













27th Avenue/Shopko Drive Alternative Comparison

		Business 53	Prairie View	Total
ALTERNATIVE A	Intersection Control			
	Construction Cost	\$1,680,000	\$1,230,000	\$2,910,000
	R/W (SF)	27,050 SF	147,900 SF	174,950 SF
	LOS (Delay)	Overall: C (24.4 sec)	Overall: B (16.8 sec)	
	Intersection Control			
	Construction Cost	\$1,680,000	\$950,000	\$2,630,000
	R/W (SF)	27,050 SF	156,225 SF	183,275 SF
	LOS (Delay)	Overall: C (24.4 sec)	Overall: A (8.3 sec)	
	Intersection Control			
	Construction Cost	\$1,250,000	\$940,000	\$2,190,000
	R/W (SF)	12,885 SF	158,705 SF	171,590 SF
	LOS (Delay)	Overall: A (9.5 sec)	Overall: A (8.3 sec)	
Intersection Control				
Construction Cost	\$1,250,000	\$1,220,000	\$2,470,000	
R/W (SF)	12,885 SF	154,150 SF	167,035 SF	
LOS (Delay)	Overall: A (9.5 sec)	Overall: B (16.8 sec)		
ALTERNATIVE B	Intersection Control			
	Construction Cost	\$1,680,000	\$710,000	\$2,390,000
	R/W (SF)	27,050 SF	61,355 SF	88,405 SF
	LOS (Delay)	Overall: C (24.4 sec) <i>*WB will potentially back up through Prairie View intersection</i>	Overall: F (80.3 sec) <i>*NB LEFT TURN: F (365 sec) with 475' queue</i>	
	Intersection Control			
	Construction Cost	\$1,250,000	\$765,000	\$2,015,000
	R/W (SF)	12,885 SF	63,855 SF	76,740 SF
	LOS (Delay)	Overall: A (9.5 sec)	Overall: A (8.3 sec)	

NOTE: Operational analyses are based on 2033 PM peak hour traffic forecasts utilizing a 2% background growth rate, these forecast DO NOT include potential new large developments.