



King County

Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Tam o'Shanter Golf and Country Club Briefing

January 30, 2018





Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Agenda

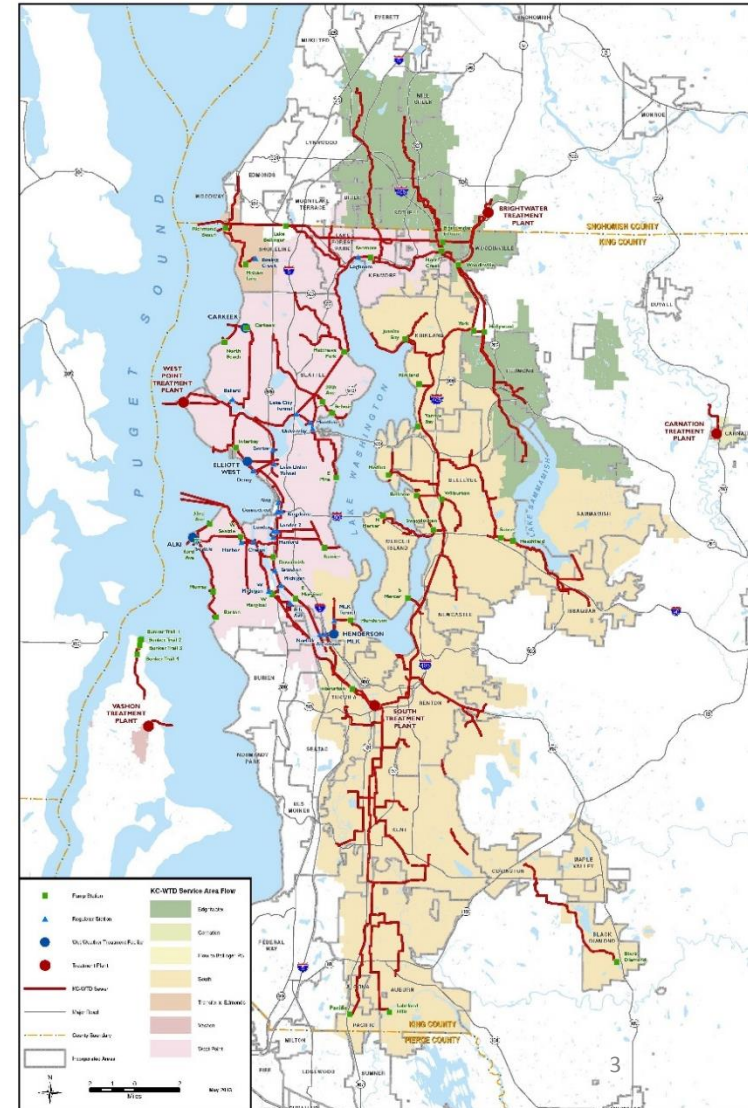
- Project overview
- Final alignment
- Construction methods
- Next steps
- Our commitment to you



Lake Hills and NW Lake Sammamish Sewer Upgrade Project

King County WTD

- 1.7 million people served
- 424 square mile area served
- 5 treatment plants
- 391 miles of pipe
- 185 million gallons sewage treated/day



