



I-95 at Pioneer Trail Interchange PD&E Study

from Williamson Boulevard to Turnbull Bay Road

FPID: 436292-1 ETDM No.: 14193

Alternatives Evaluation Matrix

Evaluation Factors	Alternative							
	No Build		Diamond		Partial Cloverleaf 1		Partial Cloverleaf 2	
PLANNING CONSISTENCY								
Consistency with Long Range Transportation Plan	NO		YES		YES		YES	
SOCIAL ENVIRONMENT								
# of Parcels Impacted	N/A		15		15		15	
# of Potential Relocations	N/A		1		1		1	
Total Right of Way required (acres)	N/A		34.83		41.48		40.44	
PHYSICAL ENVIRONMENT								
Potentially Contaminated Sites	N/A		LOW		LOW		NONE	
NATURAL ENVIRONMENT								
Wetland Impacts (acres)	N/A		24.44		28.59		32.54	
Cultural Impacts	N/A		0		0		0	
Floodplain Impacts (acres)	N/A		39.42		46.16		45.18	
Wildlife Impacts	N/A		0		0		0	
ENGINEERING ISSUES								
Delay*	AM	PM	AM	PM	AM	PM	AM	PM
S.R. 421 – Dunlawton Avenue (sec/veh)	78.9	57.6	19.9	21.9	19.9	21.9	19.9	21.9
Pioneer Trail (sec/veh)	N/A	N/A	28.9	21.0	26.9	21.9	16.2	15.0
S.R. 44 (sec/veh)	97.8	26.1	37.0	11.6	37.0	11.6	37.0	11.6
Bike/Pedestrian/ADA	NO IMPROVEMENTS		BIKE LANES & SIDEWALKS		BIKE LANES & SIDEWALKS		BIKE LANES & SIDEWALKS	
Emergency Evacuation	NO IMPROVEMENTS		BETTER – ADDITIONAL ACCESS		BETTER – ADDITIONAL ACCESS		BETTER – ADDITIONAL ACCESS	
Estimated Construction Costs	\$0		\$47,500,000		\$50,100,000		\$50,900,000	

*Amount of delay experienced by drivers while traveling through an intersection.