |      |             |              |          |      |             |              |
|----------------------------------------------------------|----------|------|-------------|--------------|----------|------|-------------|--------------|----------|------|-------------|--------------|----------|------|-------------|--------------|
| September 12, 2014                                       |          |      |             |              |          |      |             |              |          |      |             |              |          |      |             |              |
| Item                                                     | Quantity | Unit | Unit Price  | Total        | Quantity | Unit | Unit Price  | Total        | Quantity | Unit | Unit Price  | Total        | Quantity | Unit | Unit Price  | Total        |
| Fort Street to Chandler                                  |          |      |             |              |          |      |             |              |          |      |             |              |          |      |             |              |
| Audio Visual Record Prior to Construction                | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    |
| Traffic Maintenance and Control                          | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  |
| Remove Pavement                                          | 500      | SY   | \$ 8.00     | \$ 4,000.00  | 400      | SY   | \$ 8.00     | \$ 3,200.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  |
| Remove Driveway Approach                                 | 75       | SY   | \$ 5.00     | \$ 375.00    | 70       | SY   | \$ 5.00     | \$ 350.00    | 50       | SY   | \$ 5.00     | \$ 250.00    | 60       | SY   | \$ 5.00     | \$ 300.00    |
| Remove Sidewalk                                          | 4200     | SF   | \$ 1.00     | \$ 4,200.00  | 3875     | SF   | \$ 1.00     | \$ 3,875.00  | 3150     | SF   | \$ 1.00     | \$ 3,150.00  | 3350     | SF   | \$ 1.00     | \$ 3,350.00  |
| Tree Removal, 6-18 inch                                  | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    |
| Abandon Gate Valve in Well                               | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  |
| Remove Fire Hydrant                                      | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  |
| 8" PVC, C905, 4x235 Water Main                           | 825      | LF   | \$ 70.00    | \$ 57,750.00 | 700      | LF   | \$ 70.00    | \$ 49,000.00 | 600      | LF   | \$ 70.00    | \$ 42,000.00 | 600      | LF   | \$ 70.00    | \$ 42,000.00 |
| 8" Gate Valve in Well                                    | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  | 1        | EA   | \$ 3,000.00 | \$ 3,000.00  | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  |
| Fire Hydrant Assembly                                    | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  |
| 1" Short Side Water Service                              | 16       | EA   | \$ 750.00   | \$ 12,000.00 | 15       | EA   | \$ 750.00   | \$ 11,250.00 | 11       | EA   | \$ 750.00   | \$ 8,250.00  | 14       | EA   | \$ 750.00   | \$ 10,500.00 |
| 17" Long Side Water Service                              | 16       | EA   | \$ 1,250.00 | \$ 20,000.00 | 15       | EA   | \$ 1,250.00 | \$ 18,750.00 | 6        | EA   | \$ 1,250.00 | \$ 7,500.00  | 14       | EA   | \$ 1,250.00 | \$ 17,500.00 |
| Water Main Connection                                    | 1        | EA   | \$ 2,500.00 | \$ 2,500.00  | 0        | EA   | \$ 2,500.00 | \$ 0.00      | 0        | EA   | \$ 2,500.00 | \$ 0.00      | 2        | EA   | \$ 2,500.00 | \$ 5,000.00  |
| Abandon Existing Water Main                              | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  |
| Maintenance Aggregate                                    | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  |
| Subgrade Underdrain, 6 inch                              | 825      | LF   | \$ 7.00     | \$ 5,775.00  | 700      | LF   | \$ 7.00     | \$ 4,900.00  | 600      | LF   | \$ 7.00     | \$ 4,200.00  | 600      | LF   | \$ 7.00     | \$ 4,200.00  |
| Aggregate Base, 6 inch                                   | 600      | SY   | \$ 5.00     | \$ 3,000.00  | 500      | SY   | \$ 5.00     | \$ 2,500.00  | 400      | SY   | \$ 5.00     | \$ 2,000.00  | 400      | SY   | \$ 5.00     | \$ 2,000.00  |
| Concrete Pavement, 7" with Integral Curb and Asphalt Cap | 500      | SY   | \$ 42.00    | \$ 21,000.00 | 400      | SY   | \$ 42.00    | \$ 16,800.00 | 350      | SY   | \$ 42.00    | \$ 14,700.00 | 350      | SY   | \$ 42.00    | \$ 14,700.00 |
| Driveway, Concrete 6 inch                                | 75       | SY   | \$ 33.00    | \$ 2,475.00  | 70       | SY   | \$ 33.00    | \$ 2,310.00  | 50       | SY   | \$ 33.00    | \$ 1,650.00  | 60       | SY   | \$ 33.00    | \$ 1,980.00  |
| Concrete Sidewalk, 6 inch                                | 2900     | SF   | \$ 2.80     | \$ 8,120.00  | 2625     | SF   | \$ 2.80     | \$ 7,350.00  | 2100     | SF   | \$ 2.80     | \$ 5,880.00  | 2150     | SF   | \$ 2.80     | \$ 6,020.00  |
| Sidewalk Ramp with Detectable Warnings                   | 800      | SF   | \$ 3.50     | \$ 2,800.00  | 750      | SF   | \$ 3.50     | \$ 2,625.00  | 550      | SF   | \$ 3.50     | \$ 1,925.00  | 700      | SF   | \$ 3.50     | \$ 2,450.00  |
| Restoration and Sprinkler Repairs                        | 500      | SF   | \$ 8.50     | \$ 4,250.00  | 500      | SF   | \$ 8.50     | \$ 4,250.00  | 500      | SF   | \$ 8.50     | \$ 4,250.00  | 500      | SF   | \$ 8.50     | \$ 4,250.00  |
|                                                          | 8.25     | STA  | \$ 350.00   | \$ 2,887.50  | 7        | STA  | \$ 350.00   | \$ 2,450.00  | 6        | STA  | \$ 350.00   | \$ 2,100.00  | 6        | STA  | \$ 350.00   | \$ 2,100.00  |
| Chandler to Ferris                                       |          |      |             |              |          |      |             |              |          |      |             |              |          |      |             |              |
| Audio Visual Record Prior to Construction                | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    |
| Traffic Maintenance and Control                          | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  |
| Remove Pavement                                          | 500      | SY   | \$ 8.00     | \$ 4,000.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  |
| Remove Driveway Approach                                 | 75       | SY   | \$ 5.00     | \$ 375.00    | 50       | SY   | \$ 5.00     | \$ 250.00    | 50       | SY   | \$ 5.00     | \$ 250.00    | 60       | SY   | \$ 5.00     | \$ 300.00    |
| Remove Sidewalk                                          | 4200     | SF   | \$ 1.00     | \$ 4,200.00  | 3150     | SF   | \$ 1.00     | \$ 3,150.00  | 3150     | SF   | \$ 1.00     | \$ 3,150.00  | 3350     | SF   | \$ 1.00     | \$ 3,350.00  |
| Tree Removal, 6-18 inch                                  | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    |
| Abandon Gate Valve in Well                               | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  |
| Remove Fire Hydrant                                      | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  |
| 8" PVC, C905, 4x235 Water Main                           | 825      | LF   | \$ 70.00    | \$ 57,750.00 | 700      | LF   | \$ 70.00    | \$ 49,000.00 | 600      | LF   | \$ 70.00    | \$ 42,000.00 | 600      | LF   | \$ 70.00    | \$ 42,000.00 |
| 8" Gate Valve in Well                                    | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  | 1        | EA   | \$ 3,000.00 | \$ 3,000.00  | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  |
| Fire Hydrant Assembly                                    | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  |
| 1" Short Side Water Service                              | 16       | EA   | \$ 750.00   | \$ 12,000.00 | 15       | EA   | \$ 750.00   | \$ 11,250.00 | 11       | EA   | \$ 750.00   | \$ 8,250.00  | 14       | EA   | \$ 750.00   | \$ 10,500.00 |
| 17" Long Side Water Service                              | 16       | EA   | \$ 1,250.00 | \$ 20,000.00 | 15       | EA   | \$ 1,250.00 | \$ 18,750.00 | 6        | EA   | \$ 1,250.00 | \$ 7,500.00  | 14       | EA   | \$ 1,250.00 | \$ 17,500.00 |
| Water Main Connection                                    | 1        | EA   | \$ 2,500.00 | \$ 2,500.00  | 0        | EA   | \$ 2,500.00 | \$ 0.00      | 0        | EA   | \$ 2,500.00 | \$ 0.00      | 2        | EA   | \$ 2,500.00 | \$ 5,000.00  |
| Maintenance Aggregate                                    | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  |
| Subgrade Underdrain, 6 inch                              | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  |
| Aggregate Base, 6 inch                                   | 825      | LF   | \$ 7.00     | \$ 5,775.00  | 700      | LF   | \$ 7.00     | \$ 4,900.00  | 600      | LF   | \$ 7.00     | \$ 4,200.00  | 600      | LF   | \$ 7.00     | \$ 4,200.00  |
| Concrete Pavement, 7" with Integral Curb and Asphalt Cap | 500      | SY   | \$ 42.00    | \$ 21,000.00 | 400      | SY   | \$ 42.00    | \$ 16,800.00 | 350      | SY   | \$ 42.00    | \$ 14,700.00 | 350      | SY   | \$ 42.00    | \$ 14,700.00 |
| Driveway, Concrete 6 inch                                | 75       | SY   | \$ 33.00    | \$ 2,475.00  | 70       | SY   | \$ 33.00    | \$ 2,310.00  | 50       | SY   | \$ 33.00    | \$ 1,650.00  | 60       | SY   | \$ 33.00    | \$ 1,980.00  |
| Concrete Sidewalk, 6 inch                                | 2900     | SF   | \$ 2.80     | \$ 8,120.00  | 2625     | SF   | \$ 2.80     | \$ 7,350.00  | 2100     | SF   | \$ 2.80     | \$ 5,880.00  | 2150     | SF   | \$ 2.80     | \$ 6,020.00  |
| Sidewalk Ramp with Detectable Warnings                   | 800      | SF   | \$ 3.50     | \$ 2,800.00  | 750      | SF   | \$ 3.50     | \$ 2,625.00  | 550      | SF   | \$ 3.50     | \$ 1,925.00  | 700      | SF   | \$ 3.50     | \$ 2,450.00  |
| Restoration and Sprinkler Repairs                        | 500      | SF   | \$ 8.50     | \$ 4,250.00  | 500      | SF   | \$ 8.50     | \$ 4,250.00  | 500      | SF   | \$ 8.50     | \$ 4,250.00  | 500      | SF   | \$ 8.50     | \$ 4,250.00  |
|                                                          | 8.25     | STA  | \$ 350.00   | \$ 2,887.50  | 7        | STA  | \$ 350.00   | \$ 2,450.00  | 6        | STA  | \$ 350.00   | \$ 2,100.00  | 6        | STA  | \$ 350.00   | \$ 2,100.00  |
| Ferris to Wilson                                         |          |      |             |              |          |      |             |              |          |      |             |              |          |      |             |              |
| Audio Visual Record Prior to Construction                | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    | 1        | IS   | \$ 500.00   | \$ 500.00    |
| Traffic Maintenance and Control                          | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  | 1        | IS   | \$ 2,500.00 | \$ 2,500.00  |
| Remove Pavement                                          | 500      | SY   | \$ 8.00     | \$ 4,000.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  | 350      | SY   | \$ 8.00     | \$ 2,800.00  |
| Remove Driveway Approach                                 | 75       | SY   | \$ 5.00     | \$ 375.00    | 50       | SY   | \$ 5.00     | \$ 250.00    | 50       | SY   | \$ 5.00     | \$ 250.00    | 60       | SY   | \$ 5.00     | \$ 300.00    |
| Remove Sidewalk                                          | 4200     | SF   | \$ 1.00     | \$ 4,200.00  | 3150     | SF   | \$ 1.00     | \$ 3,150.00  | 3150     | SF   | \$ 1.00     | \$ 3,150.00  | 3350     | SF   | \$ 1.00     | \$ 3,350.00  |
| Tree Removal, 6-18 inch                                  | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    | 0        | EA   | \$ 750.00   | \$ 350.00    |
| Abandon Gate Valve in Well                               | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  | 1        | EA   | \$ 350.00   | \$ 1,000.00  |
| Remove Fire Hydrant                                      | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  | 2        | EA   | \$ 500.00   | \$ 1,000.00  |
| 8" PVC, C905, 4x235 Water Main                           | 825      | LF   | \$ 70.00    | \$ 57,750.00 | 700      | LF   | \$ 70.00    | \$ 49,000.00 | 600      | LF   | \$ 70.00    | \$ 42,000.00 | 600      | LF   | \$ 70.00    | \$ 42,000.00 |
| 8" Gate Valve in Well                                    | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  | 1        | EA   | \$ 3,000.00 | \$ 3,000.00  | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  | 2        | EA   | \$ 3,000.00 | \$ 6,000.00  |
| Fire Hydrant Assembly                                    | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  | 2        | EA   | \$ 3,500.00 | \$ 7,000.00  |
| 1" Short Side Water Service                              | 16       | EA   | \$ 750.00   | \$ 12,000.00 | 15       | EA   | \$ 750.00   | \$ 11,250.00 | 11       | EA   | \$ 750.00   | \$ 8,250.00  | 14       | EA   | \$ 750.00   | \$ 10,500.00 |
| 17" Long Side Water Service                              | 16       | EA   | \$ 1,250.00 | \$ 20,000.00 | 15       | EA   | \$ 1,250.00 | \$ 18,750.00 | 6        | EA   | \$ 1,250.00 | \$ 7,500.00  | 14       | EA   | \$ 1,250.00 | \$ 17,500.00 |
| Water Main Connection                                    | 1        | EA   | \$ 2,500.00 | \$ 2,500.00  | 0        | EA   | \$ 2,500.00 | \$ 0.00      | 0        | EA   | \$ 2,500.00 | \$ 0.00      | 2        | EA   | \$ 2,500.00 | \$ 5,000.00  |
| Maintenance Aggregate                                    | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  | 1        | IS   | \$ 1,500.00 | \$ 1,500.00  |
| Subgrade Underdrain, 6 inch                              | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  | 250      | CY   | \$ 10.00    | \$ 2,500.00  |
| Aggregate Base, 6 inch                                   | 825      | LF   | \$ 7.00     | \$ 5,775.00  | 700      | LF   | \$ 7.00     | \$ 4,900.00  | 600      | LF   | \$ 7.00     | \$ 4,200.00  | 600      | LF   | \$ 7.00     | \$ 4,200.00  |
| Concrete Pavement, 7" with Integral Curb and Asphalt Cap | 500      | SY   | \$ 42.00    | \$ 21,000.00 | 400      | SY   | \$ 42.00    | \$ 16,800.00 | 350      | SY   | \$ 42.00    | \$ 14,700.00 | 350      | SY   | \$ 42.00    | \$ 14,700.00 |
| Driveway, Concrete 6 inch                                | 75       | SY   | \$ 33.00    | \$ 2,475.00  | 70       | SY   | \$ 33.00    | \$ 2,310.00  | 50       | SY   | \$ 33.00    | \$ 1,650.00  | 60       | SY</ |             |              |



