

Agenda Report

Subject: **Stormwater Monthly Summary Report**

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

Date: November 14, 2012

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

Attachment #1
AT Group Project Summary Report



MEMORANDUM

DATE: November 14, 2012

TO: Steven Saunders, P.E.
Village of Winnetka

SUBJECT: Project Summary

Spruce Outlet (Tower)

Activity Summary The project team met on site with the Park District to discuss the route and shared improvements. CBBEL is proceeding with final design. Construction is scheduled for the summer 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. Proceed with final engineering
2. Prepare construction documents for bidding
3. Prepare and submit the required permits
4. Let the contract with Village Council approval
5. Conduct a neighborhood meeting on the project

Spruce Outlet (Lloyd)

Activity Summary CBBEL is proceeding with the final design and permitting. Construction is scheduled for the summer 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. Complete the final engineering
2. Prepare construction documents for bidding
3. Prepare and submit the required permits
4. Let the contract with Village Council approval
5. Conduct a neighborhood meeting on the project

Winnetka Avenue Pump Station

Activity Summary The project team participated in a site visit with the FPDCC to observe the operation of a trash rack system similar to the one proposed for this project by CBBEL. As the selected trash rack was acceptable to the FPDCC, the project team will finalize engineering and prepare the required submittal for the FPDCC. Although the engineering and construction for the project are included in the Village's current year budget, construction will occur in 2013.

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

Significant Items The FPDCC decision on whether to require a new license as opposed to amending the existing license may have a schedule and budget impact due to a longer review time and additional license fees, respectively. Based on discussions during the site visit noted above, the project team will prepare a license submittal based on an amendment and proceed accordingly.

6-Month Look Ahead The project team will:

1. Complete the final engineering
2. Submit an application for an amended license to the FPDCC
3. Prepare construction documents for bidding
4. Prepare and submit the required permits
5. Let the contract with Village Council approval

NW Winnetka (Greenwood/Forest Glen)

Activity Summary CBBEL has completed detailed surveys of the area and is proceeding with preliminary engineering.

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 fieldwork and preliminary engineering
2. Brief the Council on the preliminary engineering
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 Village staff presented route and construction methods to the Village Council on 11/13/12. Based on the direction received, Willow Road is the preferred routing and the project team will proceed accordingly. In keeping with Council consensus, staff will develop and provide additional information for the Council to evaluate and discuss related to the Underpass Study Area. Specifically, staff will provide cost-benefit information for the underpass extension, obtain additional flood damage data from New Trier High School, and evaluate constructing the underpass improvements either to a lower flood protection level, or at a reduced scope. In addition, the project team will prepare a Draft RFP for Village Council review.

Budget Summary The Village budgeted \$800,000 for engineering and committed \$70,350. The total project cost estimate is \$34,597,912.

6-Month Look Ahead The project team will:

1. Prepare a Draft RFP
2. Develop and present additional information on the Underpass Study Area
3. With Village Council approval, procure the services of an engineering consultant for design and permitting
4. Commence preliminary engineering

Stormwater Master Plan

Activity Summary Village staff continues to meet monthly with B&W representatives to discuss the status of the project. In addition to Baxter & Woodman, CBBEL also attends as needed for project coordination. The next scheduled work group meeting is November 30. The primary agenda items are the drainage area studies and public outreach meetings for the program.

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

6-Month Look Ahead The project team will:

1. Present additional drainage area studies to the Council
2. Prepare the draft Stormwater Master Plan

Stormwater Utility Feasibility Study

Activity Summary Municipal and Financial Services Group (MFSG) presented a primer on stormwater funding mechanisms on 11/13/12. MFSG is reviewing and analyzing the data provided by the Village regarding the budgeting, financing, operations and maintenance, capital program and composition of the Village's storm sewer system.

Budget Summary The Village budgeted \$50,000 and awarded an agreement in the amount of \$72,100.

6-Month Look Ahead The project team will:

1. Proceed with the Feasibility Study
2. Conduct three workshops with the Council to discuss the status of the study, and present the findings and alternatives
3. Present the findings to the Council

Sanitary Sewer Evaluation

Activity Summary Staff developed additional information to clarify areas for further study and plans to present the findings for further discussion at a future Council meeting.

Budget Summary The Village budgeted \$100,000 and committed \$107,857.

6-Month Look Ahead The project team will:

1. Review possible future actions with the Council
2. If authorized, complete the additional studies
3. Report findings to the Council

Public Outreach

Activity Summary The project team continues to update the website and monitor the activity. To date, the Village has held two stormwater management seminars, provided comprehensive project summaries in the Winnetka Report, and issued regular updates in E-Winnetka newsletters. At a planned November 30 Stormwater Master Plan work group meeting, the team will identify public outreach activities for the program and prepare a preliminary schedule.

