

**PUBLIC WORKS COMMITTEE MEETING
TUESDAY, APRIL 19, 2022 – 4:00 P.M.
REMOTE ACCESS MEETING – ZOOM
MINUTES**

I. ROLL CALL/CALL TO ORDER

Chairman Jim Preschlack called the virtual meeting to order at 4:08 P.M. Alderman Jennifer Karras was present. Alderman Notz joined the meeting at 4:10 P.M.

Chairman Preschlack stated that in accordance with state statute, he made the determination that it was not practical or prudent to schedule an in-person Public Works Committee meeting because of the COVID-19 pandemic, and therefore the meeting was being held remotely.

Staff virtually attending the meeting included Michael Thomas, Director of Public Works; Dan Martin, Superintendent of Public Works; Byron Kutz, Superintendent of Engineering and Jim Lockefer, Assistant to the Director of Public Works.

II. NEW BUSINESS / ACTION ITEMS

1. APPROVAL OF APRIL 6, 2022 PUBLIC WORKS COMMITTEE MEETING MINUTES

Alderman Karras moved to approve the April 6, 2022 Public Works Committee meeting minutes. Chairman Preschlack seconded the motion, which carried unanimously.

2. REVIEW OF VARIOUS PROJECT DESIGN BUDGETS (INFORMATION ONLY)

Director Thomas reviewed the below summary presentation slide on the topic.

VARIOUS PROJECT DESIGN BUDGETS

Project	Budget Amount	Low Bid	5% Contingency	Total	Budget Net
Ahwahnee Storm Sewer	\$ 200,000	\$ 241,000	\$ 12,050	\$ 253,050	\$ (53,050)
McLennon Reed Bridges	\$ 100,000	\$ 131,850	\$ 6,593	\$ 138,443	\$ (38,443)
Seminary Ravine	\$ 300,000	\$ 199,050	\$ 9,953	\$ 209,003	\$ 90,998
Rockefeller-McCormick-Loch Ravine	\$ 140,000	\$ 46,400	\$ 2,320	\$ 48,720	\$ 91,280
Rte. 60 Path Phase II*	\$ 60,000	\$ 132,909	\$ 6,645	\$ 139,554	\$ (79,554)
TOTALS**	\$ 800,000			\$ 788,769	\$ 11,231

*Project design is supported by \$48,000 ITEP funding that is reimbursable

**With contingency, project totals are under budget by \$11,231

Director Thomas explained that Superintendent Kutz and Assistant to the Director Lockefer will review each item in more detail.


3. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF THE ROCKEFELLER/MCCORMICK/LOCH RAVINE DESIGN

Assistant to the Director Lockefer reviewed the below summary presentation slide on the topic.




ROCKEFELLER/MCCORMICK/LOCH RAVINE DESIGN

- The design of repairs to City Storm Sewer infrastructure located in three upstream McCormick Ravine areas / adjacent to roadways
 - Designing all areas under one project due to their close proximity and similar repair work; 20% savings in construction costs
- All City Ravine designs incorporate sustainability components
 - Native plant material, slope stabilization, and stormwater flow dissipation
- Staff initiated RFP process; two proposals received

Firm	Bid \$
Gewalt Hamilton Associates	\$46,400
Hey and Associates, Inc.	\$104,895
- Staff reviewed proposals in detail; completed a follow up meeting with GHA that confirmed project scope understanding
- GHA has significant positive project experience with the City including prior ravine project design experience
- Project construction is listed as a Priority I in FY 24
- Action requested: PW Committee recommends City Council award design engineering services for the Rockefeller/McCormick/Loch Ravine Project to Gewalt Hamilton Associates., and authorize the City Manager to execute an agreement in the amount of \$46,400, to include a 5% contingency in the amount of \$2,320 for a total cost of \$48,720**



1. Rockefeller 2. McCormick



3. Loch

The Committee and City staff discussed the project budget, the difference in the proposal pricing received, the age of the City storm sewer infrastructure located in the project design areas, ravine best management design practices and the estimated useful life of completed repairs, City staff discussions in following up with Gewalt Hamilton Associates on their project scope understanding and proposal price, and past City ravine projects.

