

# North Mercer Island Interceptor and Enatai Interceptor Upgrade Project



King County

Department of Natural Resources and Parks  
Wastewater Treatment Division

## MWPAAC Joint Subcommittee Meeting December 2, 2021



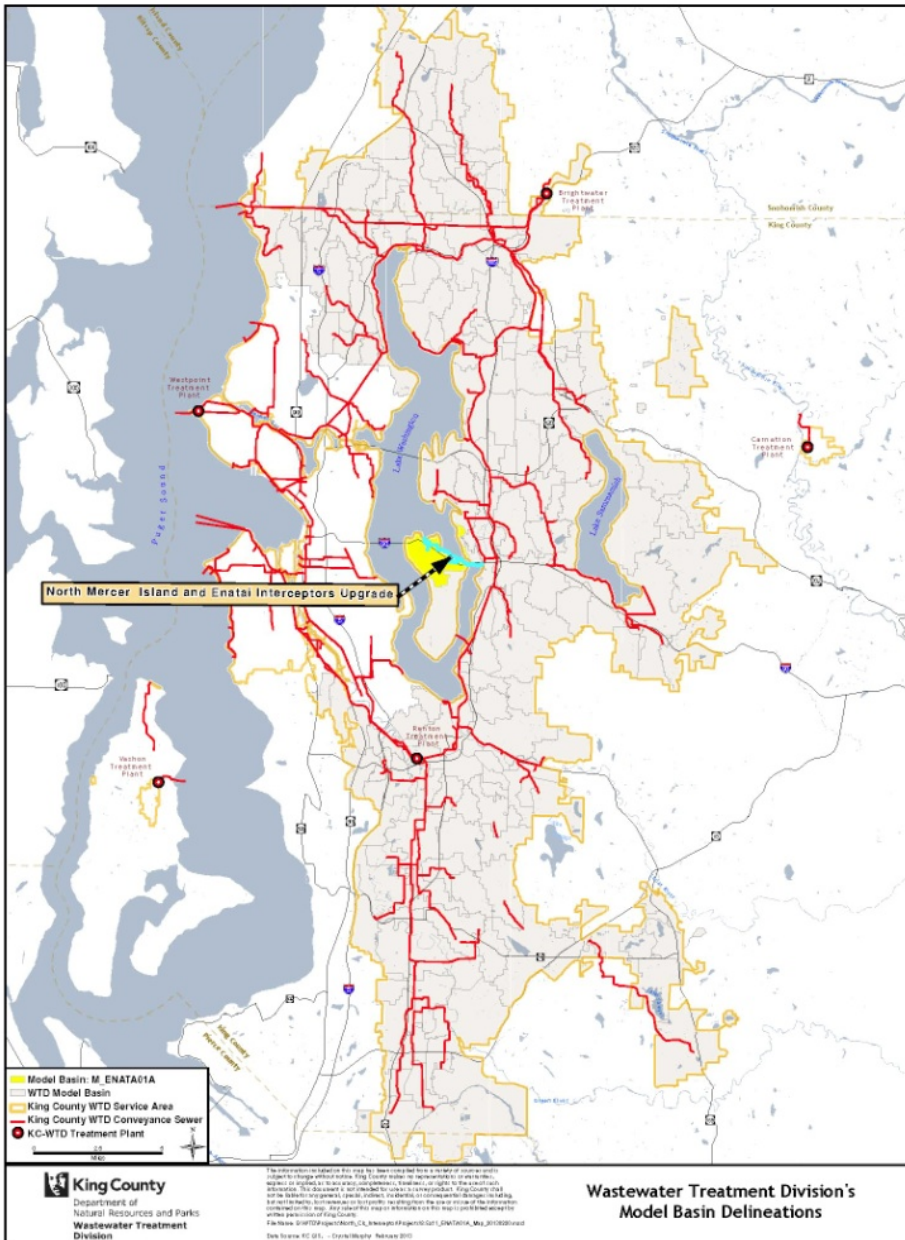
# Project Objective

To upgrade the North Mercer Island and Enatai Interceptor system to increase system reliability, performance, and efficiency and to accommodate 20-year peak wastewater flows projected through the year 2060.



