

## Bridge Type Attributes and Features

	Weighting	Box Girder	Cable-Stayed	Extradosed	Thru Arch	Deck Arch	Delta Frame
<b>Harmony with landscape and setting</b>							
– Scale in the landscape – contextual view of the City and nature							
<b>Distinctive character</b>							
<ul style="list-style-type: none"> <li>– Iconic presence – identity that anchors bridge to place</li> <li>– Current state of the art of bridge engineering design</li> <li>– Elegance and craftsmanship</li> <li>– Structural honesty and uniqueness</li> <li>– Portland south gateway – announce entrance to Portland and gateway to Sellwood</li> <li>– Opportunity for accent lighting – architectural presentation</li> <li>– Variety of bridges on the Willamette – different than the ones already on the river</li> <li>– Historic reference</li> </ul>							
<b>Sense of Place and safety for user’s experience</b>							
<ul style="list-style-type: none"> <li>– Awareness of bridge – structure above to denote place on the bridge</li> <li>– Aware of river beneath</li> <li>– Amendable to bike/ped as well as auto/trucks</li> <li>– “Place” for bikes and peds – connection to trail loops</li> <li>– Experience dependent on direction of travel</li> </ul>							

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<b>Flexibility to accommodate current and future uses</b>							
<ul style="list-style-type: none"> <li>- Deck width Flexibility – facilitate future streetcar opportunities</li> <li>- Complete southern bike loop, anticipate future increased use</li> <li>- Need to accommodate changes in cross-section (uses) in the future</li> <li>- Integration of approaches with main bridge and connectors</li> </ul>							
<b>Minimize river and land use impacts</b>							
<ul style="list-style-type: none"> <li>- Minimum impacts in river for signing, recreation, boating...minimize piers in water</li> <li>- Adapt bridge to position in channel</li> <li>- Minimize ROW impacts at touchdown points</li> </ul>							
<b>Life Long utility and durability</b>							
<ul style="list-style-type: none"> <li>- Seismic performance</li> <li>- Minimize long term maintenance</li> </ul>							