

CONSTRUCTION & PROJECT MANAGEMENT UPDATE AND NEXT STEPS

COTW - Highlands Neighborhood Meeting
January 8, 2019

Agenda

- Planning for Capital Projects
- Highlights of 2018 Infrastructure Projects
- Review of 2018 Highlands Neighborhood Construction
- Construction Specifications Revisions For 2019 and Beyond
- Major Projects Planned in Highlands Neighborhood
- Questions

Capital Improvement Plan

NEED

- CELEBRATING 150 YEARS – AGING INFRASTRUCTURE
- INFRASTRUCTURE UPKEEP IS CRITICAL- REDUCE LONG TERM COSTS
- AGGRESSIVE AND ACHIEVABLE CAPITAL PLAN

PLAN

- 10-YR CAPITAL PLAN
- ANNUAL BUDGET PROCESS- FUNDING AND PRIORITIZE PROJECTS

IMPLEMENTATION

- DESIGN, BID, AND CONSTRUCT
- TRANSPARENCY- PUBLIC BID PROCESS
- CONSTRUCTION INCONVENIENCE- MINIMIZE RESIDENT IMPACT
- COMMUNICATION- USE VARIOUS MODALITIES

Capital Improvement Plan

IMPLEMENTATION- CONSTRUCTION

- DESIGN/BID TO START OF CONSTRUCTION – 60 TO 90 DAYS PROCESS
- ALL CONTRACTS INCLUDE CONTINGENCY DAYS
 - Weather Delays
 - Holidays
 - Field Changes
- CONSTRUCTION TIMELINE DURATION- MAY THRU NOVEMBER
- ASPHALT PLANTS OPEN MID-APRIL TO END OF NOVEMBER
- CONSTRUCTION SEQUENCING
 - Underground Work –First
 - Curbs and Driveways- Second
 - Paving- Last
 - Delay of a Task Shortens Contingency Days

2018 Capital Improvement Program- Major PW Projects

(EST.)

- Forest Ave Bridge Replacement Project \$2,600,000
- Summit-Marl Oak-North Watermain Improvements \$1,500,000
- Annual Asphalt Streets Resurfacing Program \$1,500,000
- Berkeley Storm Sewer Improvements \$1,000,000
- Deerfield Fence-Lambert Tree-Old Trail Path-Other \$900,000
- Old Skokie Watermain Replacement Project \$650,000
- Richfield-Southland Storm Sewer Improvements \$625,000
- Ravine 3 Restoration Project \$550,000
- Clavey Rd Sidewalk and Railroad Ped Gates \$550,000
- Annual Concrete Streets Repair Program \$550,000
- Grove Ave Watermain Replacement Project \$500,000

2018 Capital Improvement Program- Major Projects Managed by Public Works



• Sewer Lining	\$750,000
• Art Center-Fire Station-Water Plant Roofs	\$750,000
• Ft Sheridan Lift Station Improvements	\$450,000
• Deere Park and Maple Ravines Improvements	\$350,000
• Linden Ave Paver Alley Reconstruction	\$200,000
• Annual Sidewalk Replacement Program	\$100,000

OTHER DUTIES:

- Oversight of 10-yr CIP
- Managing 2019-2020 Design Projects
- Plan Reviews- Floodplain, Steep Slope, and Detention
- Traffic Management Committee & Transportation Liaison