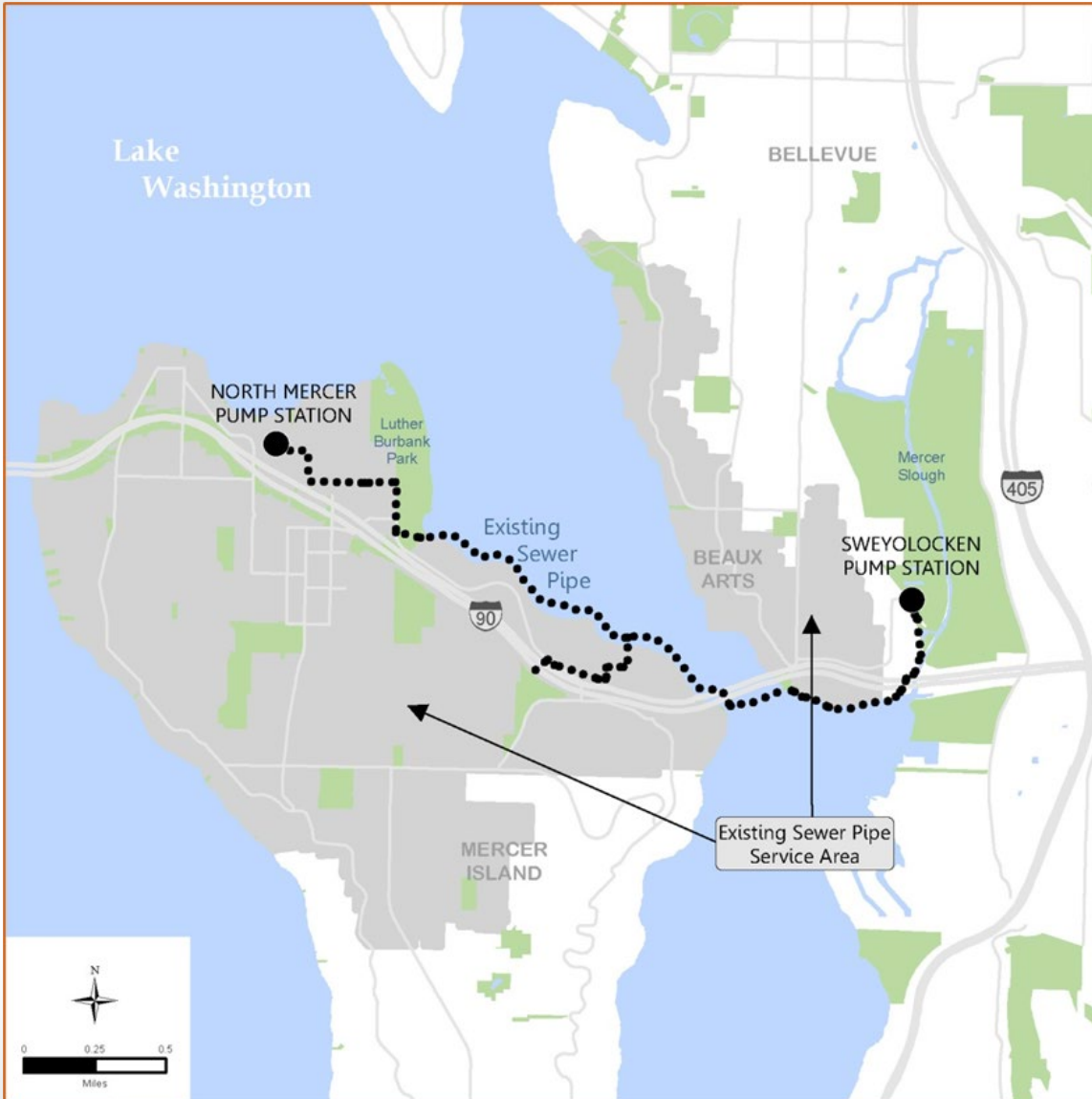
# Project Location

North Mercer Island and Southwest of Bellevue



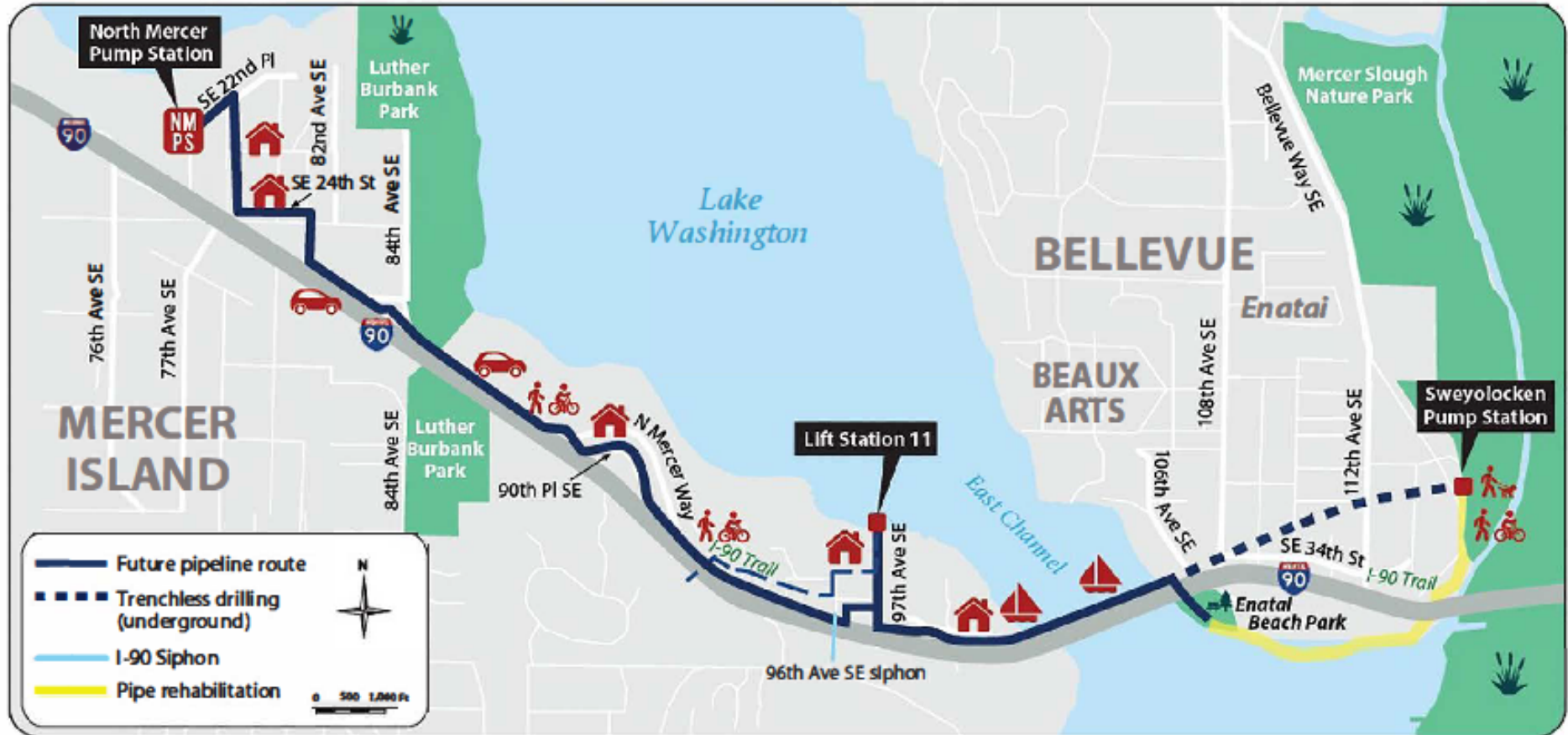


# Project Service Area and Existing System



# Final Alignment

## North Mercer Enatai Sewer Upgrade



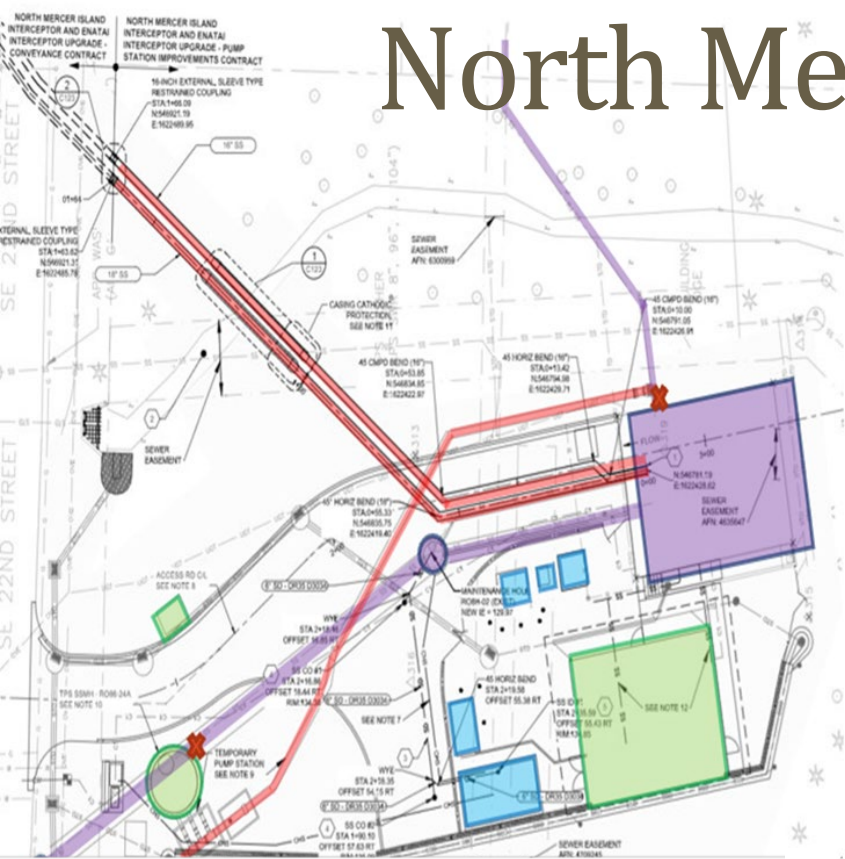


