

**PUBLIC WORKS COMMITTEE MEETING
MONDAY, MARCH 20, 2023 – 5:00 P.M.
CITY HALL – COUNCIL CHAMBERS CONFERENCE ROOM BEHIND DAIS
MINUTES**

I. ROLL CALL/CALL TO ORDER

Chairman Preschlack called the meeting to order at 5:00 P.M. Aldermen Nancy Novit and Ted Notz were in attendance.

Staff attending the meeting included Michael Thomas, Director of Public Works; Dan Martin, Superintendent of Public Works; Byron Kutz, Superintendent of Engineering; Chuck Myers, Superintendent of Parks and Forestry and Bernard Pondexter, Engineering Assistant.

Also in attendance was Dave Kraft, Hey & Associates Principal Civil Engineer.

II. NEW BUSINESS / ACTION ITEMS

1. APPROVAL OF THE MARCH 6, 2023 PUBLIC WORKS COMMITTEE MEETING MINUTES

Alderman Notz moved to approve the March 6, 2023 Public Works Committee meeting minutes. Alderman Novit seconded the motion, which carried unanimously.

2. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR THE FOREST PARK BLUFF STABILIZATION PROJECT

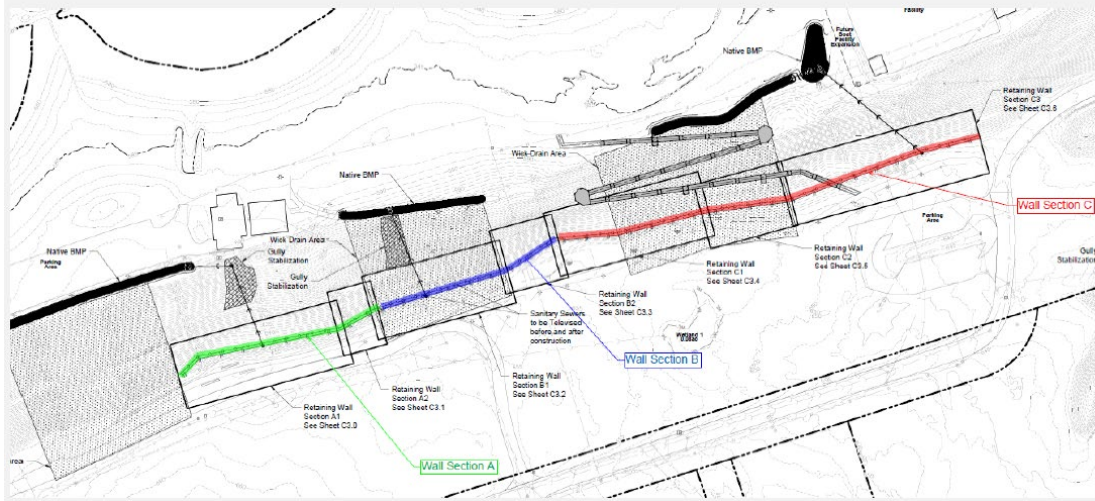
Superintendent Kutz, Director Thomas, and Dave Kraft reviewed the below summary presentation slides on the topic.

FOREST PARK BLUFF & BOARDWALK BACKGROUND

Date	Milestone
November 12, 2019	Bluff pre-design funding approved by Finance Committee to further evaluate remaining bluff areas
May 4, 2020	City Council approved bluff pre-design with Hey & Associates
November 9, 2020	Finance Committee reviewed pre-design findings and approved design funding
April 19, 2021	City Council approved bluff design with Hey & Associates
November 8, 2021	FY23 project construction budget of \$3.5 million approved by Finance Committee
June 2022	Hey & Associates completes project design
July 19, 2022	Project bid opening #1; all bids rejected
August 16, 2022	Project bid opening #2; all bids rejected
August 22, 2022	Public Works Committee reviewed bids; recommended re-evaluation of project budget
November 14, 2022	Finance Committee project status update
February 23, 2023	Project bid opening #3

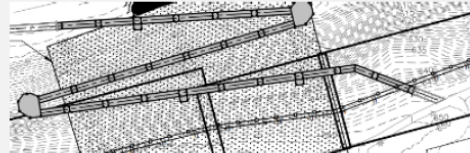


FOREST PARK BLUFF DESIGN BACKGROUND



BOARDWALK DESIGN BACKGROUND

- Original boardwalk removed in 2018 after concerns with structural integrity
- On April 4, 2022, City Council approved a design agreement with Hey & Associates for the boardwalk
- Timing of design approval allowed for the boardwalk to be incorporated into the bluff project
- A donor has indicated interest to partially fund the boardwalk
- Design completed June 2022 (both bluff and boardwalk)
- Feb 23, 2023 bids exceeds available public and private funding (next slide)



