



Agenda Item Executive Summary

Title: Stormwater Monthly Summary Report

Presenter: Steven M. Saunders, Director of Public Works/Village Engineer

Agenda Date: 10/21/2014

Consent: YES NO

- | | |
|-------------------------------------|-------------------------|
| <input type="checkbox"/> | Ordinance |
| <input type="checkbox"/> | Resolution |
| <input type="checkbox"/> | Bid Authorization/Award |
| <input type="checkbox"/> | Policy Direction |
| <input checked="" type="checkbox"/> | Informational Only |

Item History:

Monthly report

Executive Summary:

The Village's Stormwater Project Manager has prepared a monthly report for the Village Council that brings together status, cost, and schedule information, for each separate stormwater project, in one place. The report consists of four documents, explained below:

AT Group Project Summary Report (Attachment #1)

This report provides a brief outline and summary of each major stormwater project currently being undertaken by the Village.

One Year Look-Ahead Schedule (Attachment #2)

This document provides an overview schedule for each project.

Program Budget (Attachment #3)

This report provides financial information for the stormwater and sanitary sewer improvement programs.

Program Organization Chart (Attachment #4)

This document presents a one-page "snapshot" view of the status of each project, and how each project fits into the overall stormwater and sanitary sewer management program.

Recommendation:

Informational report

Attachments:

1. AT Group Project Summary Report
2. One Year Look-Ahead Schedule
3. Program Budget
4. Program Organization Chart



MEMORANDUM

DATE: October 14, 2014
TO: Steven Saunders, P.E.
Village of Winnetka
SUBJECT: Project Summary

Active Projects

NW Winnetka (Greenwood/Forest Glen)

Activity Summary The bid opening was held on October 7, 2014. The project team is reviewing the bids and plans to present to the Council at its November 6 meeting. The planned schedule projects contract processing, submittals/shop drawings, and long lead-time ordering to take place during the late Fall and Winter. Construction is projected to start in March 2015.

Budget Summary The Village budgeted \$250,000 for engineering and committed \$226,874. Christopher Burke Engineering has completed a detailed construction cost estimate based on the final construction plans and specifications. The increased level of detail, plus a recent significant uptick in construction pricing over the past few months, has affected the project cost estimate. The total cost estimate for the project, including engineering, is now \$5,712,875.

6-Month Look Ahead The project team will:

1. Review the bids
2. Let the contract with Village Council approval
3. Begin constructing the project

Willow Road Tunnel

Activity Summary TSC is continuing with the soil borings and are scheduled to complete their field work this week, with the deep boring at the east end of Willow to be performed mid-week. American Surveying and Engineering (ASE) is continuing their survey work. They expect to finish the remaining detailed intersection surveys this week if the weather cooperates. The MWH design team is continuing to develop preliminary plan and profile layouts for review with Village staff.

MWH is working to arrange face-to-face meetings with IDOT, UPRR, and MWRDGC to confirm details related to coordination for work in the IDOT and/or railroad rights-of-way and at MWRDGC interceptor crossings.

Water quality samplers and flow meters are in place and operational. Wet weather samples have been taken over the past 10 days and sent for analysis. MWH is proceeding with its research related to stormwater treatment options and efforts focused on the development of the stormwater quality management plan for the project.

6-Month Look Ahead The project team will:

1. Complete water quality sampling
2. Complete Phase I engineering
3. Hold Review Point #2

Stormwater Utility Implementation

Activity Summary The project team and Municipal & Financial Services Group (MFSG) are proceeding with the implementation phase for a stormwater utility. The utility was implemented effective July 1 and bills have been mailed. The project team is responding to resident inquiries as needed. MFSG's contract for staffing the customer support line ends the week of October 27, and Public Works staff will now take the lead in phone and e-mail communications.

Budget Summary The Council has awarded contracts to MFSG for study, implementation assistance, and call center support in the amount of \$186,316.

6-Month Look Ahead The project team will:

1. Continue implementation

Sanitary Sewer Evaluation

Activity Summary The Village awarded a sewer lining contract to address sanitary sewer deficiencies identified during the evaluation. The lining should be complete by the end of October. Bids for manhole repairs were opened on October 14 and staff has placed a contract award recommendation on the Council's agenda for October 21. The manhole repairs are scheduled for Fall 2014.

Budget Summary The Village has budgeted \$150,000 and committed \$152,157.

6-Month Look Ahead The project team will:

1. Complete lining and manhole repair improvements
2. Complete design of remaining public system improvements



Public Outreach

Activity Summary Staff continues to provide E-Winnetka updates on the multiple projects in the stormwater management program.

Budget Summary There is no separate budget associated with this project.

6-Month Look Ahead The project team will continue to update the website and monitor activity.

Ravine/Sheridan Road Improvements

Activity Summary IDOT is planning pavement and drainage improvements for the area. Due to the need for easement acquisition, the drainage project is scheduled in 2015.

Budget Summary This project is funded in its entirety by IDOT.

6-Month Look Ahead The project team will:

1. Monitor IDOT activities
2. Update the Council as needed

Ash Street Pump Station

Activity Summary CBBEL completed plans and specifications for the station, including pump and electrical equipment replacement. Staff also reviewed the project scope as part of the FY 14 budget. The Council awarded the design-build contract in July 2014.

