Town of Nantucket

Nantucket Harbor Shimmo & Plus Parcels Sewer Project

Public Outreach Presentation

to Interested Property Owners

March 21, 2017

Town of Nantucket

Nantucket Harbor Shimmo & Plus Sewers

Project Team:

- Town Administration
  - C. Elizabeth Gibson, Town Manager
- Nantucket Sewer Department
  - David Gray, Sewer Director
- Weston & Sampson
  - Kent Nichols
  - Steve Pedersen
  - Laurie Toscano
- Owner's Project Manager (OPM)
  - Frank Ayotte, Hazen-Sawyer
- Construction Contractor (TBD)

Agenda

- Project Background - A Look Back
- Project Status & Details - Current Snapshot
- Continuing Project
  - A Look Ahead
  - Cost Considerations
  - Anticipated Schedule
  - Ways to Stay Connected
- Question & Discussion and Community Input

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Project Background - A Look Back:

- Comprehensive Wastewater Management Planning effort Recommended Sewer Extension Areas in the Surfside WWTF tributary

Nantucket
Wastewater Management Plan Update
Comprehensive Wastewater Management Plan (CWMP) Update Complete

Wastewater Plan Update

TOWN OF NANTUCKET BOARD OF SELECTMEN

Project Background - A Look Back:

- These specific Areas were Voted by Nantucket Town Meeting, April 2016 to proceed to Implementation
  - Nantucket Harbor Shimmo Area
  - Plus Parcels Sewer Areas - 4 infill areas
    - Meadow View Drive Area
    - Bayberry Lane Area
    - Tashama/Maclean Area
    - Green Meadows Area

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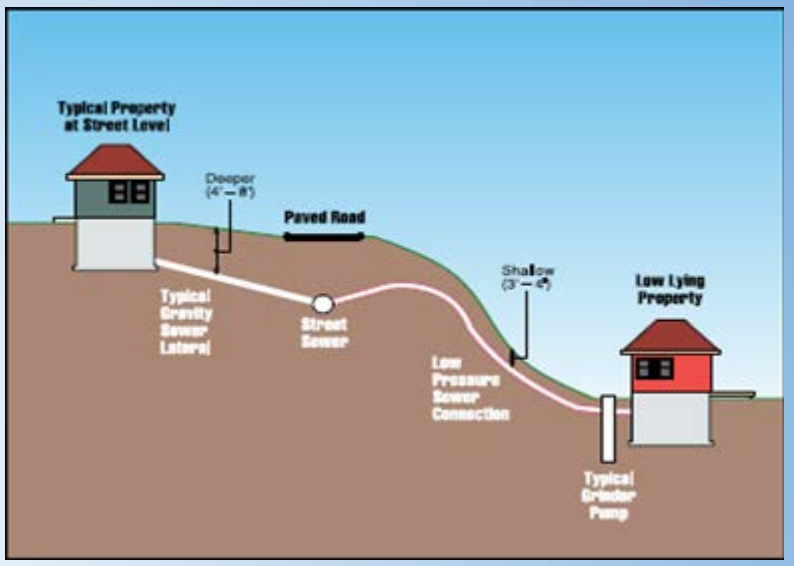
Project Status & Details - Current Snapshot:

- Need for Sewer Extension Project (from CWMP)
- Basis of Design Report Completed
  - Refined Areas
  - Evaluated Technologies/Alternatives
    - Gravity with Pump Stations
    - Low Pressure with Grinder Pumps
    - STEP Systems
    - Vacuum Systems
    - SDVS Systems
    - Hybrid Systems
  - Recommended a Hybrid System with Gravity and Low Pressure
  - Developed Preliminary Layouts



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Project Status & Details - Current Snapshot:

- Refined Sewer Connection Points
- Field Survey & Subsurface Investigations
  - Roadway & Existing Utility Survey
  - Building Sill Elevations Survey
  - Soil Borings & Geotechnical Investigations
  - CCTV Investigation for Downstream Capacity Analysis
- Development of Plans & Specifications
- Project Permitting
  - Natural Heritage & Endangered Species Program
  - Archaeological Sensitivity Analysis
  - Conservation Commission Notice of Intent
  - Nantucket Historic District Commission

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Project Status & Details - Current Snapshot:

