

MEMORANDUM

To: Public

From: Michael E. Novotney, PE

Date: October 24, 2018

Subject: Old South Haven Storm Water Management System Rehabilitation, Phase 1
Project Status

1. PROJECT STATUS & PROJECTED PROJECT TIMELINES

The Porter County Department of Development & Storm Water Management (Department) has undertaken an important effort to repair and reconstruct the storm water management system serving Old South Haven, which is located in unincorporated Porter County, and is bounded by US 6 to the north, SR 149 to the east, CR 700 N to the south, and McCool Rd. to the west.

Such effort, designated as the Old South Haven Storm Water Management System Rehabilitation Project (Project) has been broken up into two phases. The projects included in Phase 1 of the Project include:

- Pipe Lining Projects
 - Pipe Lining Project “A” (Partially Completed)
 - Pipe Lining Project “B”
 - Pipe Lining Project “C”
 - Pipe Lining Project “D”
- Squirrel Creek Diversion & Midway Drive Detention Basin Expansion Project
- Squirrel Creek Improvements Project
- South Central Storm Sewer Project
- Governor Rd./LaHonda Dr./Heritage Rd./Pittsburg Ave. Storm Sewer Project (Partially Completed)

The process of selecting qualified professional consultants – with experience in the planning and design of capital improvement projects similar to such projects – to assist with the planning, design, utility coordination, permit acquisition, easement acquisition, and contract document preparation activities required to implement such projects, resulted in the Department awarding such projects to the following qualified professional consultants:

- DLZ – Northeast Storm Sewer Project
 - Project Includes:
 - Pipe Lining Project “A” (Partially Completed)
 - Governor Rd./LaHonda Dr./Heritage Rd./Pittsburg Ave. Storm Sewer Project (Partially Completed)
- CBBEL – Squirrel Creek Diversion & Midway Drive Detention Basin Expansion Project
- Ciorba Group – Squirrel Creek Improvements Project
- American Structurepoint – South Central Storm Sewer Project
- Wessler – Pipe Lining Project
 - Project Includes:
 - Pipe Lining Project “B”
 - Pipe Lining Project “C”
 - Pipe Lining Project “D”

Each of these projects presents its own unique challenges and requires the completion of its own project-specific scope of work, which were developed in coordination and collaboration with the selected qualified professional



consultants. Some of the projects require more intensive design, with the design of the storm water and drainage infrastructure construction/reconstruction projects requiring more design effort than the pipe lining project, and involving tasks including, but not limited to, establishing storm sewer structure rim and invert elevations, determining pipe sizing, developing storm sewer and storm sewer structure details and construction requirements, setting storm sewer structure (e.g., curb inlets, catch basins, manhole) locations, conducting basic roadway design (e.g., establishing geometric layout and pavement grade elevations), developing restoration details and construction requirements, and coordinating with utilities to resolve any conflicts between existing utilities and the proposed improvements. The pipe lining project involves confirming the applicability of pipe lining, confirming pipe sizing and alignment, determining and developing construction requirements for the proper pipe lining method(s), setting access point (i.e., storm sewer structure) locations, and developing access point (i.e., storm sewer structure) details and construction requirements.

Additional information about the status of each of the projects is provided below. Please see the “Project Information Memorandum” dated May 25, 2018, for information about each project.

Northeast Storm Sewer Project

A summary of the current project status is presented below.

- Task 1: Preliminary Engineering – Complete.
- Task 2: Storm Sewer CCTV Inspection – Complete.
- Task 3: Topographic Survey – Complete.
- Task 4: Geotechnical Investigation – Complete.
- Task 5: Design & Construction Document Preparation – Complete.
- Task 6: Public Workshops – In progress. Public workshop #1 held Jun. 7. Public workshop #2 to be held Oct. 25.
- Task 7: Easement Agreement Preparation – Complete.
- Task 8: Easement Acquisition Assistance – In progress.
- Task 9: Utility Coordination – In progress.
- Task 10: Environmental Permit Acquisition Assistance – Complete.
- Task 11: Subsurface Utility Investigation – Complete; coordinated and performed by Porter Co. and DLZ.
- Task 12: Bid Phase Services – Complete.
- Task 13: Construction Administration – In progress.
- Task 14: Construction Observation – In progress.

A timeline for the project, based on the current project status, is presented in Exhibit 1.

Note that this project is currently in the construction phase, which represents a significant milestone in our efforts to repair and reconstruct the storm water management system serving Old South Haven.

Squirrel Creek Diversion & Midway Drive Detention Basin Expansion Project

A summary of the current project status is presented below.

- Task 1: Review of Background Information – Complete.
- Task 2: Conceptual Analysis of Midway Drive Detention Basins – Complete.
- Task 3: Topographic Survey – Complete.
- Task 4: Geotechnical Engineering/Soil Testing – Complete.
- Task 5: Updated XPSWMM Analysis (Modeling) – Complete.
- Task 6: Wetland Assessment – Complete.
- Task 7: Preliminary Engineering – In progress. Completion anticipated this month.



- Task 8: Final Engineering – To proceed upon completion of preliminary engineering.
- Task 9: Drainage Easement Acquisition Assistance – In progress; services provided as required.
- Task 11: Public Workshops – In progress. Public workshop #1 held Jun. 7. Public workshop #2 will be held just during or just after the bid phase.
- Task 13: Agency Coordination & Project Meetings – In progress; project coordination will continue throughout duration of the project.