Alderman Notz moved to recommend approval to City Council award of design engineering services for the Rockefeller/McCormick/Loch Ravine Project to Gewalt Hamilton Associates and authorization of the City Manager to execute an agreement in the amount of \$46,400 to include a 5% contingency in the amount of \$2,320 for a total cost of \$48,720. Alderman Karras seconded the motion, which carried unanimously.

4. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF THE SEMINARY RAVINE IMPROVEMENTS DESIGN

Assistant to the Director Lockefer reviewed the below summary presentation slide on the topic.

SEMINARY RAVINE IMPROVEMENTS DESIGN

- The design of improvements to protect exposed City sanitary sewer / failing storm sewer outfalls throughout the ravine system adjacent to LF college
- This past summer a study / pre-design was completed to identify improvement options and recommendations
- Design scope includes design of all City identified ravine improvement areas and grant assistance services
- All City Ravine designs incorporate sustainability components
 - Native plant material, slope stabilization, and stormwater flow dissipation
- Staff initiated RFP process; two proposals received

Firm	Bid \$
Hey and Associates, Inc.	\$199,050
Gewalt Hamilton Associates	\$360,000

- H&A has significant positive project experience with the City; including successfully completing the 2021 Seminary Ravine Study / Pre-Design and other prior ravine project design experience
- Project construction to be completed in multiple phases over multiple years; seeking grant funding to support construction of highest priority areas (Priority 5 / FY23 – FY33)
- Action requested: PW Committee recommends City Council award design engineering services for the Seminary Ravine Improvements Project to Hey and Associates, Inc., and authorize the City Manager to execute an agreement in the amount of \$199,050 to include a 5% contingency in the amount of \$9,953 for a total cost of \$209,003**



The Committee and City staff discussed the project budget, the difference in the proposal pricing received, the completed project pre-design study, and City staff discussions in following up with Hey & Associates on their project scope understanding and proposal price.

Alderman Notz moved to recommend approval to City Council award of design engineering services for the Seminary Ravine Improvements Project to Hey and Associates, Inc., and authorize the City Manager to execute an agreement in the amount of \$199,050 to include a 5% contingency in the amount of \$9,953 for a total cost of \$209,003. Alderman Karras seconded the motion, which carried unanimously.

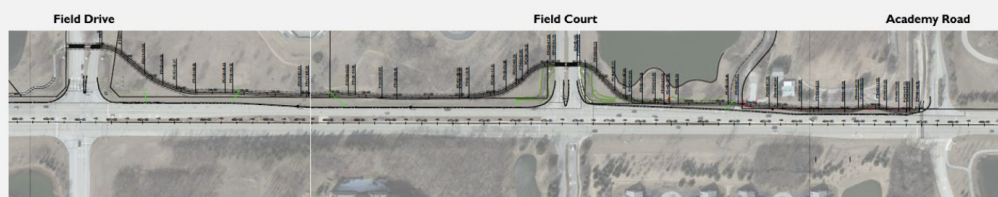
5. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF THE RTE. 60 BIKE PATH DESIGN

Assistant to the Director Lockfeer reviewed the below summary presentation slide on the topic.

RTE. 60 BIKE PATH PHASE II DESIGN

- The design of a 10' multi-use path along the north side of Rte. 60 from the existing sidewalk located west of the Field Dr to Academy Drive
 - Supported by the CPOA and the Rte. 60 Entrance Corridor Comp Plan Update
- Phase II project design and construction is supported by a \$521,760 IDOT ITEP grant award
- Staff initiated RFQ process; three responses received
 - RFQ process was required by IDOT; can only receive a cost proposal from top ranked firm
- Staff reviewed proposals in detail and completed interviews with all three firms
 - Staff unanimously recommended GHA; significant experience with IDOT funding and positive project experiences with the City
- Staff received initial proposal from GHA and negotiated to arrive at a final proposal cost of \$132,909
- Utilizing savings from ravine design projects
- Project construction is listed as priority I in FY24
- Action requested: PW Committee recommends City Council award Phase II design engineering services for the Rte. 60 Bike Path Project to Gewalt Hamilton Associates, and authorize the City Manager to execute an agreement in the amount of \$132,909, to include a 5% contingency in the amount of \$6,645 for a total cost of \$139,554**

Firm	Ranking
Gewalt Hamilton Associates	1
Bleck Engineering Company, Inc.	2
GSG Consultants, Inc.	3



The Committee and City staff discussed the project budget, the IDOT ITEP project grant award, the project construction schedule and estimate, the benefits of the path to Lake Forest residents and visitors, the length of the path, crosswalk needs to support the new path, communications on promoting the project and the grant award, the potential to further connect the path over the tollway with Mettawa, and future path connection opportunities.

