

## Agenda Report

**Subject:** Stormwater Budget and Expense-to-date

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

Date: August 31, 2012

At the August 21 Council meeting, several Trustees inquired as to the amount of stormwater-related expenditures to date as compared to FY 2012-13 budgeted amounts. Staff has prepared the attached matrix detailing these expenditures by budget line item. Additional information on each of these line items follows:

### Stormwater Fund

- Winnetka Ave. Pump Station. Expenditure to date relates to design engineering and permitting activities. This project is scheduled for a September 5, 2012 review meeting by the Land Use Request Review Committee to hopefully receive final staff approval for modification of the Village's current license agreement to permit construction of the improvements this winter. The project consists of expanding the capacity of the pump station to provide additional stormwater capacity for a large portion of southwestern Winnetka.
- Tower Road/Foxdale and Lloyd Park/Spruce Street. The Council has awarded a contract for final engineering for these two projects to Christopher Burke Engineering (CBBEL), to develop detailed plans, specifications, and bid documents, for proposed construction of these projects in 2013.
- NW Winnetka/Greenwood. The Village awarded a contract to CBBEL for \$10,600 to update the previously completed Northwest Winnetka/Greenwood Area drainage study to include evaluation of an additional area of flooding in and near the Forest Glen neighborhood. Results for this additional drainage area study will be presented to the Council at the September Study Session.
- Willow Rd tunnel (includes proposed area F). The Village has awarded two contracts related to a detailed feasibility study on the proposed Willow Road Tunnel project. One of these contracts was to coastal engineering firm Baird Associates to provide preliminary designs for the proposed transition outfall to Lake Michigan. The second contract was to CBBEL to further refine the preliminary conceptual information provided in October 2011. This information will be presented in the form of a feasibility report at the September Study Session. In addition, staff will be presenting a proposal to complete an updated drainage study for areas south of Tower Road and west of Hibbard Road that were last evaluated in 2001.
- Stormwater rate study. This project entails a feasibility study to evaluate the possibility and suitability of implementing a Stormwater Utility as a mechanism for

funding proposed improvements. This work will include evaluating various means of funding capital and operational improvements, evaluating possible rate structures, identifying stakeholders and obtaining input, and identifying advantages and disadvantages associated with a stormwater utility. The Village has received proposals for this study and will be presenting an evaluation of these proposals in September 2012.

- Stormwater master plan. The Council awarded a contract for this work to Baxter & Woodman in June, 2012. This work also includes a detailed drainage study of 6 additional areas of the Village, in addition to the master planning work.

### **Sanitary Sewer Fund**

- Sanitary Sewer Studies. The Village awarded a contract to Strand Associates to evaluate the Village's sanitary sewer system and determine areas of the system that exhibit susceptibility to Inflow/Infiltration. This study will permit the Village to credibly focus its detailed investigations in areas that are shown to be susceptible to Inflow/Infiltration (I/I). This allows the Village to 1) spend its limited resources in areas likely to identify I/I sources, 2) develop an empirically-based priority program for addressing I/I in other areas of the Village either now or in the future, at the Council's discretion, and 3) effectively communicate with citizens the timeframe and rationale for addressing I/I in various areas of the community.
- Trenchless Lining. This is an ongoing annual capital repair item, consisting of renovating existing sanitary sewers by lining. The Village awarded a contract for this work in May of 2012.
- System I & I Repairs. This project anticipates detailed smoke testing, manhole inspections, dye testing, and television inspection in limited areas that exhibit susceptibility to sanitary sewer backups. This detailed testing will identify specific public and/or private sources of I/I for correction to reduce susceptibility to basement backups. Staff will be presenting a fee proposal to complete this work in September 2012.

### **Recommendation:**

Informational Report

### **Attachments:**

Expenditure Matrix

**Village of Winnetka  
Stormsewer Expenses**

2012.09.01

Project	2012/2013 Budget	Council Authorized	Spent
Stormwater Fund 58.75.640.601			
Winnetka Ave. pump station	\$ 750,000.00	\$ 29,300.00	\$ 15,440.00
Tower Road/Foxdale	\$ 90,000.00	\$ 111,429.00	\$ 53,971.00
Lloyd Park/Spruce Street	\$ 90,000.00	\$ 37,143.00	\$ 17,990.00
NW Winnetka Greenwood	\$ 250,000.00	\$ 10,600.00	\$ -
Willow Rd tunnel	\$ 800,000.00	\$ 37,750.00	\$ 32,422.00
<i>Proposed Area F</i>		\$ 17,600.00	\$ -
Stormwater rate study	\$ 50,000.00	\$ -	\$ -
Stormwater master plan	\$ 50,000.00	\$ 96,900.00	\$ -
Total Stormwater Costs	\$ 2,080,000.00	\$ 340,722.00	\$ 119,823.00

**Village of Winnetka**  
**Sanitary Sewer Expenses**

2012.09.01

Project	2012/2013 Budget	Council Authorized	Spent
Sanitary Sewer Fund 54.70.640.201			
Sanitary Sewer Studies	\$ 100,000.00	\$ 107,857.00	\$ 93,260.00
Trenchless lining	\$ 150,000.00	\$ 166,237.00	\$ -
System I & I repairs	\$ 100,000.00	\$ -	\$ -
Total Sanitary Sewer Costs	\$ 350,000.00	\$ 274,094.00	\$ 93,260.00