- Properties Served by Proposed Sewer Extensions
  - Approximately 360 properties to be Connected
- Conventional Gravity Sewer (approx. 13,000 feet)
  - Meadow View, Tashama/Maclean & Green Meadows Areas
  - Including 2 Pump Stations with 5,000 feet of force main
- Low Pressure Sewers (approx. 32,000 feet)
  - NH Shimmo & Bayberry Areas
  - Low Pressure Approach Required due to Topography
  - Systems Require Individual Pump Units for Each Home

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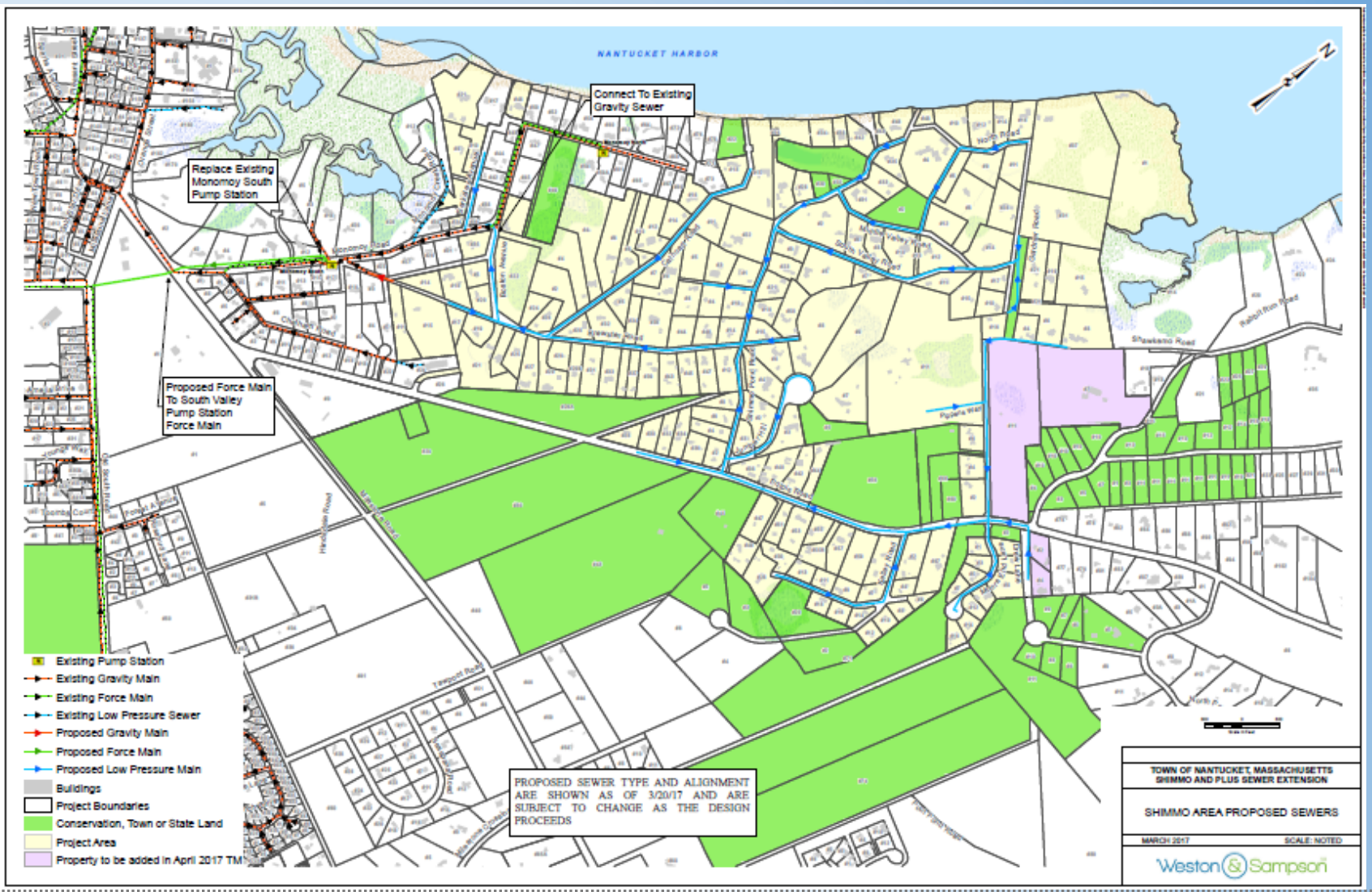