Alderman Notz moved to recommend approval to City Council award Phase II design engineering services for the Rte. 60 Bike Path Project to Gewalt Hamilton Associates., and authorize the City Manager to execute an agreement in the amount of \$132,909, to include a 5% contingency in the amount of \$6,645 for a total cost of \$139,554. Alderman Karras seconded the motion, which carried unanimously.

6. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF THE MCLENNON-REED BRIDGE REPAIRS DESIGN

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

MCLENNON-REED BRIDGE REPAIRS DESIGN

- Priority project in 2020 Bridge Inspection Report
- Project will: repair steel structure, replace deck, replace joints, repair broken pipe supports, replace sealant at railings, spot-painting, and ravine slope stabilization
- Scope includes project design and specifications, preliminary and final cost estimates, and development of construction documents
- Staff initiated RFP process; two proposals received

Consultant Firm	Proposal Amount
Wiss, Janney, Elstner Associates, Inc. (WJE)	\$131,850
GSG Consultants, Inc.	Non-responsive

- WJE prepared the City's 2020 Bridge Inspection Report
- Budget: \$100,000 budgeted in FY2023. The additional required funds of \$38,443 will be from savings in the ravine design projects
- Project construction is listed as a Priority Inf in FY 24
- Action requested: PW Committee recommends City Council award Design Engineering Services for the McLennon-Reed Bridge Repairs Design to Wiss, Janney, Elstner Associates, Inc., and Authorize the City Manager to Execute an Agreement in the Amount of \$131,850 to Include a 5% Contingency in the Amount of \$6,593 for a Total Cost of \$138,443**





The Committee and City staff discussed this project's bridge rehabilitation design versus bridge reconstruction design, the estimated useful of the bridge after repairs are completed, and project communications.

Alderman Notz moved to recommend approval to City Council award of design engineering services for the McLennon-Reed Bridge Repairs Design to Wiss, Janney, Elstner Associates, Inc. and authorize the City Manager to execute an agreement in the amount of \$131,850 to include a 5% contingency in the amount of \$6,593 for a total cost of \$138,443. Alderman Karras seconded the motion, which carried unanimously.

7. **REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF THE AHWAHNEE ROAD STORM SEWER UPGRADE DESIGN**
 Superintendent Kutz reviewed the below summary presentation slide on the topic.

**AHWAHNEE ROAD AREA STORM SEWER IMPROVEMENTS
PHASE I-II DESIGN ENGINEERING SERVICES**

- Priority project in both the 2013 and 2019 Storm Water Masterplan
- Existing sewer is undersized and floods street 6-9 inches in heavy storms
- Scope includes project modeling, project design, permitting, cost estimates, and construction documents
- Staff initiated RFP process; two proposals received

Consultant Firm	Proposal Amount
Baxter & Woodman, Inc.	\$241,000
Civiltech Engineering, Inc.	\$277,221

- Baxter & Woodman prepared the City's 2013 and 2019 Masterplan
- Scope changes since budget process in order to account for alternate routing options
- Budget: \$200,000 budgeted in FY2023. The additional required funds of \$53,050 will be from savings in the ravine design projects
- Project construction is listed as a Priority I in FY 24
- **Action requested: PW Committee recommends City Council award Design Engineering Services for the Ahwahnee Road Area Storm Sewer Improvements to Baxter & Woodman, Inc., and Authorize the City Manager to Execute an Agreement in the Amount of \$241,000 to Include a 5% Contingency in the Amount of \$12,050 for a Total Cost of \$253,050**



The Committee and City staff discussed the past City stormwater studies and plans, this project's specific priority rank, the flooding experienced in this project area, the IDOT Pump Station Project and its relationship to this project design, and project design modeling.

