

Public Informational Meeting #1

Regional Wastewater Management Project

Jay Sheehan, PE

Dave Prickett, PE

September 30, 2014 at 7:30 pm

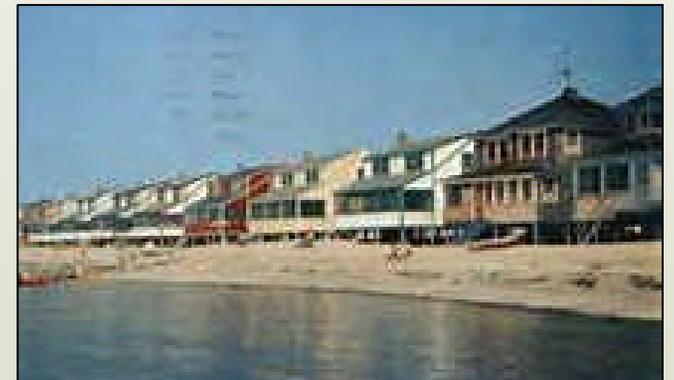
Town Hall Meeting Room





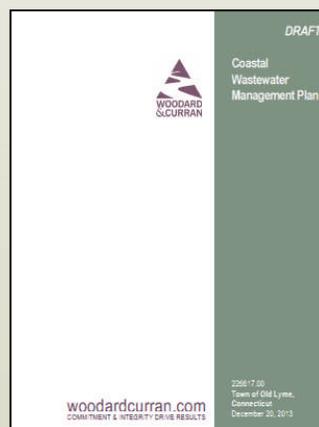
OUTLINE

- **Proposed Project & Costs**
- **Implementation Plan**
- **Town Meeting**



Why Are We Here?

- **Seven studies by four different experts**
 - Same conclusions
 - CT-DEEP confirmed community pollution problems
- **Public involvement**
 - 20+ public board/committee meetings over past 18 months
 - 6 additional public informational sessions



www.oldlyme-ct.gov/Pages/OldLymeCT_projects/

What Were Conclusions of the Study?

