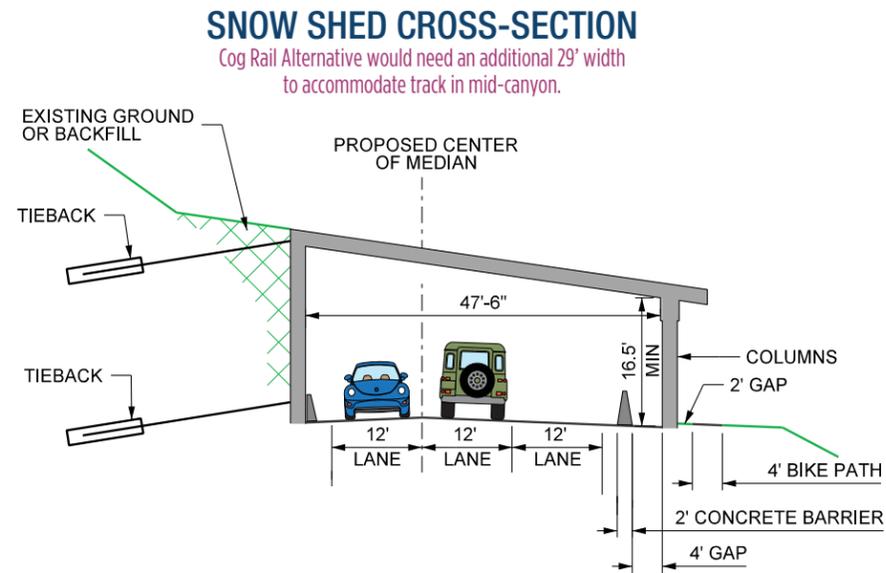


AVALANCHE MITIGATION ALTERNATIVES

ALTERNATIVE	Total length (Feet)	Impacts (Properties)		Costs (\$ Millions)
		Relocations	Section 4(f)	Capital costs
MID-CANYON SNOW SHEDS WITH BERMS	2,465	0 Residential	1 Sites	\$91 \$180 Cog Rail
MID-CANYON SNOW SHEDS WITH REALIGNED ROAD AND NO BERMS	3,194	0 Residential	1 Sites	\$109 \$200 Cog Rail
UPPER CANYON SNOW SHEDS HELLGATE/SUPERIOR	3,645	0 Residential	0 Sites	\$155 Cog Rail Only



YEARLY LCC CLOSURE HOURS DUE TO AVALANCHE MITIGATION

