King County

Lake Hills and NW Lake Sammamish Sewer Upgrade Project

Friends of Marymoor Park Briefing

January 22, 2020

Agenda

- King County WTD
- Project overview & timeline
- What to expect during construction
  - Traffic
  - Tree/plant removal
  - Sammamish River Trail
  - Marymoor Park
  - Coordination w/ other projects
- What's next
- Our commitment to you

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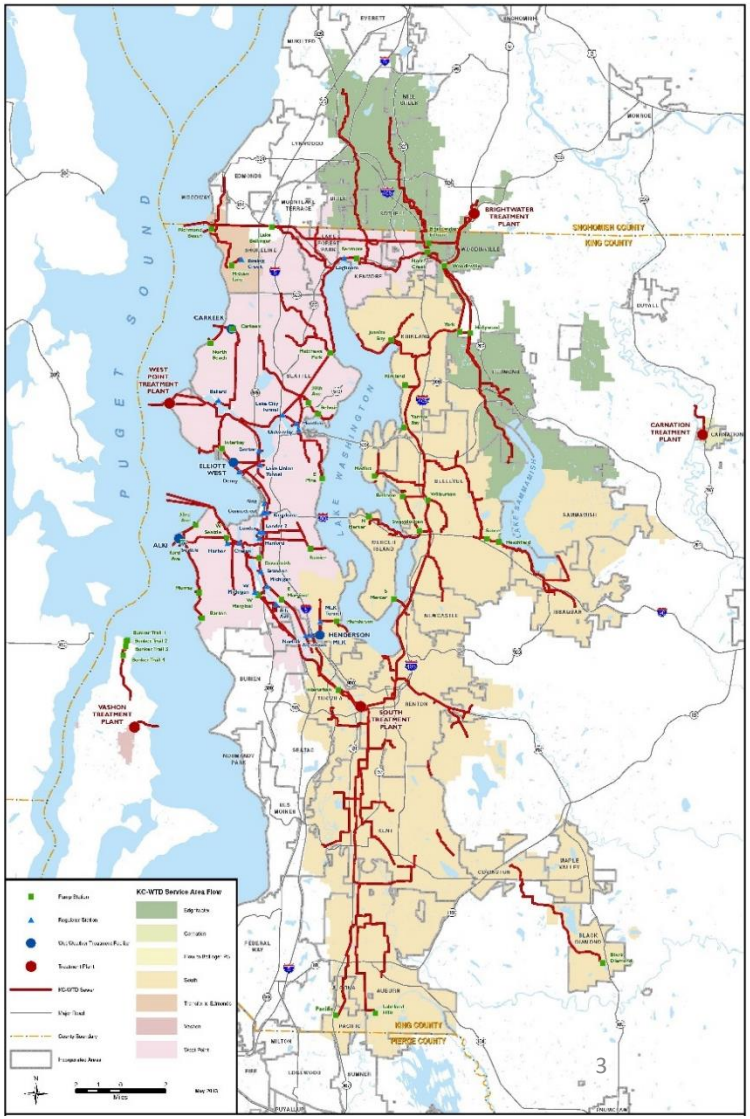
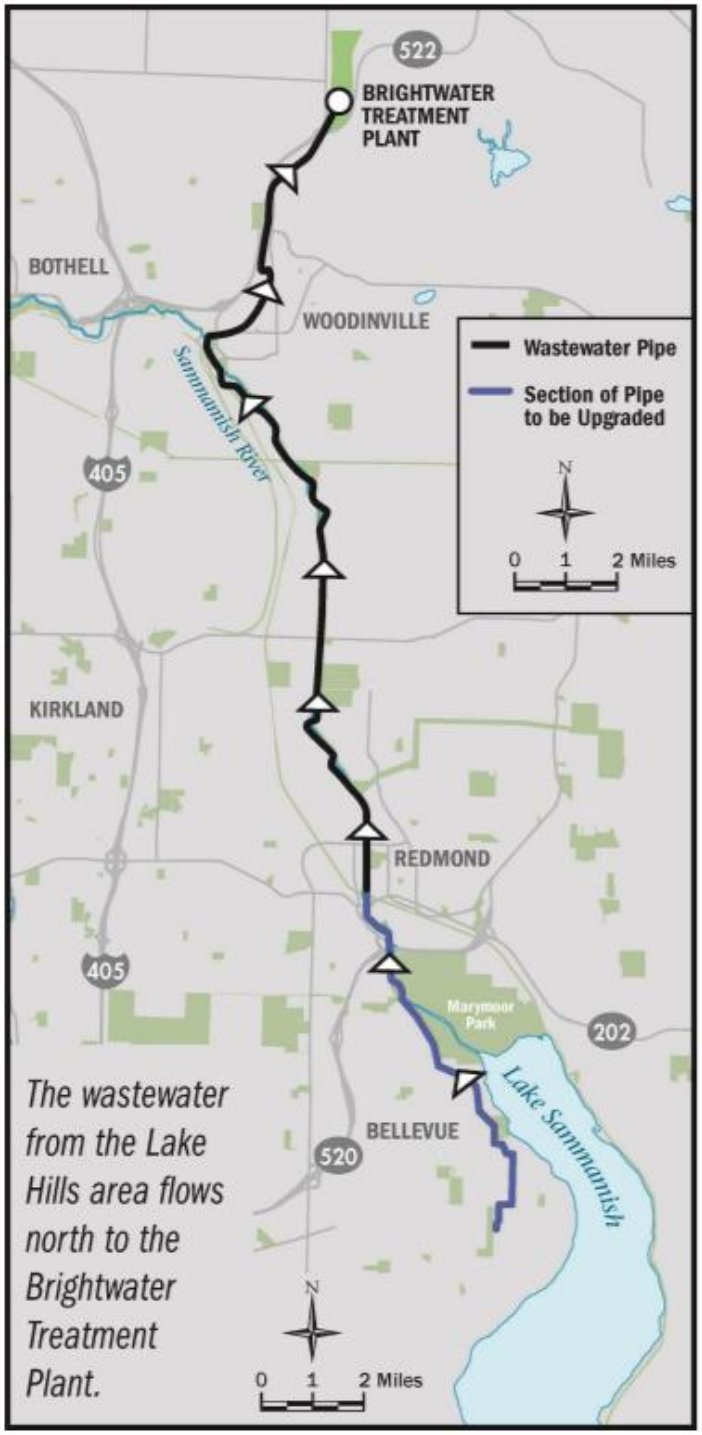
King County WTD