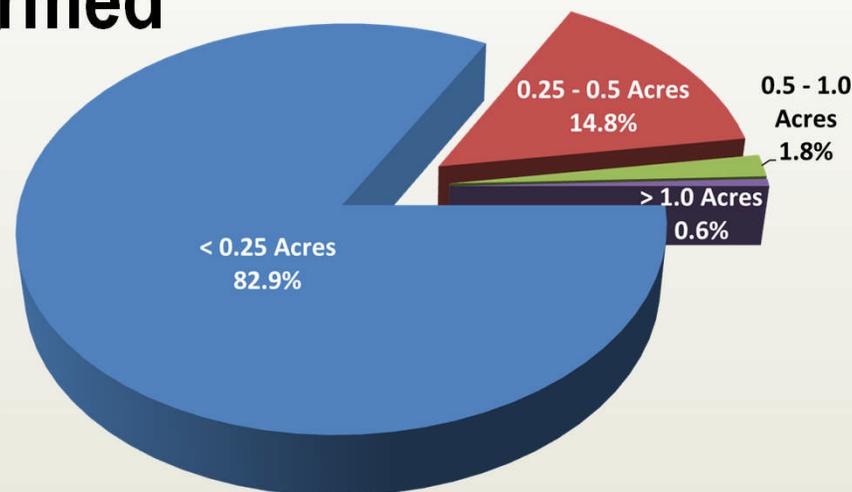
■ Pollution Problems Confirmed

- Poor soils & high GW
- Density of development
- Sub-standard systems

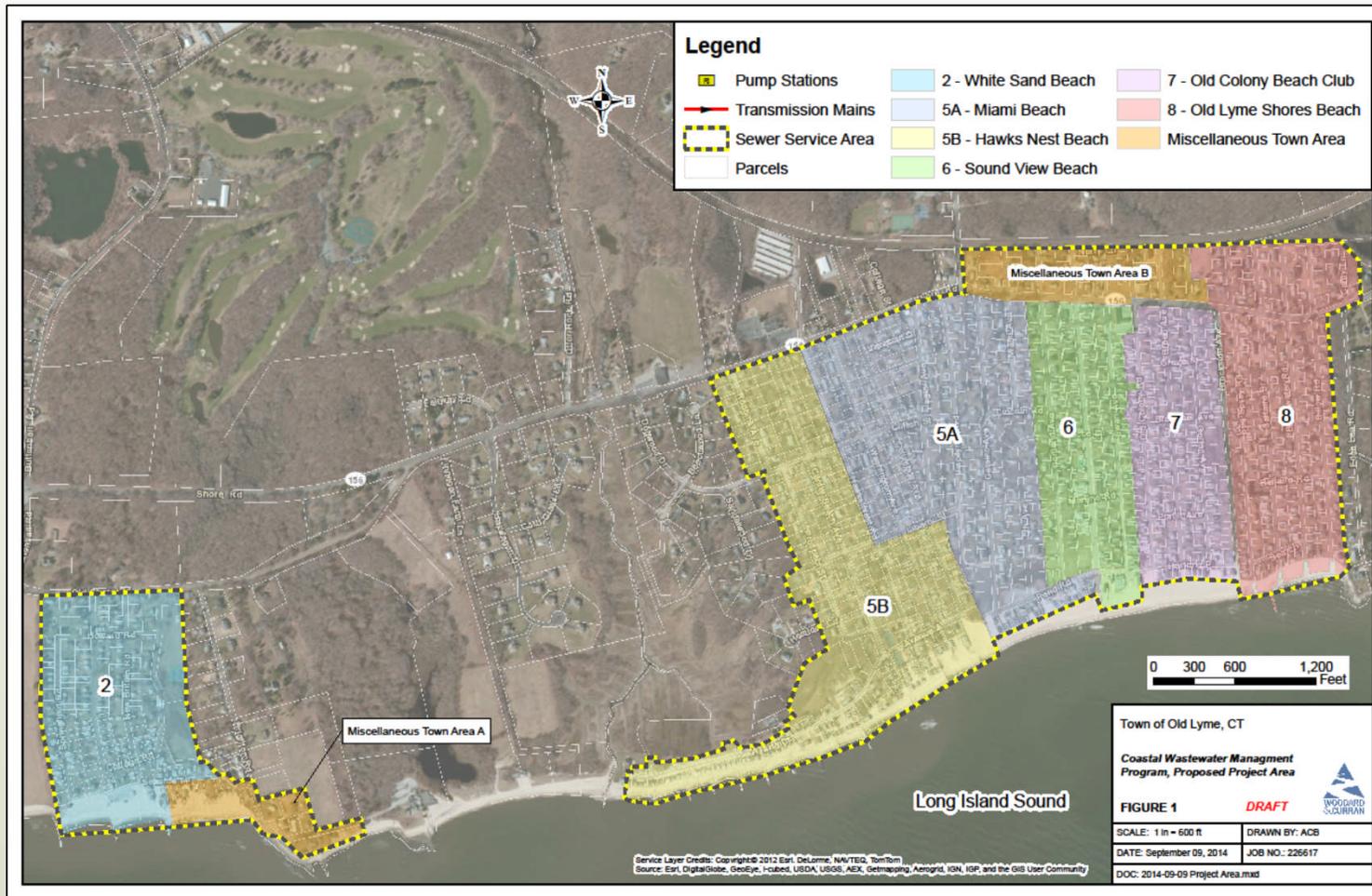
■ Alternatives Evaluated

- On-site / decentralized - not feasible
- Local / regional centralized - feasible

■ Developed Costs



Where is the Project Area?



