

Lucas County Sanitary Engineer
Request for Qualifications/Proposals
2015 Sanitary Sewer System
Master Plan
ADDENDUM #1
February 20, 2015

This document is intended to provide additional information as a follow up to the pre-submittal conference on February 17, 2015.

1. The 2005 Sanitary Sewer Master Plan as referenced is actually the 2002 Sanitary Sewer Master Plan and is included as a new attachment. **Attachment 1**
2. RedZone Robotics provided a sewer condition assessment video and report of the McCord Road Interceptor (10 miles of 54' to 90" gravity sanitary sewer). A Sample of a section of the 90-inch sanitary sewer report is attached. **Attachment 2**
3. Our reference to the existing sanitary sewer atlas maps are depicted in the Township maps as attached. **Attachment 3**
4. We have included an attachment showing the locations of the existing sanitary sewer pumping stations in the service area. **Attachment 4**
5. We currently have one Hach DDS flow meter installed in the 66-inch sanitary sewer just south of the San Engineer's office on McCord Road. We will provide login access to the successful consulting engineering firm. We expect recommendations on additional flow monitoring and can contract directly for those services outside the scope of this master plan.
6. We emphasized the enhancement of our existing GIS system and the overall desire to have the consultant perform services and assistance as an extension to LCSE staff. This includes SE staff efforts to perform quality control on layers that may be developed based on scripts to show age of sewers and flow arrows as well as pump station tributary areas and service areas based on community agreements. Please email jshaw@co.lucas.oh.us to receive a copy of the personal geodatabase for the sanitary sewer system.

7. LCSE staff will assist with identifying known areas of concern (odors, infiltration/inflow, developed un-sewered areas) to narrow the focus:

Tentative Listing -

Odor areas – a) McCord interceptor, south of railroad tracks, b) McCord interceptor at Airport Hwy c) Interceptor near Pilliod, d) Strayer Rd interceptor, between Salisbury & US20A e) Waterville/Whitehouse discharge to the interceptor and f) Jerusalem Twp PS #7 discharge

Infiltration/Inflow areas – a) Fullers Creekside b) Alexis Place c) Lincoln Green d) Ottawa Hills e) Mitchaw Rd f) Bentbrook PS area g) Whiteford PS area and h) other PS areas that may be evident based on Mission Communications data

Developed un-sewered areas – a) Shoreland, northerly of Summit b) Southwest of Central & Centennial c) Northeast Sylvania Township and d) other critical areas defined in the "208" plan or as identified by the Health Dept.

8. Exhibit "A" Sample Project Tasks Outline, 2. Sewer Master Planning, D. **Clarification:** Prepare three PS operational models and recommend necessary controls to operate multiple pump stations discharging into a common force main at the following locations: a) Fallen Timbers PS & Whitehouse PS b) Jerusalem #7 PS & Jerusalem Elem/Eisenhower Elementary PSs and c) Toledo Express PS & private Airport PS.

Submittal Deadline

Sealed proposals containing three (3) copies must be received at the office of the Lucas County Sanitary Engineer no later than **3:00 p.m. March 4, 2015**. Information pertinent to the required services may be obtained from the undersigned. Proposals shall be submitted to:

James P. Shaw, III, P.E.
Lucas County Sanitary Engineer

Mailing & Delivery Address

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