

# Eagle Harbor Sewer Beach Main Rehabilitation Project

Wing Point Way Community Meeting

February 7, 2013

# Why Are We Holding This Meeting?

- To provide you with a brief project update, discuss future challenges, answer questions, and listen to your concerns.
- And to prevent future...



# Background

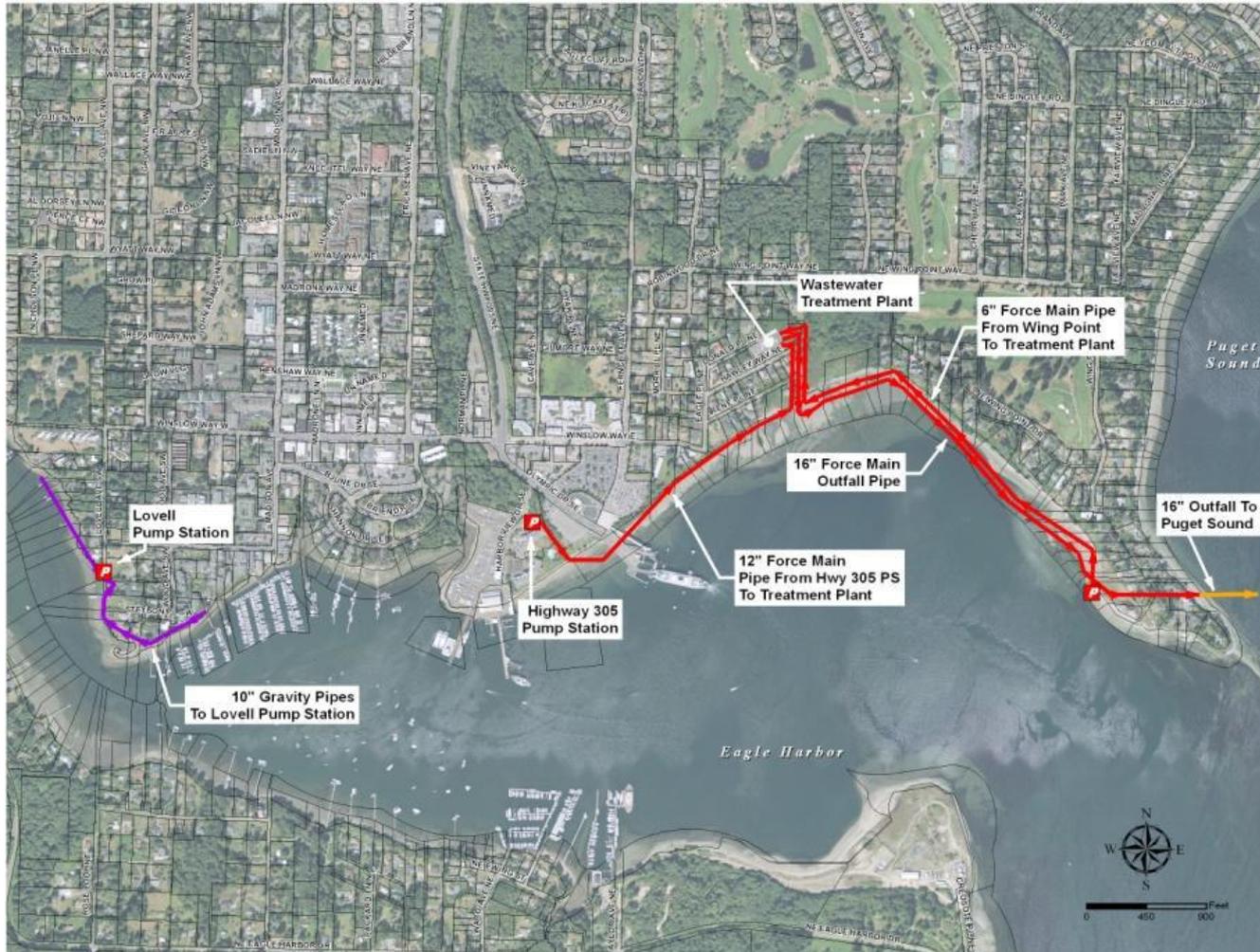
- Original Construction (late 1970's)
- Piping failures
  - Four over the previous decade with last failure occurring May 2009
- Pre-Design Engineering Report
  - Work started 2010 and completed December 2011
- Design Contract
  - Design firm selected and scope of work negotiated summer 2012

# Background

(Continued)

- Design Contract Award
  - Two separate design contracts brought before City Council on October 17, 2012 for discussion and selection
    - **30% design** contract to develop the Pre-Design Report recommendations along the existing alignments, develop estimated easement acquisition areas and cost, complete and submit Phase 1 environmental permits at end of design phase
    - **15% design** contract to evaluate additional alignments, update preliminary cost estimates and provide easement acquisition information for alignments analyzed and conduct environmental analysis of proposed alignments
  - City Council discussed both options and selected the 30% design option

# Three Red Pipe Segments are to be replaced



# Preliminary Replacement Cost Estimates

(Millions)

Pipe Segment	Consultant
Hwy 305 (East harbor) 12" DI Force Main	\$1.64
Wing Point 6" DI Force Main	0.62
Effluent Line – 16" Force Main	2.54
Total:	\$4.80

# Total Estimated Project Costs

Element	Source PWTF 1	Source PWTF 2	Source Local	Amount
Pre-Design Report	\$145,000	\$0	\$0	\$145,000
30% Design/Permitting – N1	280,000	19,000	0	299,000
Final Design/Permitting /Easement Acquisition/Construction and Allied Costs (public involvement & outreach, contingency, sales tax, construction management) – N2 and N3	0	3,728,516	657,974	\$4,367,490
Total:	\$425,000	\$3,728,516	657,974	\$4,811,490

*N1 – PWTF Loan 1 has \$280,000 remaining. PWTF Loan 2 will utilize approximately \$19,000 to complete this project phase*

*N2 – Project cost estimates will be updated at the completion of the 30% design effort, again at the completion of final design and after letting and receiving construction bids*

*N3 – Local match is 15% of loan in order to receive Council directed 0.5% interest rate.*

# Challenges

- Potential for future pipe failure before design and construction is complete
- Construction sequencing and neighborhood impacts
- Easement acquisitions
  - Temporary construction
  - Permanent access and maintenance
- Environmental permitting
- Future utility project in neighborhood
  - Water main replacement

# Questions/Comments?



# Contact Information

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