FOREST PARK BLUFF & BOARDWALK BIDS

- Bid opened February 23, 2023

Firm	Base Bid Amount (Capital Fund)	Sanitary Lining Bid Amount (Water Fund)	Full Boardwalk Bid Amount (Park Public Land)	Boardwalk Foundations Only Bid Amount (Park Public Land)
FY24 City Budget	\$4,950,000	-	Budget Priority 5	
John Keno & Company, Inc.	\$4,601,120	\$117,901.00	\$2,727,093.00	\$496,054
V3 Construction Group	\$6,229,204	\$110,370.00	\$3,391,076.00	\$797,400
Hoerr Construction, Inc., (quote from MPI contractor)	N/A	\$64,570	N/A	N/A

- Boardwalk cost details (next slide)



BOARDWALK COSTS

- Boardwalk bid \$2,727,093; with 10% contingency (\$2,999,803) exceeds available public funding (\$1,335,950)
- Initial private-donor conversations have occurred
- November Finance Committee direction to fundraise for remaining amount (Would need to re-bid boardwalk)
- Staff recommendation is to install the boardwalk concrete foundations now with this project (\$496,054)
 - Concrete foundation costs will most likely increase if built later as not part of this project
 - Installing the foundations now with this project:
 - Utilizes specialized equipment already mobilized for the bluff wall
 - Minimizes disruption if boardwalk structure installed later

FOREST PARK BLUFF & BOARDWALK– AWARD OF BID

Funding Source	Project Component	Cost	Contractor
Capital Fund \$4,950,000	Construction Inspection Services	\$45,000	Hey and Associates, Inc.
	Bluff monitoring (Year 1 of 3)	\$11,565	
	Sub-Total Capital Fund (Const. Inspection and Monitoring)	\$56,565	
	Base project (\$4,601,120 less portion of B-I wall protecting sanitary lines)*	\$4,380,218	John Keno & Company, Inc.,
	Sub-Total Capital Fund +10% Contingency (Construction)	\$4,818,239.80	
	Total Capital Fund	\$4,874,804.80	
Park and Public Land	Installation of Boardwalk foundations	\$496,054	John Keno & Company, Inc.,
	Total Park and Public Land +10% Contingency	\$545,659.40	
Water Fund	Section B-I Wall (that protects sanitary lines)*	\$220,902	John Keno & Company, Inc.,
	Sub-Total Water Fund +10% Contingency (Section B-I Wall)	\$242,992.20	
	Sanitary Lining	\$64,570	Hoerr Construction, Inc.,
	Sub-Total Sanitary Lining+10% Contingency	\$71,027	
	Total Water Fund	\$314,019.20	
*Note: Total Cost of Section B-I Wall= \$441,804; half (\$220,902) is being funded from the Water Fund			
GRAND TOTAL		\$5,734,484	

- Action Requested: PW Committee recommends Approval of Construction Inspection and Bluff Monitoring Services for the Forest Park Bluff Slope Stabilization Project to Hey and Associates, Inc., in the Amount of \$56,565, and Authorize the City Manager to Execute an Agreement with Two Additional One-Year Bluff Monitoring Renewals in the Amount of \$11,565 Per Year
- Action Requested: PW Committee recommends City Council award of the low bid for the Forest Park Bluff Slope Stabilization Project to John Keno & Company, Inc., and Authorize the City Manager to Execute an Agreement in the Amount of \$5,097,174 and a 10% Construction Contingency in the Amount of \$509,717.40, for a Total of \$5,606,891.40
- Action Requested: PW Committee Recommends City Council Award the Low Bid for the Forest Park Bluff Sanitary Lining to Hoerr Construction, Inc., and Authorize the City Manager to Execute an Agreement in the Amount of \$64,570 and a 10% Construction Contingency in the Amount of \$6,457, for a Total of \$71,027

The Committee, City staff, and Mr. Kraft discussed the designed wick drainage system, the overall failure risk of the bluff areas, the bluff monitoring process and the data that is collected, the anticipated construction schedule, project budget and funding, financing opportunities for the boardwalk, and ADA accessibility with the boardwalk.

