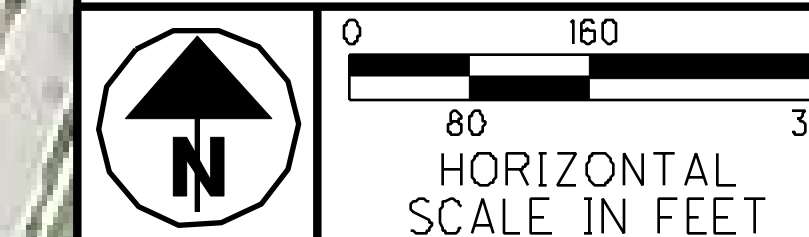




# ALTERNATIVE R.2

SINGLE POINT ROUNDABOUT

UPDATED OCTOBER 2008



## SUMMARY:

Alternative R-2: Single point roundabout

LOS:

SR 257, Home Road & SSL Road			
AM Peak		PM Peak	
LOS	Delay (s)	LOS	Delay (s)
C*	34.0	C*	21.6

\*v/c ratios exceed acceptable standards

Cost: \$7-8 Million

Pros:

- \* Eliminates 1 intersection
- \* Safer intersection traffic control
- \* No design exceptions required
- \* Reduces Delay
- \* Reduces Emissions
- \* Cost is within available funding
- \* Does not impact Del-Co pump station
- \* Does not require widening bridge
- \* Does not impact Verizon building (cost prohibitive to relocate)
- \* Potential for aesthetic enhancements
- \* Accommodates all movements with constant flow

Cons:

- \* 5 potential relocations
- \* Volume to Capacity (v/c) ratios exceed acceptable standards
- \* Requires complicated lane merging eastbound

Alternative R-2 is not feasible due to unacceptable v/c ratios and the extent of the impacts to the neighborhood.

