

## Near-Term (Year 2020) Measures of Effectiveness

	Alternative			Corridor Travel Time (Minutes)						
			Systemwide Delay (Annual Vehicle-Hours)		AM Peak		Afternoon Peak		PM Peak	
					Northbound	d Southbound	Northbound	Southbound	Northbound	Southbound
	No Improvements		1,601,000		4.1	4.0	3.4	13.1	3.4	9.6
С	hange Relative to No	Improvements								
	Alternative Minor Improver		No change relative to no improvements scenario							
	Alternative Signals and Minor Im		-1,164,000	-1,164,000		+0.9	+0.2	-8.7	+0.1	-5.2
	Alternative 3 Roundabounts and Minor Improvements		-1,240,000	-1,240,000		+0.1	+0.3	-8.8	+0.2	-5.6
	Alternative 4 Signals and Major Improvements		-1,159,000	9,000		+0.1	+0.2	-9.5	+0.1	-6.1
	Alternative 5 Roundabouts and Major Improvements La Mesa Dr La Cuesta Dr		-1,233,000	-1,233,000		-0.3	+0.4	-9.3	+0.3	-5.9
					outhbound mps	I-280 Northbound Ramps	•		Wildwood Ln (North)	
S	<b>\$\$\$</b>	<b>\$\$\$</b>	<b>\$\$\$</b>	<b>~</b>	<b>\$\$</b>					
or	No change relative to No Improvements scenario									
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No Improvements

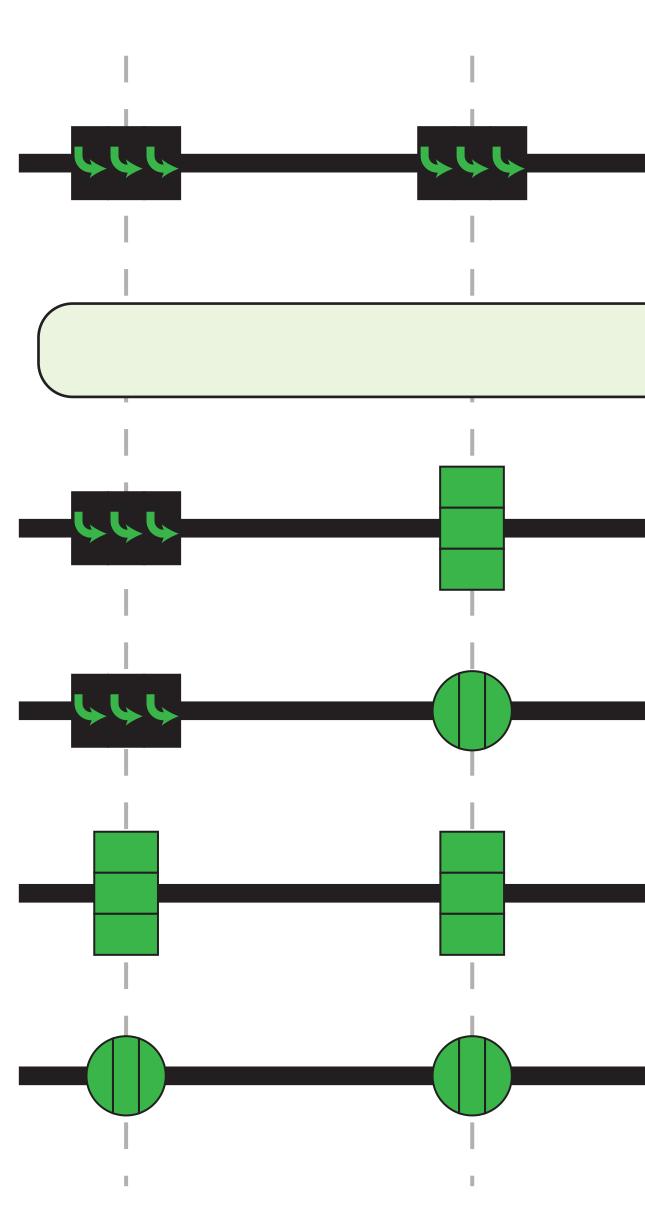
Alternative 1 - Minor Improvements

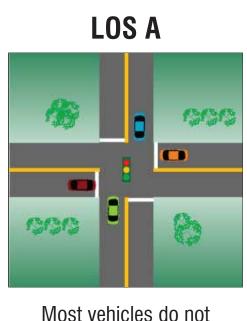
Alternative 2 - Signal and Minor Improvement

Alternative 3 - Roundab and Minor Improveme

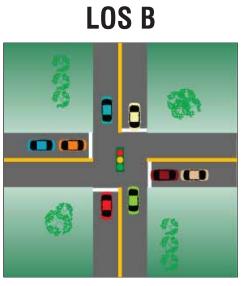
Alternative 4 - Signal and Major Improvement

Alternative 5 - Roundab and Major Improvement



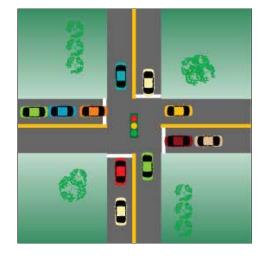


Most vehicles do not need to stop.



More vehicles stop than LOS A.

Guide to Level of Service (LOS) Grades LOS C

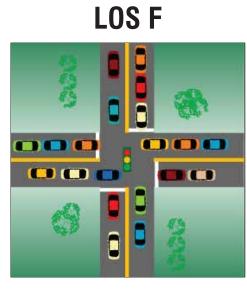


A number of vehicles are stoppping with some backup and light congestion.

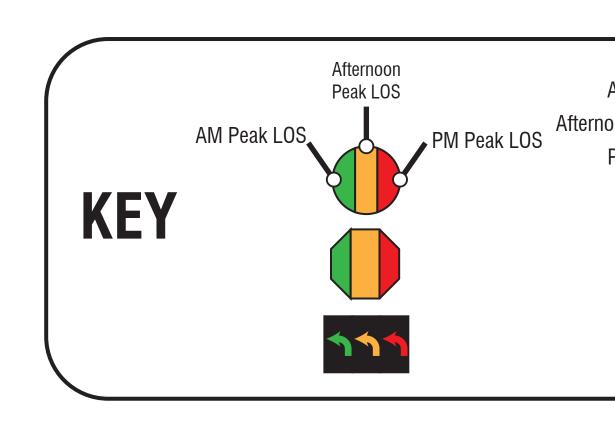


longer delays occur.

## Alpine Road Corridor Study Project



Extreme delays and extensive queuing.





AM Peak LOS 🔶 Afternoon Peak LOS → PM Peak LOS 🔶 CLOS A-D ſ LOS E

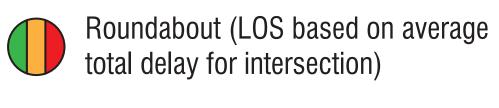
CLOS F



Signalized Intersection (LOS based on average total delay for intersection)

Side-Street Stop-Control Intersection (LOS based on average delay for worst side-street movement)

Critical Side-Street Movement for Side-Street Stop-Control Intersection



All-Way Stop-Control Intersection (LOS based on average total delay for intersection)



