



Agenda Item Executive Summary

Title: Stormwater Monthly Summary Report

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

Agenda Date: 02/17/2015

Consent: YES NO

Ordinance
 Resolution
 Bid Authorization/Award
 Policy Direction
 Informational Only

Item History:

Monthly Report

Executive Summary:

The Village Council has placed a standing item in its regular meeting agenda for updates on the Village's progress towards providing relief from stormwater and sewer flooding. This monthly report brings together status, cost, and schedule information, for each separate stormwater project, in one place. The report consists of three documents, explained below:

Project Summary Report (Attachment #1)

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

Program Budget (Attachment #2)

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

Program Organization Chart (Attachment #3)

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. Project Summary Report
2. Program Budget
3. Program Organization Chart

Agenda Report

Subject: Stormwater Update – February 2015

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

Date: February 9, 2015

Active Projects

NW Winnetka (Greenwood/Forest Glen)

Activity Summary The construction contract was awarded to A Lamp, in the amount of \$6,117,230, on November 6, 2014. The Council also awarded resident engineering contracts on January 6, 2015. Village staff has scheduled a project informational meeting for February 24. Bidding documents have been completed for the pond restoration and erosion control portion of the project, with bids being opened in March. Storm sewer construction is anticipated to start in March 2015.

Budget Summary The total cost estimate for the project, including engineering and pond restoration, is now \$6,600,000. The Village has expended \$239,111 on engineering to date. The Metropolitan Water Reclamation District is funding \$2,000,000 of this project.

6-Month Look Ahead The project team will:

1. Conduct resident open house (February 24, 2015)
2. Process shop drawings and submittals
3. Bid and award pond restoration work
4. Start Construction (March 2015)

Willow Road Tunnel

Activity Summary In June, 2014, the Council authorized MWH to proceed with preliminary engineering to complete 30% drawings, perform additional water-quality sampling and analysis, complete preliminary design for the outlet structure at Lake Michigan, and develop an updated, more detailed cost estimate. MWH was also authorized to develop a stormwater quality management and treatment plan, and to prepare draft permit applications for the required joint permit for the project. Soil borings and survey work have been completed, and water quality samplers and flow meters were used to collect wet weather samples for analysis. Several wet-weather and dry-weather samples were collected and are being analyzed. MWH is finalizing its work on the design and permitting tasks in preparation for Project Review Point #2 anticipated in March.

Budget Summary The Village Council has authorized \$2,145,218 for engineering on this project, and the Village has expended \$692,658 to date.

6-Month Look Ahead The project team will:

1. Present Review Point #2 to the Village Council for approval
2. Proceed per Village Council Direction

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 2015. Bids for manhole repairs were opened on October 14, and the Council awarded the contract on October 21. The manhole repairs are scheduled for Spring 2015.

Budget Summary The Village has expended \$184,008.

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 and website updates on the multiple projects in the stormwater management program.

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

6-Month Look Ahead The project team will continue to update the website. Additional outreach and engagement activities are associated with the Northwest Winnetka and Willow Road projects as these projects progress.

Ravine/Sheridan Road Improvements

Activity Summary IDOT is planning pavement and drainage improvements for the area. The project is scheduled for construction 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, and the project team is proceeding with submittals and equipment purchase. Pumps have been ordered and the project is scheduled for construction in 2015.

Budget Summary This project is budgeted within the Stormwater Fund Capital Budget at \$260,000.

6-Month Look Ahead The project team will:

1. Construct the project

Completed Projects

Stormwater Master Plan (SMP)

The Council adopted the plan at its April 17, 2014 meeting. The Village expended \$100,932 on this project.

Spruce Outlet (Lloyd)

The project is complete and operational and the Village expended \$296,299.

Spruce Outlet (Tower)

The project is complete and operational. The Village expended \$1,269,686.

Winnetka Avenue Pump Station

Construction of the Pump Station is complete and the station is operational and the Village expended \$1,039,451.

Stormwater Utility Implementation

The utility was implemented effective July 1 and the project team is responding to resident inquiries as needed. MFSG's contract for staffing the customer support line ended, and Public Works staff has taken the lead in phone and email communications. The Village has expended \$179,516.

IKE Grant

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. This project was funded by an IKE Grant of \$200,000.

A summary budget document showing planned and actual expenditures, and an organization showing all of the planned, ongoing, and completed projects, are attached.

Recommendation:

Informational report only.

