

PUBLIC NOTICE

PUBLIC SERVICES COMMITTEE MEETING

Committee Members: Kim Chamberland, Amy Vilardo and Ted Haskins

Thursday, September 10, 2020 at 9:00 A.M.

City Council Chambers

745 Center Street, Milford, Ohio 45150

AGENDA

Call to Order

Proceedings: Approval of the August 13, 2020 Public Services Committee Minutes

Agenda Items:

- OPWC Grant Applications
- Sludge Application with Smith Farms
- Roof replacement at the Cemetery and Jonas Memorial Park
- And all additional matters that may properly come before the committee

Adjourn

Public Services Committee Meeting Minutes

August 13, 2020

Called to Order: 12:30pm by Kim Chamberland

***Present:** Kim Chamberland, Amy Vilardo, Ted Haskins*

***Staff:** City Manager, Michael Doss, Finance Director, Pat Wirthlin, Milford Police Chief Jamey Mills, MCFD Captain Thiele and Administrative Assistant, Jackie Bain*

***Visitors:** Kleingers- Tim Casto and Sarah Combs*

***Approval of Proceedings:** The committee approved the proceedings from the July 16, 2020 Public Services Committee meeting. Ms. Vilardo made a motion to approve. Seconded by Ms. Chamberland Mr. Haskins abstained*

Geotech Quotes for Tyler Avenue and Laurel Avenue Stormwater Improvement Projects

Mr. Doss Discussed that both Laurel and Tyler Ave have had stormwater drainage issues for quite some time. There is substantial flooding in that area which causes safety issues. Our OPWC grant applications are due October 5th. Kleingers is working on a feasibility study for both Tyler and Laurel Avenues to determine costs for the projects. Part of the project and to be included in the feasibility study is that there has to be geo-technic work performed to check out the validity of storm flows, type of dirt, as they work their way into creating a design application for the OPWC project. There was discussion regarding several options to help with the Tyler Avenue flooding.

Kleingers does not do Geotech work. The committee reviewed 3 quotes for Tyler and Laurel from CSI, Geo Technology, and S&ME. After reviewing the quotes that were presented the committee yielded to Mr. Doss's And Tim Casto's from Kleingers recommendation That S&ME is who we should have do the Geo tech work. This company has worked with Kleingers in the past. Kleingers will be doing the feasibility study and assisting us with the applications.

Mr. Tim Casto from Kleingers reviewed materials for Tyler and Laurel. Tim discussed the scope of the project and gave ideas that he has in preparation for the application for the OPWC for both locations.

The committee agreed to make a recommendation to have the Law Director draft an ordinance for S&ME Geo-Tech Services for the Tyler Avenue and Laurel Avenue Stormwater Improvement Projects in the amount of \$11,400

Discussion: Brooklyn Avenue Partial-One Way

Mr. Doss informed the committee of a discussion between Mr. Casto from Kleingers, Mr. Doss and Public Works Department Supervisors regarding projects and the availability of funding as

they look forward to 2021. There was discussion regarding if there was a partial one-way on Brooklyn Avenue. Mr. Tim Casto presented exhibits on Brooklyn Avenue to the committee. There was a discussion of two different options: to add a sidewalk with Brooklyn Avenue being a one-way street and Brooklyn Avenue, East of Oakbrook it becomes two-way. There are right of way costs estimated, unknown, to put sidewalk on northside, outside the roadway, the project would cost approximately \$ 1.5 million for the project. There would be right of way and some retaining wall that would need to be constructed as part of the project. If the sidewalk were to be built on the roadway, and not require the right of way, and not have the extensive walls, the cost would be around \$850,000. Both options include about \$400,000 of water main work. Both options would also include pavement work. There will be a substantial impact through the properties on Brooklyn and Miami Avenue.

Mr. Doss asked if this was a valid OPWC project and would it score well? Mr. Casto said that he thinks either application would score well. There is a safety aspect with this road since many residents walk or bike on this road. From a Public Safety standpoint, Mr. Doss invited Police Chief, Jamey Mills and Captain Thiele from the Milford Community Fire Department to attend this meeting. Captain Nick Thiele spoke to the committee about some considerations from the Fire Department perspective. One consideration is that the Fire Department truck, in order to get from Brooklyn to SR 28 must turn into opposing traffic. They have taught their department to drive down to Miami Avenue when on Brooklyn so as not to have to cross traffic on SR 28. Another consideration is that when going into the apartment complexes on Brooklyn, they will frequently go up Brooklyn from Miami Avenue because they cannot make a turn onto Brooklyn from SR 28 if there is traffic already at the stop sign. It is easier for the department to use the lower part of Brooklyn especially during emergency runs during rush hour. They will also bring trucks in from different directions so that they can use different hydrants located on Brooklyn. There is no preference at this time on which way to use Brooklyn but for discussion purposes Captain Thiele wanted the committee to be aware of how they utilize the road in both directions on a regular basis. Captain Thiele would like to take the information from this discussion back to Chief Baird and the Fire Inspector. Chief Mills commented that the Police Department does not have any major concerns and only sees a minor concern which would be a short-term temporary issue with learning curve of a new traffic direction on the road. There is a pedestrian safety issue on this road and is surprised there has not been more accidents there. The committee had a lengthy discussion regarding options for the properties along this road, the topography along this road and how this will affect the public in the surrounding area. The committee felt that the next step should be to have more internal discussions and gather more information and take all into consideration.

There being no additional business Ms. Chamberland made a motion to adjourn the meeting at 5:47pm Seconded by Ms. Vilardo All yes

Respectfully Submitted, Jackie Bain

"These minutes have been approved and adopted by Ms. Chamberland, August 18, 2020 Ms. Vilardo August 18, 2020 and Mr. Haskins August 18, 2020."

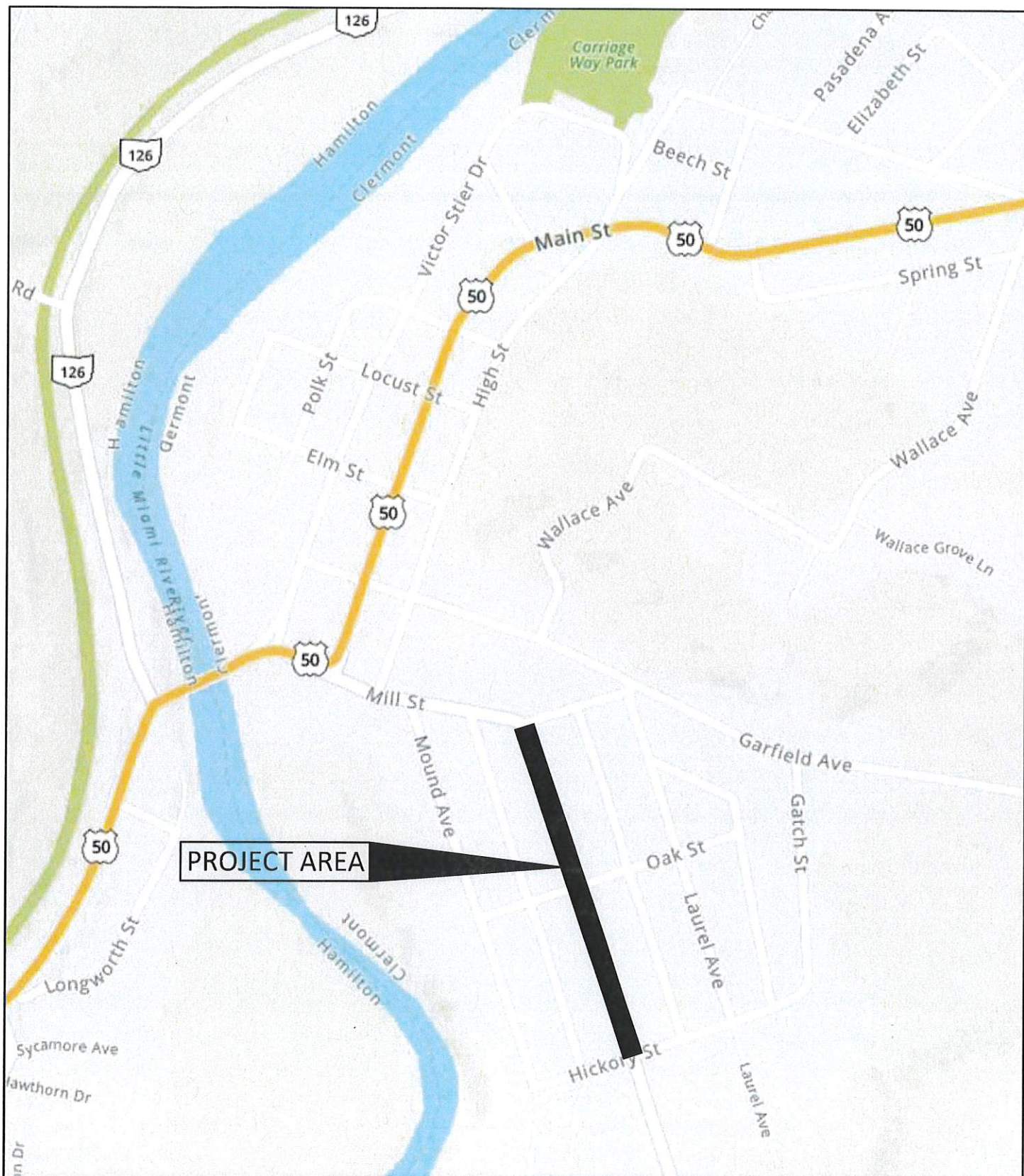


CLEVELAND AVENUE ROADWAY IMPROVEMENTS

PROJECT DESCRIPTION

This project includes improvements on Cleveland Avenue from Mill Street to Hickory Street in Milford, Ohio. The project involves resurfacing approximately 1,400 feet of roadway, with the existing roadway section being approximately 30' wide.

