



Agenda Item Executive Summary

Title: Stormwater Monthly Summary Report

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

Agenda Date: 05/21/2013

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. The report includes two new summaries, 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.

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

Attachment #1
AT Group Project Summary Report



MEMORANDUM

DATE: May 15, 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 CBBEL submitted 95% final plans to the Village and Park District for pre-bid review and comment. Tentatively, 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 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

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. Construction is tentatively scheduled for late 2013.

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 preliminary Draft RFQ but activity on this project has been pending Council discussion of project financing. With the results of the financing study complete as of May 14, the project team will complete the Draft RFQ.

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 May 24.

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



Stormwater Utility Feasibility Study

Activity Summary The Village Council heard the final report from Municipal & Financial Services Group (MFSG) on the stormwater utility feasibility study. MFSG recommended a stormwater utility as the preferred method to fund the stormwater improvements being considered by the Village. Further, MFSG recommended the Village establish a uniform stormwater fee, based on impervious area for individual parcels (calculated on multiples of 3,400 square feet of impervious area). Finally, it was suggested that the Village fund a level of service including operations and maintenance as well as current capital projects, using 30-year debt to be repaid from the utility fund. The Village Council accepted these recommendations and decided to proceed with a utility fee to finance 100% of stormwater improvements.

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 per Council direction

Sanitary Sewer Evaluation

Activity Summary On April 4, 2013, the Council awarded a contract to Baxter & Woodman for further detailed I/I evaluation in select areas of the Village to identify specific system repairs and corrections needed. B&W has commenced manhole inspections.

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 will present the plan to the Council in June 2013.

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

6-Month Look Ahead The project team will:

1. Refine the draft engagement plan
2. Present the plan to the Council
3. Proceed with public engagement
4. Continue to update the website and monitor activity

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 immediately follow.

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

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.



Attachment #2
One Year Look-Ahead Schedule

**Village of Winnetka
Stormwater Management Program**

One-Year Look Ahead Schedule

05/16/2013

	May 13	Jun 13	Jul 13	Aug 13	Sep 13	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14
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/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												
Detailed Investigations												
Engineering												
Construction												
Stormwater Master Plan												
Develop SMP												
Community Outreach												
Village Council Meeting Presentations												
Stormwater Utility Feasibility Study Final Report												
Stormwater Projects Program												
Winnetka Avenue Underpass and NE Winnetka Engineering												
Stormwater Monthly Report												
Communnity Engagement Plan												
NW Winnetka Engineering												
Stormwater Monthly Report												
Stormwater Master Plan Draft Report												
Stormwater Monthly Report												
Stormwater Master Plan Final Report												
Stormwater Monthly Report												

Attachment #3
Program Budget

**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	\$ 19,441	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	\$ 149,921	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	\$ 72,100	DPW 2011/12 Budget vs proposal. Additional fee for fifth workshop.
Stormwater master plan	\$ 50,000	\$ 101,220	\$ 60,000	\$ 101,220	\$ 73,538	DPW 2011/12 Budget vs proposal (added 6 drainage areas)
Total Stormwater Costs	\$ 38,250,158	\$ 41,126,380	\$ 7,074,000	\$ 633,416	\$ 493,803	
<u>Sanitary Sewer Fund</u>						
<u>54.70.640.201</u>						
Sanitary Sewer Studies/Engineering	\$ 150,000	\$ 152,157	\$ 50,000	\$ 152,157	\$ 107,857	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	\$ 107,857	

Attachment #4
Program Organization Chart

