



AGENDA

CAPITAL PROJECTS COMMITTEE MEETING

July 26, 2022 – 6:30 pm to 7:30 pm
Emergency Operations Center Meeting Room

A. Call to order

B. Roll Call

C. Utility Capital Projects

1. Water

a) 2022

1. SCADA System improvements
2. Water Modeling (Begin in 2022 instead of 2024 for AARPA funds).
3. Water Storage Tank PS2
4. Cathodic Protection
5. Valve and Hydrant Replacement Program
6. 4 Sisters Water Main

a) 2023

1. Advanced Metering Infrastructure
2. Schaumburg Emergency Interconnect
3. Paint Pump Station 4
4. Valve and Hydrant Replacement Program
5. PS5 Motor Replacement
6. Water Main Installation-Vermont Street
7. Water Main installation-Meijer Drive

2. Sanitary

a) 2022

1. Sanitary Pipe Rehabilitation Program
2. Sanitary Manhole Program
3. Sanitary Sewer Improvement/ MWRD

4. Brockway Sanitary Sewer Extension
5. Lift Station 3 Improvements-Engineering
6. New Sanitary Main Installation for Sunset/Brookview

b) 2023

1. Sanitary Pipe Rehabilitation Program
2. Sanitary Manhole program
3. Envirosite Rover X HD Mainline Camera System
4. Sanitary Radio Detection unit
5. New Sanitary Installation Brookview Sunset

3. Storm

a) 2022

1. Storm Sewer Rehabilitation Program
2. Road Program Storm Sewer Repairs
3. Storm Sewer Improvement- Various
4. Wetland and Natural Area Management
5. Storm Sewer Improvement-Meadowbrook Drive?
6. Park Street Storm-Engineering & Construction
7. Dove Street- Storm issues- Stormwater Issue

b) 2023

1. Storm Sewer Rehabilitation program
2. Road Program Storm Sewer repairs
3. Storm Sewer Improvement Projects
4. Meadowbrook Engineering/ Construction?
5. Salt Creek Outfall Repairs
6. Park Street improvement
7. Looking Ahead Further... Brookwood Drainage, Dawngate
Streambank Stabilization

D. Next Meeting (August 9, 2022)

1. 5 Year CIP Review

2. Recommendations

F. Public Comment

G. Adjournment

Capital Projects Committee
Tuesday, June 28, 2022
Emergency Operations Center, 6:30 p.m.
Meeting Minutes

Members in Attendance:

Rob Sabo, City Manager
Jo Ellen Charlton, Assistant Director of Public Works
Molly Talkington, Finance Director
Waseem Khan, Chief Information Officer
Ryan Lindeman, City Engineer
Alderman Nick Budmats
Alderman Lara Sanoica
Steve Holish, member

Absent: Jack Eleftheriou

Meeting was called to order at 6:30 pm.

Alderman Budmats moved to approve the minutes from April 26, 2022. Mr. Holish seconded. There was one correction – indicating that Mr. Eleftheriou was absent. Minutes were approved by unanimous voice vote.

- Roadway and Pedestrian Improvement Projects
 - Mr. Lindeman discussed the annual street program.
 - The resurfacing project streets are determined annually by using the pavement conditions index rating, last performed in 2016. The index is examined every year, with a comprehensive update every 6-7 years. The next scheduled study is in 2023. Recommendations are made for the next ten years. CBBEL has performed the last two, and has the historical data.
 - Typically, approximately \$1 million is budgeted annually for street resurfacing. A table was provided as part of the packet indicating current segments.
 - The goal of a resurfacing program is to extend the service life of roads. In conjunction with the index, utilities are assessed for improvements to ensure that a recently resurfaced or reconstructed road is not torn up again in a short time frame for utility work.
 - The 2022 resurfacing program includes Brookmeade, Sycamore, and the immediate area, as well as South St and South Ct, which were left off the 2021 program for budgetary reasons.
 - The City is five years into a ten year program, having completed about 55% of the program, or 100,000 square yards of resurfacing after the 2022 program. This includes all aspects – engineering, design, construction, etc. This program is ahead of schedule and under budget overall.
 - The reconstruction program streets are generally identified as needing replacement due to the type of base they are built on. The most urgent recon needs are generally west of Plum Grove Road. This year's program includes the Kennedy Brothers area. The whole neighborhood is scheduled to take 2-3 years to complete. Construction is working from the inside of the area to the outside to limit construction damage to new roads.
 - Mr. Holish noted that the newspaper had reported on a new technique to extend the life of roadways used by Naperville. Mr. Lindeman indicated that staff would look into it. Mr. Lindeman noted that the City already uses