Proposed improvements include; milling and resurfacing the existing roadway and curb ramp replacement as necessary.



CITY OF MILFORD

CLEVELAND AVENUE



CLEVELAND AVENUE
RESURFACING PROJECT
ENGINEERS PRELIMINARY OPINION OF
PROBABLE CONSTRUCTION COST
9/9/2020

Description	Quantity	Unit	Unit Price	Total
Full Depth Pavement Repair	200	SY	\$100.00	\$20,000.00
Pavement Planing, Asphalt Concrete, 1.5"	3,800	SY	\$1.50	\$5,700.00
Tack Coat	600	GAL	\$2.00	\$1,200.00
Asphalt Concrete Surface Course, Type 1, (448), PG64-22	180	CY	\$210.00	\$37,800.00
Curb Ramp, Remove and Replace	14	EACH	\$1,500.00	\$21,000.00
Maintaining Traffic	1	LS	\$10,000.00	\$10,000.00
Mobilization	1	LS	\$10,000.00	\$10,000.00
Construction Layout Stakes and Surveying	1	LS	\$5,000.00	\$5,000.00
Sub-Total				\$110,700.00
Contingency (10% +/-)				\$11,000.00
Engineering				\$4,500.00
Construction Administration				\$4,500.00
Grand Total				\$130,700.00

The estimated useful life of the roadway will be 15 years.

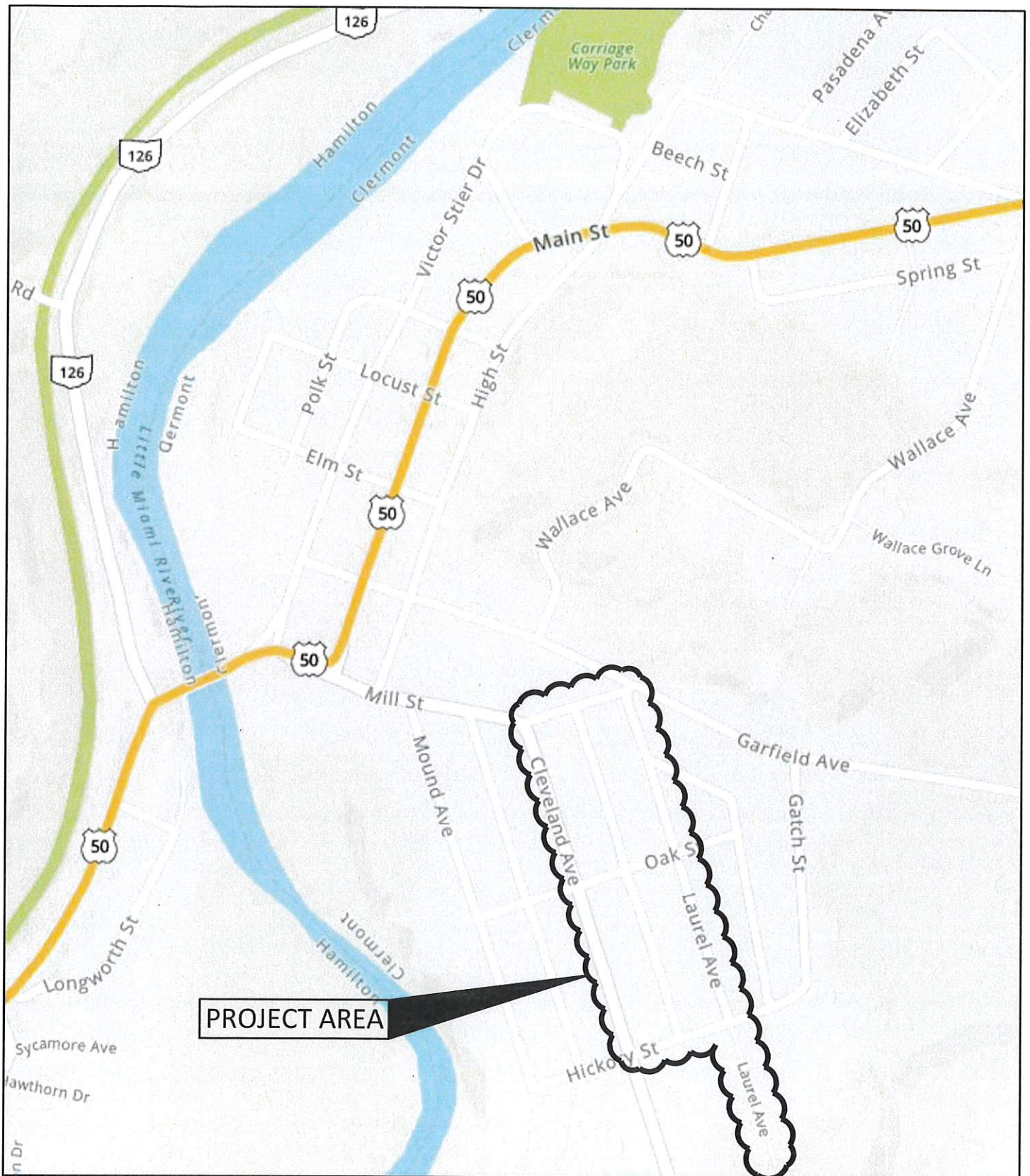


LAUREL AVENUE AND CLEVELAND AVENUE DRAINAGE IMPROVEMENTS

PROJECT DESCRIPTION

This project includes construction on Laurel Avenue from Mill Street to the southern terminus, Cleveland Avenue from Mill Street to Hickory Street, Oak Street from Cleveland Avenue to Laurel Avenue, and Hickory Street from Cleveland Avenue to Laurel Avenue in Milford, Ohio. The project involves drainage improvements to approximately 4,000 feet of roadway, with the existing roadway section being approximately 30' wide.

Proposed improvements include; detention/infiltration trenches, curbing as needed, new catch basins and manholes as needed, and sidewalk and curb ramp replacement as necessary.



PROJECT AREA

CITY OF MILFORD

LAUREL AVE & CLEVELAND AVE



LAUREL AVENUE & CLEVELAND AVENUE
DRAINAGE PROJECT
ENGINEERS PRELIMINARY OPINION OF
PROBABLE CONSTRUCTION COST
9/1/2020

Description	Quantity	Unit	Unit Price	Total
Clearing & Removals	1	LS	\$25,000.00	\$25,000.00
Erosion Control	1	LS	\$20,000.00	\$20,000.00
*Drainage Structures	43	EA	\$3,300.00	\$141,900.00
*Storm Conduit	2,000	FT	\$75.00	\$150,000.00
*Linear Detention Pipe	1,440	FT	\$200.00	\$288,000.00
Maintenance of Traffic	1	LS	\$15,000.00	\$15,000.00
Mobilization	1	LS	\$80,000.00	\$80,000.00
Stakeout	1	LS	\$10,000.00	\$10,000.00
Sub-Total				\$729,900.00
Contingency (15%)				\$110,100.00
Engineering				\$60,000.00
Grand Total				\$900,000.00

*costs for all pavement, curb, walk, and drive aprons restoration included in the unit cost
The estimated useful life of the Laurel Avenue & Cleveland Avenue Storm Project is 50 years.

