

Four Corners Sewer Collection System



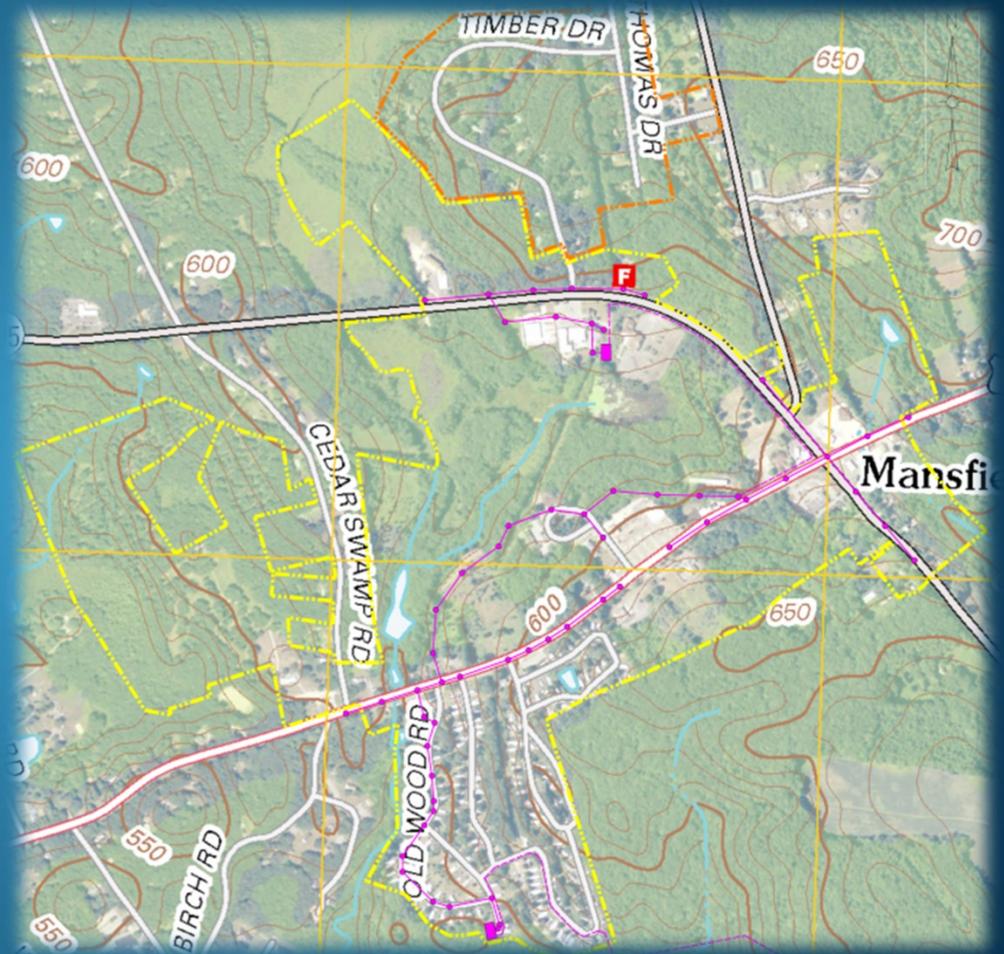
Town of Mansfield, Connecticut

Four Corners Sewer and Water Advisory Committee

April 17, 2014

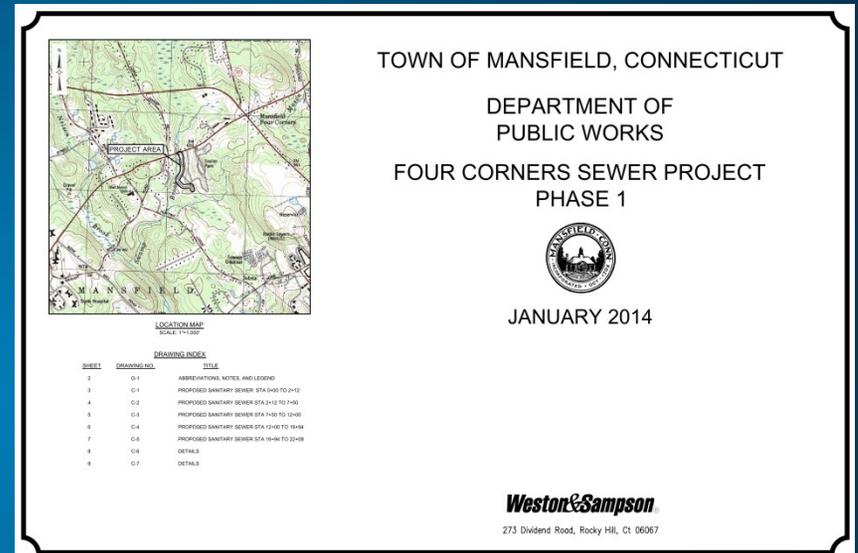
Presentation Summary

- Engineering Services Proposal
- Schedule
- Project Update



Engineering Services Proposal

- Survey
- Geotechnical and Subsurface Investigation Program
- Permitting
- Design Engineering
- Benefit and Tax Assessment / Implication Evaluation
- Public Awareness Program
- Bidding Services
- Construction Engineering Services



Field Work

➤ Survey

- Supplement existing survey
- Identify locations of existing septic systems
- Prepare easement maps for municipally owned pump stations
- Prepare construction and maintenance easement maps for sewer mains
- Wetland resource delineation

➤ Geotechnical and subsurface investigation program

- Conduct soils borings along all sewer main routes
- Complete two borings at pumping station site



Design Engineering

➤ Permitting

- Mansfield Inland Wetlands Commission
- Mansfield Planning and Zoning Commission
- CT Department of Transportation Encroachment Permit
- CT Department of Energy and Environmental Protection

➤ Design Engineering

- Submersible pumping station
- 24,700 linear feet of sewer main
- Coordinate on-site connections to sewer with each property owner
- Prepare individualized plans for locating sewer service stub
- Prepare technical specifications in accordance with Construction Specification Institute (CSI)
- Submit 75% and 100% Contract Documents and Opinions of Probable Construction Cost

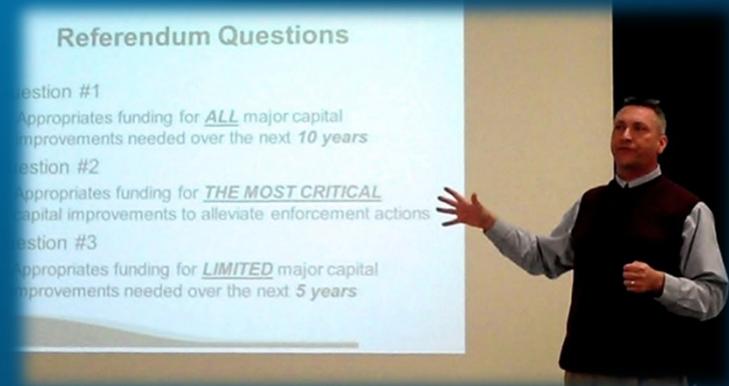
Public Awareness

➤ Benefit and Tax Assessment / Implications

