

## CAMINO PARALLEL CAPACITY / SAFETY STUDY ALTERNATIVES EVALUATION MATRIX

	ALTERNATIVES				
	A	A2	B	C	D
<b>Design Facts</b>					
Alignment Length	9330'	8210'	7950'	6340'	9480'
Average Grade	3.6%	5.2%	6.4%	9.2%	3.6%
Maximum Grade	10%	10%	15%	15%	10%
Total elevation loss along alignment from Camino Heights	340'	430'	510'	585'	340'
<b>Purpose and Need Issues</b>					
Access to Still Meadows residents	YES	YES	YES	NO	YES
Access to Camino Heights residents	YES	YES	YES	YES	YES
Trip length from Camino Heights to Newtown Rd. @ Parkway Drive	1.9 miles	2.0 miles	2.2 miles	2.7 miles	1.9 miles
<b>Natural, Environmental &amp; Physical Impacts</b>					
Impacts to El Dorado Trail - % of alignment adjacent to El Dorado Trail	95%	60%	20%	0%	100%
New Crossing of El Dorado Trail	YES	YES	YES	YES	NO
Direct Environmental Impact (quantity of earthwork in cubic yards)	71,000	71,000	58,000	140,000	50,000
Proximate to saturated soils / springs / mine shafts & tunnels	YES	YES	YES	NO	YES
Impacts to Important Biological Corridor (IBC) - % of alignment within Important Biological Corridor	50%	50%	95%	100%	50%
Property Impacts (Number of impacted parcels incl. slope easements)	17 Parcels	17 Parcels	29 Parcels	17 Parcels	26 Parcels
New Crossing of New Weber Ditch (El Dorado Irrigation District)	NO	NO	YES	YES	NO
<b>Planning-Level Cost Estimate</b>					
Right-of-Way	\$ 1,280,000	\$ 1,130,000	\$ 1,100,000	\$ 880,000	\$ 250,000
Slope Easement	\$ 530,000	\$ 490,000	\$ 310,000	\$ 770,000	\$ 400,000
Roadway Construction (incl. mobilization & 30% contingency)	\$ 6,890,000	\$ 6,480,000	\$ 5,590,000	\$ 8,050,000	\$ 5,750,000
<b>TOTAL COST</b>	<b>\$ 8,700,000</b>	<b>\$ 8,100,000</b>	<b>\$ 7,000,000</b>	<b>\$ 9,700,000</b>	<b>\$ 6,400,000</b>