| Quantity             | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Quantity | Unit | Unit Price | Total     | Grand Total |
|----------------------|------|------------|-----------|----------|------|------------|-----------|----------|------|------------|-----------|----------|------|------------|-----------|----------|------|------------|-----------|-------------|
| Washington to Pngree |      |            |           |          |      |            |           |          |      |            |           |          |      |            |           |          |      |            |           |             |
| 1 LS                 | \$   | 500.00     | 500.00    | 1 LS     | \$   | 500.00     | 500.00    | 1 LS     | \$   | 500.00     | 500.00    | 1 LS     | \$   | 500.00     | 500.00    | 1 LS     | \$   | 500.00     | 500.00    | 4,000.00    |
| 1 LS                 | \$   | 2,500.00   | 2,500.00  | 1 LS     | \$   | 2,500.00   | 2,500.00  | 1 LS     | \$   | 2,500.00   | 2,500.00  | 1 LS     | \$   | 2,500.00   | 2,500.00  | 1 LS     | \$   | 2,500.00   | 2,500.00  | 20,000.00   |
| 350 SY               | \$   | 8.00       | 2,800.00  | 500 SY   | \$   | 8.00       | 4,000.00  | 350 SY   | \$   | 8.00       | 2,800.00  | 400 SY   | \$   | 8.00       | 3,200.00  | 65 SY    | \$   | 3.20       | 208.00    | 25,600.00   |
| 65 SY                | \$   | 5.00       | 325.00    | 75 SY    | \$   | 5.00       | 375.00    | 65 SY    | \$   | 5.00       | 325.00    | 65 SY    | \$   | 5.00       | 325.00    | 65 SY    | \$   | 5.00       | 325.00    | 2,625.00    |
| 3375 SF              | \$   | 1.00       | 3,375.00  | 3000 SF  | \$   | 1.00       | 3,000.00  | 3350 SF  | \$   | 1.00       | 3,350.00  | 3850 SF  | \$   | 1.00       | 3,850.00  | 3850 SF  | \$   | 1.00       | 3,850.00  | 28,150.00   |
| 0 EA                 | \$   | 750.00     |           | 0 EA     | \$   | 750.00     |           | 1 EA     | \$   | 750.00     | 750.00    | 0 EA     | \$   | 750.00     |           | 0 EA     | \$   | 750.00     |           | 750.00      |
| 1 EA                 | \$   | 350.00     | 350.00    | 1 EA     | \$   | 350.00     | 350.00    | 1 EA     | \$   | 350.00     | 350.00    | 1 EA     | \$   | 350.00     | 350.00    | 1 EA     | \$   | 350.00     | 350.00    | 2,800.00    |
| 2 EA                 | \$   | 500.00     | 1,000.00  | 2 EA     | \$   | 500.00     | 1,000.00  | 2 EA     | \$   | 500.00     | 1,000.00  | 2 EA     | \$   | 500.00     | 1,000.00  | 2 EA     | \$   | 500.00     | 1,000.00  | 8,000.00    |
| 600 LF               | \$   | 70.00      | 42,000.00 | 600 LF   | \$   | 70.00      | 42,000.00 | 600 LF   | \$   | 70.00      | 42,000.00 | 700 LF   | \$   | 70.00      | 49,000.00 | 700 LF   | \$   | 70.00      | 49,000.00 | 365,250.00  |
| 1 EA                 | \$   | 3,000.00   | 3,000.00  | 1 EA     | \$   | 3,000.00   | 3,000.00  | 1 EA     | \$   | 3,000.00   | 3,000.00  | 1 EA     | \$   | 3,000.00   | 3,000.00  | 1 EA     | \$   | 3,000.00   | 3,000.00  | 27,000.00   |
| 2 EA                 | \$   | 3,500.00   | 7,000.00  | 2 EA     | \$   | 3,500.00   | 7,000.00  | 2 EA     | \$   | 3,500.00   | 7,000.00  | 2 EA     | \$   | 3,500.00   | 7,000.00  | 2 EA     | \$   | 3,500.00   | 7,000.00  | 56,000.00   |
| 15 EA                | \$   | 750.00     | 11,250.00 | 16 EA    | \$   | 750.00     | 12,000.00 | 14 EA    | \$   | 750.00     | 10,500.00 | 14 EA    | \$   | 750.00     | 10,500.00 | 14 EA    | \$   | 750.00     | 10,500.00 | 86,250.00   |
| 15 EA                | \$   | 1,250.00   | 18,750.00 | 0 EA     | \$   | 1,250.00   |           | 0 EA     | \$   | 1,250.00   |           | 0 EA     | \$   | 1,250.00   |           | 1 EA     | \$   | 1,250.00   | 1,250.00  | 117,500.00  |
| 0 EA                 | \$   | 2,500.00   |           | 0 EA     | \$   | 2,500.00   |           | 0 EA     | \$   | 2,500.00   |           | 0 EA     | \$   | 2,500.00   |           | 1 EA     | \$   | 2,500.00   | 2,500.00  | 10,000.00   |
| 1 LS                 | \$   | 1,500.00   | 1,500.00  | 1 LS     | \$   | 1,500.00   | 1,500.00  | 1 LS     | \$   | 1,500.00   | 1,500.00  | 1 LS     | \$   | 1,500.00   | 1,500.00  | 1 LS     | \$   | 1,500.00   | 1,500.00  | 12,000.00   |
| 250 CY               | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 250 CY   | \$   | 10.00      | 2,500.00  | 20,000.00   |
| 600 LF               | \$   | 7.00       | 4,200.00  | 600 LF   | \$   | 7.00       | 4,200.00  | 600 LF   | \$   | 7.00       | 4,200.00  | 700 LF   | \$   | 7.00       | 4,900.00  | 700 LF   | \$   | 7.00       | 4,900.00  | 36,575.00   |
| 400 SY               | \$   | 5.00       | 2,000.00  | 400 SY   | \$   | 5.00       | 2,000.00  | 400 SY   | \$   | 5.00       | 2,000.00  | 500 SY   | \$   | 5.00       | 2,500.00  | 500 SY   | \$   | 5.00       | 2,500.00  | 18,000.00   |
| 350 SY               | \$   | 42.00      | 14,700.00 | 350 SY   | \$   | 42.00      | 14,700.00 | 350 SY   | \$   | 42.00      | 14,700.00 | 400 SY   | \$   | 42.00      | 16,800.00 | 400 SY   | \$   | 42.00      | 16,800.00 | 128,100.00  |
| 65 SY                | \$   | 33.00      | 2,145.00  | 65 SY    | \$   | 33.00      | 2,145.00  | 65 SY    | \$   | 33.00      | 2,145.00  | 65 SY    | \$   | 33.00      | 2,145.00  | 65 SY    | \$   | 33.00      | 2,145.00  | 17,325.00   |
| 2075 SF              | \$   | 2.80       | 5,810.00  | 1700 SF  | \$   | 2.80       | 4,760.00  | 2150 SF  | \$   | 2.80       | 6,020.00  | 2650 SF  | \$   | 2.80       | 7,420.00  | 2650 SF  | \$   | 2.80       | 7,420.00  | 51,380.00   |
| 725 SF               | \$   | 3.50       | 2,537.50  | 800 SF   | \$   | 3.50       | 2,800.00  | 700 SF   | \$   | 3.50       | 2,450.00  | 700 SF   | \$   | 3.50       | 2,450.00  | 700 SF   | \$   | 3.50       | 2,450.00  | 20,037.50   |
| 500 SF               | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 500 SF   | \$   | 8.50       | 4,250.00  | 34,000.00   |
| 6 STA                | \$   | 350.00     | 2,100.00  | 6 STA    | \$   | 350.00     | 2,100.00  | 6 STA    | \$   | 350.00     | 2,100.00  | 7 STA    | \$   | 350.00     | 2,450.00  | 7 STA    | \$   | 350.00     | 2,450.00  | 18,287.50   |

