

APRIL 24, 2023



# KLEIN CREEK STREAMBANK STABILIZATION SECTION III

PARK DISTRICT PRESENTATION



# SCOPE OF WORK – HIGH LEVEL OVERVIEW



Permeable  
Parking Lot

Improved  
Sledding Hill

Floodplain  
Storage

Proposed  
Wetland

Proposed  
Culvert & Path

Proposed  
Wetland

Floodplain  
Storage

Retaining  
Wall

Floodplain  
Storage

Proposed  
Wetland

Retaining  
Wall



# KLEIN CREEK STREAMBANK STABILIZATION SECTION III: MITCHELL LAKES TO ILLINI DR. CAROL STREAM, ILLINOIS

- INDEX TO DRAWINGS
- 1 COVER
  - 2 CONSTRUCTION STAIRWAY/ACCESS PLAN
  - 3 QUANTITIES, I/FORD
  - 4-41 EXISTING CONDITIONS/ENCLOSURE PLAN
  - 7-16 PLAN AND PROFILES
  - 11 SLED HILL GRADING PLAN
  - 12-24 CROSS SECTIONS
  - 30-32 SWPPP
  - 33 SWPPP NOTES
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  - 40-41 STABILIZATION DETAILS
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LOCATION MAP

PREPARED FOR:  
**VILLAGE OF CAROL STREAM**  
 500 N. GARY AVENUE  
 CAROL STREAM, ILLINOIS 60186  
 PHONE: (630) 871-8220

**ENGINEER:**  
 W.B. KLEIN, P.E.  
 W.B.K.E. ENGINEERING, INC.  
 2071 WEST 112TH STREET, SUITE 100  
 LAWRENCEVILLE, GEORGIA 30046  
 PHONE: (770) 962-9656  
 FAX: (770) 962-9657  
 WWW.WBKE.COM

**PROJECT:**  
 KLEIN CREEK STREAMBANK STABILIZATION  
 SECTION III: MITCHELL LAKES TO ILLINI DR.  
 CAROL STREAM, ILLINOIS  
 PROJECT NO. 19-0232



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Call before  
you dig  
**800.892.0123**

# CONTRACT PLANS

A BASE OPTION PLUS 3 "A LA CARTE UPGRADES"

ARMSTRONG PARK - NORTH PARKING LOT					
2.39	PERMEABLE PAVER PARKING LOT	LS	1		
ALT01	EXTEND PERMEABLE PAVING	LS	1		
ALT02	EXTEND 5' CONCRETE SIDEWALK	LS	1		
ALT03	PERMEABLE PAVING BUMP-OUT	LS	1		
<b>TOTAL BID OPTION PRICE</b>					



## SITE IMPROVEMENT PLANS FOR ARMSTRONG PARK NORTH PARKING LOT CAROL STREAM, IL WBK PROJECT NO. 19-0232

**FOR BID ONLY**

**PLAN LEGEND**

EXISTING	EXISTING	PROPOSED
Existing Pavement	Existing Sidewalk	Proposed Pavement
Existing Utility	Existing Erosion Control	Proposed Erosion Control
Existing Streambank	Existing Planting	Proposed Planting
Existing Access	Existing Signage	Proposed Signage
Existing Wall	Existing Fence	Proposed Wall/Fence
Existing Structure	Existing Structure	Proposed Structure
Existing Utility	Existing Utility	Proposed Utility
Existing Erosion Control	Existing Erosion Control	Proposed Erosion Control
Existing Planting	Existing Planting	Proposed Planting
Existing Signage	Existing Signage	Proposed Signage
Existing Wall/Fence	Existing Wall/Fence	Proposed Wall/Fence
Existing Structure	Existing Structure	Proposed Structure
Existing Utility	Existing Utility	Proposed Utility
Existing Erosion Control	Existing Erosion Control	Proposed Erosion Control
Existing Planting	Existing Planting	Proposed Planting
Existing Signage	Existing Signage	Proposed Signage
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Existing Signage	Existing Signage	Proposed Signage
Existing Wall/Fence	Existing Wall/Fence	Proposed Wall/Fence
Existing Structure	Existing Structure	Proposed Structure
Existing Utility	Existing Utility	Proposed Utility
Existing Erosion Control	Existing Erosion Control	Proposed Erosion Control
Existing Planting	Existing Planting	Proposed Planting
Existing Signage	Existing Signage	Proposed Signage
Existing Wall/Fence	Existing Wall/Fence	Proposed Wall/Fence
Existing Structure	Existing Structure	Proposed Structure
Existing Utility	Existing Utility	Proposed Utility