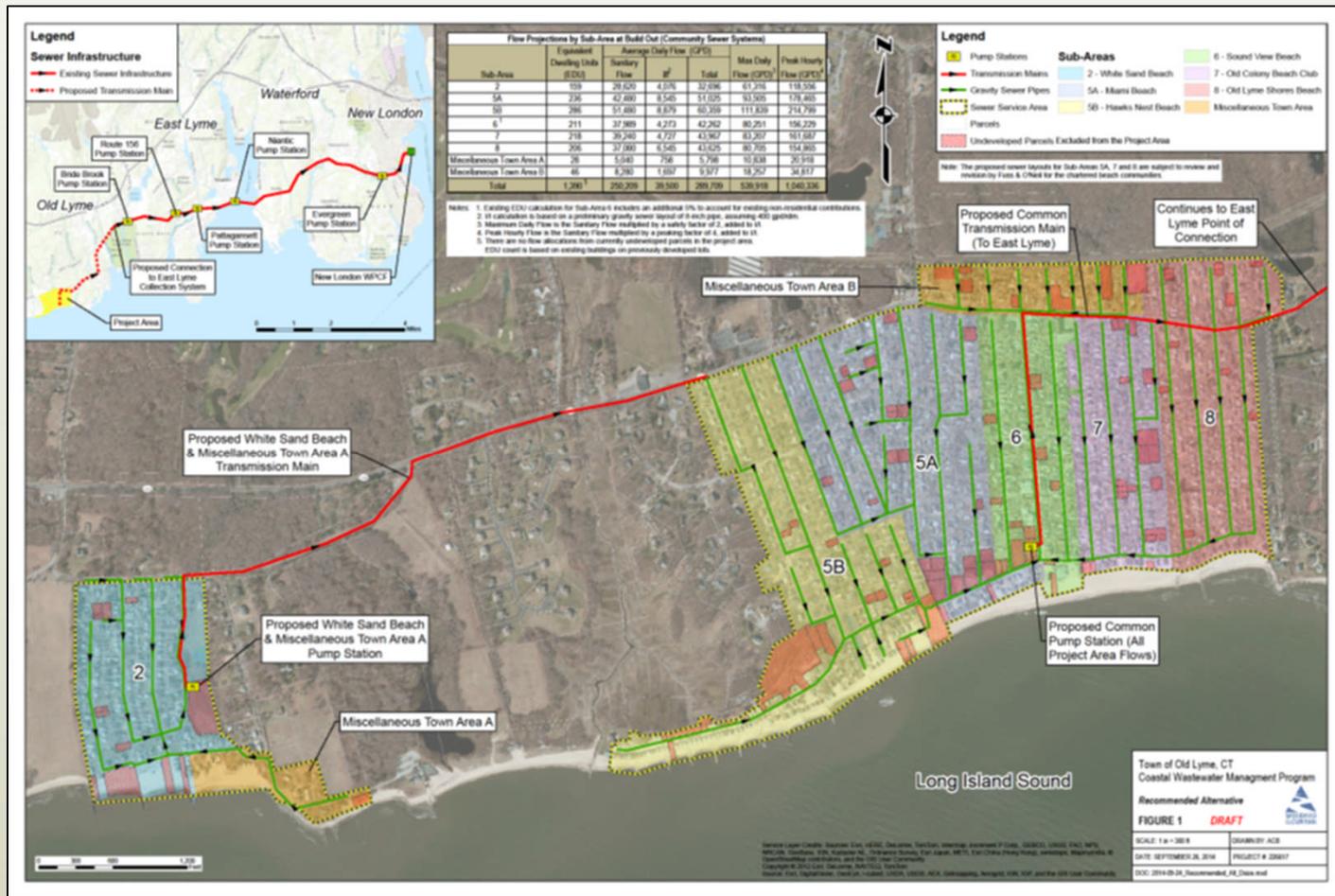
- White Sand
- Hawk's Nest
- Miami Beach
- Sound View
- Old Colony
- Old Lyme Shores
- Misc. Town Area A
- Misc. Town Area B



What Is the Recommended Plan?

Regional Alternative

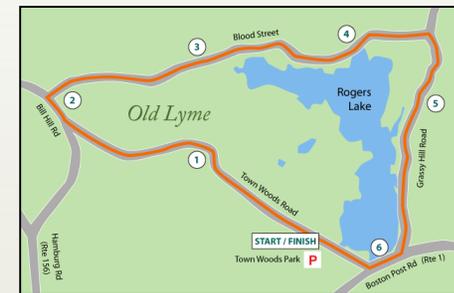
- Extension of sewers to project area from East Lyme & Waterford with treatment at New London WPCF



Is the Whole Town Being Sewered?