Budget Summary This project is funded within the Stormwater Fund Capital Budget.

6-Month Look Ahead The project team will:

1. Construct the project



Completed Projects

Stormwater Master Plan (SMP)

Activity Summary The Council adopted the plan at its April 17, 2014 meeting.

Budget Summary The Village budgeted \$50,000 and committed \$100,932.

Spruce Outlet (Lloyd)

Activity Summary The project is complete, and based on the recent storm events, is functioning as designed.

Budget Summary The Village expended \$37,143 for engineering and \$259,156 for construction. The total project cost estimate has been reduced from \$398,786 to \$296,299.

Spruce Outlet (Tower)

Activity Summary The project is complete, and based on the recent storm events, is functioning as designed.

Budget Summary The Village budgeted \$90,000 for engineering and committed \$111,429, and budgeted \$1,000,000 for construction and committed \$1,087,465. Staff is processing the final payments, and will note the final project cost in the next monthly report.

Winnetka Avenue Pump Station

Activity Summary Construction of the Pump Station is complete and the station is operational.

Budget Summary The adjusted project budget is \$1,067,600, including engineering and construction. Staff is processing the final payments, and will note the final project cost in the next monthly report.



IKE Grant

Activity Summary The final report was presented for adoption at the September 16, 2014 Council meeting. Final project and grant reporting has been submitted to the State for approval.

Budget Summary This project is funded by an IKE Grant of \$200,000.

Attached are the following documents:

1. One-Year Look-Ahead Schedule including Council Meeting Presentations
2. Program Budget
3. Program Organization Chart

If you have any questions or need additional information, please call me at 847-691-9832, or send an e-mail to jjohnson@theatgrp.com.



**Village of Winnetka
Stormwater Management Program**

One-Year Look Ahead Schedule

10/14/2014

	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15
Tower/Foxdale												
Construction COMPLETE												
Ash Street Pump Station												
Construction												
Tunnel (Willow North, Willow South, Provident, Cherry Outlet, Underpass)												
Permitting/Preliminary Engineering												
NW Winnetka (Greenwood/Forest Glen)												
Bid Authorization/Bidding/Contract Processing												
Construction												
Winnetka Avenue Pump Station												
Construction COMPLETE												
Sanitary Sewer												
Construction												
Community Outreach												
Council Meetings												
IKE Grant Report/Approval												
Stormwater Monthly Report												
NW Winnetka Bid Award												
Stormwater Monthly Report												
MWH Review Point #2												

**Village of Winnetka
Stormwater Management Program Budget**

Project	Initial Estimated Project Costs	Current Estimated Project Costs	2013/2014 Budget	Council Authorized	Spent	Comments
<u>Stormwater Fund</u>						
<u>58.75.640.601</u>						
Winnetka Ave. pump station	\$ 1,188,562	\$ 1,067,600	\$ 750,000	\$ 1,067,600	\$ 1,039,451	Complete
Tower Road/Foxdale	\$ 1,419,544	\$ 1,087,465	\$ 1,000,000	\$ 1,087,465	\$ 1,200,061	Council Award 10/15/13
Lloyd Park/Spruce Street	\$ 601,030	\$ 296,299	\$ 414,000	\$ 296,299	\$ 296,299	Complete
NW Winnetka Greenwood/Forest Glen <i>Design Engineering</i> <i>Sewer Construction</i> <i>Pond Construction</i> <i>Construction Observation/Engineering</i> <i>MWRD Grant</i>	\$ 2,880,887	\$ 5,712,875	\$ 4,040,000	\$ 226,874	\$ 224,729	Added Forest Glen and included utilities from different line item. MWRD grant will offset \$2m. Added complete pavement replacement in lieu of patching
Willow Rd tunnel <i>Feasibility Study</i> <i>Proposed Area F</i> <i>Permitting and Design</i>	\$ 32,498,697	\$ 34,369,048	\$ 800,000	\$ 37,750	\$ 37,705	CBBEL October 2011 budget w/Kenny and Baird estimates Complete
				\$ 17,600	\$ 17,407	Complete
				\$ 2,145,218	\$ 204,744	MWH Global \$2,094,318; purchase of sampling equipment \$50,900
Stormwater rate study	\$ 50,000	\$ 186,316	\$ 10,000	\$ 186,316	\$ 177,296	DPW 2011/12 Budget vs proposal. Additional fee for fifth workshop. Includes Implementation Phase Includes call center staffing
Stormwater master plan	\$ 50,000	\$ 100,932	\$ 60,000	\$ 100,932	\$ 100,932	Complete
Total Stormwater Costs	\$ 38,688,720	\$ 42,820,535	\$ 7,074,000	\$ 3,166,054	\$ 3,298,624	
<u>Sanitary Sewer Fund</u>						
<u>54.70.640.201</u>						
Sanitary Sewer Studies/Engineering	\$ 150,000	\$ 187,247	\$ 50,000	\$ 187,247	\$ 162,734	Includes initial system evaluation, some and dyed-water testing, and engineering
System I & I repairs	\$ 1,000,000	\$ 1,000,000	\$ 300,000	\$ -	\$ -	
Total Sanitary Sewer Costs	\$ 1,150,000	\$ 1,187,247	\$ 350,000	\$ 187,247	\$ 162,734	

