

NE 40th Street Stormwater Trunkline Extension

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Trunkline Extension



PROJECT UPDATE - CFD



March 6, 2018

Project Goals



1) 40th Trunk Extension

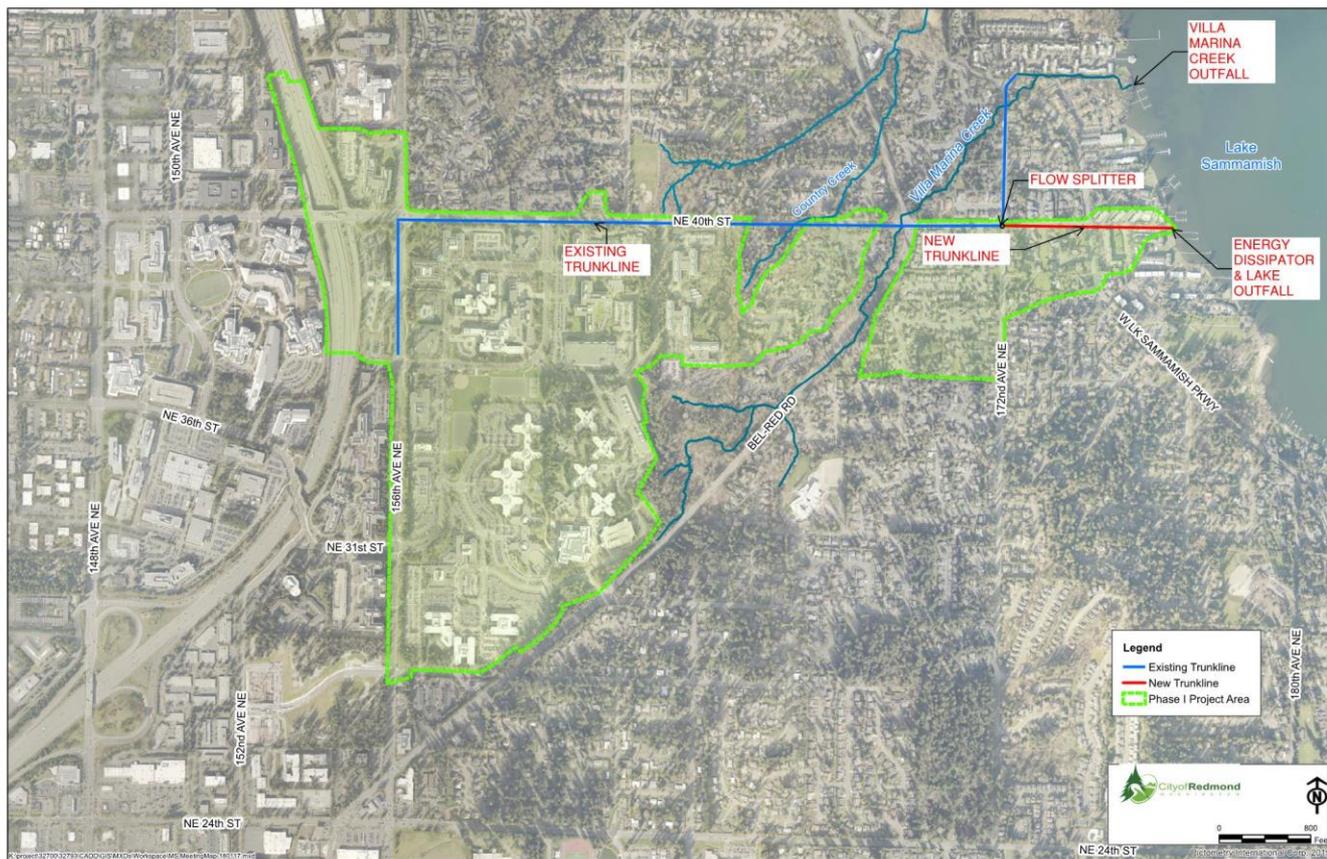
- Meet Sound Transit Schedule
- Allow WSDOT vault to be removed

