

Alternative Evaluation

#	Evaluation Item	Method Of Measurement	Existing	No Build	Build 1	Build 2	Build 3
			Year 2018	Year 2040	Year 2040	Year 2040	Year 2040
			Existing Channelization	Existing Channelization	Right Turn Lanes EB 95th, SB Book	Thru Lanes on Book, Right Turn Lanes EB 95th, SB Book	Thru Lanes on Book, Right Turn Lanes All Approaches
1	Safety	Crash Frequency (Average Crashes per Year), Actual for Existing (2013-2017), Expected for Build (2040)	20 crashes/year	28 crashes/year	13.75 crashes/year	13.75 crashes/year	12.68 crashes/year
2	Capacity	Intersection Delay - PM Peak Hour (Year 2040)	48.2 seconds	86.1 seconds	52.2 seconds	35.2 seconds	30.8 seconds
3	Operations	Southbound Book Road Queues Blocking intersection of Tamahawk Lane	Yes, Blockage	Yes, Blockage	Yes, Blockage	No Blockage	No Blockage
4	Operations	Northbound Book Road Queues Blocking Church/ Commercial Entrance	No Blockage	Yes, Blockage	Yes, Blockage	No Blockage	No Blockage
5	Operations	Eastbound 95th Street Queues Blocking YMCA Entrance	No Blockage	Yes, Blockage	No Blockage	No Blockage	No Blockage
6	Property Impacts	Acres of Acquired Permanent ROW	N/A	0	0.07 acres	0.17 acres	0.19 acres
7	Funding	Meet Requirements for Federal Funding Assistance	N/A	N/A	No, Doesn't Qualify for Federal Funding	Yes, Qualifies for Federal Funding	Yes, Qualifies for Federal Funding
8	Cost	Total Project Cost (\$ millions)	N/A	0	\$1.1 million	\$2.1 million	\$2.4 million