|    |            |
|----|------------|
| \$ | 134,592.50 |
| \$ | 2,690.00   |
| \$ | 10,560.00  |
| \$ | 2,020.00   |
| \$ | 2,690.00   |
| \$ | 157,552.50 |

|    |            |
|----|------------|
| \$ | 117,010.00 |
| \$ | 2,340.00   |
| \$ | 10,560.00  |
| \$ | 1,760.00   |
| \$ | 2,340.00   |
| \$ | 134,010.00 |

|    |            |
|----|------------|
| \$ | 133,440.00 |
| \$ | 2,670.00   |
| \$ | 10,560.00  |
| \$ | 2,000.00   |
| \$ | 2,670.00   |
| \$ | 151,340.00 |

|    |              |
|----|--------------|
| \$ | 148,140.00   |
| \$ | 2,960.00     |
| \$ | 10,560.00    |
| \$ | 2,270.00     |
| \$ | 2,960.00     |
| \$ | 166,890.00   |
| \$ | 1,255,670.00 |

**CITY OF LINCOLN PARK**  
**MICHIGAN AVENUE**  
**FORD LINE ROAD TO DIX HIGHWAY**  
**PRELIMINARY ENGINEER'S ESTIMATE**

September 12, 2014

| Item                                      | Quantity | Unit | Unit Price  | Total         | Quantity | Unit | Unit Price  | Total        | Grand Total   |
|-------------------------------------------|----------|------|-------------|---------------|----------|------|-------------|--------------|---------------|
| Ford Line to Hazel                        |          |      |             |               |          |      |             |              |               |
| Audio-Visual Record Prior to Construction | 1 LS     |      | \$ 500.00   | \$ 500.00     | 1 LS     |      | \$ 500.00   | \$ 500.00    | \$ 1,000.00   |
| Traffic Maintenance and Control           | 1 LS     |      | \$ 2,500.00 | \$ 2,500.00   | 1 LS     |      | \$ 2,500.00 | \$ 2,500.00  | \$ 5,000.00   |
| Remove Pavement                           | 30 SY    |      | \$ 10.00    | \$ 300.00     | 30 SY    |      | \$ 10.00    | \$ 300.00    | \$ 600.00     |
| Remove Driveway Approach                  | 250 SY   |      | \$ 5.00     | \$ 1,250.00   | 250 SY   |      | \$ 5.00     | \$ 1,250.00  | \$ 2,500.00   |
| Remove Sidewalk                           | 4125 SF  |      | \$ 1.00     | \$ 4,125.00   | 4300 SF  |      | \$ 1.00     | \$ 4,300.00  | \$ 8,425.00   |
| Tree Removal, 6-18 Inch                   | 11 EA    |      | \$ 750.00   | \$ 8,250.00   | 5 EA     |      | \$ 750.00   | \$ 3,750.00  | \$ 12,000.00  |
| Abandon Gate Valve in Well                | 1 EA     |      | \$ 350.00   | \$ 350.00     | 1 EA     |      | \$ 350.00   | \$ 350.00    | \$ 700.00     |
| Remove Fire Hydrant                       | 2 EA     |      | \$ 500.00   | \$ 1,000.00   | 2 EA     |      | \$ 500.00   | \$ 1,000.00  | \$ 2,000.00   |
| 8" PVC, C909, PC235 Water Main            | 825 LF   |      | \$ 70.00    | \$ 57,750.00  | 775 LF   |      | \$ 70.00    | \$ 54,250.00 | \$ 112,000.00 |
| 8" Gate Valve in Well                     | 1 EA     |      | \$ 3,000.00 | \$ 3,000.00   | 1 EA     |      | \$ 3,000.00 | \$ 3,000.00  | \$ 6,000.00   |
| Fire Hydrant Assembly                     | 2 EA     |      | \$ 3,500.00 | \$ 7,000.00   | 2 EA     |      | \$ 3,500.00 | \$ 7,000.00  | \$ 14,000.00  |
| 1" Short Side Water Service               | 16 EA    |      | \$ 750.00   | \$ 12,000.00  | 14 EA    |      | \$ 750.00   | \$ 10,500.00 | \$ 22,500.00  |
| 1" Long Side Water Service                | 16 EA    |      | \$ 1,250.00 | \$ 20,000.00  | 17 EA    |      | \$ 1,250.00 | \$ 21,250.00 | \$ 41,250.00  |
| Water Main Connection                     | 1 EA     |      | \$ 2,500.00 | \$ 2,500.00   | 1 EA     |      | \$ 2,500.00 | \$ 2,500.00  | \$ 5,000.00   |
| Abandon Existing Water Main               | 1 LS     |      | \$ 1,500.00 | \$ 1,500.00   | 1 LS     |      | \$ 1,500.00 | \$ 1,500.00  | \$ 3,000.00   |
| Maintenance Aggregate                     | 250 CY   |      | \$ 10.00    | \$ 2,500.00   | 250 CY   |      | \$ 10.00    | \$ 2,500.00  | \$ 5,000.00   |
| Aggregate Base, 6 Inch                    | 50 SY    |      | \$ 5.00     | \$ 250.00     | 50 SY    |      | \$ 5.00     | \$ 250.00    | \$ 500.00     |
| Concrete Pavement, 7" with Integral Curb  | 30 SY    |      | \$ 42.00    | \$ 1,260.00   | 30 SY    |      | \$ 42.00    | \$ 1,260.00  | \$ 2,520.00   |
| Driveway, Concrete 6 Inch                 | 250 SY   |      | \$ 33.00    | \$ 8,250.00   | 250 SY   |      | \$ 33.00    | \$ 8,250.00  | \$ 16,500.00  |
| Concrete Sidewalk, 4 Inch                 | 2125 SF  |      | \$ 2.80     | \$ 5,950.00   | 3400 SF  |      | \$ 2.80     | \$ 9,520.00  | \$ 15,470.00  |
| Concrete Sidewalk, 6 Inch                 | 3125 SF  |      | \$ 3.50     | \$ 10,937.50  | 700 SF   |      | \$ 3.50     | \$ 2,450.00  | \$ 13,387.50  |
| Sidewalk Ramp with Detectable Warnings    | 200 SF   |      | \$ 8.50     | \$ 1,700.00   | 200 SF   |      | \$ 8.50     | \$ 1,700.00  | \$ 3,400.00   |
| Restoration and Sprinkler Repairs         | 8.25 STA |      | \$ 350.00   | \$ 2,887.50   | 7.75 STA |      | \$ 350.00   | \$ 2,712.50  | \$ 5,600.00   |
| CONSTRUCTION TOTAL                        |          |      |             | \$ 155,760.00 |          |      |             |              | \$ 298,352.50 |
| CONSTRUCTION STAKING (2%)                 |          |      |             | \$ 3,120.00   |          |      |             |              | \$ 5,970.00   |
| CONSTRUCTION OBSERVATION AND INSPECTION   |          |      |             | \$ 10,560.00  |          |      |             |              | \$ 21,120.00  |
| CONSTRUCTION TESTING (1.5%)               |          |      |             | \$ 2,340.00   |          |      |             |              | \$ 4,480.00   |
| CONSTRUCTION ADMINISTRATION (2%)          |          |      |             | \$ 3,120.00   |          |      |             |              | \$ 5,970.00   |
| GRAND TOTAL                               |          |      |             | \$ 174,900.00 |          |      |             |              | \$ 335,892.50 |

|               |               |
|---------------|---------------|
| \$ 142,592.50 | \$ 298,352.50 |
| \$ 2,850.00   | \$ 5,970.00   |
| \$ 10,560.00  | \$ 21,120.00  |
| \$ 2,140.00   | \$ 4,480.00   |
| \$ 2,850.00   | \$ 5,970.00   |
| \$ 160,992.50 | \$ 335,892.50 |

**CITY OF LINCOLN PARK**  
**CLEOPHUS STREET**  
**HOWARD STREET TO FORT PARK BOULEVARD**  
**PRELIMINARY ENGINEER'S ESTIMATE**