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

6-Month Look Ahead The project team will:

1. Develop a preliminary schedule for Public Outreach
2. Communicate opportunities for public input to stakeholders
3. Continue to update the website and monitor activity

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. Attached are the following documents:

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



Attachment #2
One Year Look-Ahead Schedule

Village of Winnetka
Stormwater Management Program

One-Year Look Ahead Schedule

11/14/2012

	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sep 13
Tower/Foxdale											
Preliminary Engineering											
Permitting											
Final Engineering											
Construction											
Lloyd Outlet											
Preliminary Engineering											
Permitting											
Final Engineering											
Construction											
Tunnel (Willow North, Willow South, Provident, Cherry Outlet, Underpass)											
Feasibility Study											
Engineering RFP											
Preliminary Engineering											
NW Winnetka (Greenwood/Forest Glen)											
Preliminary Engineering											
Permitting											
Final Engineering											
Construction											
Winnetka Avenue Pump Station											
Preliminary Engineering											
Permitting											
Final Engineering											
Construction											
Sanitary Sewer											
Pilot Study											
Stormwater Master Plan											
Drainage Studies											
Develop SMP											
Water Quality Sampling											
Community Outreach											
Village Council Meeting Presentations											
Tunnel Project Update (Route)											
Stormwater Funding Mechanisms											
Stormwater Monthly Report											
Baxter & Woodman Additional Drainage Study Areas											
SSES Status											
Stormwater Monthly Report											
Stormwater Master Plan Status											
Stormwater Utility Feasibility Study Workshop #1											
Stormwater Monthly Report											
Stormwater Utility Feasibility Study Workshop #2											
Stormwater Monthly Report											
Stormwater Utility Feasibility Study Workshop #3											
Lloyd Outlet Bid Award											
Winnetka Avenue Pump Station											
Stormwater Master Plan Status											
NW Winnetka 65% Engineering											
Stormwater Monthly Report											
Stormwater Monthly Report											
Tower/Foxdale Bid Award											
Stormwater Master Plan Draft Report											
Stormwater Monthly Report											
NW Winnetka Bid Award											
Stormwater Master Plan Final Report											
Stormwater Monthly Report											
Stormwater Monthly Report											
Stormwater Monthly Report											
Stormwater Monthly Report											
Stormwater Monthly Report											

Attachment #3
Program Budget

**Village of Winnetka
Stormwater Management Program Budget**

Project	Initial Estimated Project Costs	Curent Estimated Project Costs	2012/2013 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	\$ 16,205	Based on DPW 2011/12 Budget
Tower Road/Foxdale	\$ 1,419,544	\$ 1,162,853	\$ 90,000	\$ 111,429	\$ 79,884	Decrease based on 65% construction drawings
Lloyd Park/Spruce Street	\$ 601,030	\$ 398,786	\$ 90,000	\$ 37,143	\$ 26,628	Decrease based on 65% construction drawings
NW Winnetka Greenwood/Forest Glen	\$ 2,880,887	\$ 4,266,924	\$ 250,000	\$ 226,874	\$ 28,972	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 \$ 17,600	\$ 37,705 \$ 2,680	CBBEL October 2011 budget w/Kenny and Baird estimates
Stormwater rate study	\$ 50,000	\$ 72,100	\$ 50,000	\$ 72,100	\$ -	DPW 2011/12 Budget vs proposal
Stormwater master plan	\$ 50,000	\$ 101,220	\$ 50,000	\$ 101,220	\$ 33,496	DPW 2011/12 Budget vs proposal (added 6 drainage areas)
Total Stormwater Costs	\$ 38,250,158	\$ 41,120,930	\$ 2,080,000	\$ 633,416	\$ 225,570	
<u>Sanitary Sewer Fund</u>						
<u>54.70.640.201</u>						
Sanitary Sewer Studies	\$ 100,000	\$ 107,857	\$ 100,000	\$ 107,857	\$ 107,857	Additional monitoring
Trenchless lining	\$ 150,000	\$ 166,237	\$ 150,000	\$ 166,237	\$ -	DPW 2011/12 Budget vs bid
System I & I repairs	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	
Total Sanitary Sewer Costs	\$ 350,000	\$ 374,094	\$ 350,000	\$ 274,094	\$ 107,857	

Attachment #4
Program Organization Chart