LOCATION MAP

**REVISIONS:**  
 1. EXTEND PERMEABLE PAVING TO MATCH EXISTING PERMEABLE PAVING  
 2. ADD 5' PER SIDEWALK TO THE NORTH SIDE OF THE PERMEABLE PAVING  
 3. SLED PERMEABLE PAVING (VEHICLE BUMP-OUT) ON THE EAST SIDE OF THE LOT

**SHEET INDEX**

#	TITLE	DESCRIPTION
1	COVER SHEET	
2	QUANTITIES	
3	EXISTING CONDITIONS/ENCLOSURE PLAN	
4	PLAN AND PROFILES	
5	GRADING PLAN	
6	PLANTING PLAN	
7	PERMEABLE PAVING PLAN	
8	EROSION CONTROL PLAN	
9	SWPPP	
10	SWPPP NOTES	

**REVISIONS:**

NO.	DATE	DESCRIPTION	BY	CHECKED
1	08/14/2019	ISSUE FOR BIDDING	W.B. KLEIN	

**CLIENT:**  
 CAROL STREAM-PARK DISTRICT  
 500 N. LEO ROAD  
 CAROL STREAM, IL 60186  
 630.764.8730

**CIVIL ENGINEER:**  
 W.B. KLEIN, P.E.  
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WBK ENGINEERING, LLC  
 148 WEST MAIN STREET, SUITE 100, ST. CHARLES, IL 60304  
 P. 630.881.7710 F. 630.881.8013 WWW.WBKEENGINEERING.COM  
 PROFESSIONAL DESIGN FIRM NO. 044-091217  
 EXPIRATION DATE 08/14/2021