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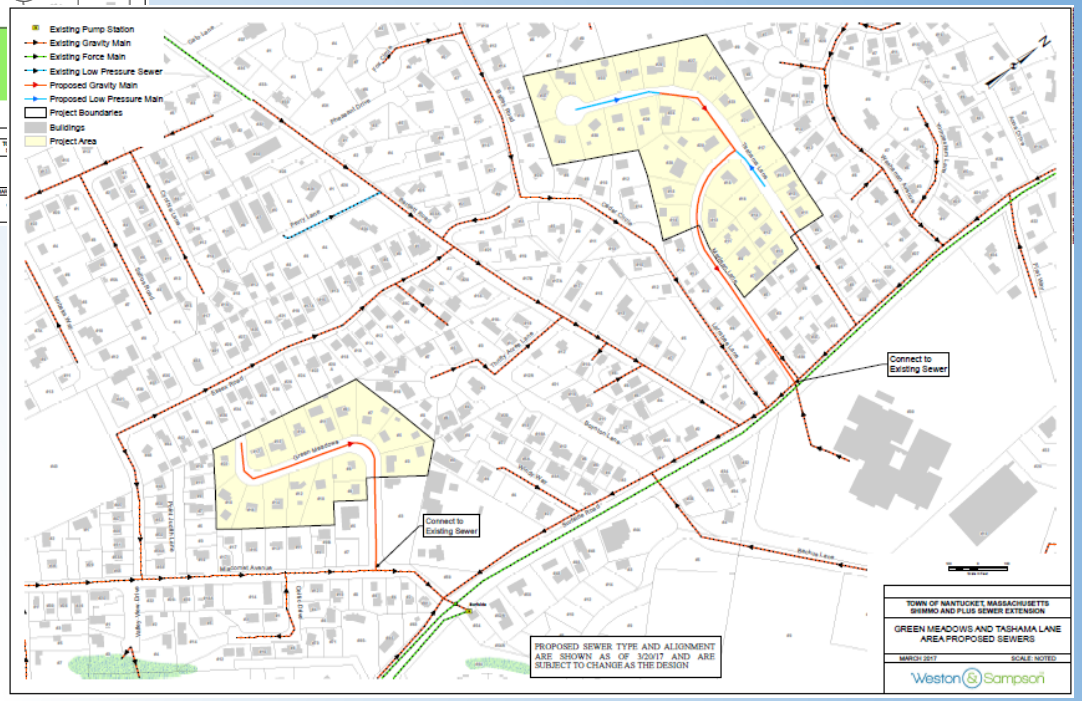