- **Project Area only**
 - Sewer only in the high needs area (along the coastline)

- **Future areas of consideration**
 - Rogers Lake – not included
 - Lyme Street – not included
 - CT-DEEP supports decentralized wastewater management solutions where technically and economically feasible



Have Design Decisions Been Made?

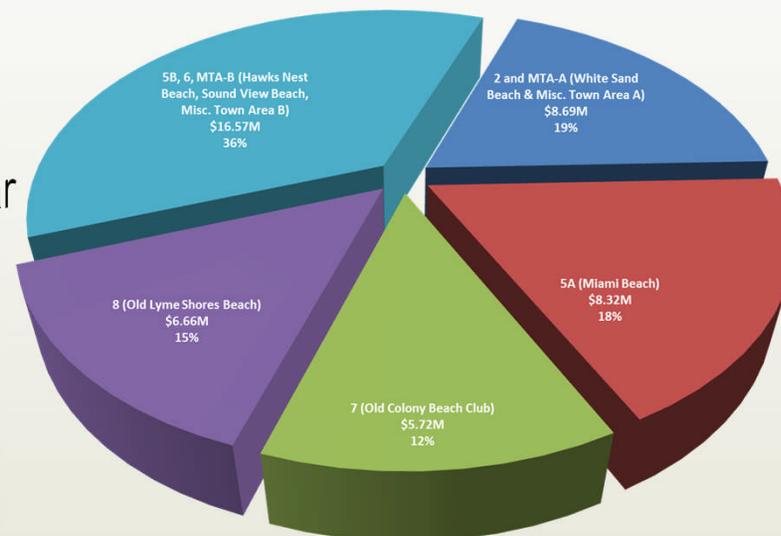
- **Planning phase**
 - Emphasized project area limits & quantities
 - Cost estimates not dependent upon final pump station locations
- **Detailed design phase**
 - Winter 2014 (following Town Meeting)
 - Pump Stations - Basis of design, locations & aesthetics to be vetted during design phase



How Much Will Project Cost?

■ Total Cost Estimate

- \$42.4M (2014 costs); \$46.4M (2017 costs)
- 3% anticipated escalation per calendar year
- Approximately \$1M increase per year