- 1.8 million people served
- 424 square mile area served
- 5 treatment plants
- 394 miles of pipe
- 179 million gallons sewage treated/day



Objective

- Upgrade 4.5 miles of sewer pipes in Redmond to provide service for 50+ years



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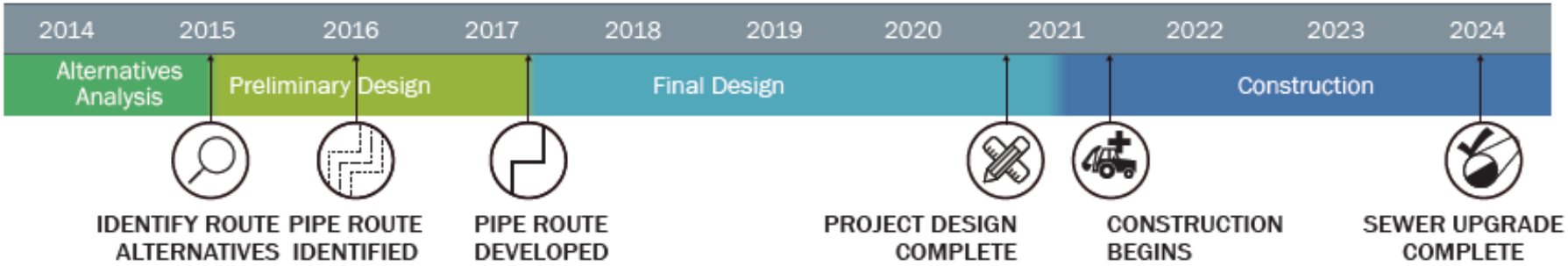
Schedule

Lake Hills and NW Lake Sammamish Sewer Upgrade Project TIMELINE



*This is an estimated project timeline and is likely to shift over the course of the project.