September 12, 2014

| Item                                      | Quantity | Unit | Unit Price  | Total         | Quantity               | Unit | Unit Price  | Total        | Grand Total   |
|-------------------------------------------|----------|------|-------------|---------------|------------------------|------|-------------|--------------|---------------|
| Howard to Lafayette                       |          |      |             |               | Lafayette to Fort Park |      |             |              |               |
| Audio-Visual Record Prior to Construction | 1 LS     |      | \$ 500.00   | \$ 500.00     | 1 LS                   |      | \$ 500.00   | \$ 500.00    | \$ 1,000.00   |
| Traffic Maintenance and Control           | 1 LS     |      | \$ 2,500.00 | \$ 2,500.00   | 1 LS                   |      | \$ 2,500.00 | \$ 2,500.00  | \$ 5,000.00   |
| Remove Pavement                           | 30 SY    |      | \$ 10.00    | \$ 300.00     | 30 SY                  |      | \$ 10.00    | \$ 300.00    | \$ 600.00     |
| Remove Driveway Approach                  | 350 SY   |      | \$ 5.00     | \$ 1,750.00   | 600 SY                 |      | \$ 5.00     | \$ 3,000.00  | \$ 4,750.00   |
| Remove Sidewalk                           | 3825 SF  |      | \$ 1.00     | \$ 3,825.00   | 4825 SF                |      | \$ 1.00     | \$ 4,825.00  | \$ 8,650.00   |
| Tree Removal, 6-18 Inch                   | 2 EA     |      | \$ 750.00   | \$ 1,500.00   | 2 EA                   |      | \$ 750.00   | \$ 1,500.00  | \$ 3,000.00   |
| Abandon Gate Valve in Well                | 1 EA     |      | \$ 350.00   | \$ 350.00     | 1 EA                   |      | \$ 350.00   | \$ 350.00    | \$ 700.00     |
| Remove Fire Hydrant                       | 2 EA     |      | \$ 500.00   | \$ 1,000.00   | 3 EA                   |      | \$ 500.00   | \$ 1,500.00  | \$ 2,500.00   |
| 8" PVC, C909, PC235 Water Main            | 700 LF   |      | \$ 70.00    | \$ 49,000.00  | 950 LF                 |      | \$ 70.00    | \$ 66,500.00 | \$ 115,500.00 |
| 8" Gate Valve in Well                     | 2 EA     |      | \$ 3,000.00 | \$ 6,000.00   | 1 EA                   |      | \$ 3,000.00 | \$ 3,000.00  | \$ 9,000.00   |
| Fire Hydrant Assembly                     | 2 EA     |      | \$ 3,500.00 | \$ 7,000.00   | 3 EA                   |      | \$ 3,500.00 | \$ 10,500.00 | \$ 17,500.00  |
| 1" Short Side Water Service               | 6 EA     |      | \$ 750.00   | \$ 4,500.00   | 6 EA                   |      | \$ 750.00   | \$ 4,500.00  | \$ 9,000.00   |
| 1" Long Side Water Service                | 13 EA    |      | \$ 1,250.00 | \$ 16,250.00  | 3 EA                   |      | \$ 1,250.00 | \$ 3,750.00  | \$ 20,000.00  |
| Water Main Connection                     | 1 EA     |      | \$ 2,500.00 | \$ 2,500.00   | 1 EA                   |      | \$ 2,500.00 | \$ 2,500.00  | \$ 5,000.00   |
| Abandon Existing Water Main               | 1 LS     |      | \$ 1,500.00 | \$ 1,500.00   | 1 LS                   |      | \$ 1,500.00 | \$ 1,500.00  | \$ 3,000.00   |
| Maintenance Aggregate                     | 250 CY   |      | \$ 10.00    | \$ 2,500.00   | 250 CY                 |      | \$ 10.00    | \$ 2,500.00  | \$ 5,000.00   |
| Aggregate Base, 6 Inch                    | 50 SY    |      | \$ 5.00     | \$ 250.00     | 50 SY                  |      | \$ 5.00     | \$ 250.00    | \$ 500.00     |
| Concrete Pavement, 7" with Integral Curb  | 30 SY    |      | \$ 42.00    | \$ 1,260.00   | 30 SY                  |      | \$ 42.00    | \$ 1,260.00  | \$ 2,520.00   |
| Driveway, Concrete 6 Inch                 | 350 SY   |      | \$ 33.00    | \$ 11,550.00  | 600 SY                 |      | \$ 33.00    | \$ 19,800.00 | \$ 31,350.00  |
| Concrete Sidewalk, 4 Inch                 | 2125 SF  |      | \$ 2.80     | \$ 5,950.00   | 2000 SF                |      | \$ 2.80     | \$ 5,600.00  | \$ 11,550.00  |
| Concrete Sidewalk, 6 Inch                 | 1500 SF  |      | \$ 3.50     | \$ 5,250.00   | 2625 SF                |      | \$ 3.50     | \$ 9,187.50  | \$ 14,437.50  |
| Sidewalk Ramp with Detectable Warnings    | 200 SF   |      | \$ 8.50     | \$ 1,700.00   | 200 SF                 |      | \$ 8.50     | \$ 1,700.00  | \$ 3,400.00   |
| Restoration and Sprinkler Repairs         | 7 STA    |      | \$ 350.00   | \$ 2,450.00   | 9.5 STA                |      | \$ 350.00   | \$ 3,325.00  | \$ 5,775.00   |
| CONSTRUCTION TOTAL                        |          |      |             | \$ 129,385.00 |                        |      |             |              | \$ 279,732.50 |
| CONSTRUCTION STAKING (2%)                 |          |      |             | \$ 2,590.00   |                        |      |             |              | \$ 5,600.00   |
| CONSTRUCTION OBSERVATION AND INSPECTION   |          |      |             | \$ 10,560.00  |                        |      |             |              | \$ 21,120.00  |
| CONSTRUCTION TESTING (1.5%)               |          |      |             | \$ 1,940.00   |                        |      |             |              | \$ 4,200.00   |
| CONSTRUCTION ADMINISTRATION (2%)          |          |      |             | \$ 2,590.00   |                        |      |             |              | \$ 5,600.00   |
| GRAND TOTAL                               |          |      |             | \$ 147,065.00 |                        |      |             |              | \$ 316,252.50 |

## September 12, 2014

| September 12, 2014                        |      |          |      |            |       |                        |                                         |          |      |            |       |                       |            |            |            |    |            |
|-------------------------------------------|------|----------|------|------------|-------|------------------------|-----------------------------------------|----------|------|------------|-------|-----------------------|------------|------------|------------|----|------------|
| Item                                      |      | Quantity | Unit | Unit Price | Total | Item                   |                                         | Quantity | Unit | Unit Price | Total | Grand Total           |            |            |            |    |            |
| Wislon to Washington                      |      |          |      |            |       | Washington to Pluergue |                                         |          |      |            |       | Pluergue to Applewood |            |            |            |    |            |
| Audio Visual Record Prior to Construction | 1    | LS       | \$   | 500.00     | \$    | 500.00                 | 1                                       | LS       | \$   | 500.00     | \$    | 500.00                | \$         | 1,500.00   |            |    |            |
| Traffic Maintenance and Control           | 1    | LS       | \$   | 2,500.00   | \$    | 2,500.00               | 1                                       | LS       | \$   | 2,500.00   | \$    | 2,500.00              | \$         | 7,500.00   |            |    |            |
| Remove Pavement                           | 30   | SY       | \$   | 10.00      | \$    | 300.00                 | 30                                      | SY       | \$   | 10.00      | \$    | 300.00                | \$         | 900.00     |            |    |            |
| Remove Driveway Approach                  | 200  | SY       | \$   | 5.00       | \$    | 1,000.00               | 225                                     | SY       | \$   | 5.00       | \$    | 1,125.00              | \$         | 3,125.00   |            |    |            |
| Remove Sidewalk                           | 330  | SF       | \$   | 1.00       | \$    | 330.00                 | 337.5                                   | SF       | \$   | 1.00       | \$    | 337.50                | \$         | 10,075.00  |            |    |            |
| Tree Removal, 6-18 inch                   | 8    | EA       | \$   | 750.00     | \$    | 6,000.00               | 6                                       | EA       | \$   | 750.00     | \$    | 4,500.00              | \$         | 21,000.00  |            |    |            |
| Abandon Gate Valve in Well                | 1    | EA       | \$   | 350.00     | \$    | 350.00                 | 1                                       | EA       | \$   | 350.00     | \$    | 350.00                | \$         | 1,050.00   |            |    |            |
| Remove Fire Hydrant                       | 2    | EA       | \$   | 500.00     | \$    | 1,000.00               | 2                                       | EA       | \$   | 500.00     | \$    | 1,000.00              | \$         | 3,000.00   |            |    |            |
| 8" PVC, C909, PCJ35 Water Main            | 600  | LF       | \$   | 70.00      | \$    | 42,000.00              | 600                                     | LF       | \$   | 70.00      | \$    | 42,000.00             | \$         | 126,000.00 |            |    |            |
| 8" Gate Valve in Well                     | 1    | EA       | \$   | 3,000.00   | \$    | 3,000.00               | 1                                       | EA       | \$   | 3,000.00   | \$    | 3,000.00              | \$         | 9,000.00   |            |    |            |
| Fire Hydrant Assembly                     | 2    | EA       | \$   | 3,500.00   | \$    | 7,000.00               | 2                                       | EA       | \$   | 3,500.00   | \$    | 7,000.00              | \$         | 21,000.00  |            |    |            |
| 1" Short Side Water Service               | 14   | EA       | \$   | 750.00     | \$    | 10,500.00              | 15                                      | EA       | \$   | 750.00     | \$    | 11,250.00             | \$         | 32,250.00  |            |    |            |
| 1" Long Side Water Service                | 14   | EA       | \$   | 1,250.00   | \$    | 17,500.00              | 15                                      | EA       | \$   | 1,250.00   | \$    | 18,750.00             | \$         | 53,750.00  |            |    |            |
| Water Main Connection                     | 1    | EA       | \$   | 2,500.00   | \$    | 2,500.00               | 0                                       | EA       | \$   | 2,500.00   | \$    | 0.00                  | \$         | 5,000.00   |            |    |            |
| Abandon Existing Water Main               | 1    | LS       | \$   | 1,500.00   | \$    | 1,500.00               | 1                                       | LS       | \$   | 1,500.00   | \$    | 1,500.00              | \$         | 4,500.00   |            |    |            |
| Maintenance Aggregate                     | 250  | CY       | \$   | 10.00      | \$    | 2,500.00               | 250                                     | CY       | \$   | 10.00      | \$    | 2,500.00              | \$         | 7,500.00   |            |    |            |
| Subgrade Underdrain, 6 inch               | 600  | LF       | \$   | 7.00       | \$    | 4,200.00               | 600                                     | LF       | \$   | 7.00       | \$    | 4,200.00              | \$         | 12,600.00  |            |    |            |
| Aggregate Base, 6 inch                    | 50   | SY       | \$   | 5.00       | \$    | 250.00                 | 50                                      | SY       | \$   | 5.00       | \$    | 250.00                | \$         | 750.00     |            |    |            |
| Concrete Pavement, 7" with Integral Curb  | 30   | SY       | \$   | 42.00      | \$    | 1,260.00               | 30                                      | SY       | \$   | 42.00      | \$    | 1,260.00              | \$         | 3,780.00   |            |    |            |
| Driveway, Concrete 6 inch                 | 200  | SY       | \$   | 33.00      | \$    | 6,600.00               | 225                                     | SY       | \$   | 33.00      | \$    | 7,425.00              | \$         | 20,625.00  |            |    |            |
| Concrete sidewalk, 4 inch                 | 2150 | SF       | \$   | 2.80       | \$    | 6,020.00               | 2125                                    | SF       | \$   | 2.80       | \$    | 5,950.00              | \$         | 17,990.00  |            |    |            |
| Concrete sidewalk, 6 inch                 | 700  | SF       | \$   | 3.50       | \$    | 2,450.00               | 750                                     | SF       | \$   | 3.50       | \$    | 2,625.00              | \$         | 7,525.00   |            |    |            |
| Sidewalk Ramp with Detectable Warnings    | 500  | SF       | \$   | 8.50       | \$    | 4,250.00               | 500                                     | SF       | \$   | 8.50       | \$    | 4,250.00              | \$         | 12,750.00  |            |    |            |
| Restoration and Sprinkler Repairs         | 6    | STA      | \$   | 600.00     | \$    | 3,600.00               | 6                                       | STA      | \$   | 600.00     | \$    | 3,600.00              | \$         | 10,800.00  |            |    |            |
| CONSTRUCTION TOTAL                        |      |          |      |            | \$    | 330,130.00             | CONSTRUCTION TOTAL                      |          |      |            |       | \$                    | 129,210.00 | \$         | 393,970.00 |    |            |
| CONSTRUCTION STAGING (2%)                 |      |          |      |            | \$    | 2,600.00               | CONSTRUCTION STAGING (2%)               |          |      |            |       | \$                    | 2,580.00   | \$         | 2,690.00   | \$ | 31,680.00  |
| CONSTRUCTION OBSERVATION AND INSPECTION   |      |          |      |            | \$    | 10,560.00              | CONSTRUCTION OBSERVATION AND INSPECTION |          |      |            |       | \$                    | 10,560.00  | \$         | 2,020.00   | \$ | 5,910.00   |
| CONSTRUCTION TESTING (1.5%)               |      |          |      |            | \$    | 1,950.00               | CONSTRUCTION TESTING (1.5%)             |          |      |            |       | \$                    | 1,940.00   | \$         | 2,690.00   | \$ | 7,870.00   |
| CONSTRUCTION ADMINISTRATION (2%)          |      |          |      |            | \$    | 2,600.00               | CONSTRUCTION ADMINISTRATION (2%)        |          |      |            |       | \$                    | 2,580.00   | \$         | 7,870.00   | \$ | 447,300.00 |
| GRAND TOTAL                               |      |          |      |            | \$    | 147,840.00             | GRAND TOTAL                             |          |      |            |       | \$                    | 146,870.00 | \$         | 152,598.00 | \$ | 447,300.00 |

