

Agenda Report

Subject: Stormwater Update – January 17, 2012

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

Date: January 13, 2012

Attached are two documents detailing progress made to date and future actions in response to the July 2011 flooding event. The first document is an updated version of the project schedule for the Tunnel Feasibility Study, outlining implementation steps based on policy direction given by the Council, and the status of action on those steps. This provides the Council and interested citizens with a detailed picture of where we are, and activities to be undertaken in the next few months. Based on the initial schedule, we are about 2 weeks behind at this point, primarily because in constructing the schedule I neglected the reality that basically no activity would take place on the project over the winter holidays. I anticipate the Village Council being able to determine the feasibility of proceeding with the tunnel project in May of 2012.

The second item is a preliminary project schedule for design engineering and permitting for the proposed tunnel project, up to the beginning of construction. This document details the major activities and milestones associated with bringing the tunnel project up to the point of beginning construction. It is important to note that associated discussions about financing methods for this large project are not accounted for in this schedule, which was developed assuming that these policy conversations would continue at the Council level on a parallel path. This project schedule anticipates commencement of construction in late October of 2014.

Of note, staff and representatives from Christopher Burke Engineering met with MWRD Executive Director David St. Pierre and members of his staff on January 12 to review the project and further discuss permit requirements. **The most important item to come from this meeting was Mr. St. Pierre's determination that as long as the Village receives joint permit approval from the IEPA, Illinois DNR, and US Army Corps of Engineers, the MWRD permit would be handled at the staff level, rather than the Board level.**

Additional discussions were held about the possibility of partnering with the MWRD in developing a pilot green initiative project to address infiltration and management of clean water discharges from buildings, where these discharges are currently being improperly directed to the sanitary sewer system. This presents interesting and exciting possibilities for a project that could provide residents with recycled water from sump pumps and downspouts to be used for irrigation purposes, and also serve as a regional demonstration project.

Recommendation:

Informational Report.

Village of Winnetka

Willow Road Tunnel Project Feasibility

DRAFT Project Schedule

January 17, 2012

Critical Path
 Items not on Critical Path

	Nov-11				Dec-11				Jan-12				Feb-12				Mar-12				Apr-12				May-12				Jun-12				Jul-12				Aug-12						
	1	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20	27	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	2	9	16	23	30	6	13	20
Feasibility Study and Council Policy Direction																																											
Regulatory Meetings																																											
Conceptual Design																																											
Feasibility Report																																											
Stakeholder Input																																											
Council Direction																																											
Design Engineering Contract																																											
Engineering Fee Proposals																																											
Award Engineering Contract																																											
Design Engineering																																											
Detailed Survey and Data Collection																																											
Detailed Geotechnical Investigation																																											
Environmental Surveys (Soil)																																											
Utility Coordination																																											
Railroad Coordination																																											
Public Design Input																																											
Permit Plans and Estimates																																											
Permitting																																											
Illinois DNR																																											
MWRD																																											
US Army Corps																																											
Illinois EPA																																											
Union Pacific Railroad																																											
Final Plans, Specifications, and Estimates																																											
Utility Coordination																																											
Final Plans Specifications and Estimates																																											
Council Direction to Place Bidding Notices																																											
Bidding/Award																																											
Bidding																																											
Contract Award & Execution																																											
Preconstruction Coordination																																											
Construction Starts																																											

