






Wetlands

Wetlands is the collective term for marshes, swamps, bogs, and other areas found in flat vegetated areas or in depressions in the landscape. Wetlands are the vital link between water and land. They are the transition zones where the flow of water, the cycling of nutrients, and the energy of the sun meet to produce an ecosystem. In order to protect wetlands, the Environmental Protection Agency (EPA) along with the U.S. Army Corps of Engineers (USACE) have established regulations for development that impacts wetlands.

(More detail can be found in Section 5.15 of the DEIS)

Impacts					
	 No-Action	 Alternative 1 EXISTING	 Alternative 3 EXISTING, TOLLED	 Alternative 4 REALIGNED	 Alternative 6 REALIGNED, TOLLED
Acres of Permanent Effect					
Jurisdictional Wetlands*	None	0.31	0.27	1.06	0.58
Mitigation	Coordination with United States Army Corps of Engineers (USACE) for Section 404 permit under the Clean Water Act.				
Non-Jurisdictional Wetlands	None	1.59	1.59	0.98	1.61
Total Acres of Permanent Effect	None	1.90	1.86	2.04	2.19
Mitigation	All permanently impacted wetlands, jurisdictional or non-jurisdictional, would be replaced 1:1. Wetlands temporarily affected during construction would be restored.				

*Jurisdictional wetlands are regulated by EPA and USACE

Note: Total numbers may not add up due to rounding.