# North Mercer Pump Station

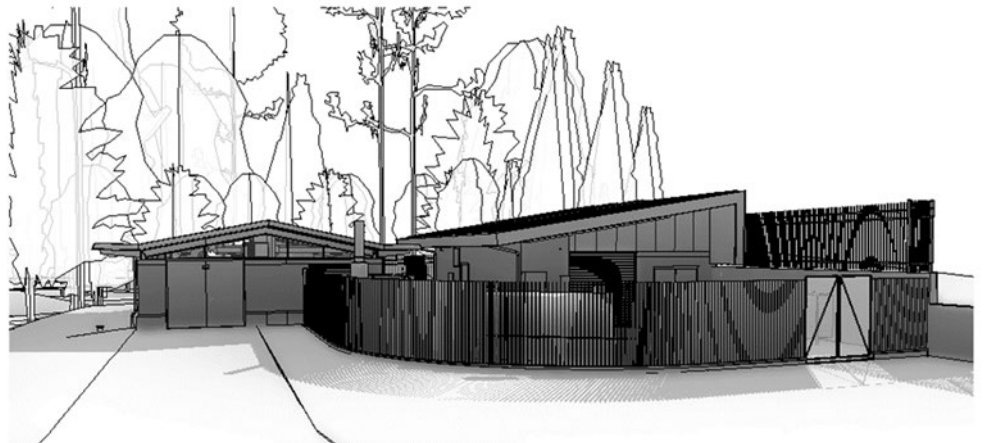




# North Mercer Pump Station



- Pump Station
- New Generator Building
- New dual Forcemains and Site Piping
- Temporary Pump Station



# City of Mercer Island LS 11





# Conveyance Pipeline

(starts from the North Mercer Pump Station)





# North Mercer Way





# I-90 Trail





# 90th Place SE





# City of Mercer Island Boat Launch





# Enatai Beach Park





# Sweyolocken Pump Station





# Enatai Beach Park and Mercer Slough

(Existing Enatai Interceptor Rehabilitation)