Objective

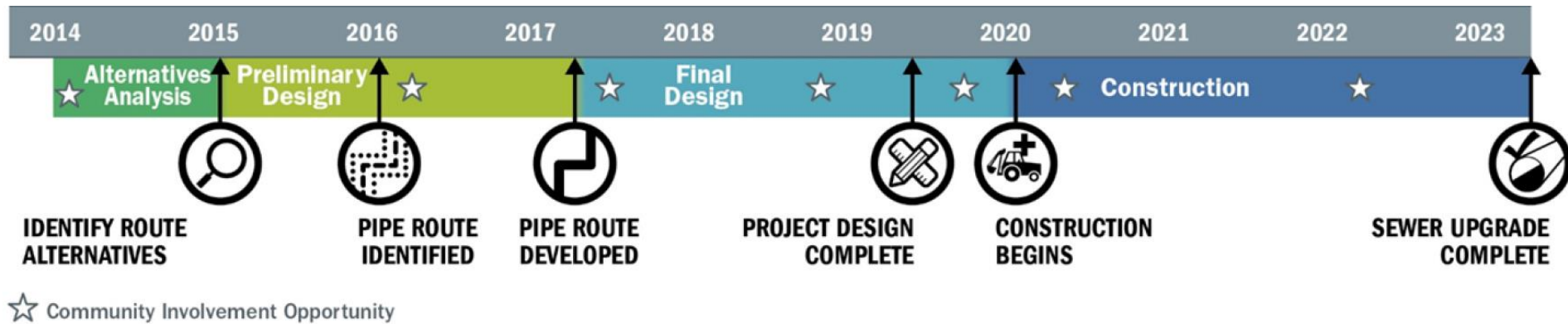
- Upgrade 4.5 miles of sewer pipes in Redmond to provide service for 50+ years
- Provide important connection