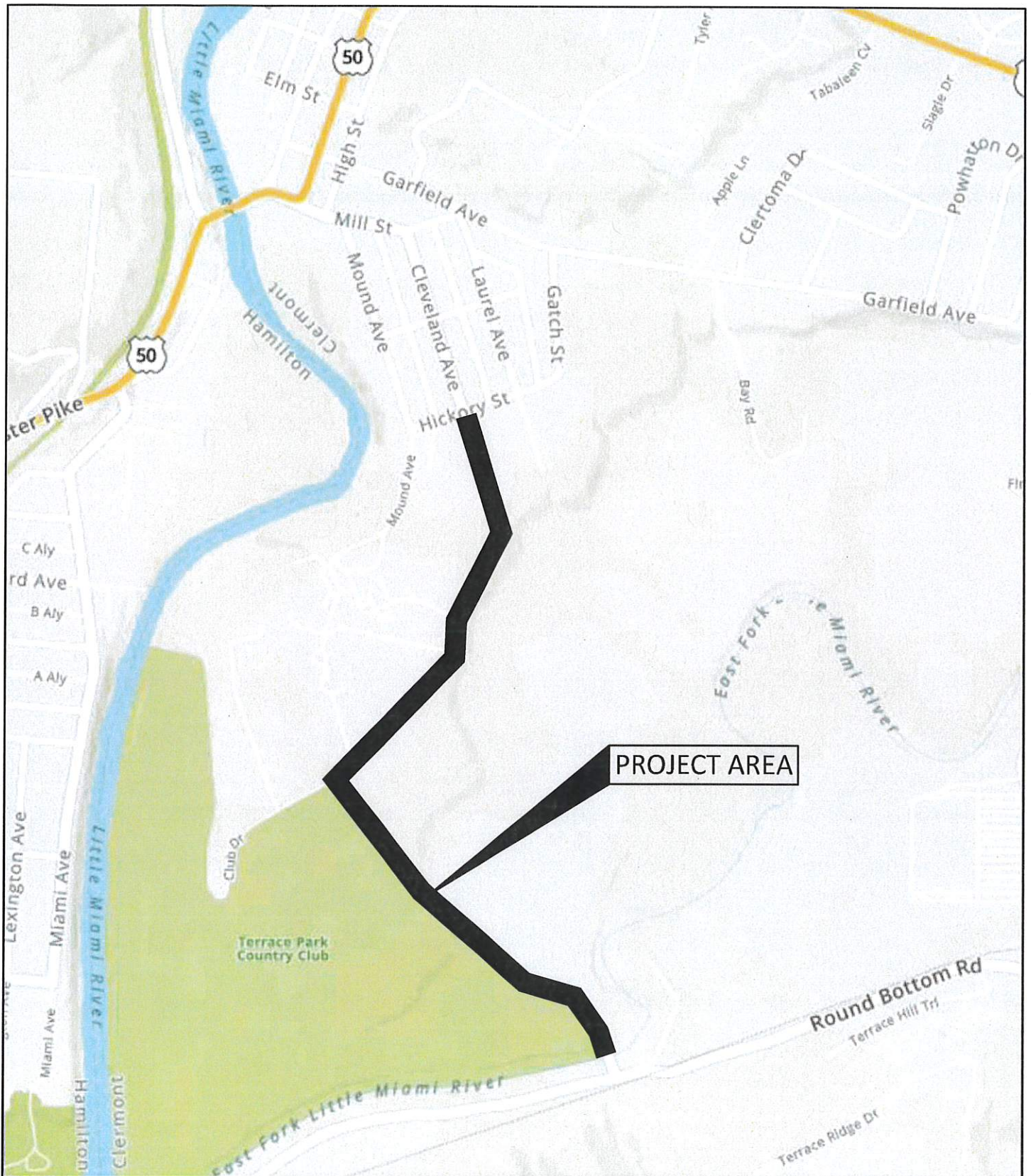


SOUTH MILFORD ROAD ROADWAY IMPROVEMENTS

PROJECT DESCRIPTION

This project includes improvements on South Milford Road from Hickory Street to the corporation limit in Milford, Ohio. The project involves resurfacing approximately 6,000 feet of roadway, with the existing roadway section being approximately 22' wide.

Proposed improvements include; milling and resurfacing the existing roadway and curb ramp replacement as necessary.



CITY OF MILFORD

SOUTH MILFORD ROAD



SOUTH MILFORD ROAD
RESURFACING PROJECT
ENGINEERS PRELIMINARY OPINION OF
PROBABLE CONSTRUCTION COST
9/9/2020

Description	Quantity	Unit	Unit Price	Total
Full Depth Pavement Repair	850	SY	\$100.00	\$85,000.00
Pavement Planing, Asphalt Concrete, 2"	16,500	SY	\$1.50	\$24,750.00
Tack Coat	1,500	GAL	\$2.00	\$3,000.00
Asphalt Concrete Surface Course, Type 1, (448), PG64-22	920	CY	\$210.00	\$193,200.00
Curb Ramp, Remove and Replace	3	EACH	\$2,000.00	\$6,000.00
Maintaining Traffic	1	LS	\$20,000.00	\$20,000.00
Mobilization	1	LS	\$10,000.00	\$10,000.00
Construction Layout Stakes and Surveying	1	LS	\$3,000.00	\$3,000.00
Sub-Total				\$344,950.00
Contingency (10% +/-)				\$35,050.00
Engineering				\$15,000.00
Construction Administration				\$15,000.00
Grand Total				\$410,000.00

The estimated useful life of the roadway will be 15 years.

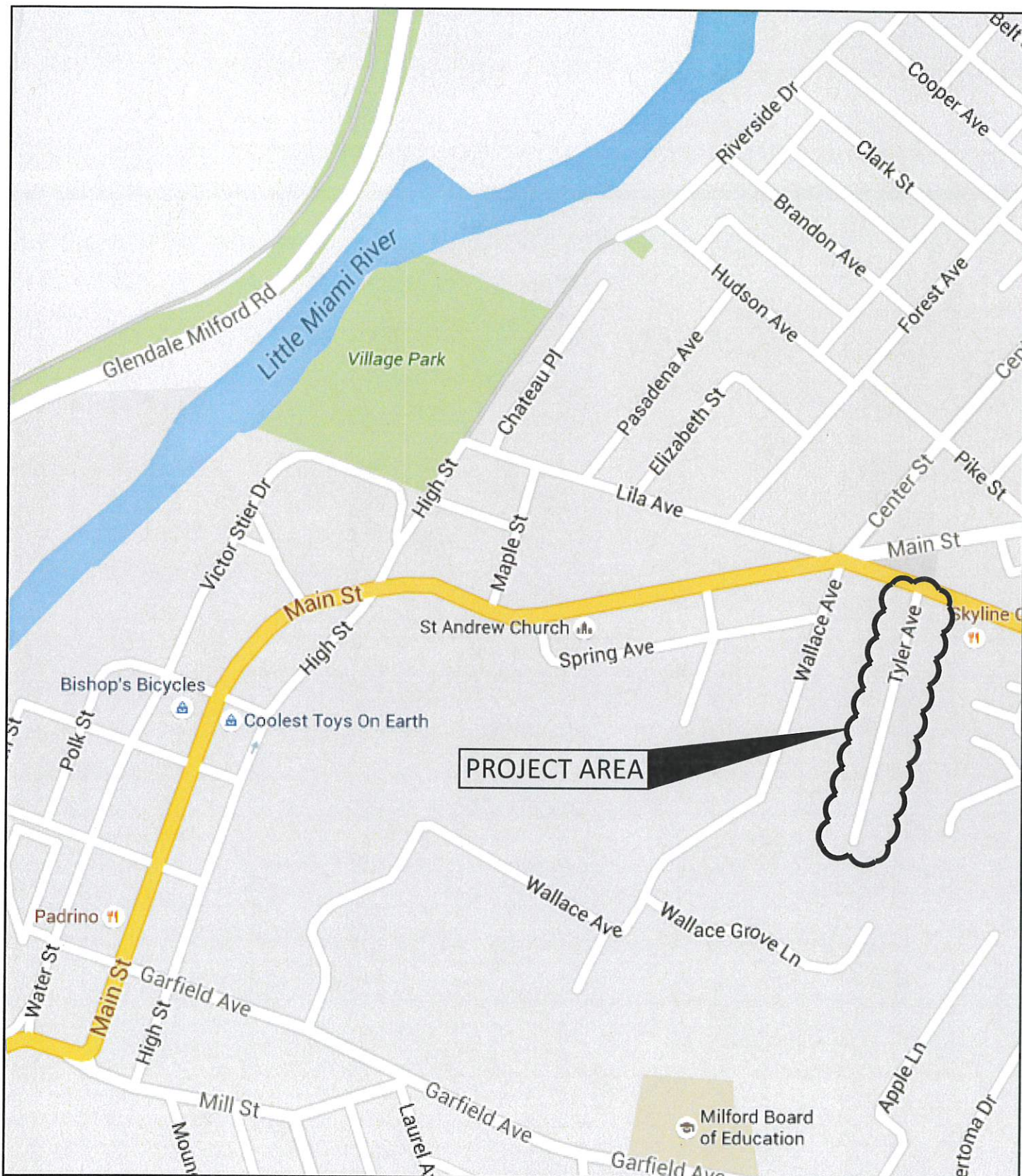


TYLER AVENUE DRAINAGE IMPROVEMENTS

PROJECT DESCRIPTION

This project includes construction on Tyler Avenue south of Main Street in Milford, Ohio. The project involves drainage improvements to approximately 900 feet of roadway, with the existing roadway section being approximately 30' wide.

Proposed improvements include; detention/infiltration on a property adjacent to Tyler Avenue, new underdrain, catch basins, and manholes as needed, and sidewalk and curb ramp replacement as necessary.



CITY OF MILFORD

TYLER AVENUE



TYLER AVENUE
DRAINAGE PROJECT
ENGINEERS PRELIMINARY OPINION OF
PROBABLE CONSTRUCTION COST
9/9/2020

Description	Quantity	Unit	Unit Price	Total
Clearing & Removals	1	LS	\$15,000.00	\$15,000.00
Erosion Control	1	LS	\$10,000.00	\$10,000.00
Pipe Removed	500	FT	\$10.00	\$5,000.00
*Drainage Structures	12	EA	\$3,300.00	\$39,600.00
*Storm Conduit	650	FT	\$75.00	\$48,750.00
Underground Detention Infiltration System	1	LS	\$50,000.00	\$50,000.00
6" Shallow Pipe Underdrain	1,500	FT	\$15.00	\$22,500.00
Right of Way Acquisition	1	LS	\$30,000.00	\$30,000.00
Maintenance of Traffic	1	LS	\$20,000.00	\$20,000.00
Mobilization	1	LS	\$25,000.00	\$25,000.00
Stakeout	1	LS	\$10,000.00	\$10,000.00
Sub-Total				\$275,850.00
Contingency (15% +/-)				\$42,150.00
Construction Administration				\$32,000.00
Grand Total				\$350,000.00

*costs for all pavement, curb, walk, and drive aprons restoration included in the unit cost
The estimated useful life of the Tyler Road Storm Project is 50 years.