Construction methods

- Primarily open trench
  - Most common pipe installation method
  - Surface impacts will include traffic detours, trail detours
- Short, trenchless sections
  - Protects environmentally sensitive areas
  - Limits surface impacts
  - Not appropriate for all situations

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What to expect during construction

- Typical work hours
  - 7 A.M. TO 7 P.M. Weekdays
  - 9 A.M. TO 6 P.M. Saturday
- Large equipment, truck traffic
- Noise, vibration, dust
- Trail closures and detours
- Road closures and detours

Traffic

- Traffic impacts on West Lake Sammamish Parkway, 177th Ave NE, 180th Ave NE, NE 24th St
- You can expect:
  - Lane closures and detours
  - Reduced speed limits
  - Increased congestion, delays
  - Bus stop closures and reroutes

Vegetation Removal

Working Limits

Replanting

Before construction

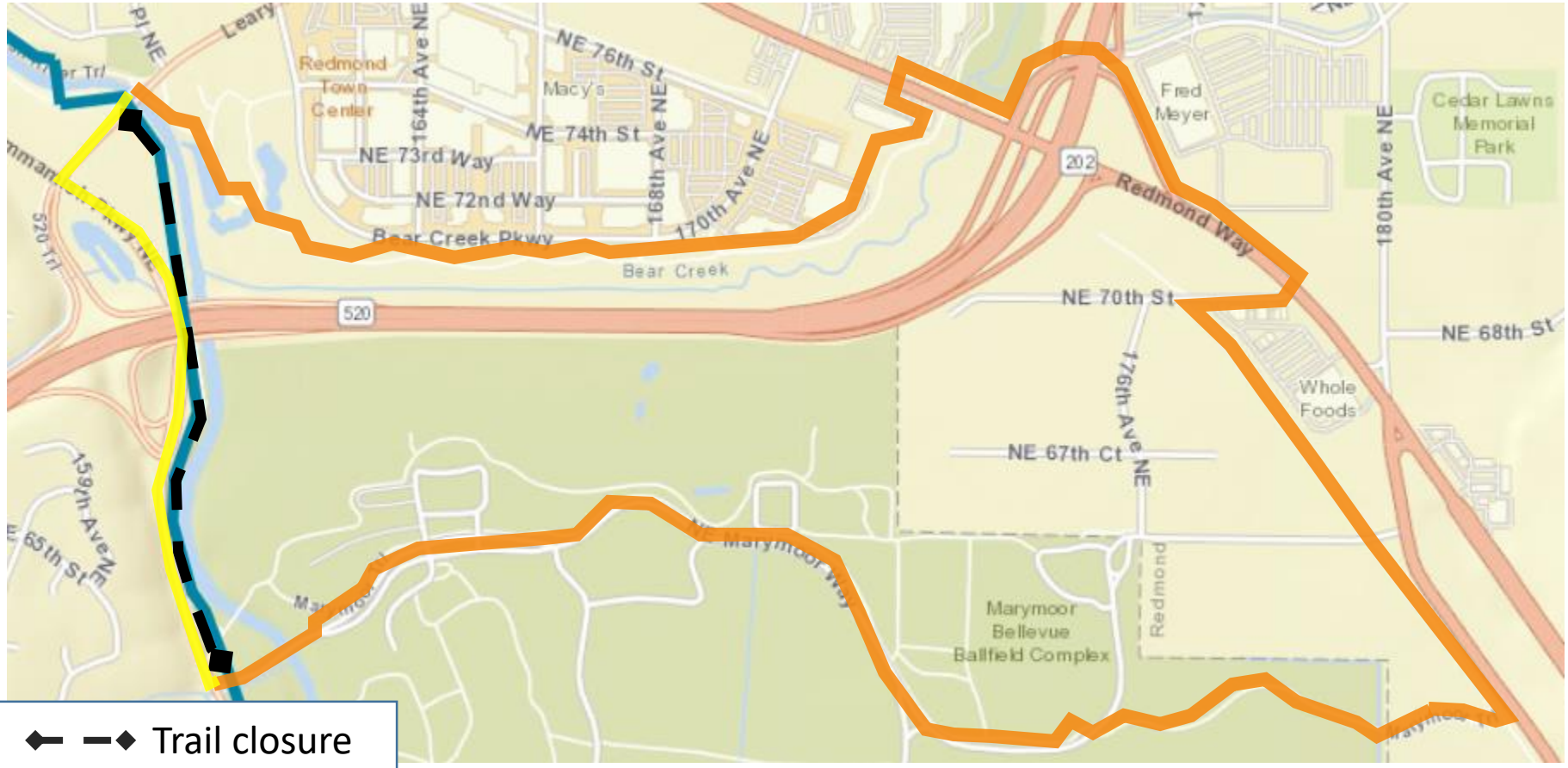
After construction

During construction

Sammamish River Trail

- Intermittent closures over 3-year construction window
- Work will be completed in sections and may not be consecutive
- Closures will be between access points, requiring off-site detour routes
- Detour routes will vary between a half-mile to a few miles in length