**7th**  
**KLEIN**  
 CALL JULIE, 1-800-892-0123  
 48 HOURS BEFORE YOU DIG

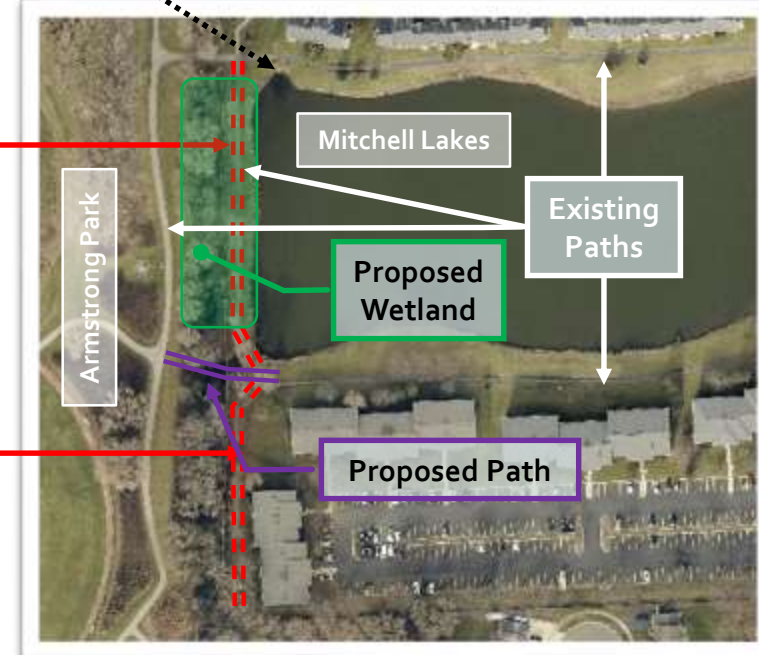
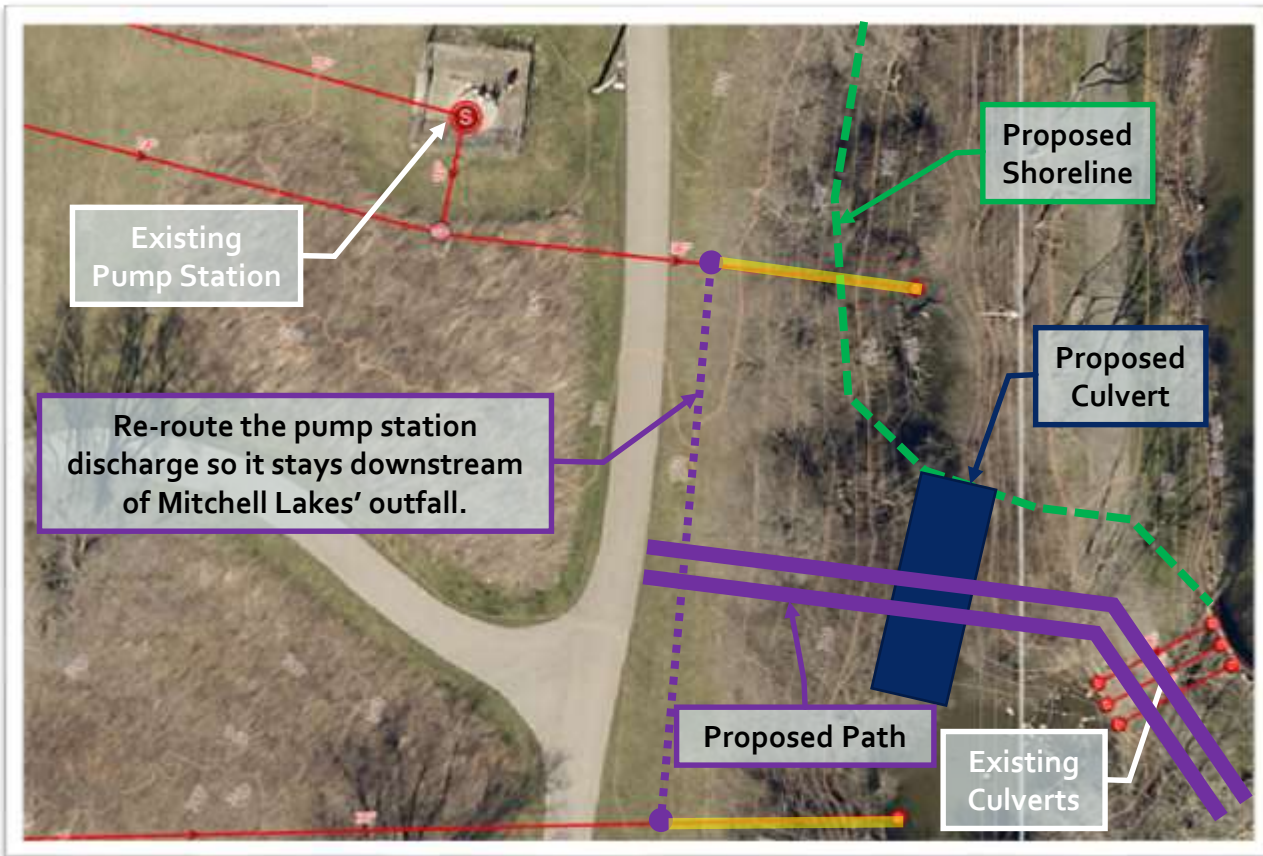
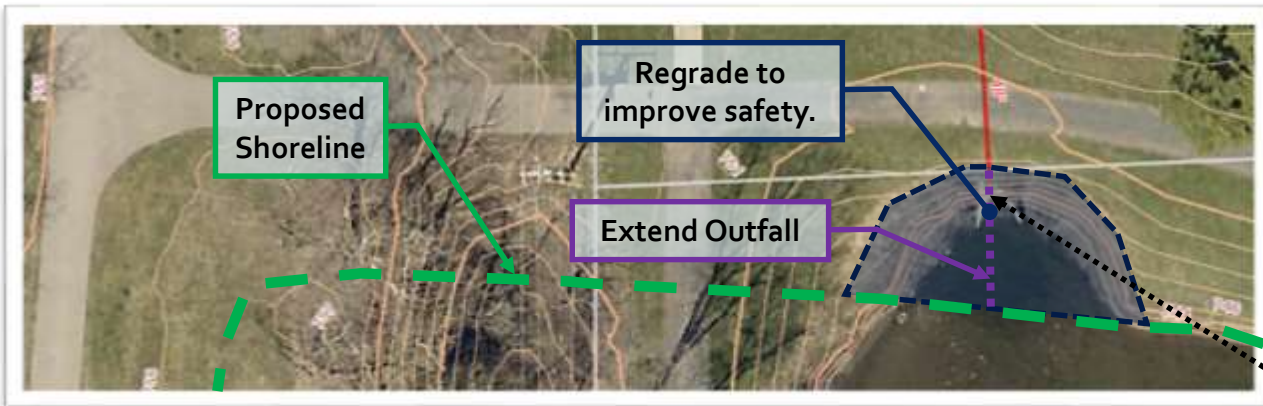
**FOR BID ONLY**