Alderman Notz moved to recommend approval to City Council award of design engineering services for the Ahwahnee Road Area Storm Sewer Improvements Project to Baxter & Woodman, Inc., and authorize the City Manager to execute an agreement in the amount of \$241,000 to include a 5% contingency in the amount of \$12,050 for a total cost of \$253,050.

III. **ASSET, INFRASTRUCTURE, & SERVICE HIGHLIGHTS**

ASSET, INFRASTRUCTURE, & SERVICE HIGHLIGHTS		
Operating Section	Primary Service	Description
Streets	Pavement Maintenance	Asphalt, concrete repairs, sidewalks, signs, striping and litter collection
	Lighting: Electric & Gas Lights	Maintenance of City electric street lights and intersection signalization
	JULIE Locates	Locating underground utilities
	Gas Light Conversion	Conversion of all City gas lights to LED technology (fixture & electrification)
Sanitation	Sweeping	Sweep City streets to reduce the debris blocking and entering the storm sewer system
	Refuse Collection	Bi-weekly; top of drive collection
	Recycling	Once weekly; curbside collection
	Compost Center	City operated for disposal of recyclables, yard waste, metal and electronics
Water & Sewer	Yard Waste	Bi-weekly; curbside collection
	Sewer Maintenance	Repairs, cleaning, catch basins/manholes and maintenance of sanitary and storm sewer system
	Water Meter Reading	Meters are read monthly to collect regular billing data, identify unreasonably high or low water usage, or malfunctions with the meter
	Water Mains	Maintenance of City's water mains, including valves, fire hydrants and taps
Water Plant	JULIE Locates	Locating underground utilities
	Production	Production of potable water (water reservoir and elevated tank), including IDNR and EPA record-keeping
Fleet	Equipment Maintenance	Maintenance of pumps, valves, generators and sewer lift stations
	Equipment/Vehicle Repair	Maintenance of all City-owned vehicles/equipment, including improvements to new and existing equipment
Building Maintenance	Capital Purchases	Specifications/bidding of equipment needed for City Fleet
	Capital Repairs	Electrical, carpentry, plumbing and roof repairs for all City buildings, including planning and designing upgrades and replacements of facilities
	Janitorial Services	Specifications, bidding and monitoring
Engineering	Permitting/Plan Review	Review and issuance of permits and oversight of development plans
	Enforcement/ Inspection	Field supervision of construction projects to include - asphalt, sidewalk, sewer and water mains
	Capital Improvement Project Specifications	Provide design and specifications for all City infrastructure projects
	Environmental and Aesthetics Considerations	When possible, with both capital projects and Department operations, consider environmental and aesthetic features based upon cost/benefit analysis
All Sections	Snow & Ice Control	Plowing and treatment of all City streets, parking lots, sidewalks and public buildings

The Committee discussed scheduling project tours during the summer months.