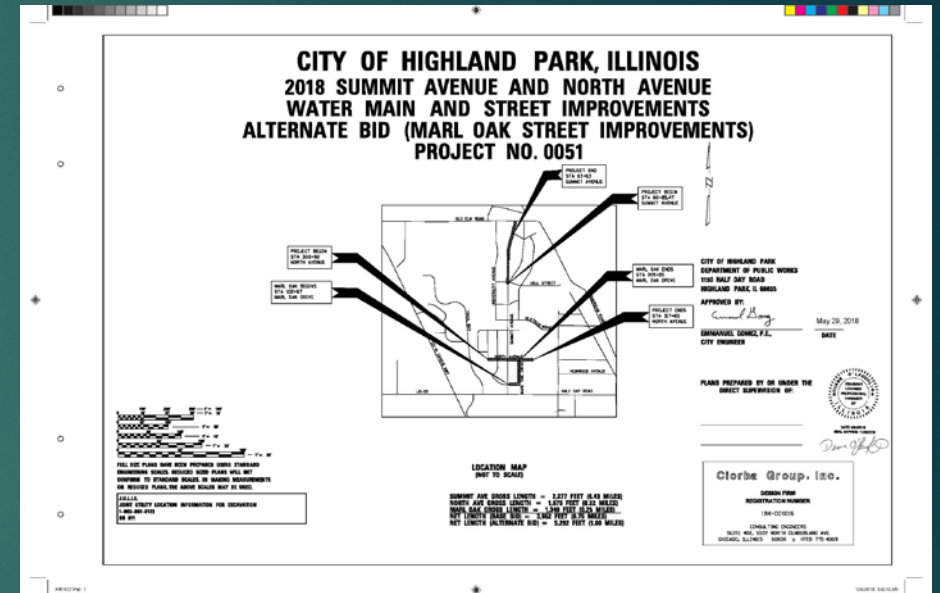
TOTAL PROJECT COSTS (MAJOR)

\$14,460,000

Project Development Pre-Construction

DESIGN PHASE

- SURVEYS
- CONCEPTUAL PLANS
 - Public Notice – Open House Meeting
 - Incorporate Public Comments
- 70% COMPLETE PLANS
 - Internal Review by City
- 100% COMPLETE PLANS
 - Submit Final Plans and Specifications for Bidding



Project Development Pre-Construction

BIDDING PHASE

- POST PLANS TO ONLINE BIDDING PORTAL (QUEST-CDN)
- ANSWER QUESTIONS RECEIVED FROM POTENTIAL BIDDERS
 - If necessary, issue an addendum to address questions
- OPEN BIDS
 - Online via internet
 - Bid results instant
- REVIEW BID DOCUMENTS SUBMITTED BY BIDDERS
 - Bid bond
 - Prequalification's (typically IDOT prequalified for proposed work)
 - Finalize Bid Tab to show summary of bid results
- CITY COUNCIL APPROVAL
 - Bid documents, bid results and staff recommendation to City Council

Project Implementation- Construction Phase

PRIOR TO START OF WORK

- INITIAL NOTIFICATION TO AFFECTED RESIDENTS
 - Letter sent via USPS (Regular Mail)
 - Anticipated Start Date
 - Project Scope & Contractor/Company Name
 - Limited Access & Parking
 - Items in City Right of Way (Sprinklers, Brick Paver Driveways, Invisible Dog Fences, Landscape Lighting)
 - Contact Information (City Engineer, Inspector, Phone Number and Email Address)

 City of Highland Park

1150 Half Day Rd.
Highland Park, Illinois 60035
847-432-0807
cityhpa.il.com

Public Works
Department

August 8, 2018

Current Resident
165 Cedar Ave
Highland Park, Illinois 60035

RE: **START OF CONSTRUCTION NOTICE**
2018 MFT Asphalt Street Repair Program
Streets with new Concrete Curb and Gutter
(Cedar Av, Kimball Rd)

Start of Construction

Mobilization and construction are expected to begin the week of August 13, 2018, weather permitting.

Project Scope and Award

The City of Highland Park awarded the 2018 MFT Asphalt Street Repair Program to Peter Baker & Son Company. Proposed improvements include:

- Milling off a layer of existing asphalt from the pavement
- Installation of a new layer of asphalt
- Installation of new drainage structures
- ***Construction of New Concrete Curb and Gutter along the outer edge of the pavement**
- Minor Landscape Restoration with seed or sod
*The new curb and gutter will convey storm water runoff into existing storm sewers, improving drainage and extending the pavement life.

Limited Access/Parking

During construction, access will be allowed to the properties in the work area, however, traffic may be directed one-way at a time with flaggers as needed. When the new concrete curb is constructed access to your driveway will be temporarily restricted for approximately one week. This is necessary to allow the new concrete curb to cure so the concrete reaches sufficient strength to allow cars to drive over it. The City will provide notice in advance of the concrete curb work so that you may remove your car from your driveway. On some occasions this notice may occur the day before your access will be limited. The delivery of the notice is dependent on the work that will take place and how weather affects the schedule.



