

# I-75 (S.R. 93) at NW 49<sup>th</sup> Street PD&E Study - Alternative Summary

	ALTERNATIVES				
	NO BUILD	DIAMOND	SPUI*	ParClo*SE	ParClo*NE
DESCRIPTION	No Improvements (retains existing two lane facility)	New interchange	New interchange	New interchange	New interchange
PLANNING CONSISTENCY					
CONSISTENCY WITH LONG RANGE TRANSPORTATION PLAN	NO	YES	YES	YES	YES
SOCIAL ENVIRONMENT					
NUMBER OF PARCELS AFFECTED	0	26	24	26	26
RELOCATION POTENTIAL	0	1	1	1	1
RIGHT-OF-WAY IMPACTS	0	86 acres	38 acres	86 acres	80 acres
PHYSICAL ENVIRONMENT					
POTENTIALLY CONTAMINATED SITES	0	3	2	2	3
AIR QUALITY	Worse where there is increased congestion	Better air quality due to less congestion	Better air quality due to less congestion	Better air quality due to less congestion	Better air quality due to less congestion
NATURAL ENVIRONMENT					
APPROXIMATE WETLAND IMPACTS	0	0 acres	0 acres	0 acres	Wet prairies - 0.60 acres
FLOODPLAIN IMPACTS	0	6.72 acres	1.18 acres	1.23 acres	12.76 acres
IMPACTS TO POTENTIAL SAND SKINK HABITAT	0	39.83 acres	17.54 acres	53.98 acres	26.82 acres
FARMLAND OF LOCAL IMPORTANCE (NRCS)	0	49.13 acres	22.06 acres	53.98 acres	33.87 acres
ENGINEERING ISSUES					
LEVEL OF SERVICE - I-75 SB / NB RAMPS	-	B / C	C / C	B / A	B / B
- NW 44 AVE/NW 49 ST	-	C	C	C	C
BIKE / PEDESTRIAN / ADA	No Improvements	Bike lanes and Sidewalks proposed	Bike lanes and Sidewalks proposed	Bike lanes and Sidewalks proposed	Bike lanes and Sidewalks proposed
EMERGENCY EVACUATION	Potentially worse due to no interchange	Improved with additional access	Improved with additional access	Improved with additional access	Improved with additional access
COST					
ESTIMATED CONSTRUCTION COST	0	\$38.8 Million	\$53.8 Million	\$41.1 Million	\$40.1 Million

\*Note: Single Point Urban Interchange (SPUI)  
Partial Cloverleaf (ParClo)