

To: Mayor Susan A. Drucker
From: John J. Busch PE, City Engineer
Date: 7/30/2010
Subject: Status update for the week ending July 30, 2010

PUBLIC WORKS & ENGINEERING

A. Under Study and/or Design

1. **Chagrin North Tributary Study** - Status unchanged. This project is on hold pending the completion of the design of the Briarhill Lake Dam Project. The consultant will then revise the model and finalize the study.
2. **St. Mary's Stream Bank Stabilization** - Status unchanged. The bid opening for this project has been delayed due to the time needed to verify the flow rates used in the design. A meeting with the design consultant will be scheduled for either next week or the week after to discuss the discrepancies in the flow rates used for the design.
3. **Cochran/Carter Left Turn Modifications** - Status unchanged. This project will bid early in the spring of 2011. The Engineering Department is seeking appraisals for two small areas that require additional Right-of-Way.
4. **Portz/Aurora Signal Modification** - Status unchanged. This issue is currently before the Safety and Public Properties Committee.
5. **Traffic Master Plan Update** - Status unchanged. The Consultant has submitted the appendices to the Master Plan and they are under review.
6. **Storm Water Modeling** - Status unchanged. The Engineering Department is considering ways to validate the three storm water models that have been developed over the last two years.
7. **Solon Road Sidewalk Improvements** - Status unchanged. This project has been taken off the schedule for this construction season and has been re-scheduled for next year, 2011.
8. **Liberty Hill Detention Basin Inlet Modification** - Bids were opened on July 23rd and will be presented at the August Public Works Committee meeting.
9. **SOM/Cannon Intersection Improvements** - Status unchanged. The City is waiting for the potential funding for this project from the Federal Transportation Bill. This project will be designed this year (2010) and construction is anticipated for 2011.
10. **The Preserve Subdivision Modifications Phase II** - Status unchanged. This phase included a comprehensive study of the sanitary and storm sewers in the Silkwood and Nightshade area. The Engineering Department is considering a proposal from the Consultant with regards to the design of a relief storm sewer on Silkwood.

11. **The Preserve Subdivision Modifications Phase III** - Status unchanged. The Engineering Department has received comments from the Army Corps concerning our permit application for reconstruction and expansion of the wetlands located north of Pettibone Road. Funding through the Ohio EPA for this project has been denied. The Chagrin River Watershed Partners will assist us in exploring other potential funding options.
12. **The Allotment Infrastructure Improvement Project, Phase II B** - Status unchanged. This project has been taken off the schedule for this construction season (2010) and has been re-scheduled for next year, 2011. The City of Solon is on a contingency list to receive funding for this project through the Ohio Public Works Commission.
13. **Sanitary Sewer Master Plan Update** - Status unchanged. The consultant presented the draft report on Tuesday, January 26th. The various departments are reviewing the report.
14. **Intersection Traffic Signal Rehabilitation and Upgrade** - Status unchanged. Design is on-going.
15. **Limberlost Storm Sewer Improvements** - Status unchanged. This project has been taken off the schedule for this construction season (2010) and has been re-scheduled for next year, 2011.
16. **Service Department Salt Storage Facility** - Bids were opened on July 23rd and will be presented at the August Public Works Committee meeting.
17. **Pepperwood Drainage Improvements Phase II** - Status unchanged. The topographic survey within the right-of-way is complete and the storm water model is being reviewed and updated. The Consultant needs rights-of-entry for additional survey work on private property.

B. Construction

1. **Pettibone Road Infrastructure Improvement Project** - The south side of the roadway in Phase III is being undercut and will be stabilized next. Installation of the underdrains on the north side of the road is complete and curb work has been started. Traffic in Phase II from SOM to Liberty has been moved to the south lane and subbase, asphalt paving, drive apron, and sidewalk work is on-going in the north lane.

2. **2008 Annual Contracts:**

Contract	Status
Catch Basin Repair	Close out documents have been sent to the Contractor

3. **Independence Court and Trails End Road Rehabilitation** - Status unchanged. When final restoration and punchlist items are accepted, this project will be closed out.

4. **2009 Annual Contracts:**

Contract	Status
Street Striping	This contract has been extended into 2010 in order to perform striping on Pettibone Road.
Roadside Restoration	A punchlist has been developed and retainage is being held.

Sanitary and Storm System	Close out documents have been prepared and sent to the Contractor.
Materials Testing	Close out documents have been prepared and sent to the Contractor.
Asphalt Repair	Close out documents have been prepared and sent to the Contractor.

- 5. Woodbury Detention Basin Outlet Modification and Expansion** - Status unchanged. Tree clearing is complete. Much of the earthwork needed to expand the basin will be performed under the Service Garage Salt Storage Facility project. This site will be used as a borrow pit. Fine grading and restoration will be included in this project.
- 6. Ada Drive Road Rehabilitation** - The Contractor is addressing punchlist items. This project will be closed out soon.
- 7. 2010 Annual Contracts:**

Contract	Status
Street Striping	Striping work is on-going
Concrete Repair	The work on this project is complete and will be closed out soon
Sanitary and Storm System Repair	Work is being performed on an as-needed basis
Materials Testing	Work is being performed on an as-needed basis
Preventative Maintenance Program - Type III	Work is being performed in various places throughout the City
Asphalt Repair	Work will commence in the next week or so
Emergency and Miscellaneous Roadway Repair	Work is being performed on an as-needed basis
Polymer Modified Joint Seal	Work is being performed in various places throughout the City
Sewer Grouting	Authorization to re-bid has been approved. Engineering will verify the bid quantities before setting the new bid date.

- 8. Bainbridge Road Reconstruction** - The asphalt paving on the south side of Bainbridge Road from "island area" from SOM to City Hall is complete except for the surface course and traffic has been transferred. Storm sewer installation on Bainbridge Road west of South Huntington is on-going. Installation of the box culvert that extends from South Huntington to North Huntington has been on hold while the waterline is lowered. Work on the temporary roadway from City Hall to Liberty has been started.
- 9. Pepperwood Drainage Improvements Phase I** - Work in the easement areas is substantially complete. The pavement on the north side of Pepper Drive will be paved on Monday, August 2nd, weather permitting.

- 10. North Huntington Basin Expansion** - The earth work for this project is nearly complete. The Contractor has encountered very poor soil conditions in some areas that need additional work.
- 11. Miles and Harper Intersection** - Work is underway in the Village of Orange. Two way traffic will be maintained.
- 12. Water Reclamation Anaerobic Digester and Electrical Upgrades** - Bids for this project were opened on July 16th and they will be presented at the September Public Works Committee meeting.

SAFETY & PUBLIC PROPERTIES COMMITTEE

A. Under Study and/or Design

- 1. Briar Hill Lake Dam** - This project is on hold pending receipt of a permit from the Army Corps of Engineers.
- 2. Fire Alarm/Suppression System Improvements for City Buildings** - Status unchanged. City Council authorized the project for bidding. A schedule for advertising the project is being prepared.
- 3. Solon Arts Center Crosswalk Improvements** - Status unchanged. The Engineering Department has been in contact with a supplier to develop options for providing flashing signage to improve safety at the crosswalk from the Arts Center across Bainbridge Road. This project is on hold pending the reconstruction of Bainbridge Road.

B. Construction

- 1. Veterans Park Project** - The Public Works Department expects the eagle sculpture to arrive soon.
- 2. South Sulfur Spring Restoration Project** - Status unchanged. This project is nearly complete. Outstanding issues include the final grading of the spoils area and fall plantings.

C: Jim Stanek; Joan Milhoan; Tom Bandiera; Dan Driscoll