- Review and evaluate existing ordinances for sewer assessment options
- Evaluate tax benefit provided by addition of sanitary sewer
- Provide recommendations for establishment of “Deferred Maintenance”

➤ Public Awareness Program

- Provide monthly updates for Town staff to distribute
- Conduct “Neighborhood Meetings” to involve residents and/or business owners



Schedule

COMPLETION DATE	DESCRIPTION
April 2014	Execute Agreements for Final Design of Collection System Network
May 2014	Complete Detailed Service Connection Survey
June 2014	Coordination Meeting with UConn, Connecticut Water, and ConnDOT
July 2014	Subsurface Investigation
	Public Informational Session
	Distribute Building Connection Form to Property Owners
	Coordinate with Property Owners
August 2014	Prepare 75% Design Plans and Opinions of Probable Construction Costs
	Benefit and Tax Assessment / Implications
	Draft Question Language for Referendum
September 2014	Submit Permit Applications
October 2014	Public Informational Session
November 2014	Referendum
	Prepare 100% Design Plans and Opinions of Probable Construction Costs

Project Update

- **Coordination meeting held on April 14, 2014**
 - **Connecticut Department of Transportation – District 1**
 - **Connecticut Department of Transportation – District 2**
 - **Connecticut Water**
 - **Town of Mansfield**
- **Four Corners is going to be BUSY!**
 - **Sanitary Sewer Project** **2015 – 2016**
 - **Water Main Project** **2014 – 2016**
 - **Traffic Signal Update** **2014**
 - **North Hillside Road Extension** **2014**
 - **Pavement Maintenance Program** **TBD**
- **Parties are committing to monthly Coordination Meetings**

THANK YOU !



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