- preservation techniques, and has done for a few years. He would take a look at the article and ask around for additional information.
- Mr. Holish noted that Brockway Street is a problem near him, though it seems the reconstruction of that street was put off for coordination with a possible project in Schaumburg, and then for underground utility work. It needs to be redone and widened. Mr. Lindeman noted that it was currently on a list, and would be examined moving forward. The focus had been on patching until the underground utilities were completed, which had just been done in 2022. Reconstruction was usually reserved for streets that had a particular type of base, and occasionally a special project. Ms. Charlton noted that there was interest on and off in the Schaumburg development, but it was an ongoing, extended conversation that staff would keep a close eye on.
 - Ms. Charlton discussed smaller projects related to roadway improvements.
 - \$40,000 had been budgeted for Kirchoff Road walkway light improvements, as the existing fixtures had been problematic. The budgeted amount was to be used west of Route 53. Some of the new fixtures had already been installed, and were noticeably better than the old ones. The existing pole and base can still be used with the new fixtures, and additional fixture replacements will be discussed in the budget process with Council. Staff is looking for move forward with this project over the next 3-4 years, which the section of Kirchoff between Route 53 and Rohlwing, possibly to City Hall, to be completed this year.
 - Ms. Charlton discussed federal and state funded programs that were already under way.
 - Many were already in the design phase. The order the projects were listed on the agenda was how close the project was to construction.
 - There were some right-of-way issues with the Quentin/Hartung bike path, but it was hoped that construction would start spring of 2023, with a September, 2022 letting through the state.
 - The Hicks/Euclid bike path was in phase 2 design. The path would go along Hicks Road from Kirchoff to Euclid, then west to Countryside Park. It was expected to be constructed in 2024.
 - Phase 1 design for the Weber Drive reconstruction had been completed, and was waiting for IDOT approval. The project would include a right turn lane at Algonquin, traffic signal improvements, and a bike path from Algonquin to Waverly. Alderman Budmats asked if there was a cost share with Arlington Heights on this project. Mr. Lindeman reported that there was a 50/50 split for the whole project.
 - Mr. Lindeman reported that there would be some minor changes in the right turn lane onto Central, as well as including crosswalks and landscaping. The project would provide better access to parks and public transportation. Ms. Charlton added that the design also included traffic calming measures due to complaints of speeding along the road.
 - Mr. Lindeman noted that phase 1 design for the Algonquin/New Wilke Intersection Improvements had been completed ahead of schedule. A meeting for phase 2 was being scheduled for early July. Intersection improvements would include right turn lanes from Algonquin, ADA improvements and traffic signal modernization, and a bike path on the east side of New Wilke.
 - Phase 1 design had begun for the Meadowbrook Bridge over Salt Creek. It was a busy area, and was identified in 2019 as needing correction in the bridge inspections. The project was scheduled for a 2025 IDOT letting.
 - Ms. Charlton noted that staff has to be aware of timelines, and planning can be complicated for projects with funding from the state or federal governments. Each has different requirements for City responsibility and process for payments and

reimbursements. A table was provided in the packet indicating the complexities of planning these projects. Staff had standing quarterly meetings simply for tracking these projects.

- Ms. Charlton discussed projects that had STP funding applied for.
 - Central Road reconstruction was one project that the City had requested STP funding for. The scope was from East Frontage to Weber, and would include needed alignment, widening, and traffic calming. The two bridges may be included in the project if funding can be achieved.
 - The City had applied for STP funding to reconstruct Campbell Street all the way through, in conjunction with an application to reclassify the road. The funding was conditional on the reclassification, and the City is still waiting for a final determination, though initial recommendations were not in the City's favor.
- Ms. Charlton noted that the status of some of the City's projects was being hit hard by the recent increases in inflation and difficulty in obtaining materials. Many projects have needed to be scaled back. These high prices are projected to be in place for at least 18 months. In addition, there was an operator strike at quarries north of the City. Needed aggregate for asphalt is extremely limited in availability at this time.
- Staff was working on prioritizing projects for FY2023. One such project was Arbor Drive. The northwest corner was the only piece of Arbor that had not been completed, including water main, drainage, and curb and gutter. There has been discussion around realigning Arbor Drive for safety reasons. Previously, the City had received CDBG funds for Arbor Drive, but the last application was not funded. Staff is working with Schaumburg to coordinate and access additional CDBG funds can be accessed through them.
- Additional projects were also on the schedule for FY2023, but the Committee's time was limited. Additional information would be provided to the Committee via e-mail if desired.
- Next Meeting
 - The next meeting was scheduled for July 26, 2022. Discussion would include an overview of utilities projects, as well as the proposed Capital Improvement Plan for the next five years. Staff would be requesting a recommendation from the Committee at that time.
- Other Items as Needed
 - Mr. Holish asked about the sanitary sewer project on Sunset Drive. Ms. Charlton noted that the City was seeking right-of-way from property owners in the area. The project cannot move forward without it. The City continues to perform research and hold discussion with the property owners.
- Public Comment
 - There was no public comment.