Alderman Novit moved to recommend to City Council approval of construction inspection and bluff monitoring services for the Forest Park Bluff Slope Stabilization Project to Hey and Associates, Inc., in the amount of \$56,565, and authorize the City Manager to execute an agreement with two additional one-year bluff monitoring renewals in the amount of \$11,565 per year. Alderman Notz seconded the motion, which carried unanimously.

Alderman Novit moved to recommend to City Council award of the low bid for the Forest Park Bluff Slope Stabilization Project to John Keno & Company, Inc., and authorize the City Manager to execute an agreement in the amount of \$5,097,174 and a 10% construction contingency in the amount of \$509,717.40, for a total of \$5,606,891.40. Alderman Notz seconded the motion, which carried unanimously.

Alderman Notz moved to recommend to City Council award of the low bid for the Forest Park Bluff Sanitary Lining to Hoerr Construction, Inc., and authorize the City Manager to execute an agreement in the amount of \$64,570 and a 10% construction contingency in the amount of \$6,457, for a total of \$71,027. Alderman Novit seconded the motion, which carried unanimously.

3. **REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR THE FY24 SEWER LINING PROGRAM**


Superintendent Kutz reviewed the below summary presentation slide on the topic.


2023 SANITARY AND STORM SEWER LINING PROGRAM

- Annual project to repair cracked, leaking damaged sewer lines utilizing technique without disruptive excavation
- Process provides for the insertion of a special liner creating a new smooth-surfaced, long-lasting pipe within the old sewer.
- Contractor provided separate price for Bluff (see Bluff slide)

Fund	Project Component	Amount
Capital Fund	Storm Sewer	\$50,000
Water Fund	Sanitary Sewer	\$58,000
Total Budget		\$108,000

- First renewal (+3%) of the low-bid contractor from the Municipal Partnering Initiative (MPI – Highland Park and Mundelein)
- 1,155 feet proposed to be lined ranging from 8" to 21"





Action requested: PW Committee Recommends City Council Award the Low Bid for the 2023 Sewer Lining Program to Hoerr Construction, Inc., and Authorize the City Manager to Execute an Agreement in the Amount Not to Exceed \$108,000

The Committee and City staff discussed how pipes are identified and prioritized for lining.

Alderman Novit moved to recommend approval to City Council award of the low bid for the 2023 Sewer Lining Program to Hoerr Construction, Inc., and authorize the City Manager to execute an agreement in the amount not to exceed \$108,000. Alderman Notz seconded the motion, which carried unanimously.

III. **FY '24 CIP PROJECT SCHEDULE**

The Committee and City staff reviewed and discussed the below presentation slides.

CIP PROJECT SUMMARY CHART – CAPITAL FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Annual Pavement Resurfacing & Patching Program	Road	5%	May–September	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Crack Sealing Program	Road	5%	Late Summer	4/3 seeking PWC review and recommended approval to CC; 4/17 seeking CC approval.
Concrete Streets Repair	Road	5%	June–July	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval.
Annual Longline Striping Program	Road	0%	August	6/20 seeking PWC review and recommended approval to CC; 7/17 seeking CC approval.
Waukegan & Everett Intersection (Land Acquisition)	Road	5%	2023–2024	Applied for STP-Shared grant for land-acquisition, award notification is Fall 2023. Dates for PWC and CC is to be determined pending potential award of grant.
Waukegan & Westleigh Intersection (Land Acquisition)	Road	5%	2023–2024	7/17 seeking PWC review and recommended approval to CC; 8/7 seeking CC approval.
Concrete Sidewalk/Curb Replacement	Road / Sidewalk	5%	June–July	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval.
Deerpath Sidewalk Connectivity (41-Westmoreland)	Sidewalk	5%	TBD	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval. Coordinating with the hospital regarding easements.
Whispering Oaks Sidewalk Connections (SRTS) Design PH 2	Sidewalks	5%	Spring 2023 – Fall 2023	In-house staff performing phase I design, schedule for consulting out Phase II design is being determined.
McLennon-Reed Bridge Repairs – MFT Resolution	Bridge	0%	Spring 2024	11/20/23 seeking PWC review and recommended approval to CC; 12/4/23 seeking CC approval.
McLennon-Reed Bridge Repairs – Construction	Bridge	0%	Spring 2024	1/16/24 seeking PWC review and recommended approval to CC; 2/5/24 seeking CC approval.
Lake-Woodbine Bridge Reconstruction Design PH 2	Bridge	5%	Summer 2023–Fall 2024	4/3 seeking PWC review and recommended approval to CC; 4/17 seeking CC approval.
Elawa Parking Lot Resurfacing and Expansion – Design	Parking Lot	5%	Summer 2023–Fall 2023	Dates TBD pending coordination first with stakeholders.
Elawa Parking Lot Resurfacing and Expansion – Construction	Parking Lot	0%	Fall 2023 or Spring 2024	Dates TBD pending coordination first with stakeholders.
Forest Park Bluff Slope Stabilization	Forest Park	5%	September 18, 2023 – March 2024	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval. Construction to begin post labor day 2023 and will be completed prior to 2024 beach opening.