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ARMSTRONG PARK NORTH PARKING LOT  
 BID AS PERMITTED PLAN

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# MITCHELL LAKES – STORM SEWERS & PATH RECONSTRUCTION



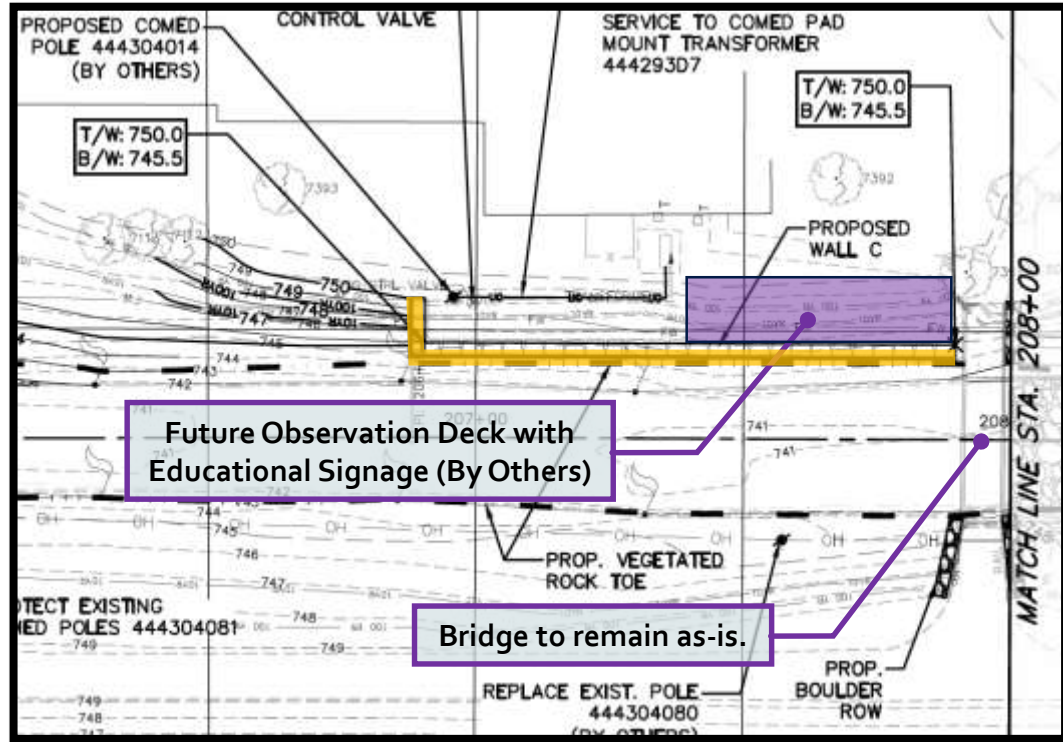
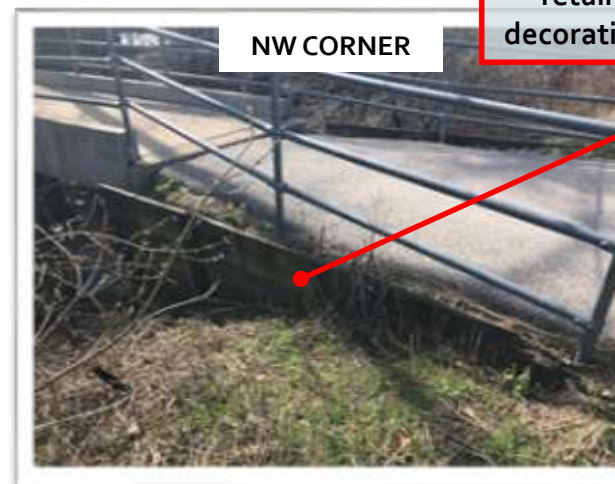
# PRECAST MODULAR RETAINING WALL CAROL STREAM PUBLIC LIBRARY



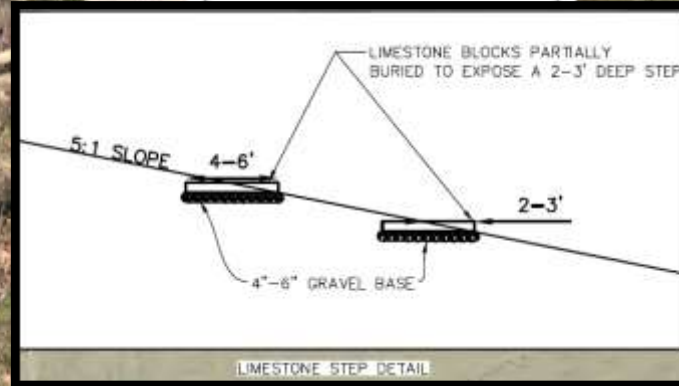
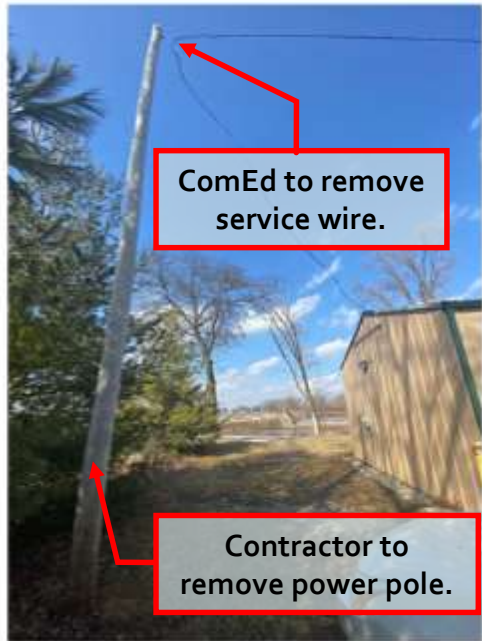
CAROL STREAM PARK DISTRICT'S  
PEDESTRIAN BRIDGE @ LIBRARY