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

Ohio EPA SEP 25/19
Entered Directors Journal

September 25, 2019

Re: Milford WWTP
Director's Authorization
Approval
NPDES
Clermont County
1PC00005

Mr. David Walker
Milford WWTP
745 Center St, Suite 200
Medway, OH 45341

Subject: Class B Biosolids Beneficial Use Site Authorization

Dear Mr. Walker:

Sam Wilson 9/25/19

Ohio EPA received a request to include the following site as part of the Class B biosolids management program.

<u>Ohio EPA Site #</u>	<u>Field ID</u>	<u>County</u>	<u>Township</u>
13-00055	Jordan Rd	Clermont	Wayne

This 41-acre beneficial use site, owned by James E. Smith and operated by Christopher J Smith, is located along Jordan Road as shown on the enclosed map. The beneficial use site's soil units consist of Clermont silt loam and Westboro-Schaffer silt loam. Soil analytical results indicate a pH of 5.7 S.U. and phosphorus of 10 parts per million (ppm) Mehlich III extraction.

A review of the application and site was conducted by Ohio EPA. The application indicates that the requisite notifications and consents have been obtained. Consideration was given to soil and landscape characteristics, isolation distances from residences, and the proximity to waterways and wells.

After a review of the application and Ohio Administrative Code (OAC) 3745-40, Ohio EPA hereby authorizes this site to be included as part of the Milford WWTP Class B biosolids management program. This authorization is subject to conditions contained in the Milford NPDES permit and OAC 3745-40. Highlights of these conditions are outlined below. Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern.

Specific Conditions

1. Prior to beneficial use, please document how pathogen reduction and vector attraction reduction were met in accordance with OAC 3745-40-04, prepare Notice and Necessary Information (NANI) sheets in accordance with OAC 3745-40-05, and place signs in accordance with OAC 3745-40-11.
2. Prior to beneficial use, the agronomic rate shall be determined in accordance with OAC 3745-40-08(A)(2) and include all sources of nitrogen and phosphate, such as commercial fertilizer or manure.

September 25, 2019

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3. Please review OAC 3745-40-08 for applicable beneficial use site requirements for land application including isolation distances and precipitation restrictions.
4. Biosolids application records shall be maintained in accordance with OAC 3745-40-09(C).

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Treasurer, State of Ohio," which the Commission, in its discretion, may reduce if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, OH 43215

If you have questions, please refer to Ohio EPA's Sewage Sludge Rules in OAC 3745-40 (<http://www.epa.ohio.gov/dsw/sludge/biosolid.aspx>) or contact Betsy VanWormer at (614) 644-2150 or via email at betsy.vanwormer@epa.ohio.gov.

Sincerely,



Laurie A. Stevenson
Director

Enclosure

Cc: Clermont County Health District
Clermont County Soil and Water Conservation District
Wayne Township Trustees

Ec: David Walker, Milford
James E. Smith
Christopher J. Smith
Betsy VanWormer, Ohio EPA - DSW/CO
Sandy Leibfritz, Ohio EPA - DSW/SWDO



Class B Biosolids
Site Authorization

Milford WWTP
NPDES #1PC00005

Ohio EPA Site Field ID
13-00055 Jordan Road



Smith Farms

Christopher J. Smith (Jesse)
1783 Wise Rd
Lynchburg, Oh 45142

J.SmithFarms@yahoo.com
937-302-6279

8/3/2020

Attn: City of Milford

I have worked with David Walker and I have a field of mine cleared by the E.P.A to apply your Class B Biosolids.

I can haul, spread and incorporate according to the E.P.A and NPDES Specs.

I will do this service for the amount of \$34.00 (Thirty-Four dollars) a ton.

If you are interested in my offer, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jesse Smith', with a long horizontal flourish extending to the right.

Christopher J. Smith (Jesse)

Ed Hackmeister

From: jwarner@warner-roofing.com
Sent: Tuesday, April 28, 2020 1:53 PM
To: Ed Hackmeister
Subject: Roofs

Hi Ed

We went and looked at all the roofs today. At both locations, we have a decent chance at an insurance claim, if you are thinking along that line. You have wind damage on all of them.

If you are just wanting a repair on them, I can send an estimate over. However, Bryan wanted me to let you know a couple things. One, the roof at the memorial park is a color that is no longer made by any manufacturer. Two, the city needs to put the roofs on their radar for replacement in the next couple years.

Let me know how you'd like me to proceed.

Jill Warner
Warner Roofing, Inc
513-673-9145
www.warner-roofing.com
Monday-Thursday 9a-7p
Friday 9a-5p
Saturday CLOSED
Sunday CLOSED

\$14,070.⁰⁰

Warner Roofing, Inc
 6942 Edenton Pleasant Plain Road
 Pleasant Plain, OH 45162
 513-673-9145
 jwarner@warner-roofing.com
 www.warner-roofing.com

Estimate



ADDRESS
 Mr Ed Hackmeister
 City of Milford
 Milford, OH 45150

SHIP TO
 Mr Ed Hackmeister
 City of Milford
 City of Milford
 Ed Hackmeister

ESTIMATE #	DATE
1430	07/15/2020

ACTIVITY	AMOUNT
Roofing Tear Off Project: Owens Corning Oakridge Shingle in Onyx Black Included 687 US Route 50 BUILDING 500 This covers a 1 Layer Tear off on a roof with 6/12 Pitch Clean Up and Haul Away Included; Dump Trailer Arrives the Day of The Job, Unless Otherwise Noted 1.5" Overhang Installed Due To Inability To Install Drip Edge Owens Corning or Rhino Synthetic Felt Included Ice Guard 3' Bottom Row Included Replace Counter Chimney Flashing Included Front/Back Pan for Chimney Included Replace Step Flashing Included 2 New Pipe Flashing Included Remove Ridge Vent and Install 4 New Box/Louvre Vents Included	5,695.00
Roofing Tear Off Project: Owens Corning Oakridge Shingle in Onyx Black Included 687 US ROUTE 50 BUILDING 502 AND SHED This covers a 1 Layer Tear off on a hip roof with 4/12 Pitch Clean Up and Haul Away Included; Dump Trailer Arrives the Day of The Job, Unless Otherwise Noted 1.5" Overhang Installed Due To Inability To Install Drip Edge Owens Corning or Rhino Synthetic Felt Included ADD 3 New Box/Louvre Vents Included, GARAGE ONLY	4,690.00
Roofing Tear Off Project: Owens Corning Oakridge Shingle in Onyx Black Included 214 CASH STREET This covers a 1 Layer Tear off on a roof with 6/12 Pitch Clean Up and Haul Away Included; Dump Trailer Arrives the Day of The Job,	3,685.00

ACTIVITY

AMOUNT

Unless Otherwise Noted

White Drip Edge Included

Owens Corning or Rhino Synthetic Felt Included

Ice Guard 3' Bottom Row Included

2 New Box/Louvre Vents Included

TERMS

~ All jobs include up to 3 boards of sheeting replaced, at no additional charge. All boards beyond that are installed at the rate of \$50/board.

~ Any changes to contract must be made in writing; e-mail is acceptable, prior to work being completed.

~ Signed contract (including color choice if needed) plus deposit of 50% of total job, plus 100% of any special order items, required to schedule job. Balance due UPON COMPLETION of job, unless prior arrangements have been agreed to.

~ If final payment is not received at job completion a lien will be placed on the property until the payment is received.

~ Homeowner is responsible for knowledge of need and obtaining permit, if needed. If preferred, Warner Roofing can do the leg work and acquire the permit for the cost of the permit plus \$50 admin fee. Homeowner

Does _____ Warner Roofing Does _____

*CITY OF MILFORD REQUIRES PERMIT

~ Warner Roofing, Inc orders extra materials to prepare for defective/damaged materials or possible mis-measurements. If requested, an open pack of shingles will be left with the homeowner, but any un-opened materials will be removed from job site

TOTAL

\$14,070.00

Accepted By

Accepted Date

Date: AUGUST 20, 2020

SHOWROOM ADDRESS:

1375 State Route 131; Suite D-1
Milford, Ohio 45150
Office: 513-576-0679
Fax: 513-576-0079
www.FrisbyRoofing.com

ESTIMATE: NEW ROOF INSTALLATION

Cemetery
12,569.40
+ 3120
15,689.40

CUSTOMER INFO:

ED HACKMEISTER

GREENLAWN CEMETERY BUILDINGS

NOTE: Everything Listed Below Will Be Installed As Specified In Black Ink. The Blue Ink Is Educational Information Only & Should Be Used to Determine Whether This Estimate is Comparable to Other Bids.

Remove all existing shingles and haul off job site

Remove all existing felt paper and haul off job site

Remove all nails, staples, and other fasteners from roof deck and ensure a clean, smooth surface.