CIP PROJECT SUMMARY CHART – CAPITAL FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Gorton Community Center Patio & Drop in Center	Facility	5%	TBD	5/15 seeking PWC review and recommended approval to CC; 6/5 seeking CC approval. Staff presented project to HPC 1/25; project needs to return to HPC.
Public Safety Water Cooled Chiller Replacement	Facility	0%	Fall 2023	9/18 seeking PWC review and recommended approval to CC; 10/2 seeking CC approval.
Volwiler Carpet & Flooring Replacement	Facility	0%	Fall 2023	9/18 seeking PWC review and recommended approval to CC; 10/2 seeking CC approval.
Police Department Break Room Renovation	Facility	10%	March – May	2/6 PWC review and recommended approval to CC; 2/21 CC approved. Preconstruction meeting held 3/16.
ADA Transition Plan	Facilities / Right of Way / Parks	5%	April – July	4/17 seeking PWC review and recommended approval to CC; 5/1 seeking CC approval.
Rockefeller/McCormick/Loch Ravine Construction	Ravine	5%	May – September	4/17 seeking PWC review and recommended approval to CC; 5/1 seeking CC approval.
Washington Road Ravine Construction	Ravine	5%	May – September	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval.
Annual Storm Sewer Lining Program	Storm Sewer	5%	June–August	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Ahwahnee Road Storm Sewer Upgrade Construction	Storm Sewer	0%	December 2023–Summer 2024	11/20 seeking PWC review and recommended approval to CC; 12/4 seeking CC approval.
Beach Crane Replacement	Beach	10%	October	1/19 PWC review and recommended approval to CC; 2/6 CC approved. Alerted 1/30 that cranes are now 24 weeks out from delivery due to supply chain issues. Working with contractor and Parks & Rec staff on project timeline.

CIP PROJECT SUMMARY CHART – WATER FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Sir William Lane Watermain Replacement (Lawrence-Everett)	Water	5%	May 15 / June–August	3/6 seeking PWC review and recommended approval to CC; 3/20 seeking CC approval.
Membrane Module Replacement	Water	5%	May – June	2/6 PWC review and recommended approval to CC; 2/21 CC approval. Anticipate delivery & installation to begin in May.
Water Meter Replacement Project Design	Water	5%	June – September	5/15 seeking PWC review and recommended approval to CC; 6/5 seeking CC approval.
Annual Sanitary Sewer Lining Program	Sanitary	5%	June–August	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Manhole Lining and I&I Repairs Design	Sanitary	5%	Spring 2023–Summer 2023	4/17 seeking PWC review and recommended approval to CC; 5/1 seeking CC approval.
Manhole Lining and I&I Repairs Construction	Sanitary	5%	TBD	7/17 seeking PWC review and recommended approval to CC; 8/7 seeking CC approval.

The Committee and City staff discussed the Deerpath/Route 41 Pump Station Project.

IV. ASSET, INFRASTRUCTURE, & SERVICE HIGHLIGHTS

There were no discussions on Asset, Infrastructure, & Service Highlights.

V. BUDGET / HIRING / INNOVATION UPDATES

There were no discussions on Budget / Hiring / Innovation Updates.

VI. PUBLIC COMMENT

There was no Public Comment.

VII. NEXT MEETING

Director Thomas explained that the next meeting will be held prior to the next City Council meeting on April 3, 2023.

VIII. ADJOURNMENT

Alderman Notz moved to adjourn the meeting of the Public Works Committee at 5:51 P.M. Alderman Novit seconded the motion, which carried unanimously.

Respectfully submitted,

Jim Lockefeer Jr.
Assistant to the Director of Public Works