



Appendix E. Figure Descriptions

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This appendix includes written descriptions of all figures included in this Technical Report. If needed, additional figure interpretation is available from the ODOT Senior Environmental Project Manager at (503) 731-4804.

Figure Number	Figure Title	Figure Description
1	Project Area	Figure 1 shows the Project Area. The Project Area includes a 1.7-mile segment of Interstate 5 (I-5), beginning north of Interstate 405 (I-405) at milepost 303.2, extending south to the Burnside Bridge just south of Interstate 84 (I-84) at milepost 301.5. The Project Area also includes the interchange of I-5 and N Broadway and NE Weidler Street (Broadway/Weidler interchange) and the surrounding transportation network, from approximately N/NE Hancock Street to the north, N Benton Avenue to the west, N/NE Multnomah Street to the south, and NE 2nd Avenue to the east. Figure 1 also shows the Willamette River to the west of the Project Area and the following four bridges (from north to south): Fremont Bridge, Broadway Bridge, Steel Bridge, and Burnside Bridge. The Project Area includes segments of both I-5 and I-84.
2	Auxiliary Lane/ Shoulder Improvements	Figure 2 shows the locations of the proposed auxiliary lanes and shoulder improvements on I-5. One new northbound (NB) auxiliary lane would be added to connect the I-84 westbound on-ramp to the N Greeley off-ramp. A new southbound (SB) auxiliary lane would extend the existing auxiliary lane that enters I-5 SB from the N Greeley on-ramp. The extent of proposed auxiliary lanes and shoulder improvements begin near where I-5 crosses over N Russell and extends south to I-84. Figure 2 also shows the Project Area.
3	I-5 Auxiliary (Ramp-to- Ramp) Lanes – Existing Conditions and Proposed Improvements	<p>Figure 3 shows the existing and proposed auxiliary lane configurations from the N Greeley on-ramp extending south to the SB Morrison Bridge off-ramp. Existing conditions are shown on the left and proposed improvements are shown on the right. Existing SB conditions include two SB lanes and three on-ramps (listed from north to south): N Greeley, I-405/N Fremont, and N Wheeler and three off-ramps (listed from north to south): N Broadway, I-84, and Morrison Bridge. There are existing auxiliary lanes between the N Greeley on-ramp extending to just south of the N Broadway off-ramp, the I-405/N Fremont on-ramp and N Broadway off-ramp, and N Wheeler on-ramp and I-84 off-ramp. Existing NB conditions include two NB lanes and two on-ramps (listed from south to north): I-84 and N Broadway and two off-ramps (listed from south to north): N Weidler, I-405/N Fremont, and N Greeley. There are existing auxiliary lanes between the I-84 on-ramp and N Weidler off-ramp and between the N Broadway on-ramp and I-405/N Fremont off-ramp.</p> <p>For proposed improvements, the on-ramps and off-ramps are the same as those shown for existing conditions, and all existing auxiliary lanes remain. There is one new SB proposed auxiliary lane that results in a continuous auxiliary lane from the N Greeley on-ramp extending south to the Morrison Bridge off-ramp. There is one NB proposed auxiliary lane that results in a continuous auxiliary lane from the I-84 on-ramp north to the N Greeley off-ramp. Two additional proposed NB auxiliary lane segments also extend the existing auxiliary lane between the I-84 on-ramp and N Weidler off-ramp.</p>