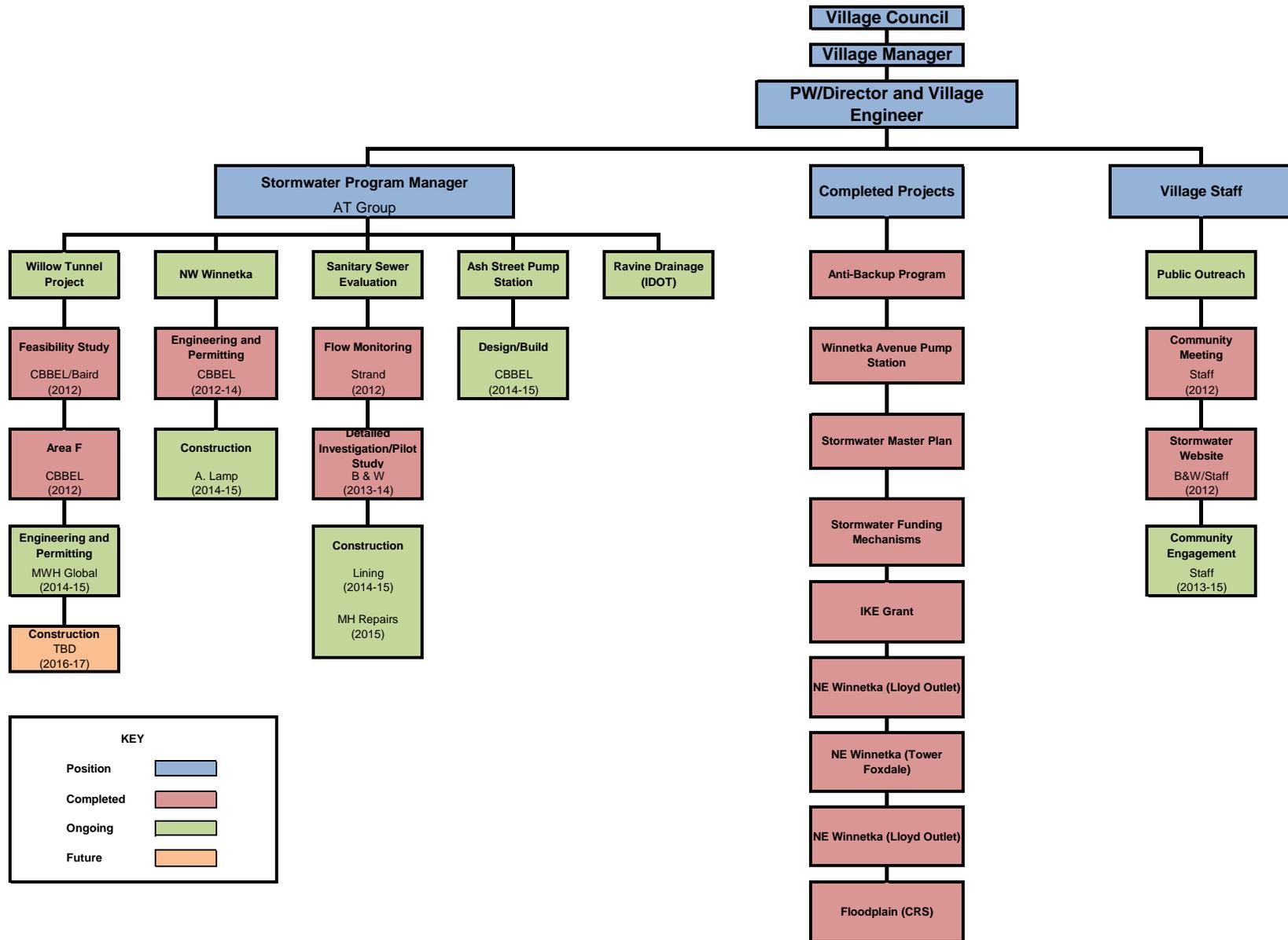
Attachments:

1. Program Budget
2. Program Organization Chart

**Village of Winnetka
Stormwater Management Program Budget**

Project	Initial Estimated Project Costs	Current Estimated Project Costs	2015 Budget	Council Authorized	Spent	Comments
<u>Stormwater Fund</u>						
<u>58.75.640.601</u>						
Winnetka Ave. pump station	\$ 1,188,562	\$ 1,039,451	\$ -	\$ 1,039,451	\$ 1,039,451	Complete
Tower Road/Foxdale	\$ 1,419,544	\$ 1,269,686	\$ -	\$ 1,269,686	\$ 1,269,686	Complete
Lloyd Park/Spruce Street	\$ 601,030	\$ 296,299	\$ -	\$ 296,299	\$ 296,299	Complete
Stormwater rate study	\$ 50,000	\$ 179,516	\$ -	\$ 179,516	\$ 179,516	Complete - includes call center staffing
Stormwater master plan	\$ 50,000	\$ 100,932	\$ -	\$ 100,932	\$ 100,932	Complete
NW Winnetka Greenwood/Forest Glen	\$ 2,880,887	\$ 6,600,000	\$ 6,212,730			Added Forest Glen and included utilities from different line item. MWRD grant will offset \$2m.
Design Engineering				\$ 226,874	\$ 239,111	Added complete pavement replacement in lieu of patching
Sewer Construction				\$ 6,117,230	\$ -	
Pond Construction				\$ -	\$ -	
Construction Observation/Engineering				\$ 116,050	\$ -	
MWRD Phase II Stormwater Funding	\$ -	\$ (2,000,000)	\$ -	\$ (2,000,000)	\$ -	
Willow Rd tunnel	\$ 32,498,697	\$ 34,369,048	\$ 800,000			CBBEL October 2011 budget w/Kenny and Baird estimates
Feasibility Study				\$ 37,750	\$ 37,705	Complete
Proposed Area F				\$ 17,600	\$ 17,407	Complete
Permitting and Design				\$ 2,145,218	\$ 692,558	MWH Global \$2,094,318; purchase of sampling equipment \$50,900
Total Stormwater Costs	\$ 38,688,720	\$ 41,854,932	\$ 7,012,730	\$ 9,546,606	\$ 3,872,665	
<u>Sanitary Sewer Fund</u>						
<u>54.70.640.201</u>						
Sanitary Sewer Studies/Engineering	\$ 150,000	\$ 187,247	\$ -	\$ 187,247	\$ 184,008	Complete. Includes initial system evaluation, smoke and dyed-water testing, and engineering
System I & I repairs	\$ 1,000,000	\$ 960,000	\$ 450,000	\$ 196,220	\$ -	Council awarded manhole lining contract
Total Sanitary Sewer Costs	\$ 1,150,000	\$ 1,147,247	\$ 450,000	\$ 383,467	\$ 184,008	

Village of Winnetka
 Stormwater Management Program
 Organizational Chart



KEY	
Position	
Completed	
Ongoing	
Future	