for the potential future use of recycled water





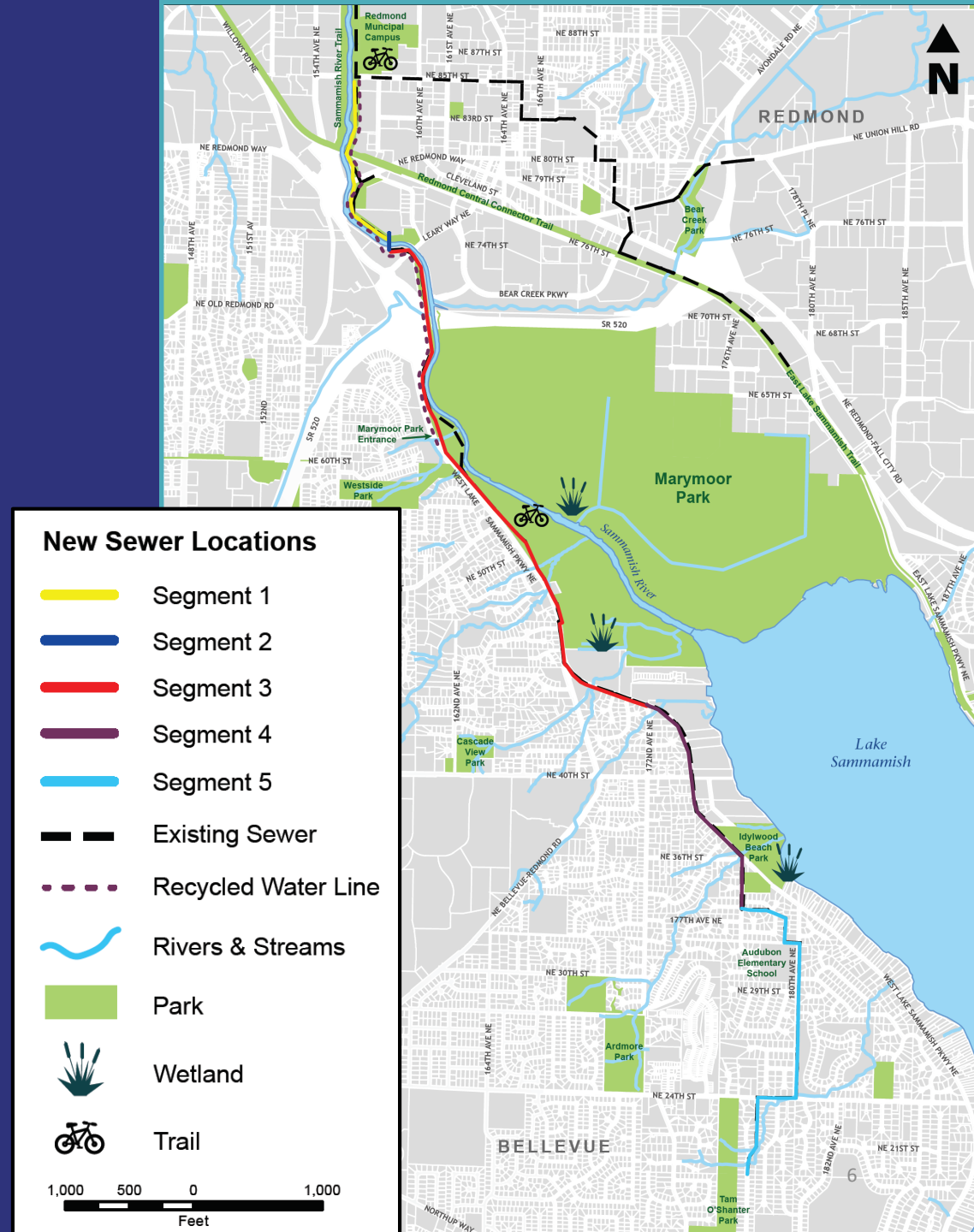
Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Schedule