IV. FY '23 PROJECT ROADMAP STATUS CHART

PROJECT ROADMAP – CAPITAL FUND			
Project	Asset Category	% Complete	Notes
Waveland Park: W Parking Lot Resurface & Expansion	Parking Lot	10%	Bids reviewed by PWC 2/17; CC approved 3/7; start mid-July
Forest Ave Parking Lot Resurfacing	Parking Lot	10%	Bids reviewed by PWC 2/17; CC approved 3/7; start early August and complete by Labor Day; work to accommodate Rec concert
Public Safety Fire Garage Roof Replacement	Facility	10%	Bids reviewed by PWC 3/3; seek CC approved 4/4; project to occur this summer
Elawa / City Hall / CNW Tuckpointing	Facility	0%	Bid opportunity to be posted in May; work to be completed fall 2022
Annual Pavement Resurfacing & Patching Program	Road	10%	Bids reviewed by PWC 2/8; CC approved 2/22; Start early May
Waukegan & Everett Intersection- Metra Upgrades	Road	0%	Still finalizing funding agreements with Metra
Deerpath Streetscape Project Phase II Design	Road	15%	Proposals reviewed by PWC 1/10; proposal awarded by CC 1/18; approved firm has begun preliminary design efforts; submitting ITEP application for construction funding October 2022
Annual Concrete Sidewalks & Curbs Repairs	Road & Sidewalk	5%	Bids reviewed by PWC 3/3; seek CC approval 4/4; start early June
Pavement Management Program	Road & Paths	10%	Proposals reviewed by PWC 2/17; proposal awarded by CC 3/7; start early May
RT. 60 Bike Path Phase II Design (Academy-Field Dr)	Path	5%	RFQ posted; planning to bring proposals to 4/19 PWC and seek CC approval 5/2; design funding and construction funding secured from ITEP
Illinois & Woodland Pedestrian Bridge Construction	Bridge	10%	Bids reviewed by PWC 11/22; CC approved 12/6; Woodland Bridge will be replaced 6/27 – 8/6 (during summer 2022 after LFHS is out), Illinois Bridge will be replaced concurrently or during the fall
Lake-Woodbine Bridge Reconstruction Design PH 1/2	Bridge	40%	HPC approval 3/16; finalizing Phase I Design; Phase II RFP late summer early fall
McLennon-Reed Bridge Repairs Design	Bridge	5%	RFP posted; planning to bring proposals to 4/19 PWC and seek CC approval 5/2; design to be substantially completed by September 2022
PROJECT ROADMAP – CAPITAL FUND (CONTINUED)			
Project	Asset Category	% Complete	Notes
Rockefeller/McCormick/Loch Ravine Design	Ravine	5%	RFP posted; planning to bring proposals to 4/19 PWC and seek CC approval 5/2; design to be substantially completed by September 2022
Seminary Ravine Improvements - Design	Ravine	5%	RFP posted; planning to bring proposals to 4/19 PWC and seek CC approval 5/2; design to be substantially completed by September 2022
Capital Equipment - All Funds	Capital Equipment	60%	Majority of FY.23 equipment ordered.
Burr Oak Storm Sewer Construction	Storm Sewer	5%	Open house held 4/14 at LFHS; Construction mobilization to begin week of May 2 nd and construction to begin the week of May 9 th
Ahwahnee Road Storm Sewer Upgrade Design	Storm Sewer	5%	RFP posted; planning to bring proposals to 4/19 PWC and seek CC approval 5/2; cost estimate to be completed by September 2022
Annual Storm Sewer Lining Program	Storm Sewer	0%	Due to MPI price increases, project will be re-bid
Forest Park Bluff Slope Stabilization	Forest Park Bluff	0%	Design efforts 75% complete; confirming design assumptions post snow melt and springtime rains prior to design finalization; bid for construction to be posted in June; construction September 5, 2022 – May 24, 2023
ADA Transition Plan	Facility / Parks / Roads / Sidewalks	5%	RFP posted; planning to bring proposals to 4/19 PWC and seek CC approval 5/2; plan to be completed by March 1, 2023
Gas Lights	Street Lighting	5%	2022-23 construction work to begin mid-April
PROJECT ROADMAP – WATER FUND			
Project	Asset Category	% Complete	Notes
Deerpath Watermain Replacement (Ahwahnee Ln-Golf)	Water	80%	Bids reviewed by PWC 2/8; CC approved 2/22; construction to be completed by mid-May
Pump VFD Upgrade	Water	5%	Bids reviewed by PWC 2/17; CC approved 3/7;
Water Plant: Membrane Filter Modules	Water	0%	Seeking CC approval 5/16; modules deliver in June and installed
Spruce and Sheridan Pump Replacement	Sanitary	5%	Bids received; PWC reviewed 4/6; seek CC approval 4/18; new pumps 15-week lead time

The Committee and City staff discussed the Deerpath Water Main Project, the ComEd Bridge Replacement Project, the Burr Oak Area Storm Sewer Improvement Project, and the new athletic field cameras to be installed at Everett Park.

V. BUDGET / HIRING / INNOVATION UPDATES

Director Thomas provided a brief update on seasonal employee hiring.

VI. PUBLIC COMMENT

There was no Public Comment.

VII. NEXT MEETING – April 27, 2022

The Committee agreed to meet on April 27, 2022.

VIII. ADJOURNMENT

Alderman Karas moved to adjourn the meeting of the Public Works Committee at 5:44 P.M. Alderman Notz seconded the motion, which carried unanimously.

Respectfully submitted,

Jim Lockefeer Jr.
Assistant to the Director of Public Works