Install felt paper on entire roof system (This is the under layment beneath the shingles. It provides an additional moisture barrier for your roof deck while shingles are off your home. It also provides protection for our work crew as they perform the replacement of your new roof. If your roof has a roof pitch GREATER THAN 7/12 we will use **30# FELT**, 7/12 or less will be a **15# Felt Paper**. The primary reason for felt is to create a temporary moisture barrier while your roof is being torn off. It also protects the workers on the roof by creating a friction barrier to walk on, making it less likely for someone to slip on the roof deck. Having a thicker felt is not always the best way to do things. There are many reasons you do not want to use a 30# felt paper on a low pitched roof, and vice-versa with a steep-pitched roof with 15# felt paper. We will install the proper felt based on your home's roof pitch.)

Install Ice & Water Shield at all Eaves (Gutter Area), as well as all valleys, and around

chimney (This upgrade is a 3 feet 'sticky' underlayment which goes behind the gutter board and 3' feet up your roof deck. This prevents any water that freezes in your gutters from rotting out your roof deck as it moves under your first and second row of shingles in the winter. As ice builds up in the winter, it has no where to go when your downspouts are frozen. When the sun melts the ice, it backs up underneath those two rows of shingles which cause deterioration and rot over time. It can also rot out your soffit and gutter board, as well as create icicle behind your gutters. Having this upgrade is VERY IMPORTANT, and is REQUIRED in order to maintain a lifetime warranty on your shingles per the manufacturer. We also install this protective barrier in all valley's and around your chimney, which are areas ice and snow is prone to sit for long periods of time which can eventually work itself behind shingles and rot out your roof deck. This product ensures a problem of rot and deterioration like this never occurs, despite the inevitable water penetration during ice dams. **This is also now a Required Building Code Item in the State of Ohio.**)

Install Gutter Apron (This too is an upgrade. When your home was built; just as many others were, there is typically a 1-3" gap between your roof deck and your gutters. To prevent water from ice dams or blowing rain from entering this area, we will bridge this gap with a piece of metal specifically designed to go under your shingles, and into your gutters. After installation of gutter apron, any water that may back up and flow into this gap will no longer enter into this area. The metal is maintenance free and will not rust. It is not seen once the roof has been installed, but very important to the overall roof system and integrity of your new roof. **This is also now a Required Building Code Item in the State of Ohio.**)

Install Drip Edge (This too is an upgrade. We install a piece of metal at all peaks on the face of your rake boards. This piece of metal is angled at 90 degrees and extends from the roof peak down to your gutter line at all areas. It serves two purposes and improves the overall aesthetic appeal to your home. This metal prevents wind driven rain from penetrating the first row of shingles that overhang 1" at all 'rake areas'. It also deflects wind which could damage shingles if high gusts are sustained. Although an upgraded item, drip edge is an important accessory we install on all of our roofs. It is important to check your competitor quotes to

ensure this has been listed as an item on their bid. This metal is typically matched with the trim color of your house, or the shingle color, so that it blends in with the home. If installed properly, this metal should be difficult to detect at first glance. Still not sure what it is? Look at your neighbor's houses to see if they have this metal strip where shingles overhang everywhere there are no gutters.)

Install new valley metal or interlace shingles, customer's choice! (Either way is the correct way. This is strictly preference but if you choose another company over us; and they opt to install a "closed cut valley" or "west coast valley" aka "California Cut Valley"; it is IMPERATIVE to have ice and water shield installed in the valley. Snow and Ice tend to build up in closed cut valleys during the winter (which is normal) but this is precisely the reason to have the protective underlayment of Ice and Water Shield installed PROPERLY) If valley metal is used, it is imperative to have valley shingles properly cropped (cut on an angle to prevent water from being diverted back under the shingles. This takes close attention to detail and we check the work!)

Replace chimney flashing *Both Step Flashing & Counter Flashing As Needed* (We will inspect the existing chimney flashing during the install and depending on the existing condition and the maintenance of the chimney, the flashing will either be replaced or new counter flashing over the existing will be installed and painted to match.

Replace wall flashing as needed (Just like your chimney flashing, you also have wall flashing in areas where roof plains contact siding and/or brick. Wall metal is made up of several smaller pieces of specialty bent metal at 90 degree angles, and overlaps each other along the entire wall surface. This prevents any water from getting behind shingles and running down interior or exterior walls, which may never be seen by you. Make sure to ask all contractors bidding on your project how they plan to address the flashings on your home. Be very conscious of any response saying, "Your existing flashing is fine and does not need to be replaced." This may very well be true, but it should be important for you to ask them how careful will their shingle removers be in areas of existing flashing. You should also ask the salesman/contractor if they are going to provide you a written warranty protecting you against future leaks in areas of metal flashings if they plan to reuse existing metal. With our quote, we are providing you with a written guarantee that will protect you for as long as you live in your home against any defects or leaks, regardless of material based or labor related, you're covered under our company's Lifetime Warranty Program.)

Install Certainteed Landmark Dimensional LIFETIME Shingles (EXTREMELY IMPORTANT ASPECT OF YOUR ROOF! DO NOT GO CHEAP IN THIS AREA!) Make sure all other bids are quoting you a DIMENSIONAL/ARCHITECTURAL shingle. There are **NO Reasons** whatsoever any contractor should be installing 25 year, 3 tab shingles on your roof, unless this is an insurance claim and your insurance company fails to pay for this upgrade. A 3 tab shingle has only a 60 to 90 mile per hour wind rating and is much more susceptible to sustaining hail/wind damage. Not only do you fail to get a LIFETIME WARRANTY SHINGLE with a 130 MPH wind rating, you are also limited on color as manufacturers are phasing out 3 tab shingles. It is equally important to be cautious of the brand being installed on your home, even if it is a Dimensional/Architectural Shingle. The three most superior shingle manufacturers are, CERTAINTEED, GAF, & OWENS CORNING. There are some other good quality shingles which are considered "middle of the road" and are of good quality, but if a contractor is attempting to install ATLAS, Pinnacle, or any other shingle brand, be sure you do your research to ensure the quoted brand falls within the acceptable material guideline. These shingles are much less expensive for the contractor and they often bid against companies who utilize a superior product, like us. The cost savings to the contractor are not always reflected in the price to the homeowner, allowing them to pocket the difference at your expense. In these cases, we often see a roofing contractor having a higher price than us while proposing to install a shingle brand such as ATLAS or any other far less superior product. We prefer and recommend to use CERTAINTEED because we feel their warranty is the most superior; they have the best wind ratings (130 mph), heaviest matting (240lbs per square) which protects against Hail Damage, and provide protection and warranty against Algae Growth with their 10 – 15 year Streak Fighter Warranties (Additional Copper and Zinc built INTO the shingle to fight algae). Owens Corning, although a great shingle, only has a 110mph wind rating. Regardless, make sure you are being quoted a Certainteed, GAF, or Owens Corning, Dimensional Product. Anything less we feel would be an injustice for you and your home, unless the price has been adjusted accordingly.) IKO is also being quoted in your bid. IKO is a very good shingle but is not the highest end shingle. A good analogy we use is the CERTAINTEED shingles is like purchasing a premium vehicle such as a Cadillac or Lexus or Mercedes, whereas IKO would be similar to purchasing a Honda, or Toyota. These are still very good vehicles, but you're paying for a higher end product. We do not even quote Atlas, Pinnacle, or other off brand products.

Install a minimum of 5 nails in each shingle. (Many contractors may only use 3 - 4 nails. It is important to ensure this does not happen. If a contractor tells you they plan to nail each shingle with only 3 or 4 nails, it is wise to stay away from this builder. It is the industry standard (And a Requirement for many Shingle Manufacturers to maintain their Warranty) to install 5 nails per each of the shingles. This should be common knowledge to all roofing contractors who provide a quality product)

Install Shingle Over Ridge Vent & Close off all Box Vents (This is a rather expensive upgrade option which we include on all of our new roofs. Few contractors will choose to install this new ventilation system due to the cost incurred by the company, so they typically reuse the old box vents without educating the homeowner. Box vents are the older technology of ventilating your roof, and although effective, it does not compare to the newer style of Shingle Over Ridge Ventilation. We will remove all existing box vents and install new plywood roof deck & cover up these areas with shingles as we complete the installation process of your new roof. In lieu of box vents, we will cut a 2" gap from the peak of each roof facet, called the "Ridge".

We then install Omni Roll over the new cut, and finish it off with a ridge cap shingle giving it a very low profile, stream line and professional look. The benefits you may ask? Here is how it works: As hot air rises in your attic, it draws the cool air in from the soffit vents, which are in place below your gutters. With the old box vent technology, this hot air has to find each of those box vents sporadically located throughout your roof. The new technology allows for one wide, quick sweeping motion of good air replacing bad air. Even after installing an upgraded ventilation system, it is equally important to ensure any gable vents are closed off from the inside with the new system. If they are not, the airflow vortex is disrupted and the air circulation only flows in through the gable vent and out the new shingle over ridge vent, rendering your soffit vents completely useless. This will result in bad, stagnated air sitting in your attic and **will likely VOID your shingle manufacturer's warranty**. This in turn increases your heating and cooling of your home, drastically reduces the life of your new roof, and causes expansion and contraction of the shingles resulting in damages and blistering not covered by your homeowner's insurance, or shingle manufacturer warranties. Be sure your contractor can confidently answer all your ventilation questions now that you are armed with this knowledge. If they try to tell you otherwise, this may be a good indication to do a little more research on this company. **DO NOT** let a roofing contractor convince you it is okay to leave your existing gable vents functional if they are installing new shingle over ridge vent, which is what we have proposed to you in this estimate.)

