

Town of Marion, Massachusetts

Phase 1A Construction
Project Meeting

February 26, 2014

Public Meeting

Presentation Overview

- Project Refresher
- Construction Schedule
- Construction Activities
- Town Coordination
- Project Communications
- Questions

2

Project Drivers

- Roadway condition and safety
- Pedestrian safety
- Condition of infrastructure
- Polluted stormwater discharges to harbor

Based on 10 years of capital planning and studies



3

Why South Street and Ryder Lane?

- Poorest condition roads in Village Area
 - Portion of South Street was 18 out a possible 100 points
 - Portion of Ryder Lane was 34 out of a possible 100 points
- Condition of drain pipes has been an on-going problem
- Isolated areas of flooding
 - Impacts pavement condition and roadway safety
- Improvements to two major drain outfalls will help address stormwater quality to Harbor



4

Phase 1A Work

- Ryder Lane, South Street, and Spring Street
- Repair 800 feet of sewer
- Replace 4,500 feet of drain
- Pave 3,000 feet of roadway
- Address flooding at Ryder Lane and Spring Street



5

Ryder Lane and Spring Street Work

- New drain pipes to replace deteriorated and undersized pipes
- New Old Landing drain outfall through sea wall with tide gate
- New Ryder Lane culvert to replace crushed pipe
- Stormwater filter unit
- Rebuild the roadway from Route 6 to Old Landing
- Provide connections to the property line for those properties found to have inflow source connected to the sewer
- Pruning/removal of existing trees and planting new street trees
- Improved street lighting

6

South Street Work

- New drain pipes to replace deteriorated and undersized pipes
- New drain outfall with tide gate
- Stormwater treatment unit
- Rebuild the roadway from Water Street to Pleasant Street
- New granite curbing
- ADA compliant concrete sidewalks, wheelchair ramps and driveway aprons
- Repairs to the sewer system
- Provide connections to the property line to those properties found to have inflow source connected to the sewer
- Pruning/removal of existing trees and planting new street trees
- Improved street lighting

7

New Tree Plantings

- Reviewed tree condition with Tree Warden and Tree Committee
- Confirmed with Tree Warden and Tree Committee a total of 8 trees to be removed and 15 new trees to be planted
- Planting trees on private property
- Tree Types
 - Red Sunset Maple
 - Red Oak
 - Kwanzan Cherry



8

New Tree Plantings (Cont.)

88 Water Street
38 South Street
40 South Street
48 South Street

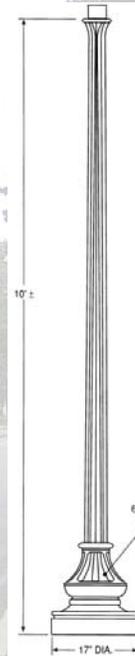
54 South Street
56 South Street
60 South Street
33 Pitcher Street



9

Street Lighting

- LED Lighting
 - NSTAR will reduce energy cost by about 25 cents per kilowatt hour
 - Dimmable to reduce lighting levels if desired
- Maintains current lighting levels
- Dark sky requirements
- Fixtures
- Light poles
- Removal of “highway style” cobra head lighting



Construction Activities

- Road and sidewalk conditions during construction
- Noise and dust control
- Hours of operation
- Utility disruptions
- Drain service connection layout
- Tree pruning and removal
- Tree planting
- Lawn, tree, driveway, and walkway restoration

Please coordinate with CDM Smith resident if you have a sump pump to the sewer system

13

What should you expect to see?

Drain Work



Sewer Work



Road/Sidewalk Work



14

Project Contact Persons

- DPW Department
 - Robert Zora, Superintendent (508) 748-3540
- Town Administrator
 - Paul Dawson, Administrator (508) 748-3550
- CDM Smith Resident Engineer
 - Tim Ives (508) 284-5019



17

Questions?



18