2A) Outfall Completion

- Direct discharge to lake for campus redevelopment
- Reduce erosion and flooding in Villa Marina Creek
- Avoid impacts to lake shore
- Minimize disruption to public

2B) Improve water quality to creek and lake

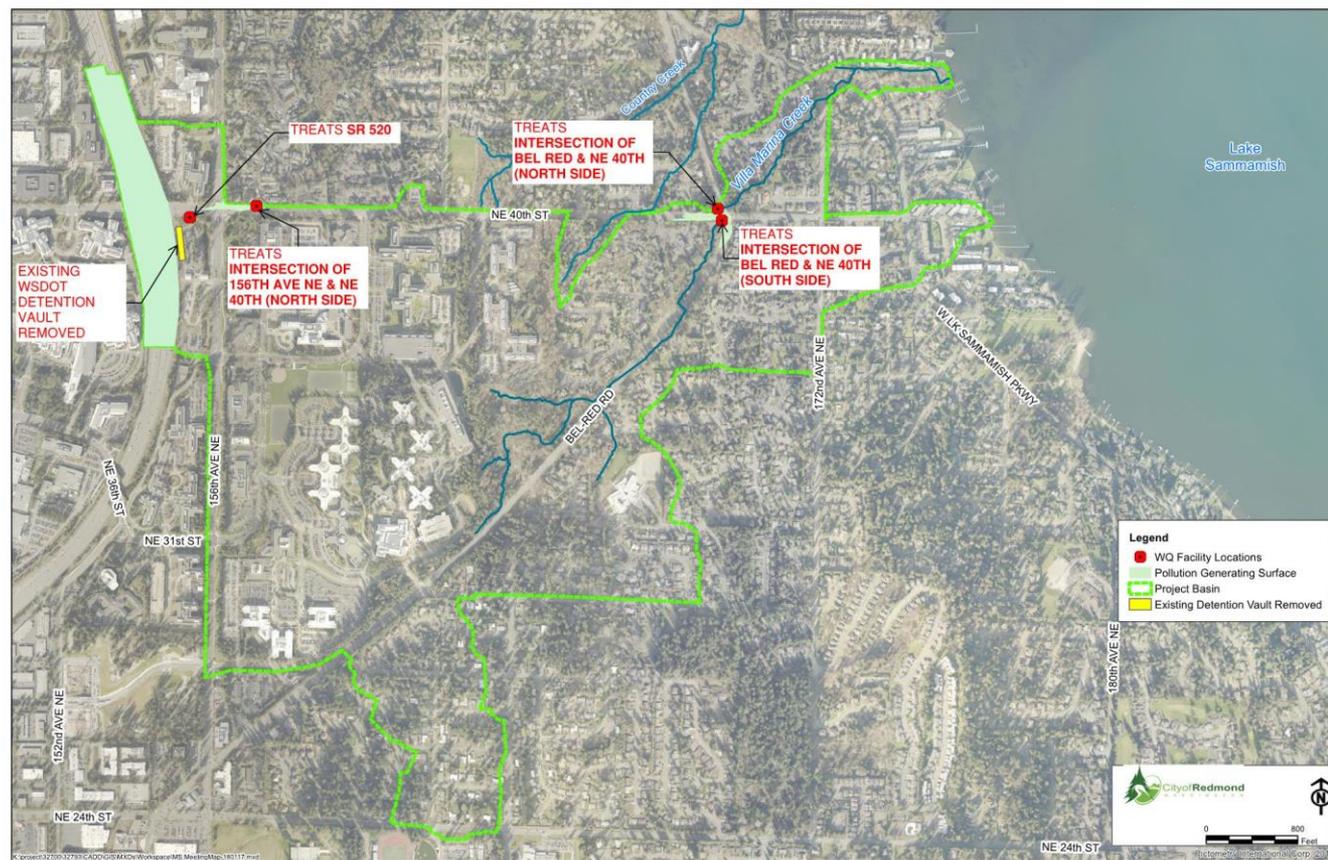
Phase 1 – Trunkline Extension



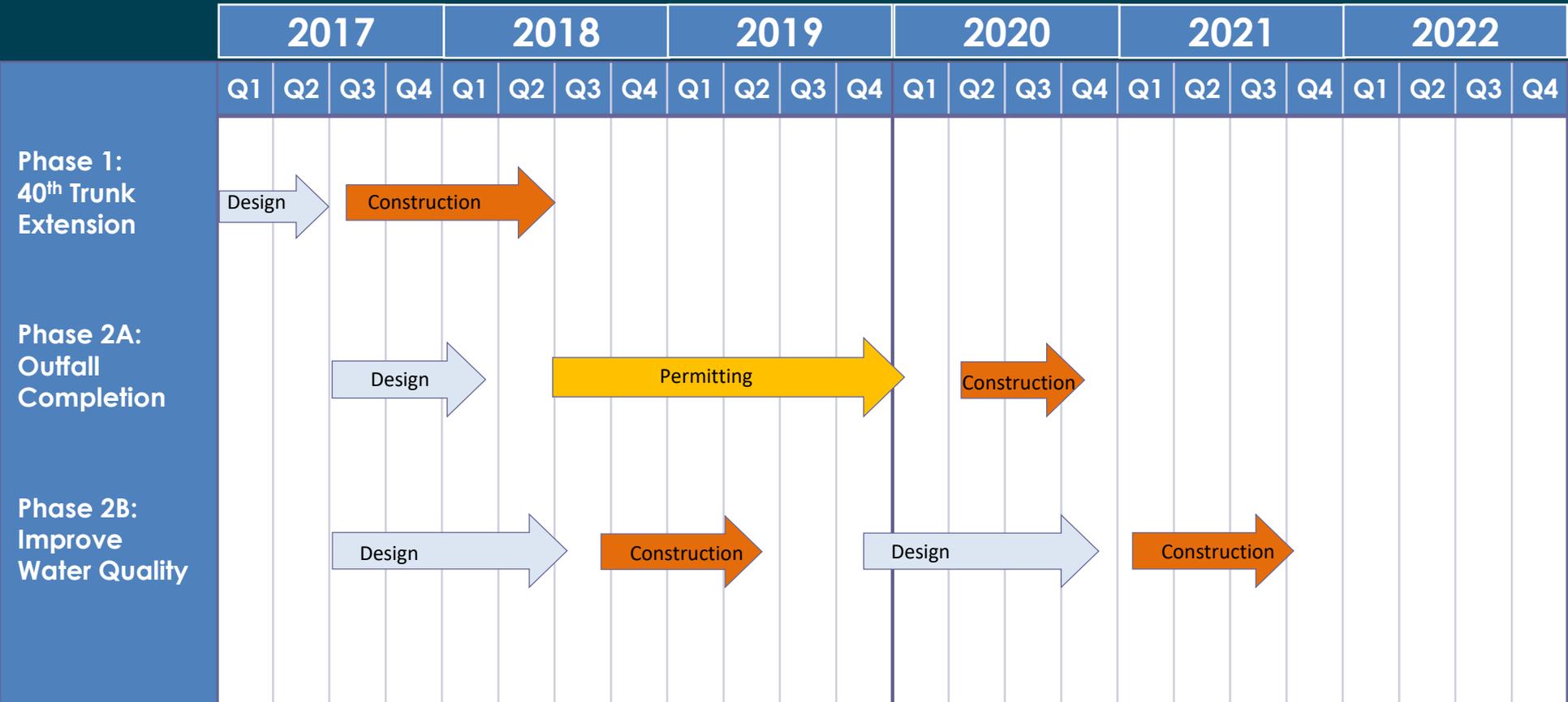
Phase 2A – Outfall and Mitigation



Phase 2B – Targeted Retrofits



Project Schedule



Refining the Project Budget



Item	Budget	Looking Ahead
1. Trunk Extension to Lake	\$6,200,530	\$4.9M - \$5.6M
2A. Trunk Mitigation and Shoreline	\$2,799,470	\$1.4 - \$1.6M
2B. Water Quality Improvements		Up to \$2.3M
2C. Documentation, Demonstrated Benefit, Modeling, Monitoring, Engineering Analysis		\$300K
Contingencies		Up to \$100K
Total	\$9,000,000	\$9,000,000