Install new rubber pipe boot flashings (It is always a good idea to replace the rubber rings that go around all existing pipe jacks (the pipe which allows your bathrooms to properly function) Even if you do not choose us as your contractor, Insist and ensure the contractor includes new rubber flashings around the pipe jacks. This is one area that is easily prone to leaks and should not be overlooked by your contractor. The cost associated with replacement of these rubber rings are minimal and should not be neglected during a re-roofing project. Be sure small details like this are specified on their roofing quote!)

Paint all penetrations and flashings (We will paint all pipes and metal visible on your roof so that it matches your new roof. There is nothing more frustrating than to see a brand new roof installed and nothing painted to match the new shingle color. This is a common oversight with many contractors which is immediately seen by homeowners. When brought up, this often becomes "an additional work order." Be sure to get this in writing up front like we are providing you. If you hire us, know that everything listed in this estimate will be completed for the price shown below.)

All Debris cleaned up and hauled away – GO GREEN BY USING US! WE PAY EXTRA TO RECYCLE OLD SHINGLES! (Not only do we pay extra to have your old shingles recycled, we also use a dump trailer with rubber tires to ensure no driveway damage occurs. Many contractors will have an unsightly dumpster dropped off at your home 2-3 days before starting your roof, and schedule a pick up 2-3 days after finishing. We have our dump trailer on site only during installation of your new roof. We also use several powerful magnets to ensure 99% of the nails are picked up from your flowerbeds, mulch, grass, porch, deck/patios, and common walkways. Be sure this is specified in your contractors estimate to ensure you're not left cleaning up months after the job is completed)

All Bad Plywood to be Replaced at \$3.00 a sq. ft. (If we see you have rotted roof deck, we will replace the area and take photographs for you to see)

Warranty Information **LIFETIME WARRANTY ON MATERIAL AND 1 YEAR ON LABOR!!!** – We do not know ANY COMPANY in the industry that will provide you a TRANSFERRABLE WARRANTY on labor and material. What a great selling point this could be if you're ever in the market to sell your home, or just want peace of mind yourself. Remember; a warranty is only as good as the company behind it. Anyone can offer a "lifetime" warranty, but what happens if you actually need to utilize the warranty. Did you know we have been in business for over 25 years, have Three Locations; and our phones are answered by a LIVE PERSON 24 hours a day, 365 days a year? Take this fact into consideration when looking at warranties. If our estimate is a little higher, it's not because we are trying to price gouge homeowners. In fact; we think just the opposite. We too are a family who pays the mortgage on our homes, make payments on our cars, and use services of other companies just like you are considering with us. **We Operate on Christian Based Principles & Try to Treat Others as we Wish to be Treated Ourselves.** So if our estimate is higher, it's because we are incurring higher costs to ensure your new roof is installed exactly the way we are proposing in this estimate. If you remember one thing from everything you've read from our proposal, please remember this; "Quality does not cost... It Pays!" Have confidence knowing that we are putting only the best of products on your home. We do not want to be called back to repair improperly installed shingles; so rest assured our job is finished correct the first time. Also be sure that if something does not go as anticipated, or an issue arises by fault of our own, we will fix it! It is not an easy task to maintain an A+ Rating with the Better Business Bureau because everything must be perfect on every job. There is a significant difference in A+ Rated companies from A Rated Companies. Although both are outstanding achievements; an A+ Rated Company ensures EVERY ISSUE is resolved no matter what the circumstances are. This accomplishment is something Frisby Roofing & Construction is extremely proud of, and is another reason we ask you to hire us for this project and know there will be no issues for you to worry about. We'll handle everything in a quick, efficient, and professional manner.)

All Sales Tax, Labor, and Material Included in This Estimate (Do not get hit with "sales tax" after committing to a final price. Ensure the agreed price is the 'out the door' price, as this estimate is)

****PRICE INCLUDES REMOVAL OF ONE LAYER****

BUILDING 1 HOUSE ON THE RIGHT

TOTAL PRICE FOR ROOF REPLACEMENT: USING IKO CAMBRIDGE 40 YEAR.....\$5,219.10

BUILDING 2 HOUSE ON LEFT

TOTAL PRICE FOR ROOF REPLACEMENT: USING IKO CAMBRIDGE 40 YEAR.....\$3,765.50

BUILDING 3 SMALL SHED

TOTAL PRICE FOR ROOF REPLACEMENT USING IKO CAMBRIDGE 40 YEAR.....\$464.80

ESTIMATE EXPIRES 01/20/2020

Respectfully Submitted,

Brittany Dobbs

Brittany Dobbs
V.P. Of Sales & Production
Frisby Construction
1375 State Route 131
Suite D1
Milford, OH 45150

Estimate Approved By,

Joshua D. Frisby

Joshua D. Frisby
Executive Vice President
Frisby Construction
1375 State Route 131
Suite D1
Milford, OH 45150

SO WHY CHOOSE US?

- A+ Rated with the BBB
- Certified CertainTeed Shingle Master Applicators (Increases warranty from 40 years to 50 years)
- 1 Year Labor Warranty on IKO Heritage Shingles / 5 Year Labor Warranty on CertainTeed Landmark Shingles
- Lifetime Product Warranty
- All Upgrades Included with "no additional work orders"
- 3000 SF Showroom located in Milford, OH
- Family Owned and Operated
- Workers Compensation and Liability Insurance of \$2,000,000.00 per incident
- Good standing with the community and suppliers
- 24/7 Live Answering Service - Call anytime; day or night and speak to a LIVE PERSON representing our company
- Local to the area, not storm chasers who may not be around to address issues if they arise
- We want your business more than our competitors! We work hard to inform you, but will not be upset if you choose to go elsewhere. (Low Pressure Sales Tactics)
- Even if you choose not to use us, we will answer questions you may have resulting from a competitor installation (with no pressure sales tactics)
- We want to form a lifelong relationship with our customers, not a "one and done" mentality

Date: AUGUST 20, 2020

SHOWROOM ADDRESS:

1375 State Route 131; Suite D-1
Milford, Ohio 45150
Office: 513-576-0679
Fax: 513-576-0079
www.FrisbyRoofing.com

ESTIMATE: NEW ROOF INSTALLATION

CUSTOMER INFO:

ED HACKMEISTER

CASH STREET

MILFORD, OHIO 45150

NOTE: Everything Listed Below Will Be Installed As Specified In Black Ink. The Blue Ink Is Educational Information Only & Should Be Used to Determine Whether This Estimate is Comparable to Other Bids.

Remove all existing shingles and haul off job site

Remove all existing felt paper and haul off job site

Remove all nails, staples, and other fasteners from roof deck and ensure a clean, smooth surface.

Install felt paper on entire roof system (This is the underlayment beneath the shingles. It provides an additional moisture barrier for your roof deck while shingles are off your home. It also provides protection for our work crew as they perform the replacement of your new roof. If your roof has a roof pitch GREATER THAN 7/12 we will use 30# FELT, 7/12 or less will be a 15# Felt Paper. The primary reason for felt is to create a temporary moisture barrier while your roof is being torn off. It also protects the workers on the roof by creating a friction barrier to walk on, making it less likely for someone to slip on the roof deck. Having a thicker felt is not always the best way to do things. There are many reasons you do not want to use a 30# felt paper on a low pitched roof, and vice-versa with a steep-pitched roof with 15# felt paper. We will install the proper felt based on your home's roof pitch.)

Install Ice & Water Shield at all Eaves (Gutter Area), as well as all valleys, and around

chimney (This upgrade is a 3 feet 'sticky' underlayment which goes behind the gutter board and 3' feet up your roof deck. This prevents any water that freezes in your gutters from rotting out your roof deck as it moves under your first and second row of shingles in the winter. As ice builds up in the winter, it has no where to go when your downspouts are frozen. When the sun melts the ice, it backs up underneath those two rows of shingles which cause deterioration and rot over time. It can also rot out your soffit and gutter board, as well as create icicle behind your gutters. Having this upgrade is VERY IMPORTANT, and is REQUIRED in order to maintain a lifetime warranty on your shingles per the manufacturer. We also install this protective barrier in all valley's and around your chimney, which are areas ice and snow is prone to sit for long periods of time which can eventually work itself behind shingles and rot out your roof deck. This product ensures a problem of rot and deterioration like this never occurs, despite the inevitable water penetration during ice dams. This is also now a Required Building Code Item in the State of Ohio.)

Install Gutter Apron (This too is an upgrade. When your home was built; just as many others were, there is typically a 1-3" gap between your roof deck and your gutters. To prevent water from ice dams or blowing rain from entering this area, we will bridge this gap with a piece of metal specifically designed to go under your shingles, and into your gutters. After installation of gutter apron, any water that may back up and flow into this gap will no longer enter into this area. The metal is maintenance free and will not rust. It is not seen once the roof has been installed, but very important to the overall roof system and integrity of your new roof. This is also now a Required Building Code Item in the State of Ohio.)