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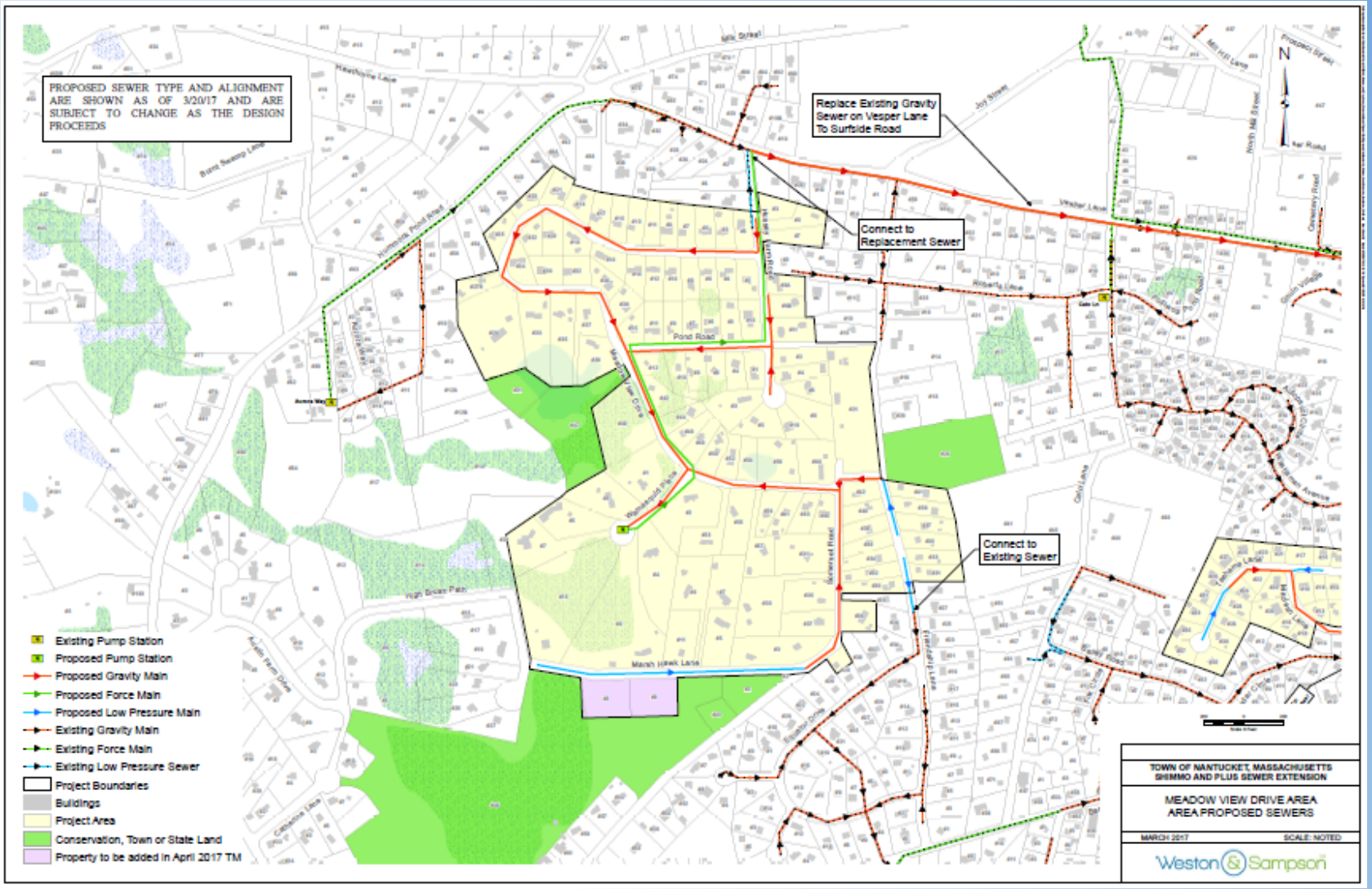

Continuing Project - A Look Ahead:

- Continued Public Outreach
  - Future meeting venues
  - Town website postings
  - Local newspaper
  - Social media: Twitter
- Utility Easements for Private Roads
- Traffic Management
  - Coordination with Police, Fire , Ambulance & Busses
  - Advance Notice of Temporary Changes to Traffic Flow & Detours

Continuing Project - A Look Ahead:

- Finalize Contract Documents following DEP Review
- Finalize Permitting
- Project Bid Phase
- Project Construction Phase
  - Off-season Construction Period
  - Meeting prior to Construction
  - Resident Representative on-site during Construction
- On-lot Considerations
  - Individual Property Connections

Continuing Project – Cost Considerations:

- 2016 Town Meeting Appropriation
  - Technical, Legal & Administrative Support
  - Construction Costs
    - Sewer in roadways
    - Connection stubs to edge of roadway
    - Surface Restoration of roadways
- Private Property Cost Considerations
  - Sewer Connection Fee
  - Privilege Fee
  - Pipeline & Appurtenances on Individual Property

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Anticipated Continuing Project Schedule:

• Finalize Design & Permitting	Ongoing
• Advertise/Receive Construction Bids	May 2017
• Award Construction Contract	June 2017
• Construction Start	September 2017
(Construction will Avoid Summer 2018 Season)	
• Construction Complete	October 2018

Continuing Project - A Look Ahead:
Ways to Stay Connected

- Town website: www.nantucket-ma.gov/NHS-Plus-Sewer
- Local newspaper: The Inquirer & Mirror
- Social media: Twitter
- Subscribe to receive project news via e-mail
- Continuing meeting venues
  - Town Groups - Rotary Club March 22nd
  - Neighborhood Associations - May 15th & 16th & July 22nd
  - Meeting prior to Construction - August 9th
- Project Contacts during Construction

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