**CITY OF LINCOLN PARK  
COLLAPSED SEWER REPAIRS  
PRELIMINARY ESTIMATE**

June 14, 2013

Updated September 12, 2014

| Item                                                                    | Sub-Total            |
|-------------------------------------------------------------------------|----------------------|
| Alley between Wilson & Marion, South of O'Connor                        | \$ 14,600.00         |
| Alley between Washington & Grant, North of O'Connor                     | \$ 15,150.00         |
| Northbound Fort St. Alley at The North East Corner of Fort & Southfield | \$ 16,400.00         |
| Easement between Markese & Regina, East of Dix highway                  | \$ 14,840.00         |
| Alley between Austin & Ferris, South of O'Connor                        | \$ 14,230.00         |
| Alley between Electric & Chandler, South of O'Connor                    | \$ 8,450.00          |
| Easement between Wilson & Ethel, North of O'Connor                      | \$ 11,260.00         |
| Eastbound Southfield Rd. Alley between Applewood & Lejeune              | \$ 12,730.00         |
| <b>CONSTRUCTION TOTAL</b>                                               | <b>\$ 107,660.00</b> |

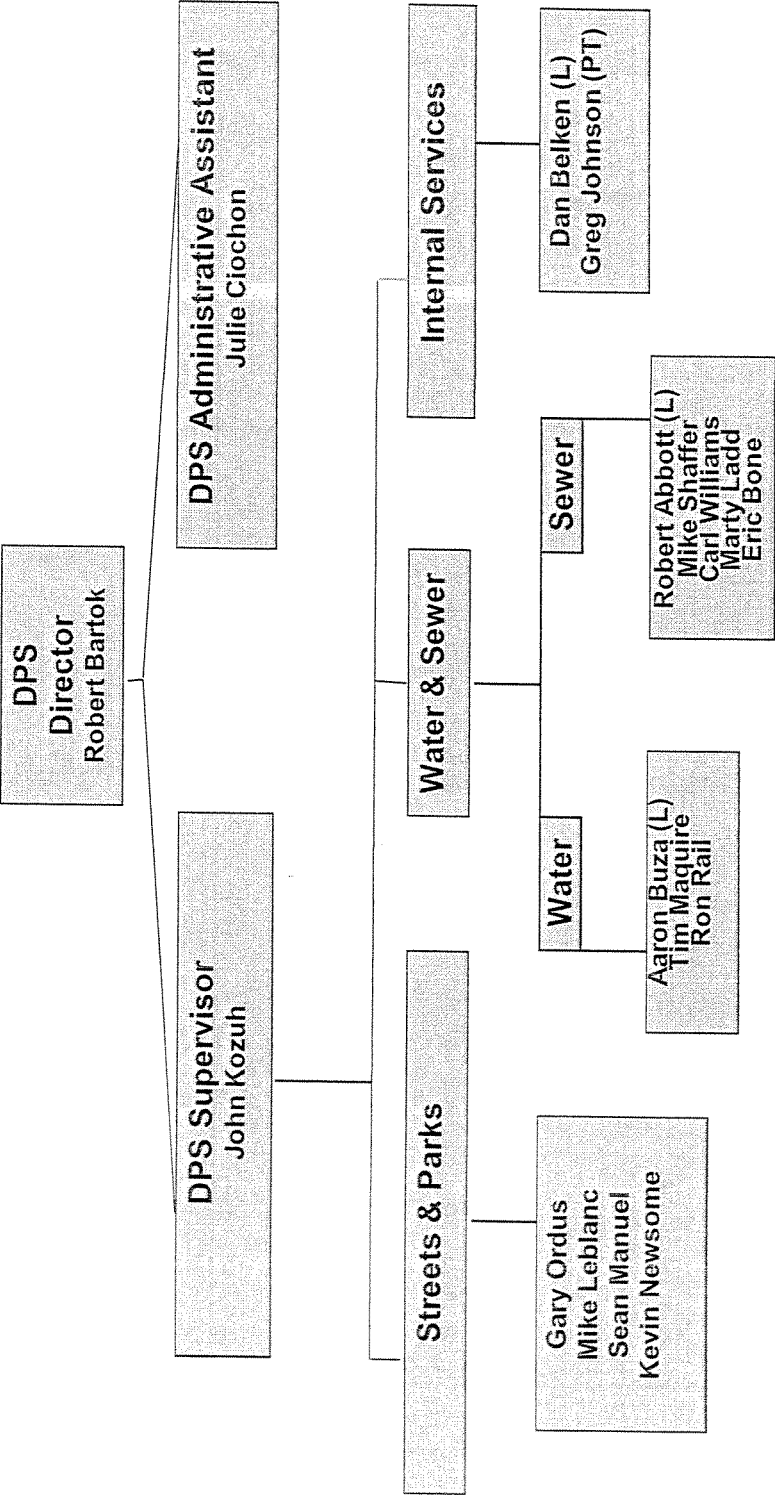
|                                                                |                      |
|----------------------------------------------------------------|----------------------|
| CONTINGENCY (10%)                                              | \$ 10,770.00         |
| ENGINEERING AND DESIGN (10%)                                   | \$ 10,770.00         |
| CONSTRUCTION OBSERVATION AND INSPECTION \$528.00/DAY @20 DAYS) | \$ 10,560.00         |
| CONSTRUCTION TESTING (1.5%)                                    | \$ 1,610.00          |
| CONSTRUCTION ADMINISTRATION (2%)                               | \$ 2,150.00          |
| <b>GRAND TOTAL</b>                                             | <b>\$ 143,520.00</b> |

Locations have not completed with concrete (Sep. 19/2014)

| No. | Location                                         | 8" Concrete | 6" Concrete | 4" Concrete | Ramp |
|-----|--------------------------------------------------|-------------|-------------|-------------|------|
| 1   | 654 MAYFLOWER CONCRETE APPROACH                  | 253         |             |             |      |
| 2   | 540 MAYFLOWER 8" CONCRETE                        | 84          |             |             |      |
| 3   | 1892 WINCHESTER 6X10 6" DRIVE APP 4 6" S/W FLAGS |             | 196         |             |      |
| 4   | 4181 BURNS S/W 3 FLAG 6" 2 FLAG 4" BILL H/O      |             |             | 100         |      |
| 5   | 1327 PROGRESS 3 4" FLAGS BILL H/O                |             |             | 75          |      |
| 6   | HARRISON AT GOHL 4" AND 8" CONCRETE              | 52          |             |             | 1    |
| 7   | 4059 LONGTIN 8" CONCRETE                         | 75          |             |             |      |
| 8   | LAFAYETTE AT KEPPEEN 8" CONCRETE                 | 112         |             |             |      |
| 9   | FORT PARK AT ROSE 8" CONCRETE SINKNHOLE          | 88          |             |             |      |
| 10  | 1164 FARNHAM 8" CONCRETE                         | 260         |             |             |      |
| 11  | 4017 HELEN 8" CONCRETE 10X10                     | 100         |             |             |      |
| 12  | 2220 CALVIN 4" CONCRETE                          |             |             |             |      |
| 13  | 1468 MILL 4" AND 6" CONCRETE                     |             | 38          | 62          |      |
| 14  | 1836 PARIS 6" AND 8" CONCRETE                    |             | 77          |             |      |
| 15  | 1078 PARK 8" CONCRETE                            | 400         |             |             |      |
| 16  | 2216 WHITE 4" AND 6" CONCRETE                    |             | 35          |             |      |
| 17  | 740 MILL 8" CONCRETE MB                          | 144         |             |             |      |
| 18  | 3819 FORT 4" CONCRETE W/S                        |             |             | 42          |      |
| 19  | 658 MAYFLOWER 8" CONCRETE M/B                    | 115         |             |             |      |
| 20  | 1802 PAGEL 8" & 4" CONCRETE                      | 120         |             |             | 1    |
| 21  | 1378 GODDARD REAR 8" CONCRETE                    | 102         |             |             |      |
| 22  | 1389 HANFORD 3 S/W FLAGS 4" W/S                  |             |             | 45          |      |
| 23  | 1365 PAGEL 4" CONCRETE W/S                       |             |             | 28          |      |
| 24  | 1539 BUCKINGHAM 6" CONCRETE                      |             | 100         |             |      |
| 25  | RIOPELLE AT OCEANA 8" CONCRETE SEWER REPAIR      | 80          |             |             |      |
| 26  | 1617 VICTORIA LANE 4" CONCRETE                   |             |             | 220         |      |
| 27  | 1816 REGINA 6" DRIVE APP M/B                     |             | 70          |             |      |
| 28  | 1736 FORT 4" CONCRETE                            |             |             | 20          |      |
| 29  | 1387 HANFORD 4" CONCRETE                         |             |             | 15          |      |
| 30  | 1378 RUSSELL 4" CONCRETE                         |             |             | 60          |      |
| 31  | 1482 UNIVERSITY 4" CONCRETE                      |             |             | 15          |      |
| 32  | 1711 FORT ST 4" CONCRETE                         |             |             | 20          |      |
| 33  | 1310 WILSON REPLACE WALKS SERVICE REPAIR         | 45          |             |             |      |
| 34  | 1339 LBERTY NEEDS 8" CONCRETE M/B                | 143         |             |             |      |
| 35  | 1570 MILL NEEDS 8" CONCRETE M/B                  | 161         |             |             |      |
| 36  | 1126 MILL                                        |             |             | 110         |      |
| 37  | 1390 HAHFORD                                     |             |             | 50          |      |