Install Drip Edge (This too is an upgrade. We install a piece of metal at all peaks on the face of your rake boards. This piece of metal is angled at 90 degrees and extends from the roof peak down to your gutter line at all areas. It serves two purposes and improves the overall aesthetic appeal to your home. This metal prevents wind driven rain from penetrating the first row of shingles that overhang 1" at all 'rake areas'. It also deflects wind which could damage shingles if high gusts are sustained. Although an

Jonas
Memorial
Park
\$ 3,120.00
+ 12,569.40
15,689.40

upgraded item, drip edge is an important accessory we install on all of our roofs. It is important to check your competitor quotes to ensure this has been listed as an item on their bid. This metal is typically matched with the trim color of your house, or the shingle color, so that it blends in with the home. If installed properly, this metal should be difficult to detect at first glance. Still not sure what it is? Look at your neighbor's houses to see if they have this metal strip where shingles overhang everywhere there are no gutters.)

Install new valley metal or interlace shingles, customer's choice! (Either way is the correct way. This is strictly preference but if you choose another company over us; and they opt to install a "closed cut valley" or "west coast valley" aka "California Cut Valley"; it is IMPERATIVE to have ice and water shield installed in the valley. Snow and Ice tend to build up in closed cut valleys during the winter (which is normal) but this is precisely the reason to have the protective underlayment of Ice and Water Shield installed PROPERLY) If valley metal is used, it is imperative to have valley shingles properly cropped (cut on an angle to prevent water from being diverted back under the shingles. This takes close attention to detail and we check the work!)

Replace chimney flashing *Both Step Flashing & Counter Flashing As Needed* (We will inspect the existing chimney flashing during the install and depending on the existing condition and the maintenance of the chimney, the flashing will either be replaced or new counter flashing over the existing will be installed and painted to match.

Replace wall flashing as needed (Just like your chimney flashing, you also have wall flashing in areas where roof plains contact siding and/or brick. Wall metal is made up of several smaller pieces of specialty bent metal at 90 degree angles, and overlaps each other along the entire wall surface. This prevents any water from getting behind shingles and running down interior or exterior walls, which may never be seen by you. Make sure to ask all contractors bidding on your project how they plan to address the flashings on your home. Be very conscious of any response saying, "Your existing flashing is fine and does not need to be replaced." This may very well be true, but it should be important for you to ask them how careful will their shingle removers be in areas of existing flashing. You should also ask the salesman/contractor if they are going to provide you a written warranty protecting you against future leaks in areas of metal flashings if they plan to reuse existing metal. With our quote, we are providing you with a written guarantee that will protect you for as long as you live in your home against any defects or leaks, regardless of material based or labor related, you're covered under our company's Lifetime Warranty Program.)

Install Certainteed Landmark Dimensional LIFETIME Shingles (EXTREMELY IMPORTANT ASPECT OF YOUR ROOF! DO NOT GO CHEAP IN THIS AREA!) Make sure all other bids are quoting you a DIMENSIONAL/ARCHITECTURAL shingle. There are **NO Reasons** whatsoever any contractor should be installing 25 year, 3 tab shingles on your roof, unless this is an insurance claim and your insurance company fails to pay for this upgrade. A 3 tab shingle has only a 60 to 90 mile per hour wind rating and is much more susceptible to sustaining hail/wind damage. Not only do you fail to get a LIFETIME WARRANTY SHINGLE with a 130 MPH wind rating, you are also limited on color as manufacturers are phasing out 3 tab shingles. It is equally important to be cautious of the brand being installed on your home, even if it is a Dimensional/Architectural Shingle. The three most superior shingle manufacturers are, CERTAINTEED, GAF, & OWENS CORNING. There are some other good quality shingles which are considered "middle of the road" and are of good quality, but if a contractor is attempting to install ATLAS, Pinnacle, or any other shingle brand, be sure you do your research to ensure the quoted brand falls within the acceptable material guideline. These shingles are much less expensive for the contractor and they often bid against companies who utilize a superior product, like us. The cost savings to the contractor are not always reflected in the price to the homeowner, allowing them to pocket the difference at your expense. In these cases, we often see a roofing contractor having a higher price than us while proposing to install a shingle brand such as ATLAS or any other far less superior product. We prefer and recommend to use CERTAINTEED because we feel their warranty is the most superior; they have the best wind ratings (130 mph), heaviest matting (240lbs per square) which protects against Hail Damage, and provide protection and warranty against Algae Growth with their 10 - 15 year Streak Fighter Warranties (Additional Copper and Zinc built INTO the shingle to fight algae). Owens Corning, although a great shingle, only has a 110mph wind rating. Regardless, make sure you are being quoted a Certainteed, GAF, or Owens Corning, Dimensional Product. Anything less we feel would be an injustice for you and your home, unless the price has been adjusted accordingly.) IKO is also being quoted in your bid. IKO is a very good shingle but is not the highest end shingle. A good analogy we use is the CERTAINTEED shingles is like purchasing a premium vehicle such as a Cadillac or Lexus or Mercedes, whereas IKO would be similar to purchasing a Honda, or Toyota. These are still very good vehicles, but you're paying for a higher end product. We do not even quote Atlas, Pinnacle, or other off brand products.

Install a minimum of 5 nails in each shingle. (Many contractors may only use 3 - 4 nails. It is important to ensure this does not happen. If a contractor tells you they plan to nail each shingle with only 3 or 4 nails, it is wise to stay away from this builder. It is the industry standard (And a Requirement for many Shingle Manufacturers to maintain their Warranty) to install 5 nails per each of the shingles. This should be common knowledge to all roofing contractors who provide a quality product)

Install Shingle Over Ridge Vent & Close off all Box Vents (This is a rather expensive upgrade option which we include on all of our new roofs. Few contractors will choose to install this new ventilation system due to the cost incurred by the company, so they typically reuse the old box vents without educating the homeowner. Box vents are the older technology of ventilating your roof, and although effective, it does not compare to the newer style of Shingle Over Ridge Ventilation. We will remove all existing box vents and install new plywood roof deck & cover up these areas with shingles as we complete the

installation process of your new roof. In lieu of box vents, we will cut a 2" gap from the peak of each roof facet, called the "Ridge". We then install Omni Roll over the new cut, and finish it off with a ridge cap shingle giving it a very low profile, stream line and professional look. The benefits you may ask? Here is how it works: As hot air rises in your attic, it draws the cool air in from the soffit vents, which are in place below your gutters. With the old box vent technology, this hot air has to find each of those box vents sporadically located throughout your roof. The new technology allows for one wide, quick sweeping motion of good air replacing bad air. Even after installing an upgraded ventilation system, it is equally important to ensure any gable vents are closed off from the inside with the new system. If they are not, the airflow vortex is disrupted and the air circulation only flows in through the gable vent and out the new shingle over ridge vent, rendering your soffit vents completely useless. This will result in bad, stagnated air sitting in your attic and **will likely VOID your shingle manufacturer's warranty.** This in turn increases your heating and cooling of your home, drastically reduces the life of your new roof, and causes expansion and contraction of the shingles resulting in damages and blistering not covered by your homeowner's insurance, or shingle manufacturer warranties. Be sure your contractor can confidently answer all your ventilation questions now that you are armed with this knowledge. If they try to tell you otherwise, this may be a good indication to do a little more research on this company. DO NOT let a roofing contractor convince you it is okay to leave your existing gable vents functional if they are installing new shingle over ridge vent, which is what we have proposed to you in this estimate.)

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All Bad Plywood to be Replaced at \$3.00 a sq. ft. (If we see you have rotted roof deck, we will replace the area and take photographs for you to see)

Warranty Information **LIFETIME WARRANTY ON MATERIAL AND 1-YEAR ON LABOR!!!** – We do not know ANY COMPANY in the industry that will provide you a TRANSFERRABLE WARRANTY on labor and material. What a great selling point this could be if you're ever in the market to sell your home, or just want peace of mind yourself. Remember; a warranty is only as good as the company behind it. Anyone can offer a "lifetime" warranty, but what happens if you actually need to utilize the warranty. Did you know we have been in business for over 25 years, have Three Locations; and our phones are answered by a LIVE PERSON 24 hours a day, 365 days a year? Take this fact into consideration when looking at warranties. If our estimate is a little higher, it's not because we are trying to price gouge homeowners. In fact; we think just the opposite. We too are a family who pays the mortgage on our homes, make payments on our cars, and use services of other companies just like you are considering with us. **We Operate on Christian Based Principles & Try to Treat Others as we Wish to be Treated Ourselves.** So if our estimate is higher, it's because we are incurring higher costs to ensure your new roof is installed exactly the way we are proposing in this estimate. If you remember one thing from everything you've read from our proposal, please remember this; "Quality does not cost... It Pays!" Have confidence knowing that we are putting only the best of products on your home. We do not want to be called back to repair improperly installed shingles; so rest assured our job is finished correct the first time. Also be sure that if something does not go as anticipated, or an issue arises by fault of our own, we will fix it! It is not an easy task to maintain an A+ Rating with the Better Business Bureau because everything must be perfect on every job. There is a significant difference in A+ Rated companies from A Rated Companies. Although both are outstanding achievements; an A+ Rated Company ensures EVERY ISSUE is resolved no matter what the circumstances are. This accomplishment is something Frisby Roofing & Construction is extremely proud of, and is another reason we ask you to hire us for this project and know there will be no issues for you to worry about. We'll handle everything in a quick, efficient, and professional manner.)