Project - Construction Phase

PRIOR TO START OF WORK

- START OF CONSTRUCTION
 - Informational sign at project site
 - Public Works contact number



Construction Phase

DURING ONGOING CONSTRUCTION



RESIDENT NOTIFICATION

- CRITICAL ITEMS
- DOOR TAGS
 - Driveway Access
 - Temporary Water Disruption
- DOOR-TO-DOOR
 - Contractor/Staff Knocks on Door



Engineering Division

**NORTH AVE IMPROVEMENTS
DRIVEWAY ACCESS**

NOTICE

11/29/2018

**Please see reverse side for
project specific information.**

**For additional information,
please see the City's website at:
www.cityhpil.com/construction or call
847-432-0807**



Proposed Work

The City's contractor will form and install your concrete driveway apron along North Avenue.

Locations Affected by Work

The driveway at the following addresses will be affected:
1082 North Avenue

Impact to Driveway Access

Weather permitting, the removal of the apron will start on Friday, 11/30. Access to your driveway will be restricted from 11/30 – 12/06. **Please have your vehicle removed from your driveway by 7am on Friday, 11/30.** You will not have access to your driveway while the concrete cures. You will be permitted to park on Idle Wood Ln. while you do not have access to your driveway. We expect you to regain access to your driveway on Thursday 12/06 once all barricades have been removed. Please keep in mind that inclement weather (rain/snow) can affect the completion date for this work.

We understand this is a short notice, but with the impending weather the contractor has requested to install the aprons on 11/30. The City of Highland Park along with the Contractor appreciates your patience and understanding.

**For additional information,
please see the City's website at:
www.cityhpil.com/construction
or call Michael Daniels (847)926-1138**

