

# Alternative Evaluation Matrix



Following the May 2015 Public Workshop, DeDOT considered the public comments received and continued to further refine the design of the alternatives. Three alternatives have been retained following the initial phase of alternatives evaluation. Four other alternatives were also identified as options that could be added to a retained alternative. The matrix below has been updated to reflect the high, medium and low scores relative to the retained alternatives and the evaluation criteria.

Improvement Rating: Low Medium High

		PURPOSE & NEED									
CRITERIA		SAFETY CONCERNS			WEAVE AREA ISSUES	OPERATIONAL CONCERNS			INTERCHANGE FUNCTION	RIGHT-OF-WAY	COST
Measure		SR 273 between Chapman Rd. through the I-95 Interchange	I-95 Ramp & Mainline	Overall Intersection Safety of Harmony Road at SR 273	Weave area between I-95 off-ramp & Harmony Road	Delay at the Harmony Road/ SR 273 intersection	Back-up along southbound off-ramp I-95	Travel time on SR 273 between Chapman Road and SR 4	Route continuity SR 273	Lowest Right-of-way Impacts	Order of magnitude
RETAINED ALTS	Alt 3B: Partial diamond, 1 new signal										\$3-5M
	Alt 4A: DDI 1 bridge (4 EB & 2 WB lanes)										\$30-40M
	Alt 10B: Northwest Loop Ramp Replacement										\$10-20M
SECONDARY OPTIONS	Alt 5: SR 273 3rd Lane to SR 4	N/A			N/A				N/A		\$30-40M
	Alternative 7E: Continental Drive Connection								N/A		\$50-60M
	Alt 8A: Gerald Drive NB thru/left removal	N/A	N/A		N/A				N/A		\$500K
	Alt 11: Triple Left from SB Harmony Rd	N/A	N/A		N/A				N/A		\$500K

# Public Workshop Setup



Entrance to Robert S. Gallaher Elementary School Cafeteria and Public Workshop



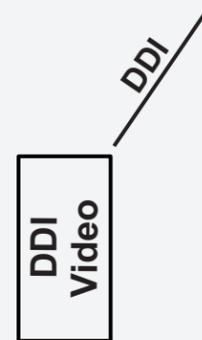
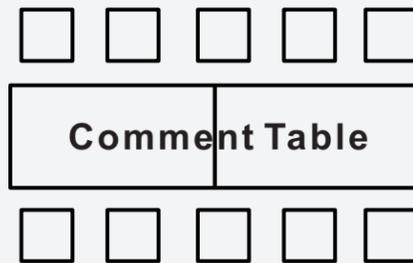
Welcome

Sign-in Table

Current Traffic Conditions | Environmental - Existing Conditions | Purpose & Need

**Retained Alternatives**      **Secondary Options**  
Alternative 3B   Alternative 10B   Alternative 4A   DDI   Alternative 5   Alternative 7E   Alternative 8A   Alternative 11

Thank you



Alternatives Not Retained | Next Steps

Alternative 3B   Alternative 10B   Alternative 4A   DDI   Alternative 5   Alternative 7E   Alternative 8A   Alternative 11  
**Retained Alternatives**      **Secondary Options**

Note: The retained alternative and secondary option displays are the same on either side of the room.