Project alignment

- 5 segments
- Unique conditions and considerations in each segment
- Methods and durations likely to vary by segment



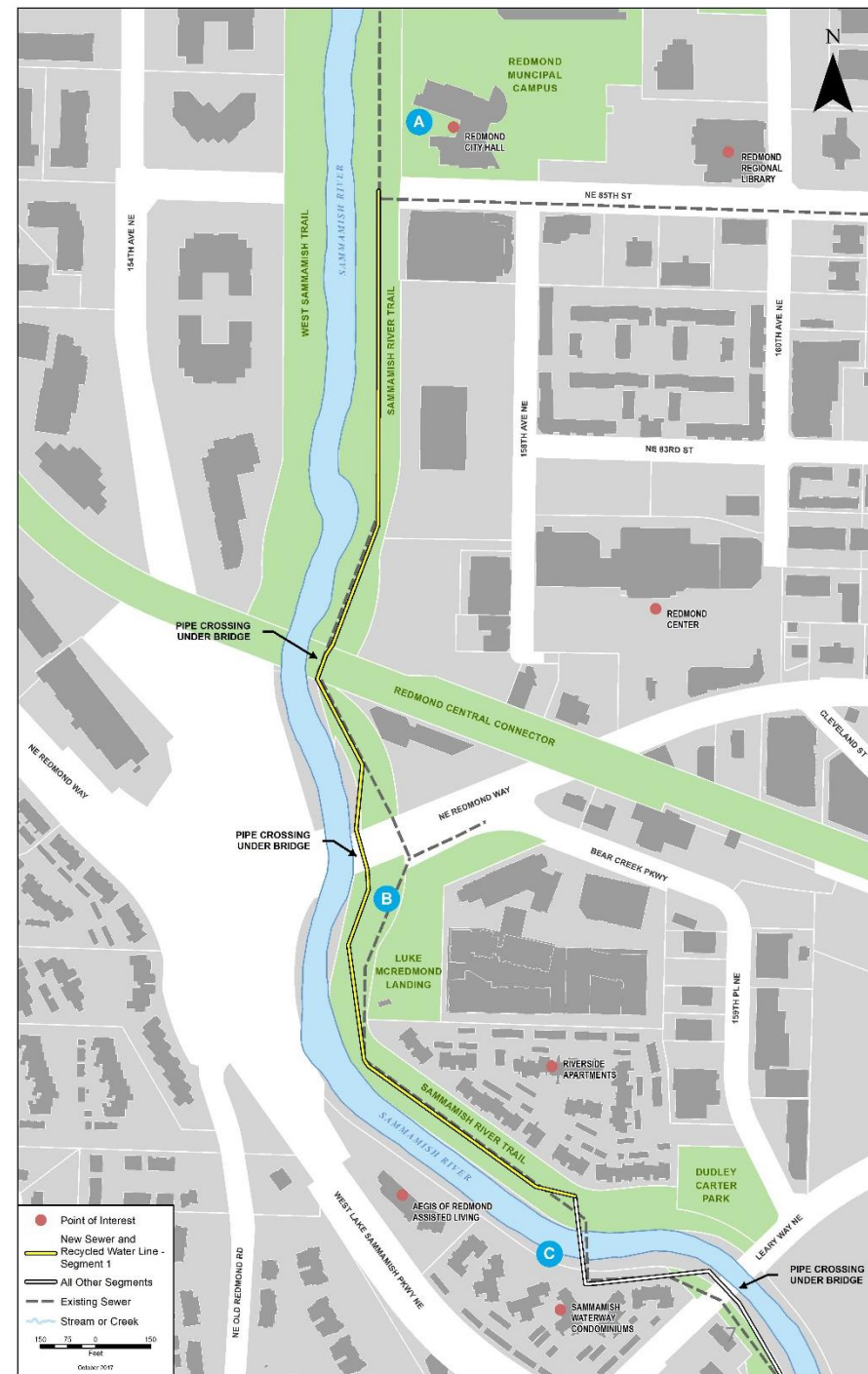
Segment 1

NE 85th St to Sammamish River crossing



Key considerations:

- Sammamish River Trail
- Safe and efficient trail detour routes



Segment 2

Sammamish River crossing



Key considerations:

- Fish and wildlife habitat
- Navigability of waterway



Segment 3

Leary Way to 172nd Ave NE

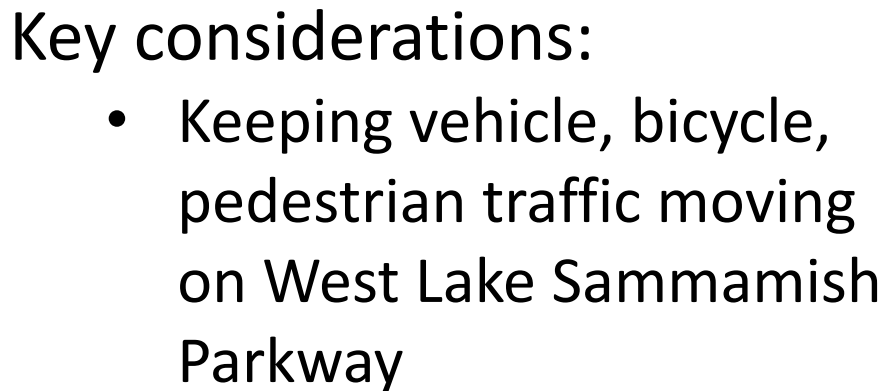


Key considerations:

- Marymoor Park recreation
- Fish and wildlife habitat
- Coordination with Eastlink



