

## Marquam Hill Connection Options

The four options under consideration to connect to the medical and educational facilities on Marquam Hill are described below and illustrated in Figures A-24 through A-27.

- **Connection 1A: Elevator/Bridge and Path** would include two elevators, two bridges and an at-grade path. A path would connect SW Barbur Boulevard to a 100-foot-tall elevator tower west of SW Barbur Boulevard. A 140-foot-long bridge would connect the elevator tower to a path along the hillside east of SW Terwilliger Boulevard. The option would include an at-grade crossing of SW Terwilliger Boulevard with a pedestrian crossing signal. On the west side of SW Terwilliger Boulevard, stairs and ramps would lead to the second elevator tower, which would be approximately 120 feet tall. A 190-foot-long bridge would connect the upper elevator to SW Campus Drive at the third floor base of Kohler Pavilion. Because the upper elevator tower and bridge would be directly under the path of the Portland Aerial Tram, Connection 1A could not tie in directly to the seventh floor of Kohler Pavilion as the other connection options would. Instead, pedestrians would cross SW Campus Drive and walk to an entrance to Kohler Pavilion to reach a bank of elevators, or continue along SW Campus Drive to other facilities.
- **Connection 1B: Elevator/Bridge and Recessed Path** would be identical to Connection 1A for the lower elevator and bridge near SW Barbur Boulevard, but would differ at SW Terwilliger Boulevard and at the upper elevator and bridge west of SW Terwilliger Boulevard. Connection 1B would feature a below-grade crossing of SW Terwilliger Boulevard, which would include ramps and stairs on the east side of the roadway to connect to the path that runs along the east side of SW Terwilliger Boulevard. West of SW Terwilliger Boulevard, a series of stairs and ramps would connect the pedestrian underpass to a wide recessed path at the base of the upper elevator, which would be 170 feet tall, including the portion embedded below grade connecting to the path. A 150-foot-long bridge would connect the elevator to the seventh floor of Kohler Pavilion.
- **Connection 1C: Elevator/Bridge and Tunnel** would be identical to Connection 1B from SW Barbur Boulevard to the below-grade crossing of SW Terwilliger Boulevard, but it would differ west of SW Terwilliger Boulevard. The pedestrian underpass below SW Terwilliger Boulevard would emerge into an open recessed area west of the roadway, about 30 feet below the level of the surrounding ground. A series of ramps and stairs would connect this open area to the sidewalks on SW Campus Drive and the west side of SW Terwilliger Boulevard. A 180-foot-long tunnel would lead from the open area to the upper elevator tower. The upper elevator would be 200 feet tall, including the portion embedded underground. A 120-foot-long bridge would connect to the seventh floor of Kohler Pavilion.
- **Connection 2: Full Tunnel** is distinct from the other three Marquam Hill connection options and has a single tunnel, an elevator and a bridge. A path from SW Barbur Boulevard would lead to an open plaza area partially embedded into the hillside. A 450-foot-long tunnel would extend into the hillside under SW Terwilliger Boulevard and connect to an elevator, which would be 290 feet tall, including the portion embedded underground. A 130-foot-long bridge would connect the elevator to the seventh floor of Kohler Pavilion.