Project Implementation- Construction Phase

DURING ONGOING CONSTRUCTION

City of Highland Park Website

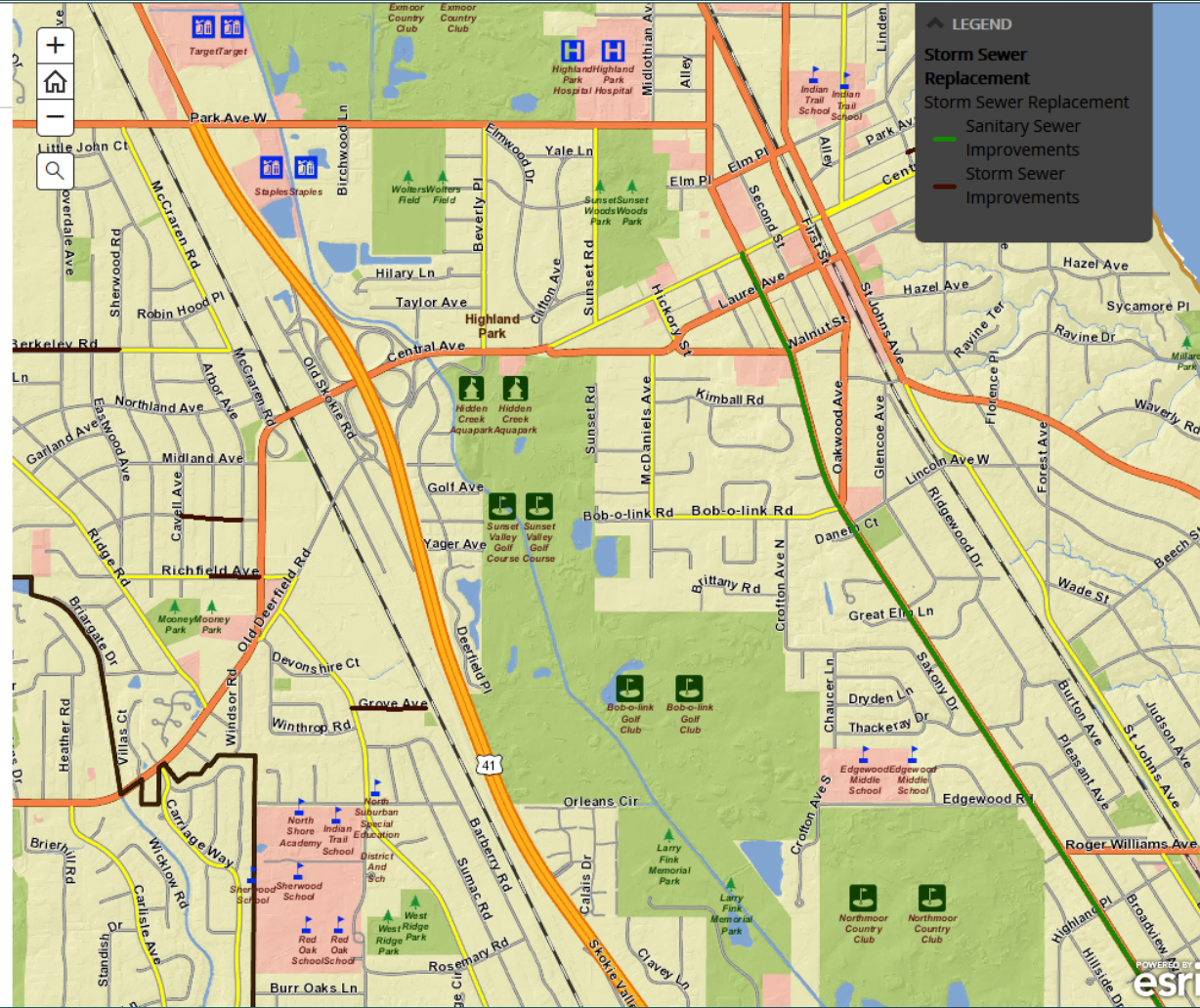
Capital Improvement Projects

Grove Avenue - Ridge Road to East End

City contact: Karen Starks, 847.926.1180

The project includes the re-grading of roadside swales and installation of new pipe culverts under driveways along Grove Avenue. The proposed improvements and will address standing/pooling water in the parkway and enhance conveyance of storm water runoff which improves drainage. Other improvements include reconstruction of the existing pavement with a full depth asphalt pavement and new flat concrete curbs at the edge of the new pavement. The flat concrete curb will help hold the asphalt edge in place which extends the pavement life.

Construction is complete.

