



Agenda Item Executive Summary

Title: Stormwater Monthly Summary Report

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

Agenda Date: 06/18/2013

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. As a reminder, two new summaries were added in May, covering IDOT's Ravine/Sheridan Road Improvements as well as the Ash Street Pump Station.

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.

Permit Chart (Attachment #5)

This document outlines the various permits required for each of the proposed stormwater improvement projects, and the status of those permits.

Recommendation / Suggested Action:

Informational Report

Attachments:

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



MEMORANDUM

DATE: June 12, 2013
TO: Steven Saunders, P.E.
Village of Winnetka
SUBJECT: Project Summary

Spruce Outlet (Tower)

Activity Summary Christopher B. Burke Engineering, Ltd. (CBBEL) provided the 95% design plans to the Village for review and comment. The US Army Corps of Engineers provided conditional approval, with final approval pending a review by the North Cook County Soil Water Conservation District. Tentatively, construction is scheduled for the fall of 2013.

Budget Summary The Village budgeted \$90,000 for engineering and committed \$111,429. The total project cost estimate remains \$1,162,853.

6-Month Look Ahead The project team will:

1. Complete final bid documents
2. Present the project to the Council for bidding approval
3. Award the contract with Village Council approval
4. Conduct a neighborhood pre-construction meeting on the project
5. Construct the project

Spruce Outlet (Lloyd)

Activity Summary The plans and specifications are ready for public letting. The Village and the Park District reviewed the 95% final plans, and collectively had no comments. Tentatively, construction is scheduled for the fall of 2013.

Budget Summary The Village budgeted \$90,000 for engineering and committed \$37,143. The total project cost estimate remains \$398,786.

6-Month Look Ahead The project team will:

1. Present the project to the Council for bidding approval
2. Award the contract with Village Council approval
3. Conduct a neighborhood pre-construction meeting on the project
4. Construct the project

Winnetka Avenue Pump Station

Activity Summary The Forest Preserve District Board approved the project. USACE and the Illinois Department of Natural Resources (IDNR) approved the project previously. Based on the FPDCC review and approval, CBBEL is finalizing the plans, which they should complete by the end of June 2013. Construction is tentatively scheduled for late 2013 and will continue to spring 2014.

Budget Summary The Village budgeted \$750,000 for the project and committed \$29,300 for engineering.

6-Month Look Ahead The project team will:

1. Prepare construction documents for bidding
2. Let the contract with Village Council approval
3. Construct the project

NW Winnetka (Greenwood/Forest Glen)

Activity Summary CBBEL is proceeding with the final engineering, and the plans are at the 90% design stage. The USACE issued a permit for construction of the proposed outlet to the lagoon. The FPDCC is reviewing a request for permission to construct the outfall on District property. Plans and permits should be complete by June 30, 2013.

Budget Summary The Village budgeted \$250,000 for engineering and committed \$226,874 for engineering. The total project cost estimate – including the Forest Glen improvements - remains \$4,266,924.

6-Month Look Ahead The project team will:

1. Continue preliminary engineering
2. Brief the Council and residents on the preliminary engineering and determine schedule
3. Prepare construction documents for bidding
4. Prepare and submit the required permits
5. Let the contract with Village Council approval
6. Conduct a neighborhood meeting on the project



Willow Road Tunnel

Activity Summary The project team has completed a Draft RFQ to be submitted to the Council for review and comment at the July 9 Study Session.

Budget Summary The Village budgeted \$800,000 for engineering and committed \$70,350. The total project cost estimate remains \$34,369,048.

6-Month Look Ahead The project team will:

1. Present the Draft RFQ and consultant selection process to the Village Council
2. With Village Council approval, procure the services of an engineering consultant for design and permitting
3. Commence preliminary engineering

Stormwater Master Plan

Activity Summary Village staff continues to meet monthly with Baxter & Woodman (B&W) representatives to discuss the status of the project. In addition to B&W, CBBEL also attends as needed for project coordination. The next scheduled meeting is June 21. The draft Stormwater Master Plan will be presented to the Village Council at the July 9, 2013 Study Session.

Budget Summary The Village budgeted \$50,000 and committed \$101,220.

6-Month Look Ahead The project team will:

1. Prepare the draft Stormwater Master Plan
2. Present the draft Stormwater Master Plan to the Council
3. Address Council and public comments

Stormwater Utility Feasibility Study

Activity Summary The Village Council approved the stormwater utility and directed staff to proceed with implementation. Municipal & Financial Services Group (MFSG) prepared a fee proposal to assist with the implementation process, which staff will present to the Council for approval.

Budget Summary The Village budgeted \$50,000 and awarded an agreement in the amount of \$72,100 (modified to \$77,550).

6-Month Look Ahead The project team will:

1. Proceed per Council direction



Sanitary Sewer Evaluation

Activity Summary Baxter & Woodman is proceeding with the detailed I/I evaluation in select areas of the Village to identify specific system repairs and corrections needed.

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

6-Month Look Ahead The project team will:

1. Complete detailed evaluations as approved
2. Report findings to the Council
3. Complete design engineering of initial system improvements

Public Outreach

Activity Summary The project team continues to update the website and monitor the activity. The team prepared a draft engagement plan and presented the plan to the Council for discussion at the June 11 Study Session.