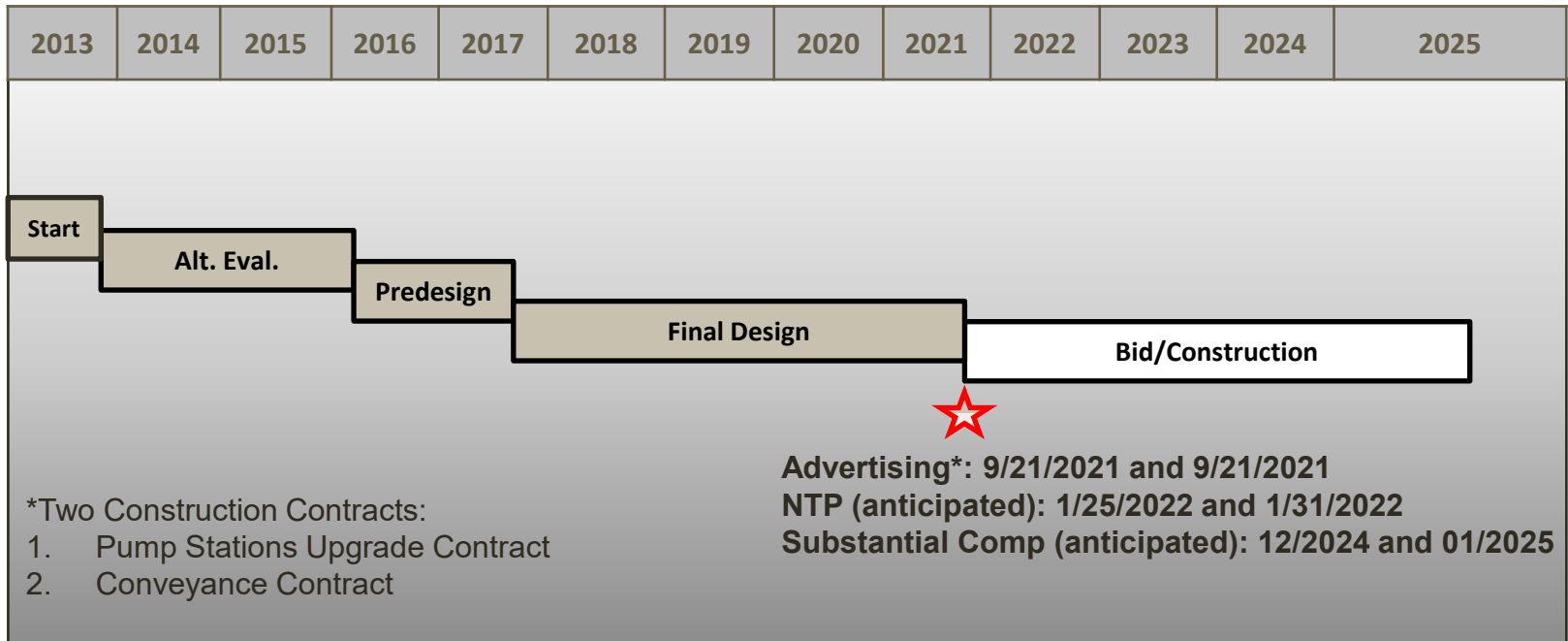
# Project Funding

- Estimated Total Project Cost: \$150 M
- Funded through WTD Capital program
- No Federal or State Loans





# Project Schedule





# Current Status

- Bid Openings:
  - Conveyance Contract: 11/22/2021
    - Received 3 bids
  - Pump Stations Upgrade contract: 11/23/2021
    - Received 2 bids
- Bid Evaluation- On going
- Anticipate Notice to Proceed for Construction
  - Conveyance Contract: 1/25/2021
  - Pump Stations Upgrade contract: 1/31/2021





# Questions?

**Sibel Yildiz**

Capital Projects Managing Supervisor  
King County Wastewater Treatment Division

206-477-5434

[sibel.yildiz@kingcounty.gov](mailto:sibel.yildiz@kingcounty.gov)