Figure A-24  
Marquam Hill Connection 1A: Elevator/Bridge and Path

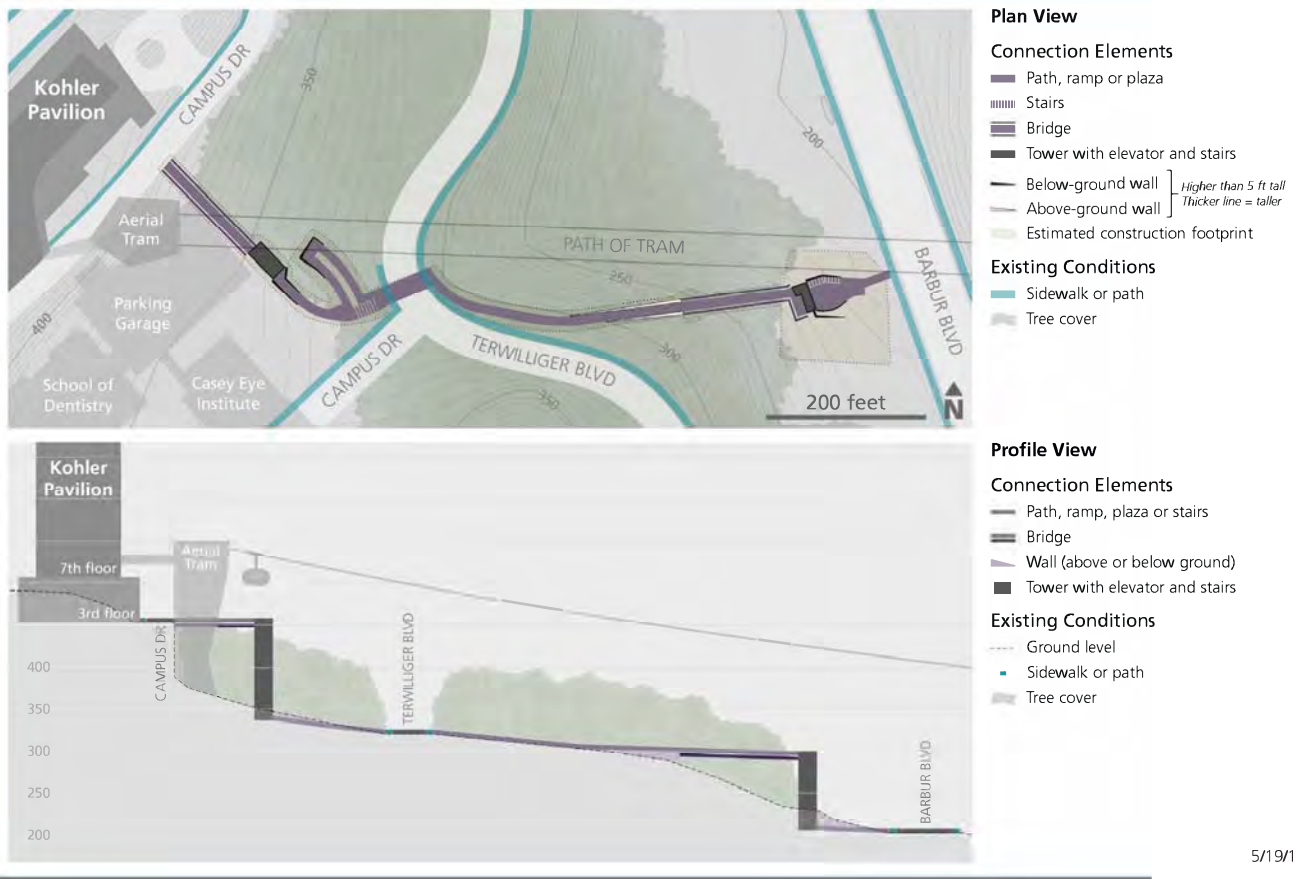


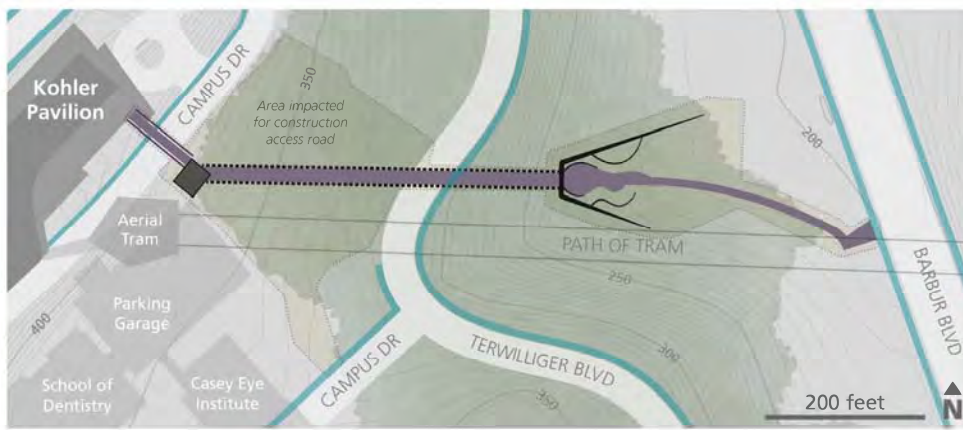
Figure A-25  
Marquam Hill Connection 1B: Elevator/Bridge and Recessed Path



Figure A-26  
Marquam Hill Connection 1C: Elevator/Bridge and Tunnel



Figure A-27  
Marquam Hill Connection 2: Full Tunnel



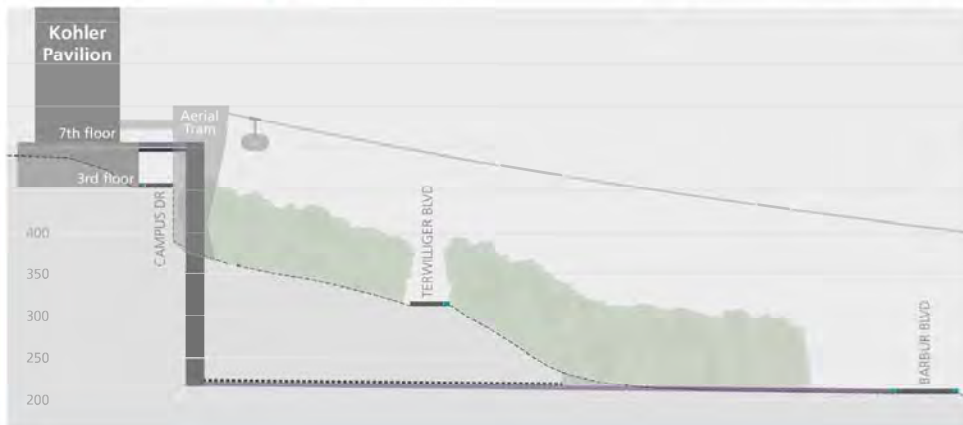
**Plan View**

**Connection Elements**

- Path, ramp or plaza
- Tunnel
- Bridge
- Tower with elevator and stairs
- Below-ground wall } Higher than 5 ft tall  
Thicker line = taller
- Estimated construction footprint

**Existing Conditions**

- Sidewalk or path
- Tree cover



**Profile View**

**Connection Elements**

- Path, ramp, plaza or stairs
- Tunnel
- Bridge
- Wall (below ground level)
- Tower with elevator and stairs

**Existing Conditions**

- Ground level
- Sidewalk or path
- Tree cover