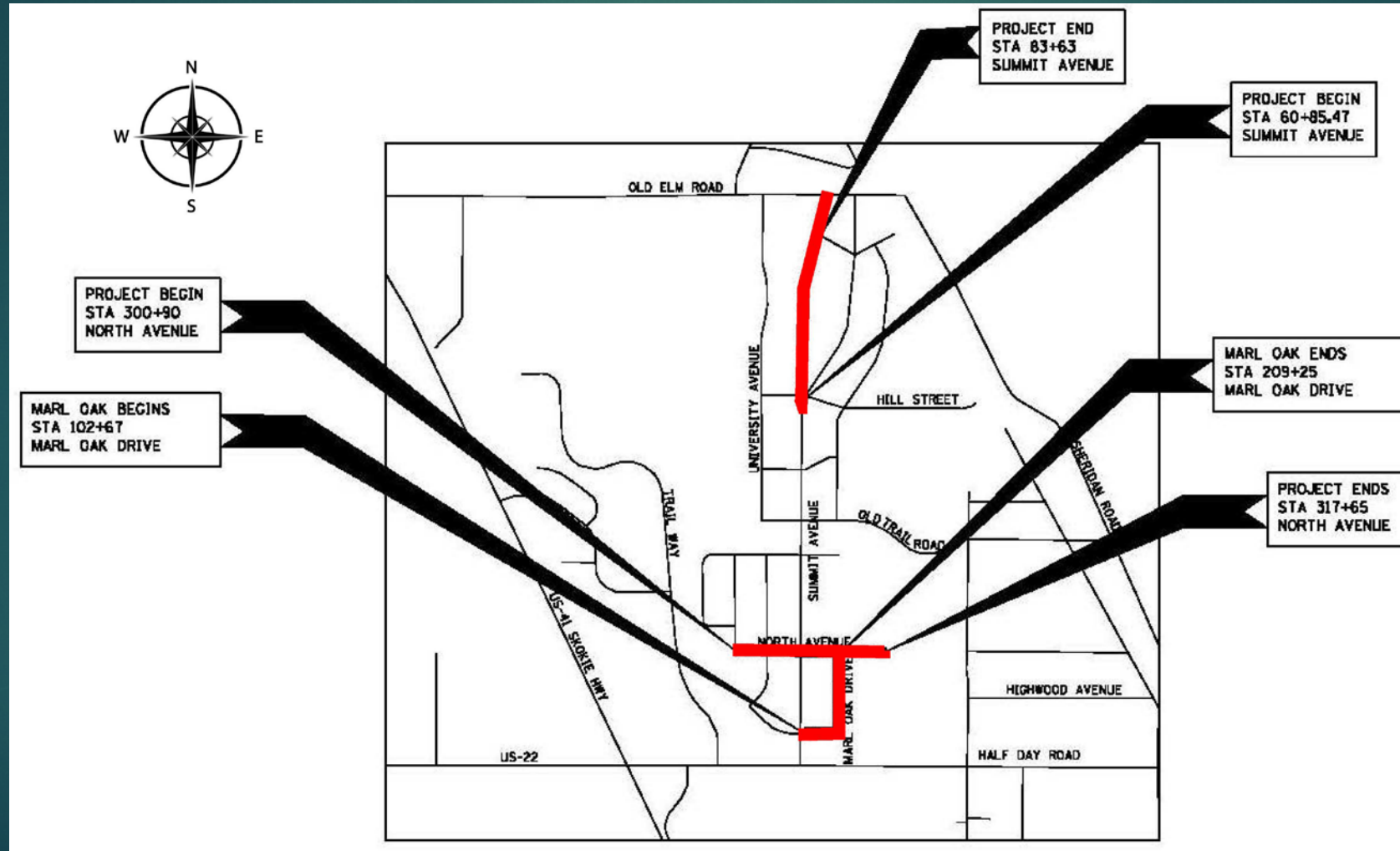


CITY WEBSITE

www.cityhpil.com/construction

SUMMIT AVENUE, NORTH AVENUE, MARL OAK DRIVE

ONE CONTRACT – THREE (3) LOCATIONS
(MARL OAK DRIVE – ALTERNATE BID ITEM)

