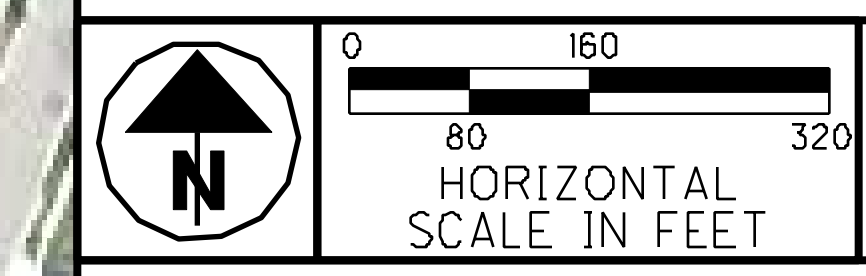




ALTERNATIVE S.1A

SIGNALS

UPDATED OCTOBER 2008



SUMMARY:

Alternative S-1a: Signal at both locations; SSL relocated

LOS:

SR 257 & Home Road				S. Sectionline Road & Home Road			
AM Peak		PM Peak		AM Peak		PM Peak	
LOS	Delay (s)	LOS	Delay (s)	LOS	Delay (s)	LOS	Delay (s)
C	34.0	C	33.5	C	32.4	B	19.8

Cost: \$8-9 Million

Pros:

- * Provides acceptable LOS
- * More spacing between intersections
- * Eliminates need for eastbound dual left turn lanes
- * Does not impact Del-Co pump station
- * Does not impact Verizon building (cost prohibitive to relocate)

Cons:

- * 2 potential relocations
- * Requires design exceptions
- * Requires widening the bridge
- * Cost exceeds available funding
- * Large footprint (i.e. large number of lanes)

Alternative S-1a is not feasible due to cost, design exceptions required and extent of the impacts.