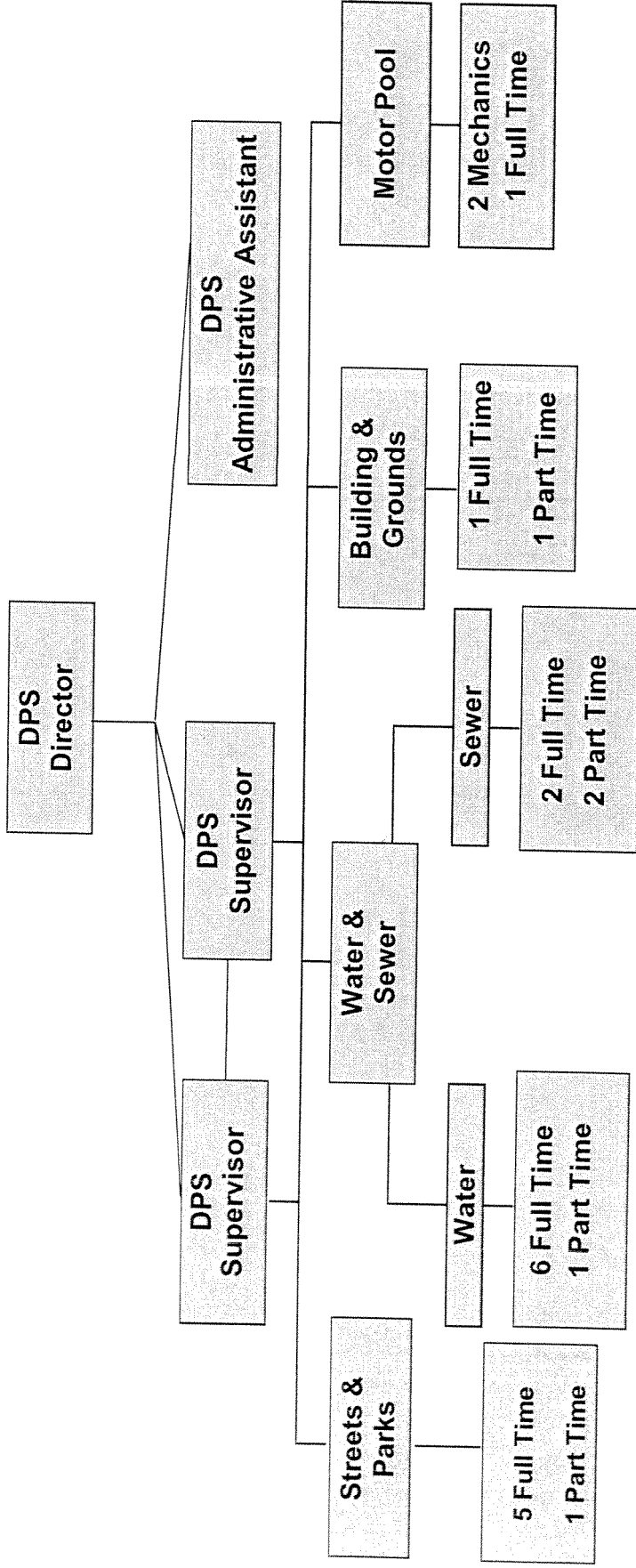
|                      |             |      |      |      |
|----------------------|-------------|------|------|------|
| TOTAL AREA (Seq. ft) | 2334        | 516  | 862  | 2    |
| UNIT PRICE (\$)      | 5.75        | 5.5  | 5    | 1000 |
|                      |             |      |      |      |
| LINE TOTAL (\$)      | 13420.5     | 2838 | 4310 | 2000 |
|                      |             |      |      |      |
| TOTAL AMOUNT (\$)    | \$22,569.00 |      |      |      |

Current Structure

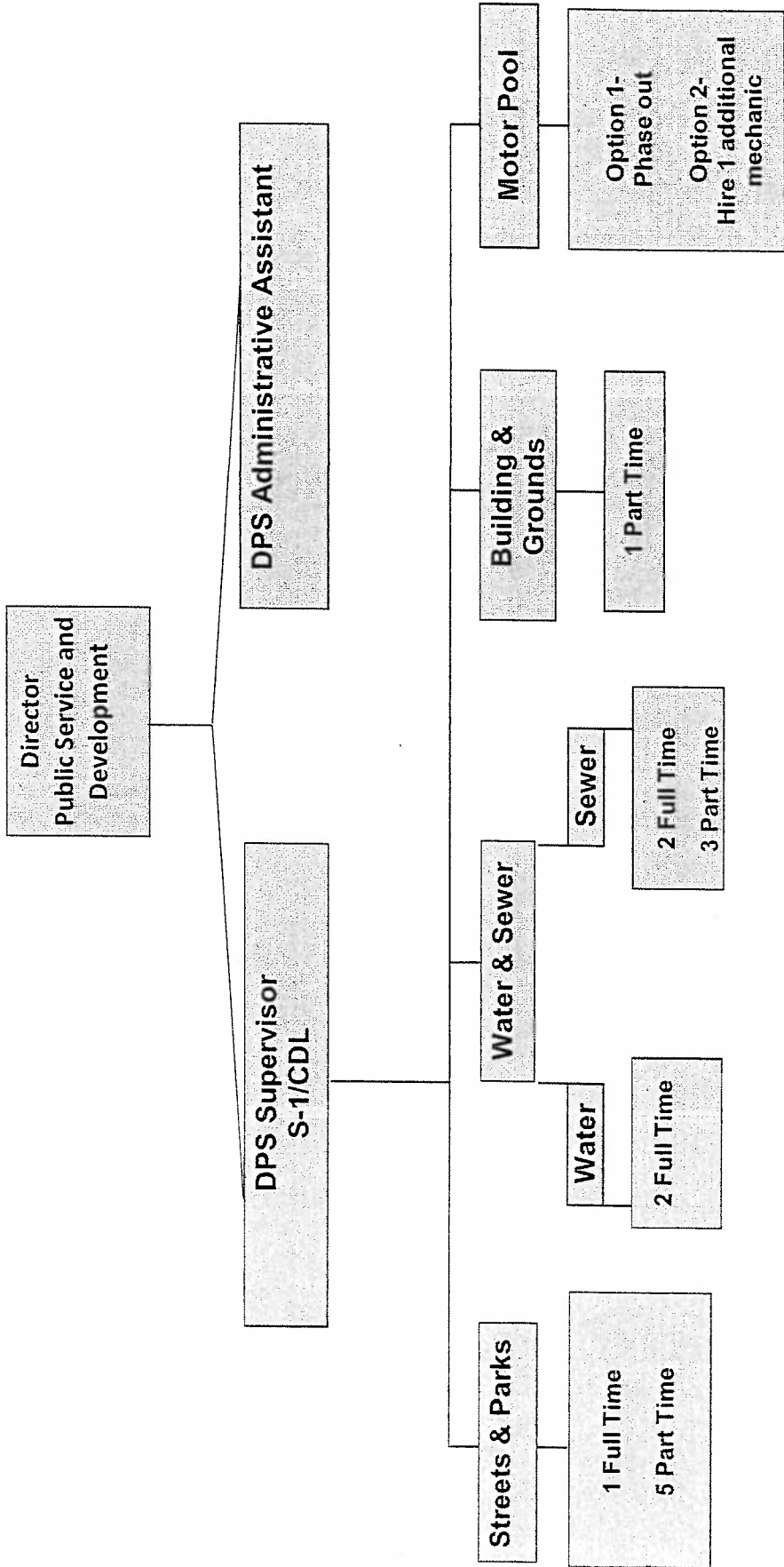




# Proposed Rebuilding of Public Service Department



Proposed Structure for Contracting Out Public Service Department



**Job Description**  
**Director**  
**Department of Public Services**

**GENERAL STATEMENT OF DUTIES:** To be responsible for supervising, coordinating and assigning work for streets, maintenance, buildings, public works; serves as project manager and contract administrator for City infrastructure projects; and prepares cost estimates and time schedules.

**SUPERVISION RECEIVED:** This is an appointed position. Work is performed under the general supervision of the Mayor, Council and/or City Manager.

**SUPERVISION EXERCISED:** Supervision is exercised over subordinate employees assigned to the department.

**TYPICAL EXAMPLES OF WORK:** (Illustrative Only)

- Assign, supervise and coordinate the personnel and work activities involving maintenance and repair of streets, maintenance and repair of City buildings and properties, maintenance and repairs of sidewalks, curbs, parking lots, traffic signs and markings, and other public works structures.
- Stores, dispenses and accounts for inventory of departmental supplies and equipment.
- Inspects the physical condition of the equipment and services and reports any need for maintenance or replacement.
- Prepares written records and reports as required.
- Responsible for employee time sheets and workers comp incident reports.

**REQUIRED SKILLS, KNOWLEDGES AND ABILITIES:**

- Considerable knowledge of methods, materials and equipment used in street maintenance and repair.
- Considerable knowledge of general construction practices and procedures and ability to interpret plans and specifications
- Ability to direct employees to accomplish tasks
- Ability to establish and maintain satisfactory working relationships with the public and employees
- Ability to understand and follow oral and written instructions.
- High School Diploma or GED
- Bachelor's Degree in Public Administration, Business and five to seven years of supervisory experience in public works or related field, or ten years senior management experience in Public Works
- Any other licenses and/or certifications as required

**SPECIFICATIONS:**

1. Minimum reasoning ability usually associated with this classification:

Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagrammatic form; to deal with problems involving several concrete variables in or from standardized situations.

2. Minimum Math ability usually associated with this classification:

Ability to add, subtract, multiply and divide all units of measure; to perform the four operations with like or common decimal fractions.

3. Minimum Language ability usually associated with this classification:

**READ:** Ability to read a variety of novels, and magazines; to read safety rules, instructions in the use and maintenance of shop tools and equipment, and methods and procedures.

