

Arlington Road Improvements - Alternative Comparison Matrix

ARLINGTON CORRIDOR PID: 116917	Description	Alternatives			
		1	2	3	4
		Roundabout- Off Center	Roundabout- Centered	Traffic Signal	No-Build
Level of Service LOS	Boettler / Arlington Int. (2044 AM / PM)	C / D	C / D	D / D	F / F
	Southwood / Arlington Int. (2044 AM / PM)	B / C	B / C	B / C	# / #
Key Factors	Improve Safety				
	Improve Mobility				
Addt. Factors	Reduce Conflicting Traffic Movements				
	Improve AM Peak Hour Capacity				
	Improve PM Peak Hour Capacity				
	Minimize Impacts to Adjacent Properties				
ROW	Impact to Existing Utilities				
	Estimated Permanent Right-of-way Acquired (Parcels)	17	39	39	0
	Estimated Permanent Right-of-way Acquired (Acres)	7.70	9.00	8.00	0
	Estimated Temporary Easements Acquired (Parcels)	31	35	35	0
	Estimated Temporary Easements Acquired (Acres)	1.68	1.06	1.05	0
	Estimated Right-of-Way Cost (Dollars)	\$511,289	\$652,935	\$393,104	\$0
Cost	Estimated Total Construction Cost (Million)	\$13.991	\$14.971	\$13.835	\$0
LEGEND GOOD FAIR POOR					
# # - No Build for Southwood is to remain as Two-way Stop Controlled. Southwood approaches are LOS F in 2044 AM and PM					