A timeline for the project, based on the current project status, is presented in Exhibit 1.

Squirrel Creek Improvements Project

A summary of the work completed to date on the project is presented below.

- Task 1: Coordination Meetings/Public Workshops – In progress. Public workshop #1 held Jun. 7. Public workshop #2 will be held just during or just after the bid phase.
- Task 2: Field Investigations – Complete.
- Task 3: Alternatives Analysis – Complete.
- Task 4: Detailed Design – In progress.
- Task 5: Quantity Calculations & Estimates – In progress.
- Task 6: Permitting – In progress.
- Task 9: Project QA/QC – In progress; project QA/QC will continue throughout duration of the project.
- Task 10: Project Management & Administration – In progress; project management & administration will continue throughout duration of the project.
- Task 11: Environmental Documents – In progress. Wetland delineation & wetland determination report has been completed.
- Task 12: Geotechnical Services – Complete.
- Task 13: Topographic Survey & Plats of Easement - In progress; topographic survey complete; easement services provided as required.

A timeline for the project, based on the current project status, is presented in Exhibit 1.

South Central Storm Sewer Project

A summary of the work completed to date on the project is presented below.

Study & Report Phase

- Task 1: Project Kickoff Meeting – Complete.
- Task 2: Identify Information Needed from Department – Complete.
- Task 3: Identify Applicable Project Requirements – Complete.
- Task 4: Identify & Evaluate Alternatives – Complete.
- Task 6: Wetland Delineation & WOTUS Report – Complete.
- Task 7A: Hydrologic & Hydraulic Model Review & Analysis – Complete.
- Task 7B: Utilities Investigation – Complete.
- Task 8: Project Meetings/Public Workshops – In progress. Public workshop #1 held Jun. 7. Public workshop #2 will be held just during or just after the bid phase.

Preliminary Design Phase

- Task 1: Preliminary Design Phase Documents – In progress.
- Task 2: Field Survey/Topographic & Utility Mapping – Complete.
- Task 3: Additional Reports & Data – Complete.
- Task 4: Preliminary Quantity Calculations & Estimates – In progress.

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- Task 5: Preliminary Permitting – In progress.

Final Design Phase

- Task 1: Final Design Phase Documents – To proceed upon completion of preliminary design phase.

A timeline for the project, based on the current project status, is presented in Exhibit 1.

Pipe Lining Project

A summary of the work completed to date on the project is presented below.

Field Investigation & Survey Phase

- Task 1: Project Kickoff Meeting – Complete.
- Task 2: Prepare Resident Notification Letters Regarding Field Investigation & Survey – Complete.
- Task 3: Preliminary Site Walkthrough – Complete.
- Task 4: Storm Sewer Structure Inspections – In progress.
- Task 5: Topographic Survey – In progress.

Storm Sewer Cleaning & CCTV Phase

- Task 1: Review Existing CCTV Inspection Videos – Complete.
- Task 2: Prepare Bidding Documents for Cleaning & CCTV Inspection – Complete.
- Task 3: Review & Revise Bidding Documents with Owner – Complete.
- Task 4: Release Bidding Documents – Complete.

Design Phase

- Task 1: Coordination Meetings/Public Workshops – In progress. Public workshop #1 held Jun. 7. Public workshop #2 will be held just during or just after the bid phase for the CIPP lining.
- Task 2: Review & Tabulate CCTV Inspection Results – In progress.
- Task 3: Review & Tabulate Storm Sewer Structure Inspection Results – In progress.
- Task 4: Collaborate with Specialty Contractors – In progress.
- Tasks 5-7: Design & Construction Document Preparation – In progress.
- Task 8: Utility Coordination – In progress; services provided as required.

A timeline for the project, based on the current project status, is presented in Exhibit 1.

Note that the storm sewer cleaning and televising component of this project is currently in the bid phase. Sealed bids for the project will be received until 9:00 a.m. local time on Tuesday, October 30, 2018, at the Office of the Auditor of Porter County, 155 Indiana Ave., Ste. 204, Valparaiso, Indiana 46383. Bids will be opened and read aloud on Tuesday, October 30, 2018, at a meeting of the Porter Co. Storm Water Management Board, to be held at 9:00 a.m. local time at the Porter County Administration Center, 155 Indiana Ave., Ste. 205, Valparaiso, Indiana 46383. A contract for the project is expected to be awarded at the Tuesday, November 13, 2018, meeting of the Porter Co. Storm Water Management Board, with the cleaning and televising work anticipated to begin in late November.



2. SUMMARY

Based on the current project status, projected construction dates for the projects included in Phase 1 of the Project are presented below.

- Northeast Storm Sewer Project – Fall 2018–Spring 2019
- Squirrel Creek Diversion & Midway Dr. Detention Basin Expansion Project – Spring–Summer 2019
- Squirrel Creek Improvements Project – Winter 2018/2019–Spring 2019
- South Central Storm Sewer Project – Summer–Fall 2019
- Pipe Lining Project – Winter 2018/2019–Summer 2019

DISCLAIMER: Projected construction dates subject to change during the project planning and design process.

Project construction dates have been staggered to minimize the impact of construction on vehicle traffic, pedestrian traffic, and quality of life throughout Old South Haven.