

Attachment A: Light Rail in Redmond Supplemental Information for Fourth Quarter 2020

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A. Overlake Construction Update and Closeout

Most civil construction by Kiewit Hoffman (ST2/E360) is anticipated to conclude in Overlake by early 2021. Sound Transit continues to investigate the Redmond Technology Station (RTS) Garage structure and has not determined a timeline for re-opening the bus loop underneath the structure. However, the re-opening of the bus loop may be delayed into the first half of 2021. Communications, electrification, and other systems installation over the entire 14-mile East Link alignment continues by Mass Electric. In addition, the City expects that the Overlake Village Pedestrian and Bicycle Bridge will be complete in early 2021.

B. Redmond Technology Station Bridge Construction Update

The RTS Bridge is funded by Microsoft and will be owned by the City when it is complete; it is not part of a Sound Transit contract, but ties into RTS and so is included in this staff report. Bridge construction is approximately 48 percent complete. Thirty-nine of the 45 girders have been set and concrete diaphragms that tie the girders together at supporting piers are under construction. The project is expected to be substantially complete in February 2022. The bridge will be conveyed to the City after all remaining contractual obligations have been fulfilled and the City accepts the project, likely in summer 2022.

Upcoming Construction Activities

- Fall: Post-tension girders in spans 2 – 4 (over SR 520 and the light rail trackway)
- Winter: Set the last 6 girders, begin constructing the bridge deck, set deck panels for the direct access ramp.

C. Downtown Redmond Link Extension (DRLE) Construction Outlook for 2020-21

Early construction work continues this fall and winter along SR 520 and in Southeast Redmond as described below.

Fall 2020 Construction Activities

- Tree removal along SR 520 between NE 40th St. and Marymoor Park
- Building demolition in Southeast Redmond and Overlake
- Construction begins on cut-and-cover tunnel at NE 51st St.; SWK will close half the street at a time with traffic shifted to the other half.

Winter 2020-21 Construction Activities

- Continued tree removal along SR 520 between NE 40th St. and Marymoor Park
- Tree removal along SR 520, in Southeast Redmond, in Downtown Redmond and near Bear Creek
- Drilled shafts and columns to support elevated guideway
- Construction begins on cut-and-cover tunnel at NE 40th St.; SWK will close half the

- Drilled shafts to support elevated guideway construction street at a time, with general vehicle traffic restricted to one-way as described below.

D. Upcoming Outreach Activities

Later this fall and early winter, Sound Transit and the City will share information about traffic impacts associated with the cut-and-cover tunnels at NE 40th St. and NE 51st St. For NE 40th St., the contractor has developed a plan to allow one-way vehicle traffic and two-way transit traffic during construction. The direction of vehicle travel will be eastbound when the north half of the roadway is impacted, and westbound when the south half of the roadway is impacted. For NE 51st St., the contractor will close half the street at a time with traffic shifted to the other half.

E. City Council Actions in 2021

Staff anticipates bringing four light rail-related actions to Council in 2020 and early 2021:

1. Overlake Village Station and Redmond Technology Station Operations & Maintenance Agreement (Q1-Q2 2021). This agreement will delineate operations and maintenance responsibilities at the Overlake Village and Redmond Technology Stations. It is necessary because, especially at Overlake Village Station, City- and Sound Transit-owned infrastructure are side-by-side.
2. 156th Ave. Cycletrack Funding Agreement (Q1-Q2 2021). The City successfully competed for \$1.2 million in Sound Transit System Access Funds to complete funding for the 156th Avenue Cycletrack. The cycletrack will complement improvements that Microsoft is completing to improve access to RTS.
3. (New since last update) RTS Bridge Operations & Maintenance Agreement (Q1-Q2 2021). This agreement will delineate operations and maintenance responsibilities at the RTS Bridge between the City and Microsoft.
4. RTS Bridge Supplemental Consultant Agreement (Q4 2020-Q1 2021). The City's current contract with Integrity Structural Engineering will need to be amended to provide additional funding authority to support the project through completion.
5. NE 70th St. Right-of-Way Vacation (Q1-Q2 2021). A portion of the existing NE 70th St. is located where the Southeast Redmond Station is planned to be. Sound Transit has petitioned the City to vacate a portion of the NE 70th St. right-of-way, and will then relocate and rebuild that portion of NE 70th St.
6. (New since last update) Construction Service Agreement Amendment (Q2-Q3 2021). This agreement allows the City to fund improvements that Sound Transit will construct. The amendment would allow the City to fund City improvements identified during final design. While none have been identified to date, an example could be upgrading water infrastructure that Sound Transit would otherwise replace like-for-like.