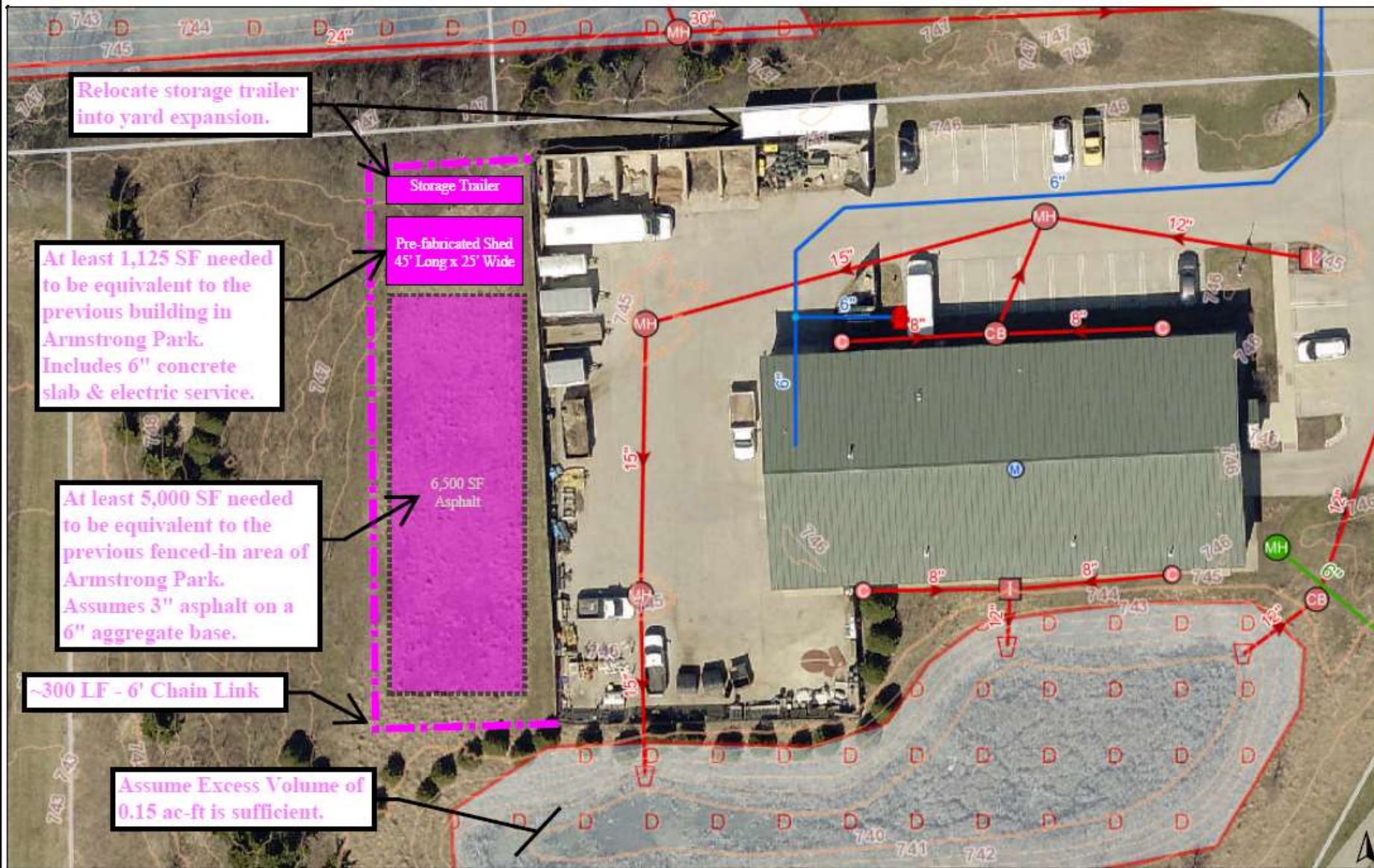


Replace timber retaining wall with decorative boulder wall.