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

6-Month Look Ahead The project team will:

1. Proceed with public engagement as directed by the Council
2. Prepare a special issue of the Winnetka Report
3. Prepare and conduct 2 town hall-type meetings in September, 2013

Ravine/Sheridan Road Improvements

Activity Summary IDOT is planning pavement and drainage improvements for the area with paving tentatively scheduled for 2014. Due to the need for easement acquisition, the drainage is scheduled for 2015. Staff met with IDOT to review the preliminary plans and discuss the project in general.

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 is preparing a conceptual design for the station to include pump and electrical equipment replacement. Plans should be complete by July 31, 2013 with construction to follow immediately.

Budget Summary This project is funded within the PW Department Operations Budget.

6-Month Look Ahead The project team will:

1. Complete conceptual design
2. Brief the Council on the project
3. Proceed with final engineering

Attached are the following documents:

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

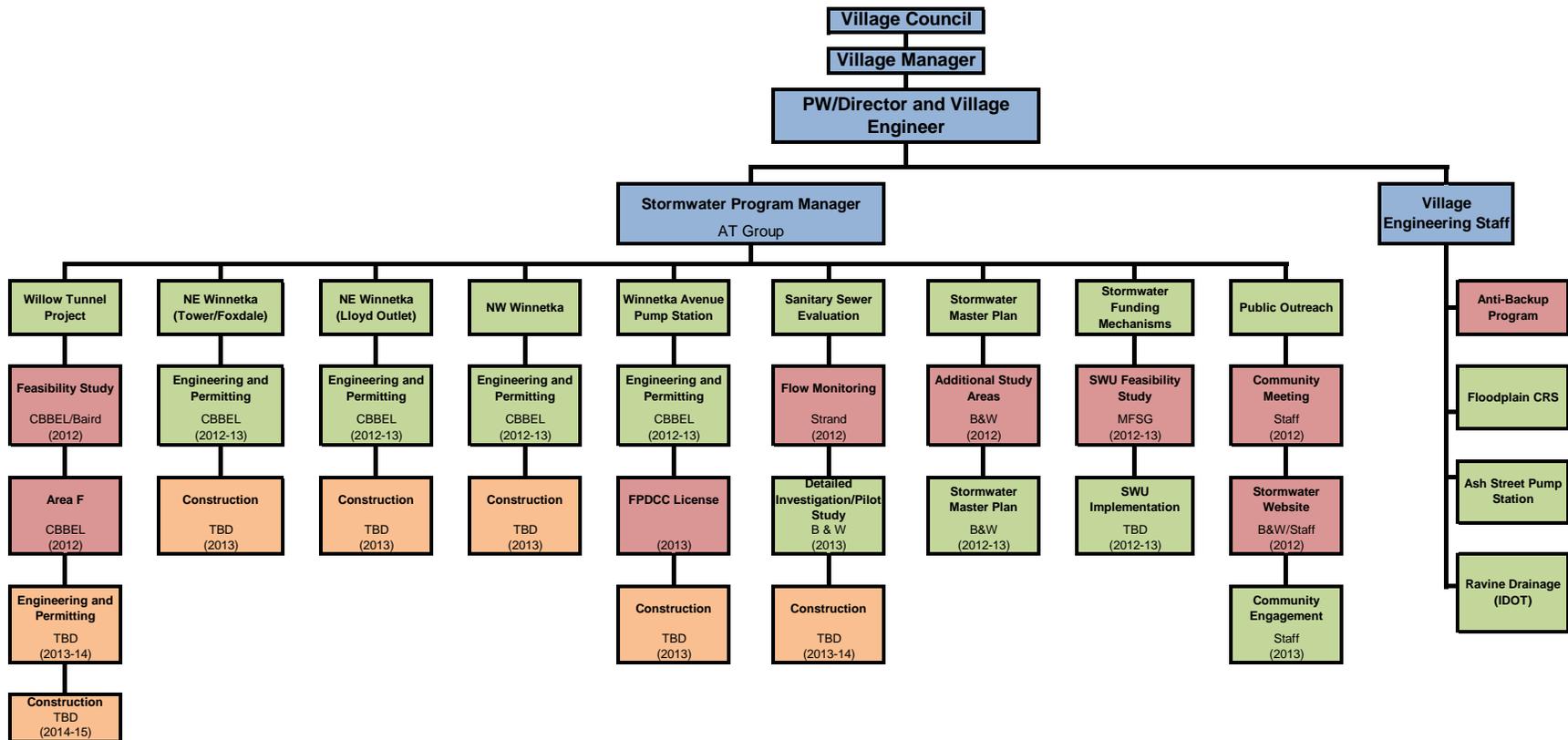
One-Year Look Ahead Schedule

06/13/2013

	Jun 13	Jul 13	Aug 13	Sep 13	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14
Tower/Foxdale												
Preliminary Engineering												
Permitting												
Final Engineering												
Bid Authorization/Bidding												
Construction												
Lloyd Outlet												
Preliminary Engineering												
Permitting												
Final Engineering												
Bid Authorization/Bidding												
Construction												
Tunnel (Willow North, Willow South, Provident, Cherry Outlet, Underpass)												
Feasibility Study												
Engineering RFQ/RFP												
Preliminary Engineering												
NW Winnetka (Greenwood/Forest Glen)												
Preliminary Engineering												
Permitting												
Final Engineering												
Bid Authorization/Bidding												
Construction												
Winnetka Avenue Pump Station												
Preliminary Engineering												
Permitting												
Final Engineering												
Bid Authorization/Bidding												
Construction												
Sanitary Sewer												
Detailed Investigations												
Engineering												
Construction												
Stormwater Master Plan												
Develop SMP												
Community Outreach												
Village Council Meeting Presentations												
Community Engagement Plan												
NE Winnetka Bid Authorization												
Stormwater Monthly Report												
NW Winnetka Engineering												
Stormwater Master Plan Draft Report												
Willow Road Tunnel RFQ & Contracting Methods												
Stormwater Monthly Report												
Winnetka Avenue Pump Station Bid Authorization												
Stormwater Monthly Report												
NW Winnetka Bid Authorization												
Stormwater Monthly Report												

