

Evaluation Matrix



CATEGORY	CRITERIA	No-Build	BUILD ALTERNATIVES		
			1 NB - WB	3 EB - NB	4 Dual 3rd Level
Engineering	Fully addresses Project Purpose and Need	-	+	+	++
	Addresses all major traffic movements at interchange	-	+	+	++
	Satisfies the LOS Criteria through the Design Year	-	+	+	+++
	Improves Roadway / Interchange Operation	-	+	+	+++
	Requires Access Management revisions	-	+	+	+
	Enhances SIS System Connectivity	-	++	++	+++
	Enhanced Pedestrian & Bicycle Facilities	-	+	+	+
Environmental and Social	Noise Levels (+, -, =)	-	+	+	+
	Air Quality (+, -, =)	-	+	+	++
	Potential Impact to Contaminated Sites	0	8	7	10
	Wetland Impacts (# of acres)	0	0.28	0.3	0.28
	Wildlife & Habitat Impacts	0	N/A	N/A	N/A
	Historic & Archaeological Resources (direct impacts)	0	0	0	0
	Visual / Aesthetic Impacts	=	-	-	-
	Safety / Emergency Response Times (+, -, =)	-	++	++	+++
	Section 4(f) impacts (Dreher Park)	0	0	0	0
	Mobility impacts (+, -, =)	-	++	++	+++
	Economic Development (+, -, =)	-	+	+	++
Right-of-Way	Total Potential Property Impacts (total # of parcels)	0	11	10	9
	Total Right-of-Way Required (# of acres)	0	0.812	0.578	1.518
	Total Right-of-Way Estimated Cost (\$ millions)	0	\$3.70	\$3.02	\$4.90
Estimated Costs	Final Engineering, Design & Construction (\$ millions)	0	\$61.60	\$47.30	\$81.40
	Right-of-way (\$ millions)	0	\$3.70	\$3.02	\$4.90
TOTAL ESTIMATED COSTS (\$ millions)		\$0.0	\$65.3	\$50.3	\$86.3

Legend: = Neutral - Negative + Good ++ Better +++ Best