

Appendix J

Performance Measures

- Performance Criteria Ranking Example
- Paired-Pair Comparison Round 1
- Paired-Pair Comparison Round 2

INITIAL PROJECT PERFORMANCE/EVALUATION CRITERIA

<u>NO.</u>	<u>CRITERIA</u>	<u>INITIAL PRIORITY</u>
1.	Corridor Average Travel Time	8
2.	Average Intersection Delay (SR 267 and Hadley)	5
3.	Local traffic operations	7
4.	Highway user safety (accident rate)	6
5.	Total Network Delay	7
6.	Access (quantity and quality of access)	7
7.	System compatibility / Regional Connectivity	10
8.	Travel Time Reliability	7
9.	Environmental impacts	5
10.	Economic/business impacts	4
11.	Environmental Justice	1
12.	Stimulate/support economic development	5
13.	Constructability	6
14.	Construction impacts to community	4
15.	Hydraulics/drainage	4
16.	Geotechnical stability	4
17.	Project schedule	7
18.	Project phaseability	8
19.	Construction risk	3
20.	Property Relocations	3
21.	Maintainability	7
22.	Aesthetics / Quality of Place	3
23.	Ramp Operations	6
24.	HOV traffic operations	5
25.	Non-motorized mobility	5
26.	Construction impacts on business	3
27.	Traffic operations during construction	3
28.	Roadway geometrics	8
29.	Right-of-way impacts	7
30.	Riding surface	6
31.	Welcome / Way-finding signage	5
32.	Utilities	5
33.	Cost/worth/value	10

PRIORITY LEGEND FOR CRITERIA

- 10 = High Importance
- 5 = Medium Importance
- 1 = Low Importance
- 0 = Not Applicable

PERFORMANCE CRITERIA PRIORITIZATION MATRIX

I-70 New Access Interchange - Plainfield, IN



														TOTAL	%			
Highway User Safety		A																26.6%
Local Traffic Operations			B															14.9%
System Compatibility / Regional Connectivity				C														16.8%
Travel Time Reliability					D													16.9%
Total Network Delay						E												10.3%
Environmental Impacts							F											1.3%
Quality of Place								G										13.0%
									H									
										I								
a	More Important										J							
a/b	Equal Importance										K							
														0	100%			