All Sales Tax, Labor, and Material Included in This Estimate (Do not get hit with "sales tax" after committing to a final price. Ensure the agreed price is the 'out the door' price, as this estimate is)

*****PRICE INCLUDES REMOVAL OF ONE LAYER*****

TOTAL PRICE FOR GARAGE ROOF REPLACEMENT: USING IKO CAMBRIDGE 40 YEAR.....\$3,120.00

TOTAL PRICE FOR GARAGE ROOF REPLACEMENT: USING CERTAINTEED LM 50 YEAR.....\$3,420.00

ESTIMATE EXPIRES 08/27/2020

Respectfully Submitted,

Brittany Dobbs

Brittany Dobbs
V.P. Of Sales & Production
Frisby Construction
1375 State Route 131
Suite D1
Milford, OH 45150

Estimate Approved By,

Joshua D. Frisby

Joshua D. Frisby
Executive Vice President
Frisby Construction
1375 State Route 131
Suite D1
Milford, OH 45150

SO WHY CHOOSE US?

- A+ Rated with the BBB
- Certified Certainteed Shingle Master Applicators (Increases warranty from 40 years to 50 years)
- 1 Year Labor Warranty on IKO Heritage Shingles / 5 Year Labor Warranty on Certainteed Landmark Shingles
- Lifetime Product Warranty
- All Upgrades Included with "no additional work orders"
- 3000 SF Showroom located in Milford, OH
- Family Owned and Operated
- Workers Compensation and Liability Insurance of \$2,000,000.00 per incident
- Good standing with the community and suppliers
- 24/7 Live Answering Service - Call anytime; day or night and speak to a LIVE PERSON representing our company
- Local to the area, not storm chasers who may not be around to address issues if they arise
- We want your business more than our competitors! We work hard to inform you, but will not be upset if you choose to go elsewhere. (Low Pressure Sales Tactics)
- Even if you choose not to use us, we will answer questions you may have resulting from a competitor installation (with no pressure sales tactics)
- We want to form a lifelong relationship with our customers, not a "one and done" mentality

513-563-ROOF**Customer Info:**

Job #: Cin-5610
 City of Milford - Hackmeister, Edwin
 687 US Rt. 50,
 Milford, OH, 45150
 (513) 473-9317

Integrity 1st Roofing

3675 Hauck Rd. Sharonville, OH 45241
 Phone: (513) 563-7663
 Fax: (513) 563-4800

Company Representative:

Shaun Grimes
 (513) 518-5389
 integrity1st.shاون@gmail.com

Estimate # 5610-1 (GAF Lifetime Roofing System - Cash Street Garage)

Description	Quantity	Unit
Remove tear off, haul and dispose of shingles to bare deck- 3 tab	10.4	SQ
Replace Laminated - Dimensional shingle » GAF » Timberline HDZ	11.33	SQ
Replace Ridge cap » GAF » SG S-A-R (25LF/BD)	33	LF
Replace Asphalt starter shingle » GAF » ProStart (120LF/BD)	129	LF
Replace Synthetic Felt » GAF » Feltbuster (10SQ/RL)	8.45	SQ
Replace Ice & water shield (Granulated) » GAF » Weatherwatch (2SQ/RL)	195	SF
Replace Drip Edge	64	LF
Replace Gutter Apron	65	LF
Remove and Replace Roof vent - turtle type - Metal » GAF » SSB960 Slantback Box Vent	2	EA

Estimate # 5610-1 (GAF Lifetime Roofing System - Cash Street Garage) total: \$4,331.37

Estimate # 5610-2 (GAF Lifetime Roofing System - Building #502)

Description	Quantity	Unit
Remove tear off, haul and dispose of shingles to bare deck- 3 tab	11.52	SQ
Replace Laminated - Dimensional shingle » GAF » Timberline HDZ	13	SQ
Replace Ridge cap » GAF » SG S-A-R (25LF/BD)	88	LF
Replace Asphalt starter shingle » GAF » ProStart (120LF/BD)	136	LF
Replace Synthetic Felt » GAF » Feltbuster (10SQ/RL)	7.44	SQ
Replace Ice & water shield (Granulated) » GAF » Weatherwatch (2SQ/RL)	408	SF
Replace Gutter Apron	136	LF
Charge to cut in roof vent - turtle type - Metal » GAF » SSB960 Slantback Box Vent	2	EA
Option A: Existing roof sheathing is 12" Plank. GAF recommends having new 1/2" sheathing installed over the existing 12" plank. 12" Plank boards are susceptible to movement from expansion and contraction. Cracks, gaps and knotholes in the planks will lessen the nail holding capacity. The price to install new 1/2" Sheathing over the existing planks would be an additional: (Financed: \$1,870.00) or (Cash: \$1680.00) above this written proposal. Price for this optional upgrade is not reflected in the all section total below.	1	EA

Estimate # 5610-2 (GAF Lifetime Roofing System - Building #502) total: \$5,283.75

Estimate # 5610-3 (GAF Lifetime Roofing System - Shed next to #502)

Description	Quantity	Unit
Remove tear off, haul and dispose of shingles to bare deck- 3 tab	1.37	SQ
Replace Laminated - Dimensional shingle » GAF » Timberline HDZ	1.66	SQ
Replace Ridge cap » GAF » SG S-A-R (25LF/BD)	11	LF
Replace Asphalt starter shingle » GAF » ProStart (120LF/BD)	47	LF

Replace Synthetic Felt » GAF » Feltbuster (10SQ/RL)	0.74	SQ
Replace Ice & water shield (Granulated) » GAF » Weatherwatch (2SQ/RL)	63	SF
Replace Drip Edge	26	LF
Replace Gutter Apron	21	LF
Replace Fox Lite F Series Flush Mount Polycarbonate Dome Skylight - 16" X 16"	1	EA

Estimate # 5610-3 (GAF Lifetime Roofing System - Shed next to #502) total: \$838.58

Estimate # 5610-4 (GAF Lifetime Roofing System - Building #500)

Description	Quantity	Unit
Remove tear off, haul and dispose of shingles to bare deck- 3 tab	15.98	SQ
Replace Laminated - Dimensional shingle » GAF » Timberline HDZ **Note: Price includes the GAF Golden Pledge Warranty, a 50 year, non-prorated material warranty and a 25 year labor warranty backed by GAF.	18	SQ
Replace Ridge cap » GAF » SG S-A-R (25LF/BD)	47	LF
Replace Asphalt starter shingle » GAF » ProStart (120LF/BD)	175	LF
Replace Synthetic Felt » GAF » Feltbuster (10SQ/RL)	10.34	SQ
Replace Ice & water shield (Granulated) » GAF » Weatherwatch (2SQ/RL)	564	SF
Replace Drip Edge	76	LF
Replace Gutter Apron	99	LF
Remove and Replace Flashing - pipe jack » Ultimate Pipe Flashing » LIFETIME EASYSLEEVE 3" #ES300	2	EA
Remove and Replace Flashing - pipe jack » Ultimate Pipe Flashing » LIFETIME EASYSLEEVE 3" #ES300	2	EA
Remove and Replace Chimney Flashing - Soldered Steel Flashing Coated w/ Rust Inhibitive Paint	1	EA
Remove and Replace Flashing - L flashing - color finish » Roof to Wall **Note: For small awning roof	5	LF
Remove and Replace Continuous ridge vent - shingle-over style » GAF » Cobra Snow Country Advanced (4LF/PC)	45	LF
Charge to cut in eave intake vent » GAF » Cobra Intake Pro (20LF/RL) **Note: Existing soffit does not have any intake vents. The roof should have an equal intake and exhaust venting ratio. This intake vent is installed along the guttered eaves and allows 9 sq. in. per linear foot of NFA of intake. When installed with GAF Cobra Snow Country Advanced Ridge Vent at the peak (18 sq. in. per linear foot NFA of exhaust), this brings the building up to current building code standards and also ensures there will be no future venting issues with the GAF Golden Pledge Warranty. It will also help keep the building cooler in the summer months.	90	LF

Estimate # 5610-4 (GAF Lifetime Roofing System - Building #500) total: \$8,260.07

Total for all sections: \$18,713.77
 Estimate # 5610-1 (Discount if paid with cash, check or credit card): -\$365.87
 Estimate # 5610-2 (Discount if paid with cash, check or credit card): -\$733.75
 Estimate # 5610-3 (Discount if paid with cash, check or credit card): -\$63.58
 Estimate # 5610-4 (Discount if paid with cash, check or credit card): -\$1,150.57

Total: **\$16,400.00**

*** NOTICE *** Any damaged wood sheathing will be replaced in full sheets @ \$50.00 per sheet. Plank replacement is @ \$8.50 per linear foot. The homeowner is responsible for any wood replaced. If there is a dish satellite on the roof, the dish company may have to realign at no cost to Integrity 1st Roofing.