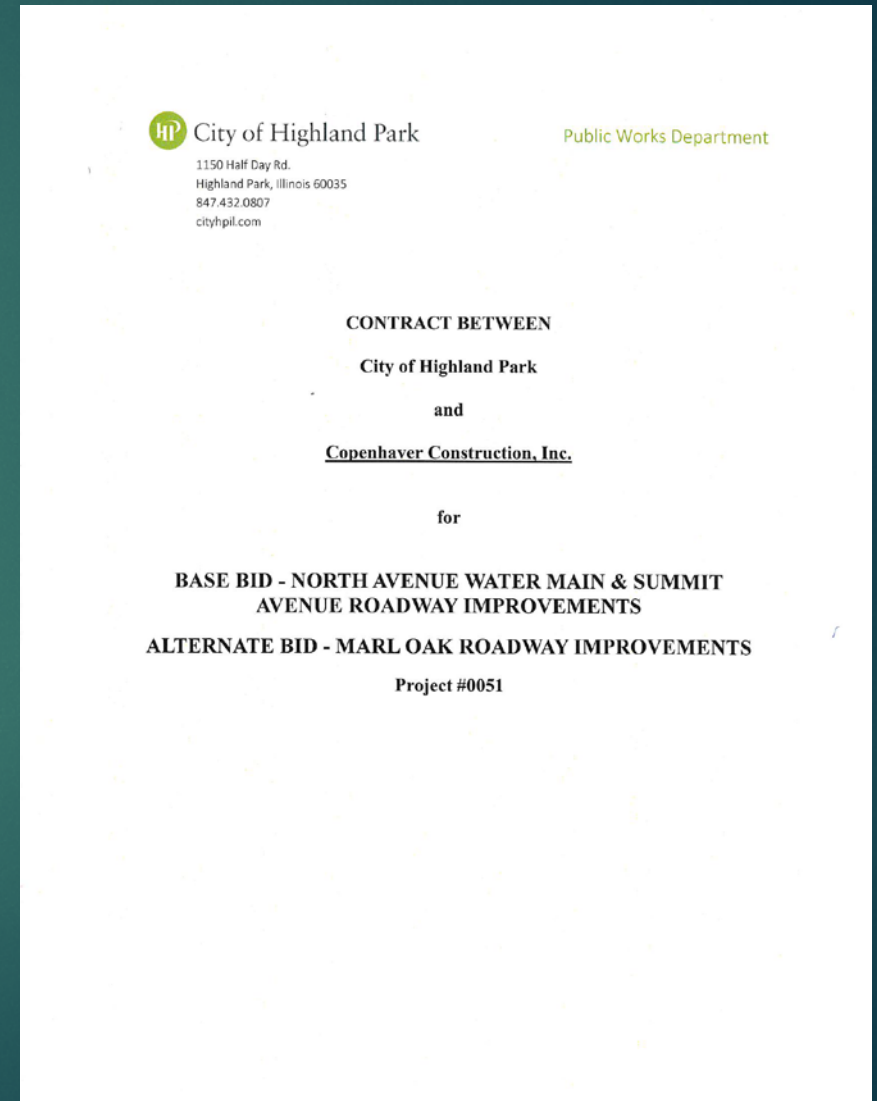


SUMMIT AVENUE, NORTH AVENUE, MARL OAK DRIVE

- STARTED DESIGN
 - January 2018
- OPEN HOUSE MEETING
 - Summit/North Ave on February 21, 2018
 - Marl Oak Dr on March 22, 2018
- COMPLETED DESIGN
 - May 2018
- BID OPENING
 - June 14, 2018
 - Copenhaver Construction, Inc. –Contract Total \$1,392,666
- COUNCIL APPROVAL
 - July 9, 2018

SUMMIT AVENUE, NORTH AVENUE, MARL OAK DRIVE

- NOTICE OF AWARD TO CONTRACTOR
 - July 10, 2018
- FULLY EXECUTED CONTRACT TO CONTRACTOR
 - July 25, 2018
- MEETING TO DETERMINE WORK IN AREA OF NORTHWOOD SCHOOL
 - July 20, 2018
- PRE-CONSTRUCTION MEETING
 - July 23, 2018
- START OF MAIN CONSTRUCTION
 - September 5, 2018
 - EXCAVATION FOR WATER MAIN INSTALLATION
- COMPLETE DATE (PER CONTRACT)
 - October 26, 2018