Figure Number	Figure Title	Figure Description
4	I-5 Cross Section (N/NE Weidler Overcrossing) – Existing Conditions and Proposed Improvements	Figure 4 shows a cross section comparison of existing and proposed conditions of I-5 south of the N/NE Weidler overcrossing within the Broadway/Weidler interchange area. Existing conditions are shown on the top and are the same for NB and SB traffic and include an inside and outside shoulder of varying width and two 12-foot lanes. Proposed lane configuration is shown below the existing conditions and is the same for NB and SB traffic and include an inside and outside shoulder, two through lanes, and one auxiliary lane. All shoulders and lanes are 12 feet wide.
5	Broadway/Weidler/Williams and Vancouver/Hancock Highway Covers	Figure 5 shows a rendering of the Broadway/Weidler/Williams and Vancouver/Hancock highway covers. The Broadway/Weidler/Williams cover appears as a green space that spans east-west across I-5, extending from immediately south of N/NE Weidler to immediately north of N/NE Broadway. The entire block between N/NE Weidler, NE Victoria, N/NE Broadway, and N Williams is all shown as a green space covering I-5. The Vancouver/Hancock cover is located farther to the north and appears as a smaller green space extending northwest and southeast from N Vancouver at its intersection with N/NE Hancock. Proposed bike lanes are also shown along N/NE Weidler, N Williams, N Vancouver, N/NE Broadway, and N/NE Hancock.
6	Broadway/Weidler Interchange Area Improvements	Figure 6 shows locations of improvements to the Broadway/Weidler interchange between I-5, the interchange, and the local street network. Improvements are labeled with letters A through H. The Broadway/Weidler/Williams cover spans east-west across I-5, extending from immediately south of N/NE Weidler to immediately north of N/NE Broadway. The Vancouver/Hancock cover is located farther to the north and appears as a smaller green space extending northwest and southeast from N Vancouver at its intersection with N/NE Hancock. Both covers are indicated by the letter “A.” Letter “B” is located near the bottom of the figure and shows how the I-5 SB on-ramp would be relocated by having it begin one block farther north at N/NE Weidler instead of N Ramsay Way, where the existing ramp begins. Letter “C” located near the middle of the figure shows the segment of N Williams between N Ramsay and N Weidler that would be closed to private motor vehicles. Letter “D” located near the middle of the figure shows the location of where traffic flow on N Williams between N/NE Weidler and N/NE Broadway would be converted to a reverse traffic flow two-way street with a 36-foot-wide median. Letter “E” shows the location of the proposed Hancock-Dixon crossing that extends from the intersection of N Dixon and N Wheeler east to N Williams and N/NE Hancock. Letter “G” indicates the location where N Flint would be removed beginning at N Tillamook and extending south to N Broadway. Letter “H” shows the location of the proposed Clackamas bicycle and pedestrian bridge, located south of N/NE Weidler to connect NE Clackamas with N Williams. The Project Area boundary and proposed auxiliary lanes and shoulders are also shown on the figure.
7	Conceptual Illustration of Proposed N Williams Multi-Use Path and Revised Traffic Flow	Figure 7 shows a rendering of the proposed N Williams multi-use path and reverse traffic flow. The foreground in the bottom half of the rendering shows the multi-use path as an extension of the sidewalk to the west (left) of N Williams. The top half of the rendering shows two SB traffic lanes to the east (right) of the multi-use path/median and two NB traffic lanes to the west (left) of the multi-use path/median. The Broadway/Weidler/Williams cover is shown as green space to the east (right) of N Williams SB traffic lanes.
8	Clackamas Bicycle and Pedestrian Crossing	Figure 8 shows a rendering of the Clackamas bicycle and pedestrian crossing. The crossing is shown as a curved elevated path crossing I-5, connecting NE Clackamas on the east side of I-5 to N Williams on the west side of I-5. Green bicycle lanes are also shown on either side of N Williams, located just west of I-5.

Figure Number	Figure Title	Figure Description
9	Project Area and Area of Potential Impact	Figure 9 shows the Project Area and Area of Potential Impact (API) for hazardous materials. The Project Area encompasses a 1.7-mile segment of I-5, beginning north of I-405 at milepost 303.2, extending south to the Burnside Bridge just south of I-84 at milepost 301.5. The API for hazardous materials encompasses a 1.0-mile buffer around the Project Area. The API extends north to NNE Alberta Street, east as far as NE 26th Ave, south as far as SE Harrison, and west as far west as NW 20th. The Willamette River is also shown on the figure, which bisects the API and is located west of the Project Area.
10	Sites of Concern	Figure 10 shows the Sites of Concern ranked as high priority, medium priority, moderate priority, and low priority overlaid with the Project Area. Four high-priority sites are shown within the Project Area: one near N Dixon and N Wheeler, one near where N Broadway and N Weidler converge, and two near NE Broadway and NE Victoria (one north of NE Broadway and one south of NE Broadway). There are two medium-priority sites in the Project Area, both located along N Hancock between N Wheeler and N Flint. There are four moderate-priority sites in the Project Area: one near N Williams and N Ramsay Way, one near N Vancouver and N Broadway, and two along NNE Hancock (one just west of N Williams and one just east of N Williams). Additionally, there is one moderate-priority site located just outside of the Project Area at the intersection of N Mississippi and N Graham. There are numerous low-priority sites throughout the Project Area as well as to the east of the Project Area, and a few scattered west of the Project Area.
11	Sites of Concern near ODOT Acquisitions and Easements	Figure 11 shows the Sites of Concern ranked as high priority, medium priority, moderate priority, and low priority overlaid with the Project Area, permanent acquisitions, permanent surface easements, permanent subsurface easements, and temporary easements. The figure shows the permanent easements that overlap Sites of Concern is described in Tables 4 and 5 in the Technical Report. The figure also shows the following Sites of Concern overlapping temporary easements: one moderate-priority site located along NE Hancock between N Williams and NE Victoria, one moderate-priority and one low-priority site along N Vancouver between N Weidler and N Broadway, two low-priority sites at NE Weidler and NE 1st, and one low-priority site just north of the I-84 on-ramp from I-5. There is also one low-priority and one medium-priority site located immediately north of a temporary easement along N Hancock between N Wheeler and N Flint and one high-priority site immediately south of a temporary easement north of N Broadway between N Wheeler and N Flint shown on the figure. The Willamette River is shown to the west of the Project Area and the following three bridges are shown (from north to south): Broadway Bridge, Steel Bridge, and Burnside Bridge.