**WRITE:** Ability to write reports and essays with proper format, punctuation, spelling, and grammar, using all parts of speech.

**SPEAK:** Ability to speak before individuals with poise, voice control, and confidence, using correct English and well modulated voice.

4. Amount of training, either on the job or formal education, usually associated with this occupation in addition to the Reasoning, Math and Language abilities detailed above:

Over 6 years

5. Degree of physical demands (Strength) usually associated with this classification:

**Light Work:** Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. Physical demand requirements are in excess of those for Sedentary Work. Light Work usually requires walking or standing to a significant degree. However, if the use of arm and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.

6. Type of Physical Demands usually associated with this classification:

**City of Lincoln Park**  
**Job Description: Director**  
**Page Three**

**REACHING:** Extending hand(s) and arm(s) in any direction.

**HANDLING:** Seizing, holding, grasping, turning, or otherwise working with hands. Fingers are involved only to the extent that they are an extension of the hand.

**FINGERING:** Picking, pinching or otherwise working primarily with fingers rather than with the whole hand or arm as in handling.

**NEAR ACUITY:** Clarity of vision at 20 inches or less. This factor is important when special and minute accuracy is demanded and defective near acuity would adversely affect job performance and/or safety or self and others.

**FAR ACUITY:** Clarity of vision at 20 feet or more. This factor is important when visual efficiency in terms of far acuity is required and when defective far acuity would adversely affect job performance and/or safety or self and others.

**DEPTH PERCEPTION:** Three-dimensional vision. Ability to judge distances and spatial relationships so as to see objects where and as they actually are. This factor is important when depth perception is required for successful job performance and/or for reasons of safety to oneself and others.

**FIELD OF VISION:** Observing an area that can be seen up and down or to right or left while eyes are fixed in a given point. This factor is important when job performance requires seeing a large area while keeping the eyes fixed.

7. Environmental Conditions (Physical Surroundings) usually associated with this classification:

The Worker is Subject to Both Environmental Conditions: Activities occur inside and outside in approximately equal amounts.

8. Environmental Conditions (Hazards) usually associated with this classification:

Proximity to moving, mechanical parts, traffic; exposure to electrical shock.

9. Machines, Tools, Equipment and Work Aids, which may be representative but not all inclusive, of those commonly, associated with this type of work:

Computers, Telephones, Radios, Pencils, Pens, Blueprints, Charts, Handbooks, Local Ordinances, Specifications, Manuals, Patterns, Rules, Templates, Cars, Pickups, etc.

## **PUBLIC SERVICE DIVISIONAL SUPERVISOR**

**GENERAL STATEMENT OF DUTIES:** To be responsible for one or more of the following duties, supervising, coordinating and assigning work for street, drain and sewer construction, maintenance, repair and cleaning operations, refuse collection; maintenance and repair operations of a municipal water system; maintain, repair, and service the variety of automotive and other power driven equipment in the city's motor pool; to design and construct special equipment which may be used by the city and to perform related work as required.

This position will perform administrative, planning, organizing, directing, and supervision duties for the Department of Public Services, including water infrastructure, sanitary and storm water sewer systems, streets, buildings, grounds, and other associated public works projects and programs. Candidates must have experience coordinating projects with consultants, dealing with the public in a positive manner, and providing information to City Administration and elected officials.

**SUPERVISION RECEIVED:** Work is performed under the general supervision of the Director of Public Services or his or her designee.

**SUPERVISION EXERCISED:** Supervision is exercised over subordinate employees assigned to the Department of Public Services.

**TYPICAL EXAMPLES OF WORK:** An employee in the class may be called upon to do any or all of the following (These examples DO NOT include ALL of the tasks which the employee may be expected to perform):

Assign, supervise and coordinate the personnel and work activities involved in street and sewer construction, maintenance, repair and cleaning operations.

Oversee work of employees engaged in sanitation collection and other public work activities.

Supervises the maintenance and repair of streets and roads.

Supervises the cleaning, repairing and construction of storm and sanitary sewers.

Supervises the maintenance and repair of sidewalks, curbs and other public works structures.  
Supervises the maintenance and repair of parking lots, parking meters, traffic signs and markings.

Oversees the storing, dispensing and inventory control of departmental supplies.

Inspects the physical condition of the equipment and services under direction and reports to the Superintendent any need for maintenance or replacement required.

In the absence of the Superintendent, carries on his/her duties as required.

Supervises the maintenance and repair of City buildings.

Prepares written records and reports as required.

Receives and answers citizens complaints.

Assign work and evaluate performance of employees.

Perform related work as required.

**MINIMUM REQUIREMENTS, SKILLS, KNOWLEDGE:**

High School Diploma or G.E.D.

Legally employable in the United States

18 years of age or older

Valid State of Michigan Commercial Drivers License, Group A Endorsement

State of Michigan Water Distribution License S-4

Ability to pass written examination, physical agility and skills test, physical with drug screen and fingerprint/criminal history/driving record check

Several years of progressively responsible experience supervising and performing public works maintenance, construction and repair work.

Considerable knowledge of methods, materials and equipment used in street and sewer construction, maintenance, repair and related work.

Reasonable knowledge of general construction practices and procedures and ability to interpret plans and specifications.

Ability to prepare and maintain accurate records and reports.

Ability to coordinate and supervise the work activities of several crews.

Ability to establish and maintain satisfactory working relationships with the public and other employees.

*Anyone scoring less than a 70 on the Public Service Divisional Supervisor exam will not be considered for the position.*

**\*\*Employees in this classification will be compensated for all overtime in excess of two hours in duration, back to the original starting time. All overtime less than two hours in duration is covered under the on-call bonus established in the collective bargaining agreement and will not be considered as overtime pay.**

In the event that the on-call supervisor receives a call from any automated alarm system, they will be compensated under the on-call bonus. In the event that the on-call supervisor receives multiple calls in significant rain events, overtime pay will be paid in accordance with the collective bargaining agreement.

### **SPECIFICATIONS:**

1. Minimum Reasoning ability usually associated with this classification:

Ability to apply principles of logical or scientific thinking to define problems, collect data, establish facts, and draw valid conclusions; to interpret an extensive variety of technical instructions in mathematical or diagrammatic form. Deal with several abstract and concrete variables.

2. Minimum Math ability usually associated with this classification:

Using Algebra: Ability to work with exponents and logarithms, linear equations, quadratic equations, mathematical induction and binomial theorem, and permutations.

Using Calculus: Ability to apply concepts of analytic geometry, differentiation and integration of algebraic functions with applications.

Using Statistics: Ability to apply mathematical operations to frequency distributions, reliability and validity of tests, normal curve, analysis of variance, correlation techniques, chi-square application and sampling theory, and factor analysis.

3. Minimum Language ability usually associated with this classification:

Read: Ability to read literature, book and play reviews, scientific and technical journals, abstracts, financial reports, and legal documents.

Write: Ability to write novels, plays, editorials, journals, speeches, manuals, critiques, poetry, and songs.

Speak: Ability to be conversant in the theory, principles, and methods of effective and persuasive speaking, voice and diction, phonetics, and discussion and debate.

4. Amount of training, either on-the-job or formal education, usually associated with this occupation in addition to the Reasoning, Math and Language abilities detailed above:

Several years of progressively responsible experience.

5. Degree of Physical Demands (Strength) usually associated with this classification:



Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. Physical demand requirements are in excess of those for Sedentary Work.

Light Work usually requires walking or standing to a significant degree. However, if the use of arm and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.

6. Type of Physical Demands usually associated with this classification:

Reaching, Handling, Fingering, and/or Feeling: (Reaching - Extending the hand(s) and arm(s) in any direction). (Handling - Seizing, holding, grasping, turning, or otherwise working with hand or hands (fingering not involved)). (Fingering - Picking, pinching, or otherwise working with fingers primarily (rather than with whole hand or arm as in handling)). (Feeling - Perceiving attributes of objects such as size, shape, temperature, or texture by means of receptors in skin, particularly those of finger tips).

Seeing: The ability to perceive the nature of objects by the eye. The important aspects of vision are:

- a. Acuity, far - Clarity of vision at 20 feet or more.
- b. Acuity, near - Clarity of vision at 20 inches or less.
- c. Depth Perception - Three-dimensional vision. Ability to judge distance and space relationships so as to see objects where and as they actually are.
- d. Field of Vision - Area that can be seen up and down or to right or left while eyes are fixed on a given point.
- e. Accommodation - Adjustment of lens of eye to bring an object into sharp focus. This item is especially important when doing near-point work at varying distances from eye.
- f. Color Vision - Ability to identify and distinguish colors.

7. Environmental Conditions (Physical Surroundings) usually associated with this classification:

The Worker is Subject to Both Environmental Conditions: Activities occur inside and outside in approximately equal amounts.

8. Environmental Conditions (Hazards) usually associated with this classification:  
No environmental hazards indicated for this classification.

9. Machines, Tools, Equipment, and Work Aids which may be representative but not all inclusive, of those commonly associated with this type of work.  
Computers, Telephones, Radios, Pencils, Pens, Blueprints, Charts, Handbooks, Local Ordinances, Specifications, Manuals, Patterns, Rules, Templates, Cars, Pickups, etc Power Saws, Chisels, Portable Power Tools, Soldering Iron, Spray Gun, Staple Gun, Wrench Sets, Air Compressor, Clamps, Clips, Fixtures, Manuals, Patterns, Rules, Templates, Stumper, Chipper, Dump Trucks, Lawnmower, Tractor, Car, Pickup, Weed Trimmer, Chain Saw, Tree Pruners, Woodworking Tools, Spray Tanks, Snow Removal Equipment, Salt Spreader, etc.

## **CITY OF LINCOLN PARK PUBLIC SERVICE GROUP LEADER**

### **SUMMARY OF FUNCTION:**

Employees in this classification must have substantial experience in the operations of municipal public works duties. They will be required to serve as the leader of any team, group or division of the Department of Public Services and provide direction to those persons in the position of Public Service Worker. Employees in this position may be assigned to any division of the DPS.

### **SUPERVISION RECEIVED:**

Work is performed under the immediate supervision of the Department of Public Works/Utilities and Support Services Superintendent.

### **ESSENTIAL JOB FUNCTIONS:**

- Operation of a variety of power tools, including mowers, blowers, chainsaws, chippers, trimmers, etc.
- Operation of large commercial equipment, including dump trucks, graders, backhoes and loaders
- Performs ice and snow control activities
- Performs tree pruning and tree removal, including operating chipper
- Lawn and landscape maintenance including cutting and edging grass, laying sod, raking leaves, planting, watering and care for trees, shrubs and flowers
- Maintains parks and playground facilities
- Performs a variety of construction and repair tasks as part of work crew.
- Participates in the clean up of work projects, filling ditches and removing any extra dirt and materials
- Repair and maintain streets and sidewalks, including concrete and asphalt removal and replacement, street signs and markings
- Installation, maintenance and repair of underground sewers, lift stations and their appurtenances
- Repair and maintenance of pump stations, water meters, hydrants and curb stop boxes
- Maintains accurate work records, time sheets and other forms of data

### **SUPPLEMENTAL JOB FUNCTIONS**

- Serve as a Public Service Worker Group Leader, providing leadership and direction to those in Public Service Worker position
- Coordinate personnel and work activities involved in street and sewer construction, maintenance, repair and cleaning operations.
- Prepares written records and reports as required.

