

Summary of Crossing Concepts Considered to Date

Note – Table would be recreated to look less “engineering-y”

Characteristic	Concept 1	Concept 2	Concept 3	Concept 4	Concept 5	Concept 6	Concept 7	Concept 8	Concept 9	Concept 10	Concept 11
Crossing Type	Double-deck Bridge	Double-deck ??? Bridge	Double-deck Bridge	Double-deck Bridge	Single-deck Bridge	Double-deck Bridge	Single-deck Bridge	Single-deck Bridge	Tunnel	Could be developed as Concepts 3, 4, 5, or 8	Single-deck Bridge
Location	West of existing bridges	East of existing bridges	At existing bridges	At existing bridges	East of existing bridges	West of existing bridges	Vehicle bridge east of existing bridges. High Capacity Transit Bridge west of existing bridges	East of existing bridges	East of existing bridges	Could be developed as Concepts 3, 4, 5, or 8	Immediately west of existing bridges and further west near existing BNSF
Northbound Traffic	Existing bridges (five-lanes)	New bridge (five-lanes)	Lower-deck (five-lanes)	Upper-deck (five-lanes)	Three-lanes on east side of new bridge	Existing northbound I-5 bridge (three lanes)	New three-lane bridge. Possible HOV, express or reversible lane traffic on existing northbound I-5 bridge.	Three-lanes on the east side of new bridge	Two-lanes in Tunnel Arterial Traffic on Existing Bridges	Could be developed as Concepts 3, 4, 5, or 8	Three-lanes on existing east bridge; arterial traffic on new bridges
Southbound Traffic	Upper-deck (five-lanes)	Existing bridges (five to six -lanes)	Upper-deck (five-lanes)	Lower-deck (five-lanes)	Three-lanes on west side of new bridge)	Existing southbound I-5 bridge (three lanes)	Existing southbound I-5 bridge. Possible HOV, express or reversible lane traffic on existing northbound I-5 bridge.	Three-lanes on the west side of new bridge	Two-lanes in Tunnel Arterial Traffic on Existing Bridges	Could be developed as Concepts 3, 4, 5, or 8	Three-lanes on existing west bridge; arterial traffic on new bridges
High Capacity Traffic	Lower deck of new bridge	New bridge west of existing bridges	Retrofitted existing southbound bridge	New fixed span bridge west of new structure	New lift span bridge west of existing bridges	On lower deck of new bridge	New bridge west of existing bridges	On retrofitted existing southbound I-5 bridge.	New bridge west of existing bridges	Could be developed as Concepts 3, 4, 5, or 8	On new arterial bridges
Lift Span?	Yes; Over existing channel	Yes; Over existing channel	Yes; Over existing channel This concept could be converted to an elevated lift span concept over the existing shipping	No – fixed span. Requires relocation of shipping channel to mid-river This concept could be converted to an elevated lift span concept over the	Yes; Over existing channel This concept could be converted to an elevated lift span concept over the existing shipping channel.	Yes; Over existing channel	Yes; Over existing channel	Yes; Over existing channel This concept could be converted to an elevated lift span concept over the existing shipping channel.	Yes; Over Existing Channel	No – Fixed Span	Yes; Over existing channel

