






# Floodplains

Transportation projects are required to avoid or minimize highway intrusion within floodplains\*, where practicable. The floodplain determines what areas are flooded for various storm events. Design for these flooding areas should reduce the risk of flood loss; minimize the effect of floods on human safety, health, and welfare; and should restore and preserve any natural and beneficial values served by the floodplain.

*(More detail can be found in Section 5.14 of the DEIS)*

Impacts					
	 <b>No-Action</b>	<b>Alternative</b>  <b>1</b> EXISTING	<b>Alternative</b>  <b>3</b> EXISTING, TOLLED	<b>Alternative</b>  <b>4</b> REALIGNED	<b>Alternative</b>  <b>6</b> REALIGNED, TOLLED
<b>Floodplains and drainage/hydrology</b>	The existing floodplains would remain as they are and no impacts are anticipated				
<b>Mitigation</b>	Improved drainage systems.				

\* The Federal Emergency Management Agency (FEMA) regulates 100-year floodplains (100-year flood has a one percent chance of occurring in any given year). The non-FEMA regulated floodplains, such as the urban flooding areas in downtown Denver, have fewer restrictions on them; however, they are no less important.