

3.23 SUMMARY COMPARISON OF ALTERNATIVES

This section summarizes the alternatives and provides a comparison between the Midvalley Highway East Alternative and the Midvalley Highway West Alternative. Table 3.23-1 lists the resources discussed in this section and their impacts based on the alternatives.

TABLE 3.23-1, SUMMARY COMPARISON OF ALTERNATIVES

	Midvalley Highway East		Midvalley Highway West	
	Option A	Option B	Option A	Option B
Length of Alternative				
Length in miles	12.2	12.5	12.4	13.2
Traffic				
Vehicle Miles Traveled	1,948,000		1,978,000	
Transportation				
	No impact.			
Land Use (impacts in acres)				
Industrial	52	51	51	51
Commercial	0	0	10	26
Residential	0	0	0	0
Low-density Residential	3	3	7	18
Recreational	0	0	0	0
Agricultural	253	258	193	196
Tooele Army Depot	13	13	13	13
Vacant Lands	209	209	248	273
Total Acreage	530	534	522	577

TABLE 3.23-1, SUMMARY COMPARISON OF ALTERNATIVES

	Midvalley Highway East		Midvalley Highway West	
	Option A	Option B	Option A	Option B
Agricultural Lands (impacts in acres)				
Farmland of Statewide Importance	22	22	46	37
Rangeland	208	215	127	153
Total Acreage	230	237	173	190
Agricultural Protection Areas (APA)	24	24	61	19
Social and Community Resources				
Relocations	4	4	2	1
Economics				
	No impact.			
Pedestrian and Bicycle Considerations				
	No impact.			
Air Quality				
	No impact.			
Noise				
Residential Noise Impacts	4	4	3	0
Geology, Soils, and Topography				
	No impact.			

TABLE 3.23-1, SUMMARY COMPARISON OF ALTERNATIVES

	Midvalley Highway East		Midvalley Highway West	
	Option A	Option B	Option A	Option B
Water Resources				
Floodplains	No adverse impacts			
Surface Protection Zones	Zone 1 - No impact Zone 2 - Two impacts Zone 3 - Three impacts Zone 4 - Four impacts		Zone 1 - No impact Zone 2 - Two impacts Zone 3 - Two impacts Zone 4 - Two impacts	
Groundwater Rights (within ROW)	70	70	19	1
Wetlands and Waters of the US				
Wet Meadow	15.60	15.60	0.48	0.48
Vegetated Mineral Flat	8.25	8.25	12.33	11.41
Marsh	0.05	0.05	0.05	0.05
Total	23.90	23.90	12.86	11.94
Wildlife; Threatened, Endangered, and Candidate Species; Utah State Sensitive Species				
Threatened, Endangered, and Candidate Species	No impact; none in project study area.			
Birds of Conservation Concern	Impact to some habitat. However, abundant habitat located within the project study area.			
Utah State Species of Concern	Impact to some habitat. However, abundant habitat located within the project study area.			
Other Wildlife Species	Impact to some habitat. However, abundant habitat located within the project study area.			
Vegetation and Invasive Species				
	No impact.			
Historic, Archaeological, and Paleontological Resources				
Adverse Effect	0	0	0	0
No Adverse Effect	4	4	5	5

TABLE 3.23-1, SUMMARY COMPARISON OF ALTERNATIVES

	Midvalley Highway East		Midvalley Highway West	
	Option A	Option B	Option A	Option B
Hazardous Materials				
	No impact.			
Visual Quality				
	No impact.			
Energy				
	No impact.			
Section 4(f) Use (see Chapter 4)				
Use	0	0	0	0
Use, <i>de minimis</i>	7	7	8	8