# DEMOLISH MAINTENANCE BUILDING & APPURTENANCES





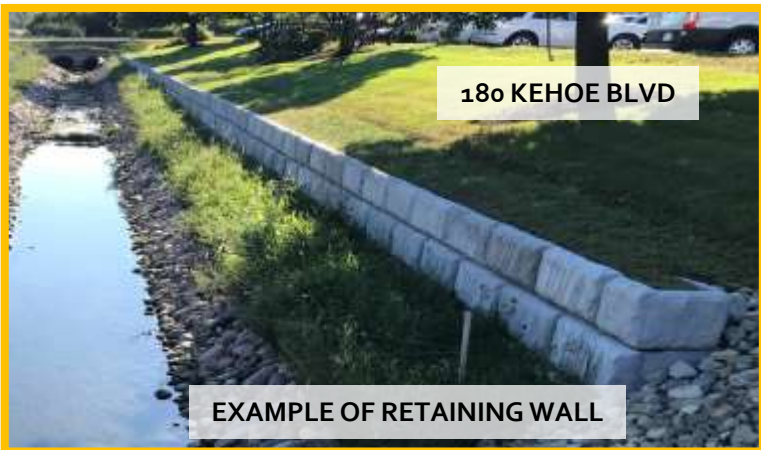
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Notes