■ Cost Components

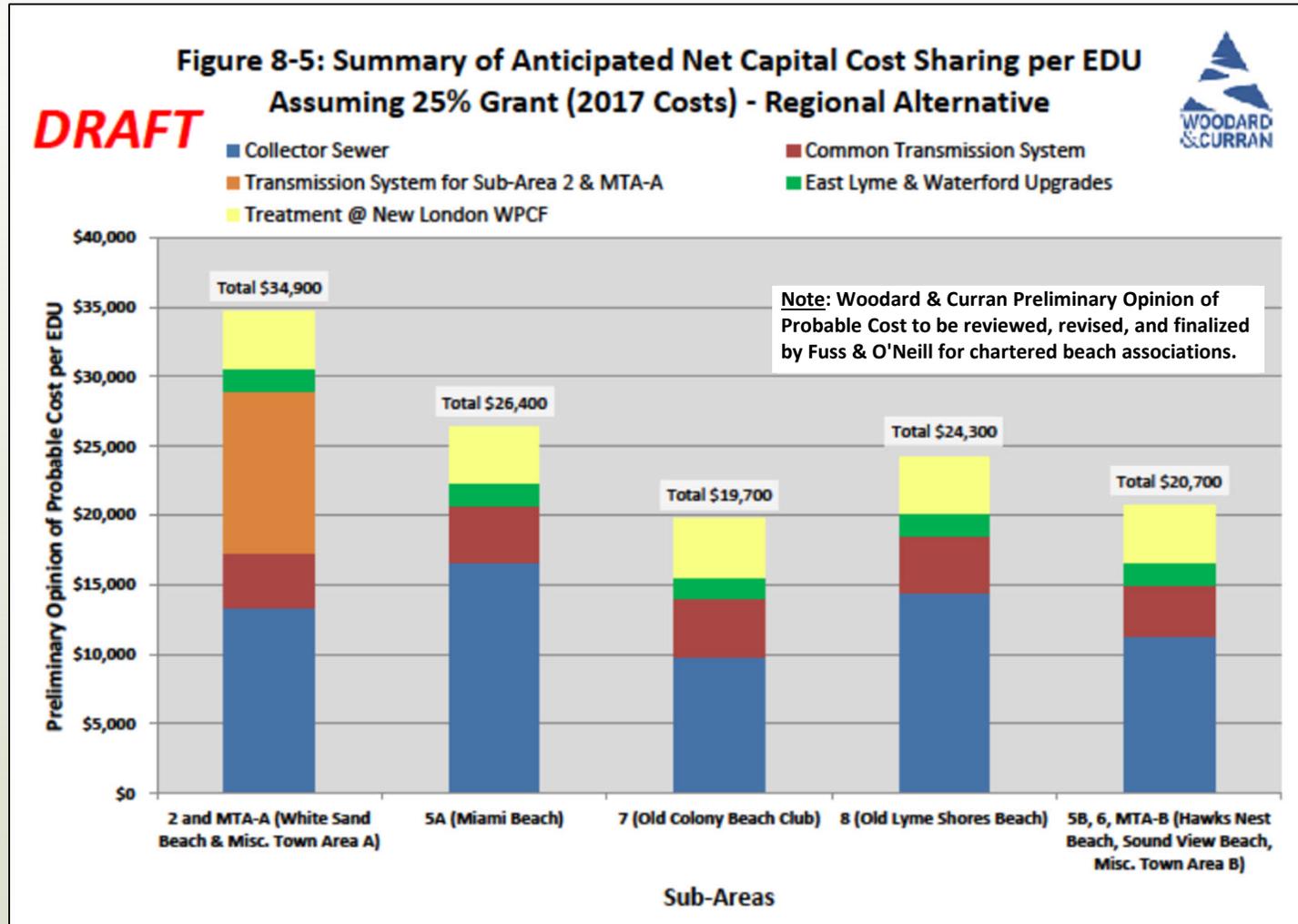
- Collection sewers
- Transmission system (pump stations / force mains)
- Conveyance in East Lyme & Waterford
- Treatment capacity in New London

■ Payment & Repayment

- Town to bond project
- Sewered property owners to repay in full



What Are the Unit Capital Costs?