Motion to adjourn was made by Alderman Sanoica. Second was by Mr. Holish. Motion carried by unanimous voice vote. Meeting adjourned at 7:27 p.m.

Meeting minutes by Elizabeth Kwandras, Public Works Department.



Utilities Division Capital Projects

NEW PROJECT
RE-OCCURRING MAINTENANCE PROGRAM
MULTI YEAR / PHASE PROJECT

WATER 2070.5030.60020	Cost to Date	Budgeted Cost	Balance	NOTES
Backup Power Supply	\$0.00	\$175,000.00	\$175,000.00	Proposal Given to PW/ Operations Superintendent for \$250,000. COW Meeting 7.19.22
SCADA System Improvements	\$0.00	\$85,000.00	\$85,000.00	Proposal Given by Concentric 7/20/2022
4 Sisters Water Main Project	\$0.00	\$525,000.00	\$525,000.00	Going to Bid in coming weeks
Water Modeling/ PS4 Painting/ Meijer Drive	\$63,000.00	\$65,000.00	\$2,000.00	Utilized funds From Meijer Dr and PS4 painting to complete final phase of this project
Water Storage Tank PS2	\$7,800.00	\$35,000.00	\$27,200.00	For water reservoir storage tank inspections
Cathodic Protection	\$2,620.00	\$30,000.00	\$27,380.00	Inspection before repairs
Valve hydrant Replacement program	\$0.00	\$50,000.00	\$50,000.00	Typically done towards end of year, after flushing program
Subtotal	\$73,420.00	\$965,000.00	\$891,580.00	

SANITARY 2070.5035.60020	Cost to Date	Budgeted Cost	Balance	NOTES
Sanitary Pipe Rehabilitation Program	\$0.00	\$195,000.00	\$195,000.00	Proposal given 7/20/22. Adjustment expected 8/9/22
Sanitary Manhole Program	\$67,805.47	\$90,000.00	\$22,194.53	Council to approve 7/26/22
Sanitary Sewer Improvement/ MWRD	\$21,000.00	\$75,000.00	\$54,000.00	Remainder of balance to be used for engineering and Const. for MWRD required San. Repairs
New Sanitary Installation Sunset/ Brookview	\$0.00	\$600,000.00	\$600,000.00	Ciorba 2021 Design. \$63,941 used from 2021 budget
GIS technology	\$0.00	\$25,000.00	\$25,000.00	New iPad for Staff and Cellular Chip
Brockway Sanitary Extension	\$124,683.00	\$125,000.00	\$317.00	Project is completed
Liftstation 3 Improvements- Engineering	\$0.00	\$30,000.00	\$30,000.00	Waiting on proposal from RJN met on site on 7/19/2022
Subtotal	\$213,488.47	\$1,140,000.00	\$926,511.53	

STORM 2070.5040.60020	Cost to Date	Budgeted Cost	Balance	NOTES
Storm Sewer Rehabilitation Program	\$0.00	\$150,000.00	\$150,000.00	In Conjunction with MWRD/ Lining Project
Road Program Storm Sewer Repairs	\$90,256.89	\$100,000.00	\$9,743.11	Used in conjunction with Street Projects
Park Street Storm- Engineering& Const.	\$65,485.00	\$700,000.00	\$634,515.00	Paid 65,485,000 on Engineering. Project on hold due to easement acquisition. Const. 2023
Storm Sewer Improvement- Various	\$84,743.11	\$100,000.00	\$15,256.89	Used in conjunction with Street Projects
Wetland and Natural Area Management	\$0.00	\$25,000.00	\$25,000.00	Forestry uses to purchase native vegetation and streambank stabilization
Storm Sewer Improvement- Meadowbrook Dr.	\$0.00	\$30,000.00	\$30,000.00	Engineering for fix below the road on the Storm sewer
Subtotal	\$240,485.00	\$1,105,000.00	\$864,515.00	