Trail closure: Leary Way to Marymoor Park Entrance



Trail closure

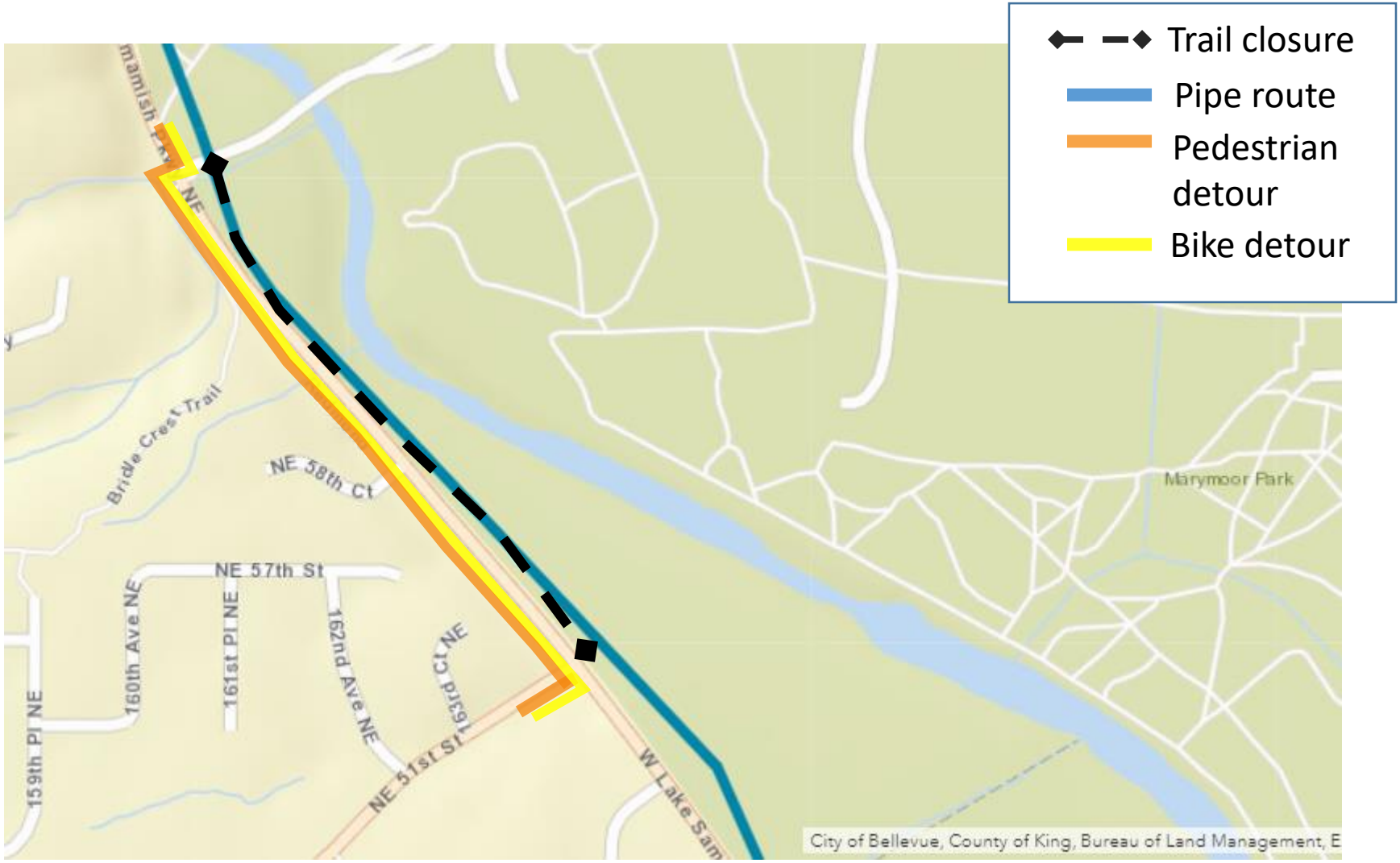
Pipe route

Pedestrian detour

Bike detour

New sidewalk at Marymoor Park

Closure: Marymoor Park Entrance to NE 51st St



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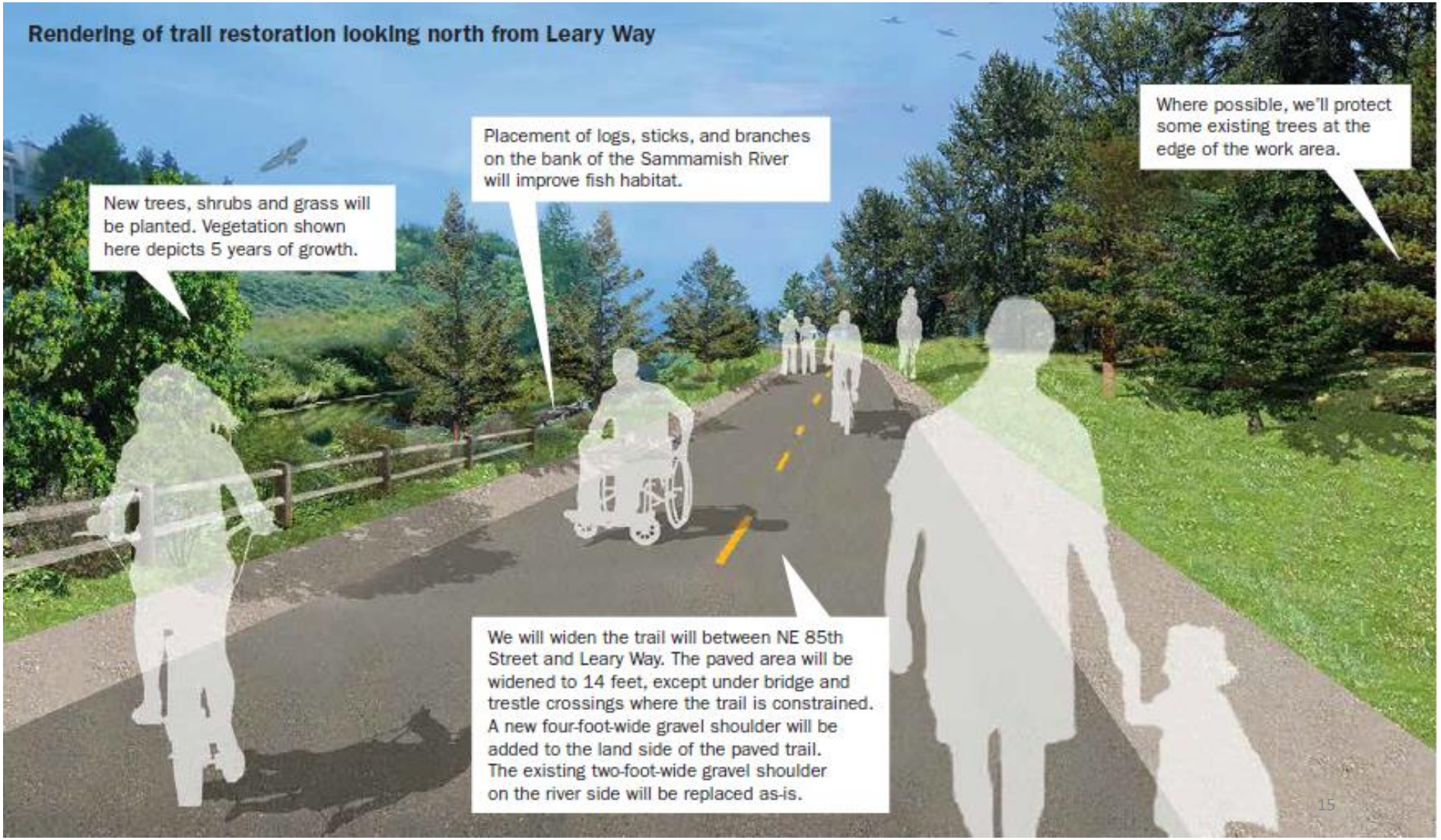
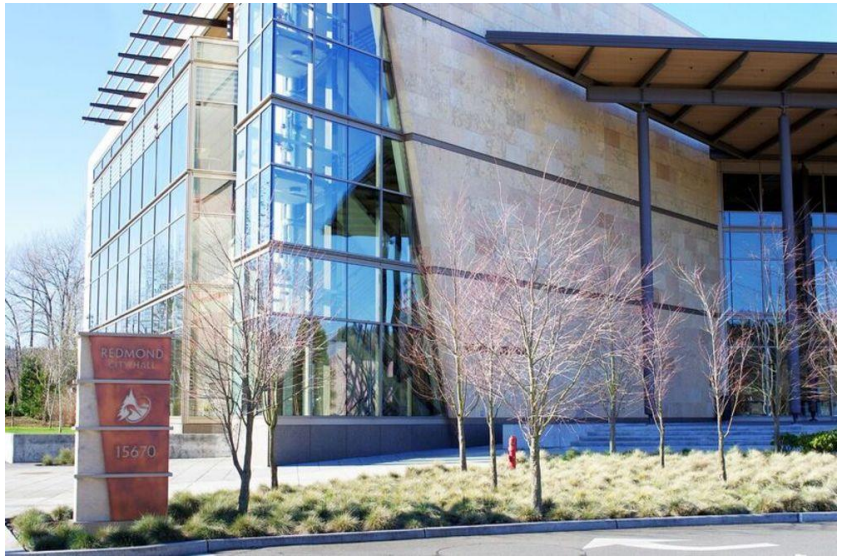


Marymoor Park

- Work contained to west side of park
- New sidewalk at Marymoor Park entrance
- Trenchless construction at Marymoor Park entrance

Coordination w/ other projects

- Ongoing coordination with:
  - Sound Transit
  - City of Redmond
  - Microsoft
  - Lake Washington School District
- Seek opportunities to collaborate with other projects to reduce disruptions caused by multiple projects happening at once



What's next?

- Conduct additional fieldwork
- Acquire necessary permits
- Complete design by 2020
- Hire contractor in early 2021
- Begin construction in mid 2021

Our commitment to you

- Keep you up to date and informed
- Address concerns, answer questions
- Whenever possible, use your feedback to shape the design
- No surprises during construction

Questions and comments

- **Contact** Kelly Foley Kruse, community relations at 206-477-8621 or kelly.foleykruse@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**