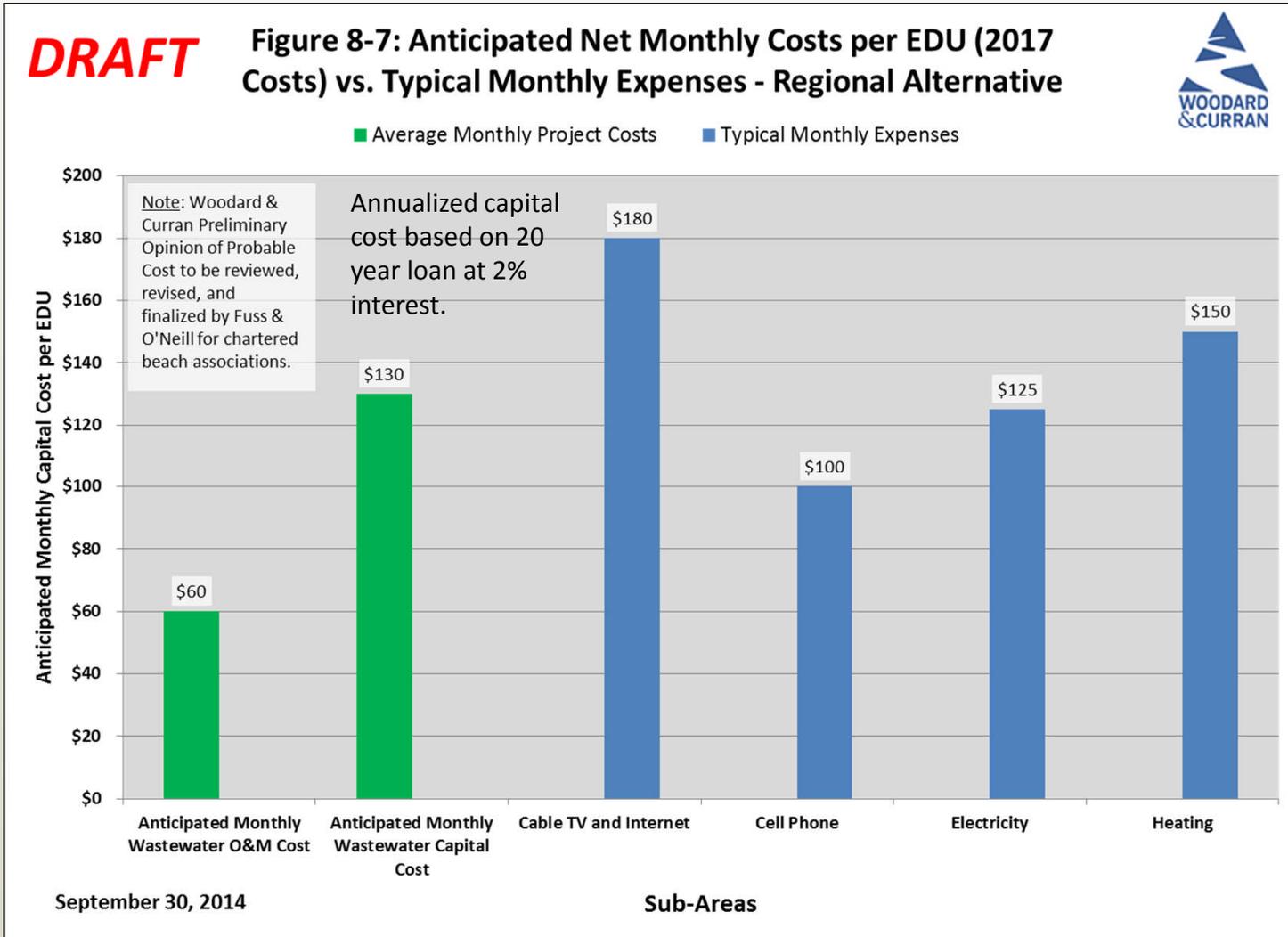


- Projected Sewer Assessments average \$24,000 (using unified approach)
- Assessment consistent with similar project in Connecticut



What Are the Monthly Costs?

Projected monthly sewer costs vs. typical utility bills



What is the Anticipated Schedule?

- **Planning**
 - March 2013 thru October 2014
- **Town Meeting**
 - October 27, 2014
- **Design**
 - 2015
- **Construction**
 - 2016 thru 2018



What is Purpose of Town Meeting?

- **Requesting authorization by voters for the Town to bond project costs**
 - Includes the costs related to the Town project areas
 - Excludes the costs related to the chartered beach associations
 - Revenues to pay back debt service will be borne by the sewer property owners
 - Town will be reimbursed for project costs



What Does a “Yes” Vote Mean?

- **A “yes” vote at Town Meeting means:**
 - Residents authorize Town to bond project costs to be repaid by project area assessments
 - No change to the Town’s mill rate, as only project area is assessed for project costs

*A “yes” vote does not determine
whether sewers proceed*



What Does a “No” Vote Mean?

- **A “no” vote at Town Meeting means:**
 - Residents do not authorize Town to bond project costs to be repaid by project area assessments
 - Chartered beaches will proceed on their own
 - Their cost increases by > \$6,000 per EDU
 - Town beaches will proceed later
 - Overall cost increases by > \$500,000 per year
 - Unit cost increases by > \$8,000 per EDU plus
 - Potential loss of \$5M project grant

*A “no” vote does not determine
whether sewers proceed*



Questions & Answers

Public Info Meeting #2
October 14, 2014 at 7:30 pm
Town Hall Meeting Room

