

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	%				
System Compatibility / Regional Connectivity		A																
Highway User Safety			B															
Project Phaseability				C														
Total Network Delay					D													
Local Traffic Operations						E												
Access / Quality of							F											
Travel Time Reliability								G										
Environmental Impacts									H									
Stimulate/Support Economic Development										I								
a	More Important							Quality of Place			J							
a/b	Equal Importance							Cost / Value				K						
																	0	0%

PERFORMANCE CRITERIA PRIORITIZATION MATRIX



I-70 New Access Interchange - Plainfield, IN

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