**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	\$ 750,000	\$ 750,000	\$ 750,000	\$ 29,300	\$ 21,175	Based on DPW 2011/12 Budget
Tower Road/Foxdale	\$ 1,419,544	\$ 1,162,853	\$ 1,000,000	\$ 111,429	\$ 92,768	Decrease based on 65% construction drawings
Lloyd Park/Spruce Street	\$ 601,030	\$ 398,786	\$ 414,000	\$ 37,143	\$ 30,923	Decrease based on 65% construction drawings
NW Winnetka Greenwood/Forest Glen	\$ 2,880,887	\$ 4,266,924	\$ 4,040,000	\$ 226,874	\$ 178,575	Added Forest Glen and included utilities from different line item
Willow Rd tunnel <i>Proposed Area F</i>	\$ 32,498,697	\$ 34,369,048	\$ 800,000	\$ 37,750	\$ 17,407	CBBEL October 2011 budget w/Kenny and Baird estimates
Stormwater rate study	\$ 50,000	\$ 77,550	\$ 10,000	\$ 72,100	\$ 77,500	DPW 2011/12 Budget vs proposal. Additional fee for fifth workshop.
Stormwater master plan	\$ 50,000	\$ 101,220	\$ 60,000	\$ 101,220	\$ 76,746	DPW 2011/12 Budget vs proposal (added 6 drainage areas)
Total Stormwater Costs	\$ 38,250,158	\$ 41,126,380	\$ 7,074,000	\$ 633,416	\$ 532,799	
<u>Sanitary Sewer Fund</u>						
<u>54.70.640.201</u>						
Sanitary Sewer Studies/Engineering	\$ 150,000	\$ 152,157	\$ 50,000	\$ 152,157	\$ 112,947	Additional monitoring
System I & I repairs	\$ 1,000,000	\$ 1,000,000	\$ 300,000	\$ -	\$ -	
Total Sanitary Sewer Costs	\$ 1,150,000	\$ 1,152,157	\$ 350,000	\$ 152,157	\$ 112,947	



KEY	
Position	
Completed	
Ongoing	
Future	

**VILLAGE OF WINNETKA STORMWATER IMPROVEMENTS
SUMMARY OF PERMITS FOR ALL PLANNED IMPROVEMENTS**

Project Description	Estimate of Probable Cost	Permits Required
<u>Spruce Street Outlet Area Improvements</u>		
Tower Road/Foxdale Area	\$ 1,162,853	US Army Corps of Engineers - Wetland Permit (received)
Lloyd Park Outlet	\$ 398,786	Winnetka Park District permission (received)
<u>Northwest Winnetka Improvements</u>		
Tower Road/Greenwood Area	\$ 3,581,924	US Army Corps of Engineers - Wetland Permit (received); Cook County Forest
Forest Glen Extension	\$ 685,000	Preserve (applied/pending); Illinois EPA water main relocation (applied/pending)
<u>Winnetka Avenue Pump Station</u>	\$ 750,000	US Army Corps of Engineers - Wetland Permit (received); Cook County Soil & Water Conservation District (received); Illinois Department of Natural Resources (received); Cook County Forest Preserve District (received); Village of Northfield
<u>Master Plan and Rate Study</u>		
Stormwater Master Plan	\$ 101,220	None
Utility Feasibility Study	\$ 72,100	None
<u>Willow Road Stormwater Tunnel Improvements</u>		
North Willow, South Willow, & Provident	\$ 27,969,048	US Army Corps of Engineers/Illinois Department of Natural Resources/Illinois EPA Joint Permit for Lake Michigan Discharge; Metropolitan Water Reclamation District; Cook County Soil & Water Conservation District
Cherry Street Outlet Area	\$ 2,000,000	
Winnetka Underpass Area	\$ 4,400,000	
Area F (west of Hibbard Road)	***	
TOTALS	\$ 41,120,931	

*** Cost estimated to be less than \$100k but not finalized