**City of Lincoln Park**

**Job Description: Public Service Worker Group Leader**

**Page Two**

The statements listed above are intended to describe the general nature and level of work being performed by people assigned this classification. They are not to be construed as an exhaustive list of all job duties performed by personnel so classified.

**MINIMUM REQUIREMENTS:**

- U. S. Citizen or legally employable to work in the U.S.
- Minimum 18 years of age at application date
- High School Graduate or G.E.D.
- State of Michigan Commercial Drivers License, Group A Endorsement
- Must pass written examination, post offer physical and drug screen.

**SPECIFICATIONS: KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED:**

- Ability to understand and follow both written and oral instructions
- Considerable knowledge of methods, materials, and equipment used in street and sewer construction, maintenance, repair and related work
- Reasonable knowledge of the use, maintenance and repair of automotive and power drive equipment used in a public works program
- Ability to lift and carry a minimum of 90 pound loads
- Ability to work outdoors in extreme temperatures
- Ability to tolerate exposure to dust, grease, fuel, chemicals and lubricants
- Ability to stoop, bend, climb trees, go into underground vaults and pits with restricted movement
- Ability to perform manual labor for extended periods of time
- Knowledge of use of equipment and tools used in Public Works practices
- May be required to train and become proficient in small engine and power tool repair and maintenance
- May be required to obtain a Michigan license for pesticide application

1. Minimum reasoning ability usually associated with this classification:

Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagrammatic form; to deal with problems involving several concrete variables in or from standardized situations.

2. Minimum Math ability usually associated with this classification:

Ability to add, subtract, multiply and divide all units of measure; to perform the four operations with like or common decimal fractions.

**City of Lincoln Park**

**Job Description: Public Service Worker Group Leader**

**Page Three**

3. Minimum Language ability usually associated with this classification:

READ: Ability to read a variety of novels, and magazines; to read safety rules, instructions in the use and maintenance of shop tools and equipment, and methods and procedures.

WRITE: Ability to write reports and essays with proper format, punctuation, spelling, and grammar, using all parts of speech.

SPEAK: Ability to speak before individuals with poise, voice control, and confidence, using correct English and well modulated voice.

4. Six months of training, either on the job or formal education, usually associated with this occupation in addition to the Reasoning, Math and Language abilities detailed above.

5. Degree of physical demands (Strength) usually associated with this classification:

Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

6. Type of Physical Demands usually associated with this classification:

REACHING: Extending hand(s) and arm(s) in any direction.

HANDLING: Seizing, holding, grasping, turning, or otherwise working with hands. Fingers are involved only to the extent that they are an extension of the hand.

FINGERING: Picking, pinching or otherwise working primarily with fingers rather than with the whole hand or arm as in handling.

NEAR ACUITY: Clarity of vision at 20 inches or less. This factor is important when special and minute accuracy is demanded and defective near acuity would adversely affect job performance and/or safety or self and others.

FAR ACUITY: Clarity of vision at 20 feet or more. This factor is important when visual efficiency in terms of far acuity is required and when defective far acuity would adversely affect job performance and/or safety or self and others.

DEPTH PERCEPTION: Three dimensional vision. Ability to judge distances and spatial relationships so as to see objects where and as they actually are. This factor is important when depth perception is required for successful job performance and/or for reasons of safety to oneself and others.

FIELD OF VISION: Observing an area that can be seen up and down or to right or left while eyes are fixed in a given point. This factor is important when job performance requires seeing a large area while keeping the eyes fixed.

**City of Lincoln Park**

**Job Description: Public Service Worker Group Leader**

**Page Four**

7. Environmental Conditions (Physical Surroundings) usually associated with this classification:

EXPOSURE TO WEATHER: Exposure to hot, cold, wet, humid, or windy conditions, caused by the weather. This factor is important when exposure to weather results in marked bodily discomfort.

8. Environmental Conditions (Hazards) usually associated with this classification:

Proximity to moving, mechanical parts, traffic.

Exposure to electrical shock.

9. Machines, Tools, Equipment and Work Aids which may be representative but not all inclusive, of those commonly associated with this type of work:

Power Saws, Chisels, Portable Power Tools, Soldering Iron, Spray Gun, Staple Gun, Wrench Sets, Air Compressor, Clamps, Clips, Fixtures, Manuals, Patterns, Rules, Templates, Stumper, Chipper, Dump Trucks, Lawnmower, Tractor, Car, Pickup, Weed Trimmer, Chain Saw, Tree Pruners, Woodworking Tools, Spray Tanks, Snow Removal Equipment, Salt Spreader, etc.

February 14, 2005

# **CITY OF LINCOLN PARK**

## **PUBLIC SERVICE WORKER**

**GENERAL STATEMENT OF DUTIES:** Performs any combination of the following duties, such as, but not limited to, functions of motor pool, water and sewer, parks and forestry, street maintenance and repair.

**SUPERVISION RECEIVED:** Work is performed under the immediate supervision of a Department of Public Services assigned Supervisor(s), but may also receive direction from a Public Service Worker Group Leader.

### **ESSENTIAL JOB FUNCTIONS:**

- Operation of a variety of power tools, including mowers, blowers, chainsaws, chippers, trimmers, etc.
- Operation of large commercial equipment, including dump trucks, graders, backhoes and loaders
- Performs ice and snow control activities
- Performs tree pruning and tree removal, including operating chipper
- Lawn and landscape maintenance including cutting and edging grass, laying sod, raking leaves, planting, weeding, watering and care for trees, shrubs and flowers
- Maintains parks and playground facilities
- Performs a variety of construction and repair tasks as part of work crew.
- Participates in the clean up of work projects, filling ditches and removing any extra dirt and materials
- Repair and maintain streets and sidewalks, including concrete and asphalt removal and replacement, street signs and markings
- Installation, maintenance and repair of underground sewers, lift stations and their appurtenances
- Repair and maintenance of pump stations, water meters, hydrants and curb stop boxes
- Perform meter reader duties
- Maintains accurate work records, time sheets and other forms of data

### **SUPPLEMENTAL JOB FUNCTIONS**

- Serve as a Public Service Worker Group Leader, providing leadership and direction to those in Public Service Worker position (when assigned by Supervision.)

The above statements are intended to describe the general nature and level of work being performed by people assigned this classification. They are not to be construed as an exhaustive list of all job duties performed by personnel so classified.

**MINIMUM REQUIREMENTS:**

- High School Graduate or G.E.D.
- Legally employable in the United States
- 18 years of age or older
- Valid State of Michigan Commercial Drivers License, Group A Endorsement
- Ability to pass written examination, physical agility and skills test, physical with drug screen and fingerprint/criminal history/driving record check

**SPECIFICATIONS: KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED:**

- Ability to understand and follow both written and oral instructions
- Ability to lift and carry a minimum of 90 pound loads
- Ability to work outdoors in extreme temperatures
- Ability to tolerate exposure to dust, grease, fuel, chemicals and lubricants
- Ability to stoop, bend, climb trees, go into underground vaults and pits with restricted movement
- Ability to perform manual labor for extended periods of time
- Knowledge of use of equipment and tools used in Public Works practices
- May be required to train and become proficient in small engine and power tool repair and maintenance
- May be required to obtain a Michigan license for pesticide application

1. Minimum reasoning ability usually associated with this classification:

Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagrammatic form; to deal with problems involving several concrete variables in or from standardized situations.

2. Minimum Math ability usually associated with this classification:

Ability to add, subtract, multiply and divide all units of measure; to perform the four operations with like or common decimal fractions.

3. Minimum Language ability usually associated with this classification:

READ: Ability to read a variety of novels, and magazines; to read safety rules, instructions in the use and maintenance of shop tools and equipment, and methods and procedures.

WRITE: Ability to write reports and essays with proper format, punctuation, spelling, and grammar, using all parts of speech.

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**SPEAK:** Ability to speak before individuals with poise, voice control, and confidence, using correct English and well modulated voice.

4. Six months of training, either on the job or formal education, usually associated with this occupation in addition to the Reasoning, Math and Language abilities detailed above.

5. Degree of physical demands (Strength) usually associated with this classification:

**Heavy Work:** Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

6. Type of Physical Demands usually associated with this classification:

**REACHING:** Extending hand(s) and arm(s) in any direction.

**HANDLING:** Seizing, holding, grasping, turning, or otherwise working with hands. Fingers are involved only to the extent that they are an extension of the hand.

**FINGERING:** Picking, pinching or otherwise working primarily with fingers rather than with the whole hand or arm as in handling.

**NEAR ACUITY:** Clarity of vision at 20 inches or less. This factor is important when special and minute accuracy is demanded and defective near acuity would adversely affect job performance and/or safety or self and others.

**FAR ACUITY:** Clarity of vision at 20 feet or more. This factor is important when visual efficiency in terms of far acuity is required and when defective far acuity would adversely affect job performance and/or safety or self and others.

**DEPTH PERCEPTION:** Three dimensional vision. Ability to judge distances and spatial relationships so as to see objects where and as they actually are. This factor is important when depth perception is required for successful job performance and/or for reasons of safety to oneself and others.

**FIELD OF VISION:** Observing an area that can be seen up and down or to right or left while eyes are fixed in a given point. This factor is important when job performance requires seeing a large area while keeping the eyes fixed.



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7. Environmental Conditions (Physical Surroundings) usually associated with this classification:

EXPOSURE TO WEATHER: Exposure to hot, cold, wet, humid, or windy conditions, caused by the weather. This factor is important when exposure to weather results in marked bodily discomfort.

8. Environmental Conditions (Hazards) usually associated with this classification:

Proximity to moving, mechanical parts, traffic.

Exposure to electrical shock.

9. Machines, Tools, Equipment and Work Aids which may be representative but not all inclusive, of those commonly associated with this type of work:

Power Saws, Chisels, Portable Power Tools, Soldering Iron, Spray Gun, Staple Gun, Wrench Sets, Air Compressor, Clamps, Clips, Fixtures, Manuals, Patterns, Rules, Templates, Stumper, Chipper, Dump Trucks, Lawnmower, Tractor, Car, Pickup, Weed Trimmer, Chain Saw, Tree Pruners, Woodworking Tools, Spray Tanks, Snow Removal Equipment, Salt Spreader, etc.

June 18, 2009