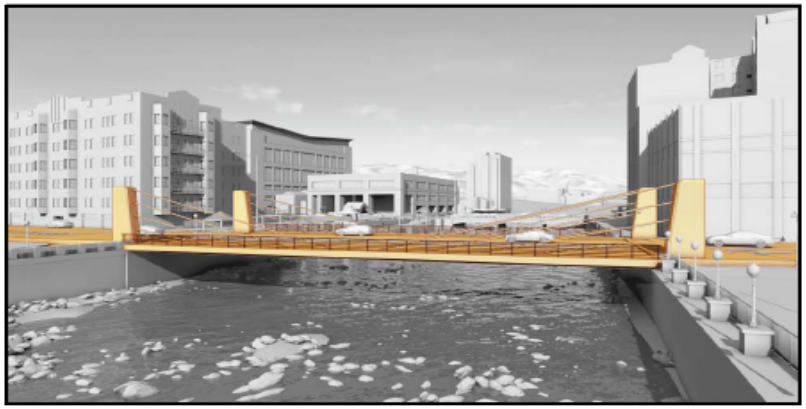
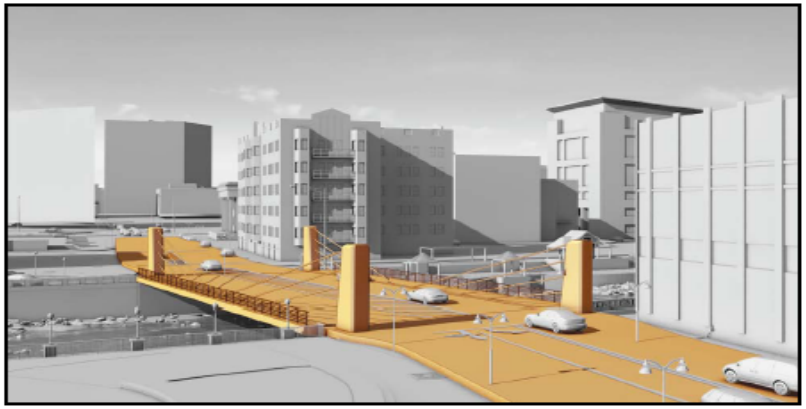
Extradosed

VIRGINIA STREET BRIDGE PROJECT





ENGINEERING COMPARISON

Bridge Type Description	Engineering Criteria: Ability to meet or exceed flood conveyance requirements	Physical impacts to surrounding infrastructure	Impacts to access for pedestrians and businesses	Construction duration / road closure	Consistency with future projects such as the Streetcar and Post Office Plaza	Conceptual construction and lifecycle cost (See Note Below)	Ability to support a "family of bridges" concept
Rigid Frame	○	◒	◔	◔	○	$	○
Pony Truss	○	◒	◔	○	○	$	◔
Extradosed	○	◒	◔	◔	○	$	◔
Lift Bridge	○	◔	○	◒	◔	$$$$	○
Bascule Bridge	○	◔	○	◒	◒	$$$$	◔

Legend:			
○	◔	◒	●
Best	Good	Fair	Poor

Note: $ <$20 Million $$ <$30 Million $$$ <$40 Million $$$$ <$50 Million