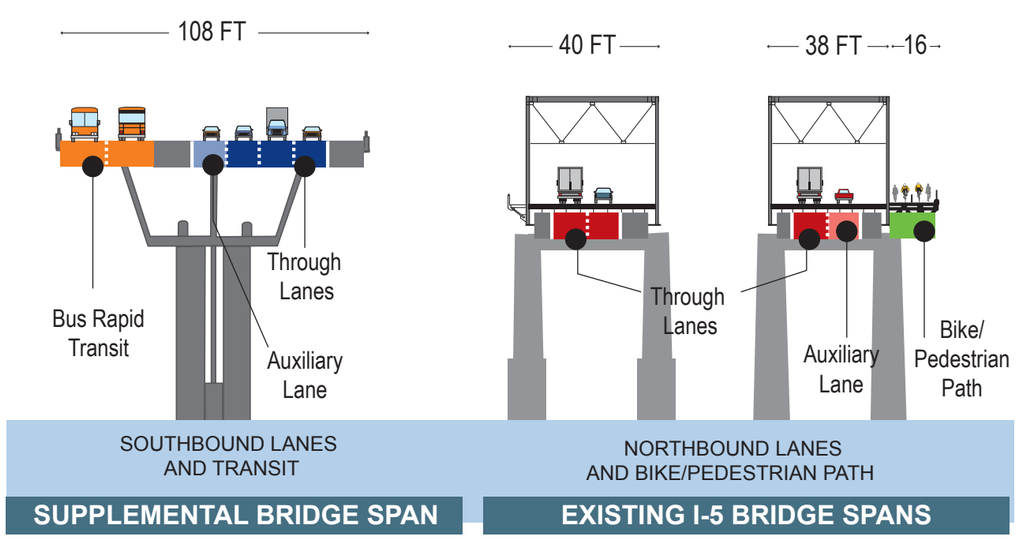
ALTERNATIVE 4: Supplemental Crossing with Bus Rapid Transit

This alternative would retain both existing I-5 bridges and add one new bridge. The existing I-5 bridges would be re-striped to provide two northbound lanes on each bridge and provide safety shoulders for disabled vehicles. Currently each bridge has three lanes and no shoulders. A new, wider bicycle and pedestrian facility would be added to the east side of the existing northbound (eastern) bridge. A new supplemental bridge would be constructed downstream of the existing bridges, and would include four southbound I-5 traffic lanes, safety shoulders and a bus rapid transit guideway.

Buses would operate in an exclusive guideway from the Expo Center in Portland along one of several possible alignments through the project area to end at one of four possible terminus options (a description of these options is contained in Section 2.3.1 below). The exclusive bus lanes would extend 2.07–4.22 miles north from the Expo Center through Vancouver, and include five to seven transit stations and three to five structured or surface park and rides with up to 2,410 spaces, depending upon the transit terminus. Buses would operate more frequently than with Alternative 2, to compensate for the reduced auto capacity of the supplemental crossing compared to the replacement crossing. Local bus service in Vancouver and Clark County would increase to serve new transit passengers. Automobiles and trucks would pay a toll to cross the Columbia River that would be slightly higher during peak commute periods than for Alternatives 2 and 3.

Supplemental River Crossing with Bus Rapid Transit



Please see page 2-19 for a definition of Auxiliary Lanes.
MEASUREMENTS PROVIDED ARE APPROXIMATE.

Transit Terminus and Alignment Options for Alternative 4

MAP DIMENSIONS ARE APPROXIMATE.
MOS=Minimum Operable Segment