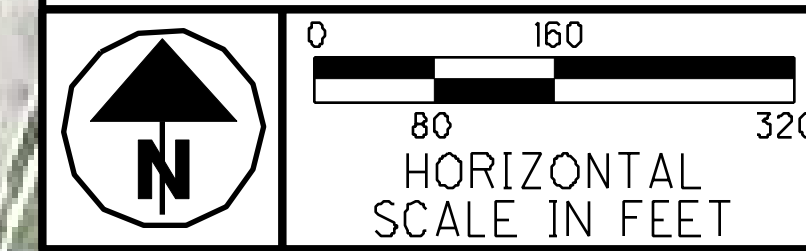




ALTERNATIVE R.3

DOUBLE ROUNDABOUT

UPDATED OCTOBER 2008



SUMMARY:

Alternative R-3: 2-Lane Roundabouts at both locations

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	25.0	B	18.6	B	10.3	B	12.1

Cost: \$6-7 Million

Pros:

- * Safer intersection traffic control
- * No design exceptions required
- * Reduces Delay
- * Reduces Emissions
- * Cost is within available funding
- * Does not require widening bridge
- * Does not impact Verizon building (cost prohibitive to relocate)
- * Provides acceptable LOS and v/c ratios
- * Potential for aesthetic enhancements
- * Accommodates all movements with constant flow

Cons:

- * 2 potential relocations
- * Impacts Del-Co pump station
- * Cannot move further south due to needed roadway alignment with bridge

