

Impact & Mitigation Summary

Resource	Meander Alternative Impacts	Meander Alternative Mitigation
Right-of-Way and Relocations	Structures and land acquisition: 6 homes, 47.6 acres of residential property, no businesses, 7.1 acres of commercial property, and 2 outbuildings (small barns and sheds) for a total of approximately 54.7 acres	Compensation will be under the Uniform Relocation Assistance and Real Property Acquisition Policies Act (Uniform Act)
Hazardous Materials/Waste	Proximity of the leaking underground storage tank (LUST) site at the Diamond Shamrock station to the US 287 and SH 402 intersection indicates there is a potential for migration of contamination into the intersection.	Additional LUST site monitoring and testing prior to construction will be done.
	Relocation of utility transformers with the potential to contain polychlorinated biphenyls (PCBs) may occur.	The utility company of ownership will be responsible for the handling and disposal of transformers.
Historic Preservation	Adverse effect on Weber Farm (5LR10725)	CDOT and the State Historic Preservation Officer executed a Memorandum of Agreement (MOA) to resolve adverse effects on this property.
Section 4(f)	A determination of adverse effect has been made for the Weber Farm (southeast of CR 13C) resulting in a use under Section 4(f).	There is no prudent and feasible action alternative that alleviates the use of the historic Weber Farm. The SHPO was consulted and an MOA has been executed.
	<i>De minimis</i> impacts were found for the following per FHWA on November 15, 2006: <ul style="list-style-type: none"> • Big Thompson Manufacturing Ditch Segment (northeast of the Propp Farm) • Propp Farm (southwest of CR 9E and SH 402) • Weber Farm East (southwest of CR 9E and SH 402) • Mountain View Farm (northwest of I-25 and SH 402) 	Measures will be taken to minimize harm to the remaining four properties.
Noise	Noise levels equal to or in excess of 66 dB(A) were forecast at 11 residential locations; not including 2 residences, which will be acquired for improvement to be implemented.	No mitigation is feasible or reasonable.
Vegetation	23.7 acres of vegetation will be affected.	CDOT requirements will be followed to ensure adequate revegetation.
Wetlands	0.89 acre of wetlands permanently impacted.	Wetlands replacement will result in no net loss of wetlands.

See EA for additional detail on all resources.