172nd Ave NE to 177th Ave
NE



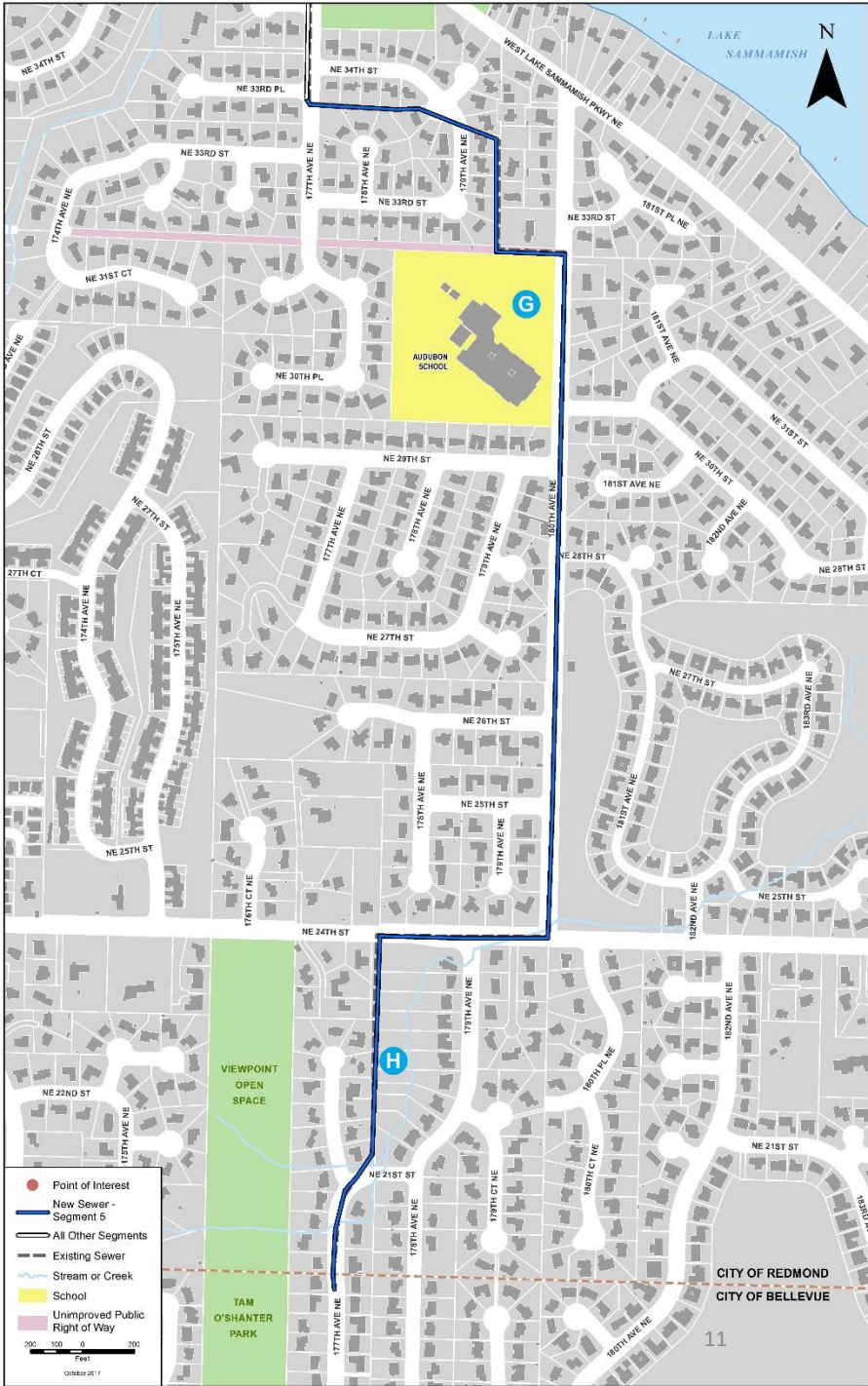
Segment 5

177th Ave NE to NE 21st St



Key considerations:

- Coordination with local schools
- Acquiring private property rights
- Keeping traffic moving safely on local roadways





Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Construction methods

- Primarily open trench
 - Ideal for shallow work zones
 - Surface impacts will include traffic detours, trail detours
- Short, trenchless sections
 - Protects environmentally sensitive areas
 - Limits surface impacts
 - Not appropriate for all situations





Lake Hills and NW Lake Sammamish Sewer Upgrade Project

What's next?

- Continue developing project design
- Conduct additional fieldwork
- Environmental review
- Develop restoration plans
- Acquire necessary permits
- Refine construction sequencing (when we will build what)



Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Our commitment to you

- Keep you up to date and informed
- Help people learn about their sewer systems
- Address concerns, answer questions
- Whenever possible, use your feedback to shape the design





Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Questions and comments

- **Contact** Kelly Foley, community relations at 206-477-8621 or kelly.foley@kingcounty.gov
- **Visit** the project website at: www.kingcounty.gov/KCRedmondSewer
- **Sign up** for email updates on our website
- **Enroll** in text alerts: text **KING REDMONDSEWER** to **486-311**