SUMMIT AVENUE, NORTH AVENUE, MARL OAK DRIVE

DURING CONSTRUCTION-UNFORESEEN CONDITIONS



OPEN TRENCH

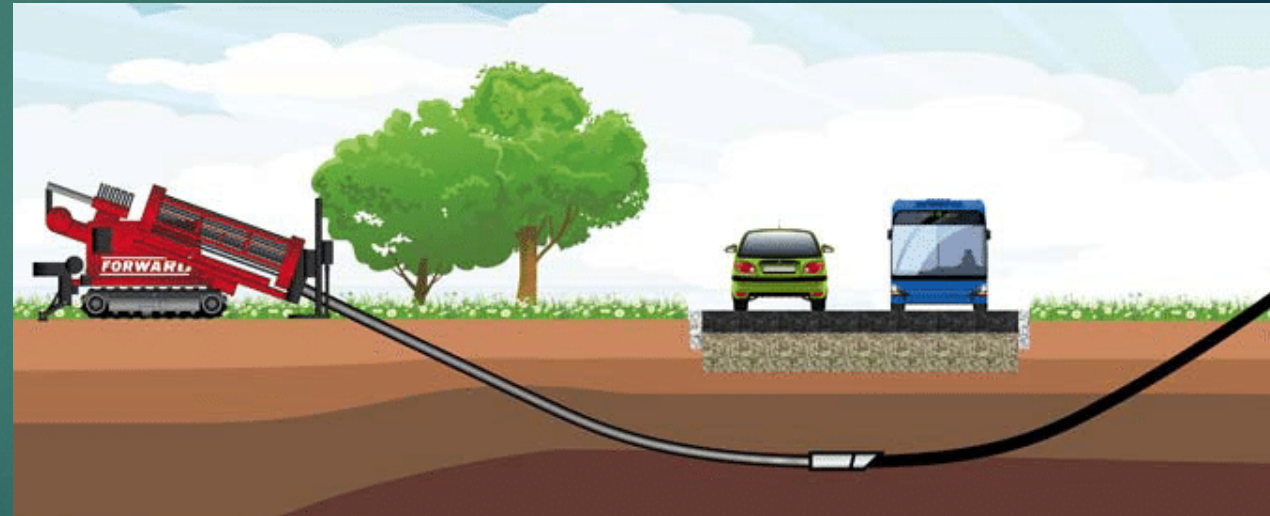


DIRECTIONAL DRILLING

SUMMIT AVENUE, NORTH AVENUE, MARL OAK DRIVE

UNFORESEEN CONDITIONS

- Sandy, Wet Soil Conditions
- Develop an alternate plan for construction
 - Open Cut to Directional Boring
 - Minimal Impact to Residents
 - Critical Path Delayed



SUMMIT AVENUE, NORTH AVENUE, MARL OAK DRIVE

- SUBSTANTIAL COMPLETION DATE –DECEMBER 11, 2018
- SPRING 2019 FOLLOW UP
 - NO IMPACT TO TRAFFIC
 - PARKWAY RESTORATION
 - MINOR PUNCH-LIST CORRECTIONS
 - MISC. REPAIRS

2019 AND BEYOND

CONTRACT COMMUNICATION ENHANCEMENTS

- **CRITICAL PATH PROJECT MILESTONES**
 - ADDITIONAL LIQUIDATED DAMAGE BY MILESTONE
 - LIMIT NUMBER OF DAYS FOR DRIVEWAY INACCESSIBILITY
 - START OF PAVING WORK AFTER UNDERGROUND WORK
 - PLACE ASPHALT WITHIN ONE WEEK OF GRINDING
 - LIQUIDATED DAMAGES BY PROJECT MILESTONES
- **PROJECT TIMING**
 - BID ITEMS IN EARLY SPRING
 - COORDINATE WITH SCHOOLS, BUSINESS/ORGS & SISTER AGENCIES
 - COORDINATE WITH POLICE FOR TRAFFIC CONTROL
 - IMPROVE WEEKLY PROGRESS MEETING WITH CONTRACTOR
- **ABOVE REVISIONS MAY RESULT IN HIGHER BID PRICES**

2019 AND BEYOND

CONTRACT COMMUNICATION ENHANCEMENTS

- **RESIDENT COMMUNICATION**

- OPEN HOUSE LETTER-COLLECT EMAILS
- ELECTRONIC CHANGEABLE MESSAGE SIGNS
- ENEWS BLASTS
- MAJOR PROJECTS- USE SOCIAL MEDIA
- IF DELAYED, FOLLOW UP LETTER
- EMAIL LIST
- CITY WEBSITE- INTERACTIVE MAP UPDATES
- DOOR TO DOOR VISITS BY STAFF
- ENHANCE TRAFFIC CONTROL COORDINATION WITH POLICE, GOVRNMTS. & ORGS.

MAJOT PROJECTS PLANNED IN 10-yr CIP HIGHLANDS NEIGHBORHOOD

- Included In 10-yr Capital Plan
- Projects Prioritized and Budgeted Annually
- Tentative List
 - University Ave Resurfacing Project (Old Elm Rd to Old Trail)
 - Summit Ave Watermain and Resurfacing Project (Krenn Ave to Half Day Rd)
 - Hill St Resurfacing Project (Brook Ave to Western Ave)
 - New Sidewalk (Upon Receiving Residents Approval)
 - University Ave (Hill St to Old Elm)
 - Krenn Ave (Old Elm to Hyacinth)
 - Hyacinth (University to Dato)
 - Old Trail (Western to Greenwood)

CONTRACT SPECIFICATIONS REVISIONS SUMMARY

2019 AND BEYOND ON MAJOR PROJECTS

- **ENHANCE COMMUNICATION**

- To Residents
- To Contractor
- Social Media

- **ON-SITE COMMUNICATION- MESSAGE BOARD**

- Major Projects

- **CONTRACT SPECIFICATIONS- PROJECT TASK MILESTONES**

- Tracking Progress
- Liquidated Damages



Highland Park, IL

QUESTIONS?