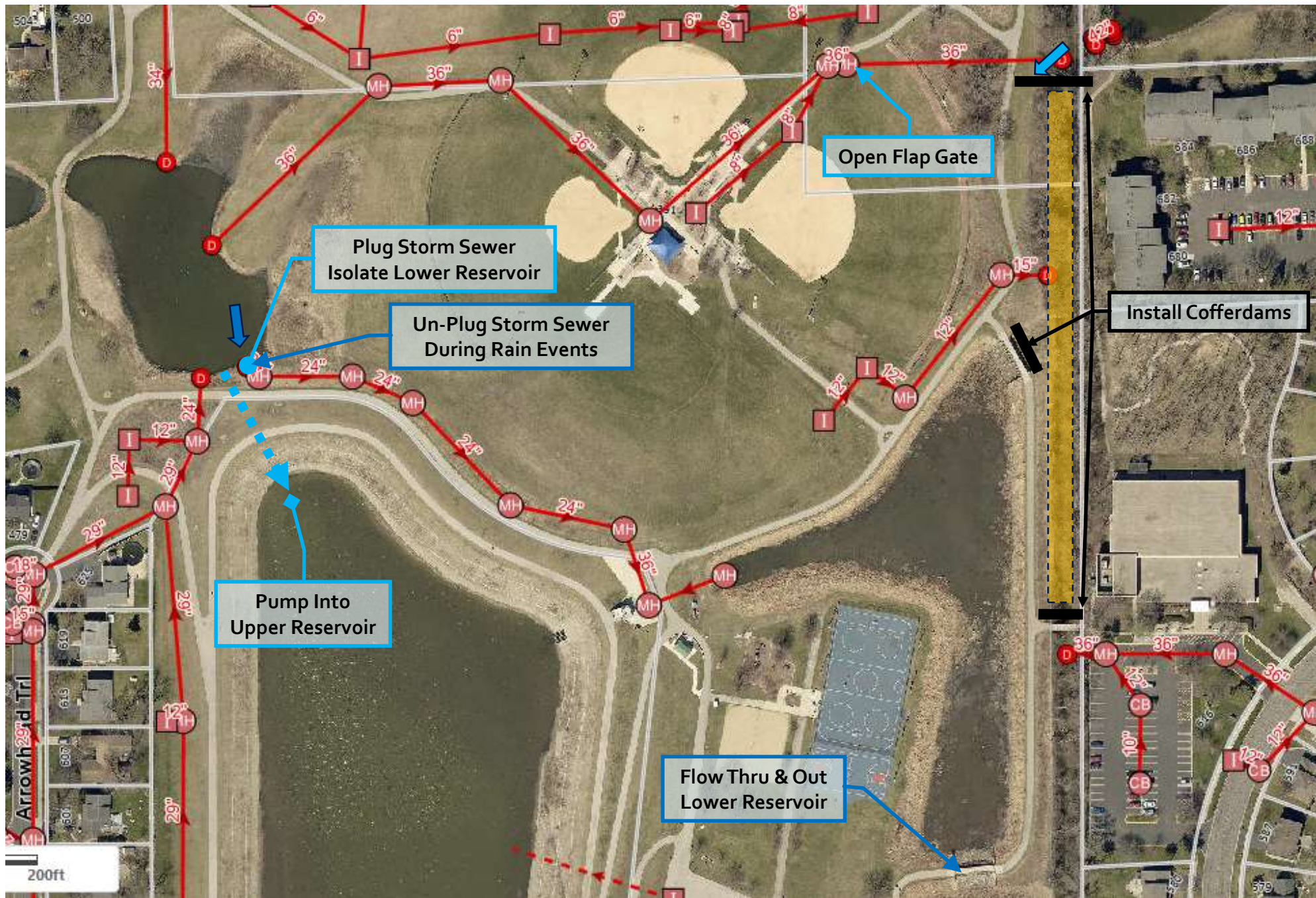
# EXHIBIT A

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

# PRECAST MODULAR RETAINING WALL NORTH OF ILLINI DRIVE



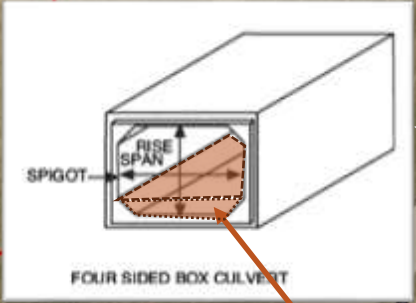
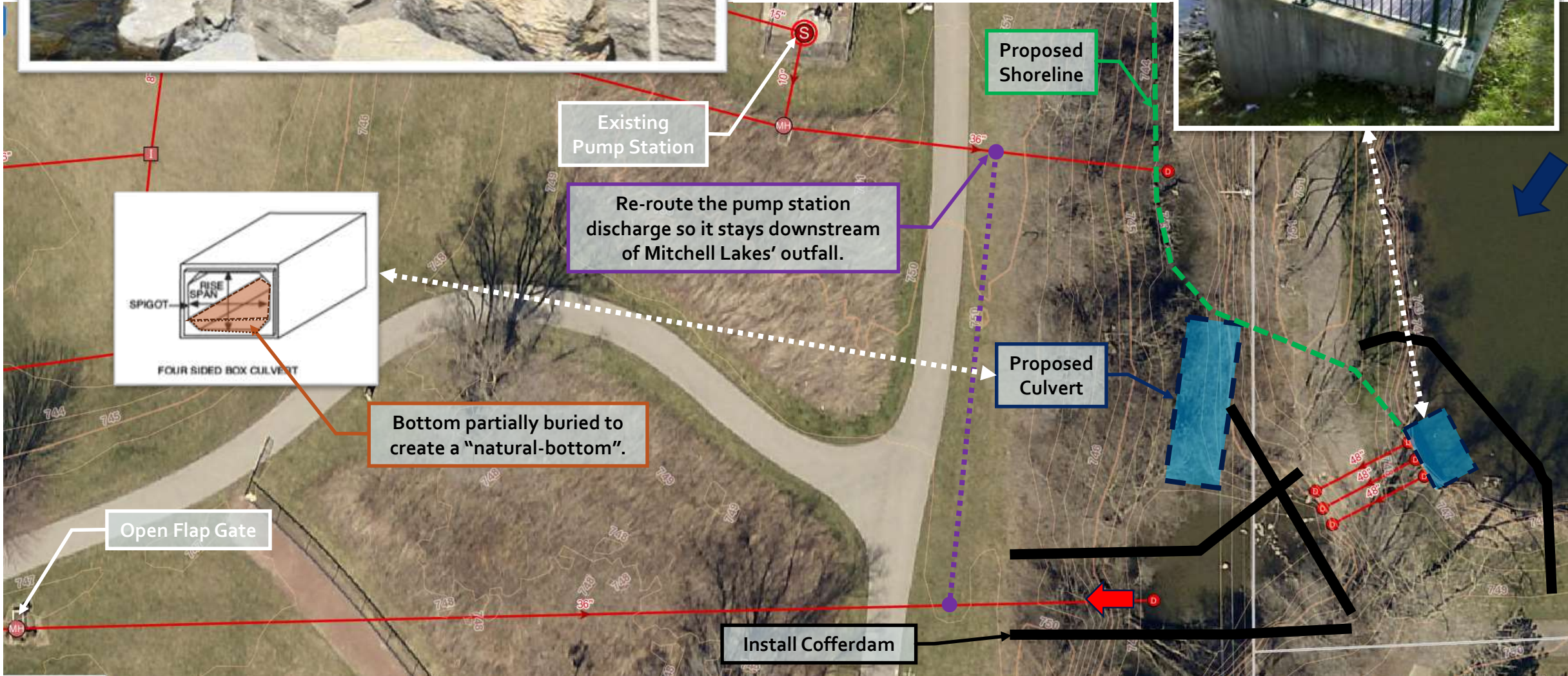




# MITCHELL LAKES – OUTFALL RECONSTRUCTION



The Limestone Outcroppings (Bid Item 2.20) on the upstream and downstream ends of the reconstructed outfall shall be constructed for later use as a pier for recreational fishing or seating area.



Bottom partially buried to create a "natural-bottom".

Open Flap Gate

Install Cofferdam

Proposed Culvert

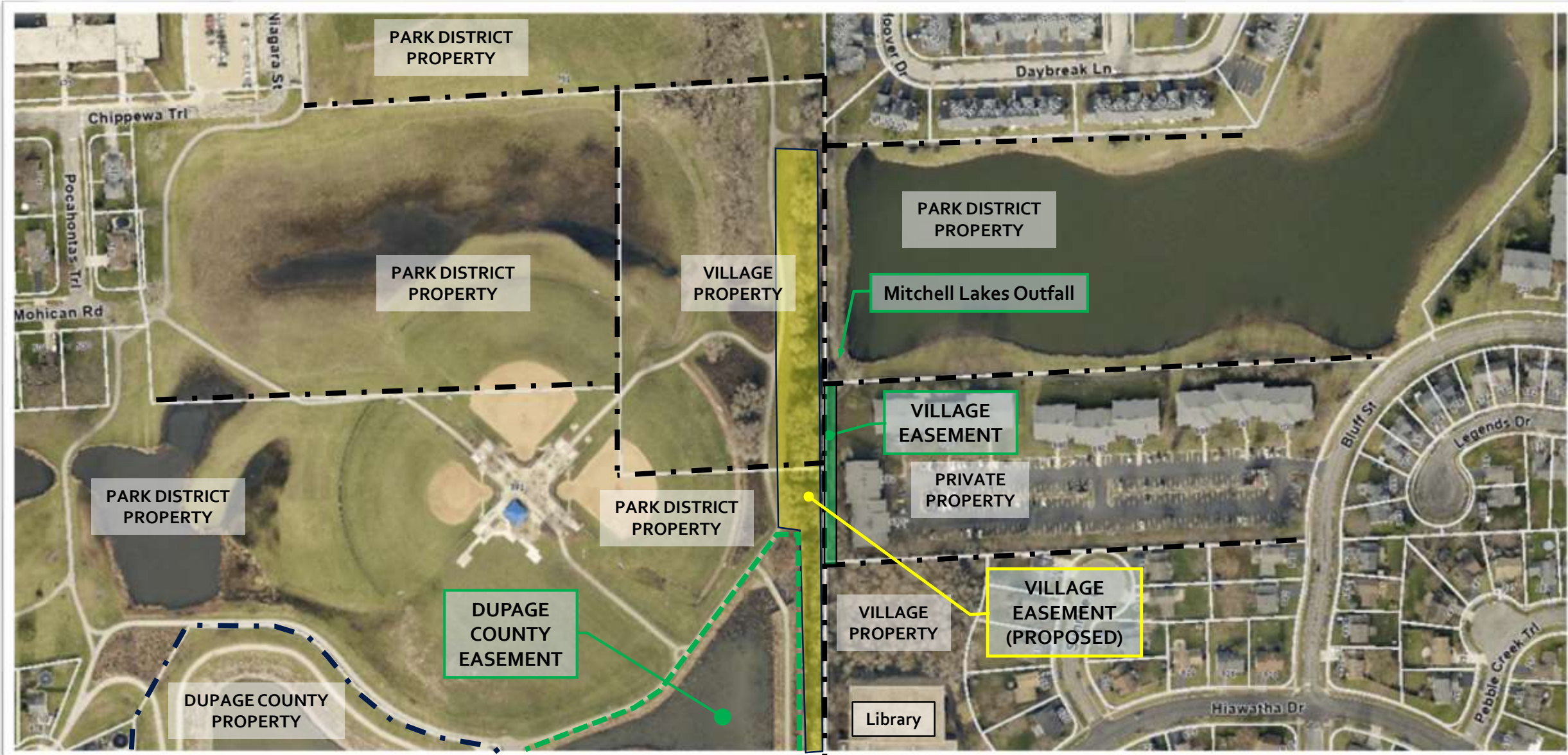
Existing Pump Station

Proposed Shoreline

# PROPERTY OWNERSHIP – NORTH END OF SECTION III



# PROPERTY OWNERSHIP – MIDDLE OF SECTION III



# PROPERTY OWNERSHIP – SOUTH END OF SECTION III



## CONTRACT AND OTHER ESTIMATED DATES

DATE	EVENT
March 15, 2023	<del>Q&amp;A Period Closes</del>
March 17, 2023	<del>Bids Due at 3:00 PM CDT (Online Only—via Zoom)</del>
April 10, 2023	<del>Park District Board of Commissioners' Meeting—Award of Option &amp; Alternate(s)</del>
April 17, 2023	<del>Village Board of Trustees' Meeting</del>
May 8, 2023 (est.)	Park District Board of Commissioners' Meeting – Intergovernmental Agreement
May 15, 2023 (est.)	Village Board of Trustees' Meeting – Intergovernmental Agreements
June 6, 2023 (est.)	DuPage County Stormwater Committee Meeting – Intergovernmental Agreement
Mid-June, 2023	ComEd Pole & Overhead Relocation Complete (AT&T or Comcast – N/A)
April 30, 2024	Contract Deadline: Planting Woody Plants
May 31, 2024	Contract Deadline: Seeding
May 31, 2024	Contract Deadline: Planting Perennial Plants
May 31, 2024	Contract Deadline (Option): Armstrong Park – North Parking Lot (WQIP Deadline)
July 3, 2024	Substantial Completion
January 25, 2027	Contract Deadline: Ecological Management



