















	1		1				
Rank	Arterial segment	# of signals	Length (miles)	Score for total delay /per signal	Score for stops/ signal	System type score	To sco
1	Bryant-Irvin	7	3.0	50.0	30.0	10	90.
2	Hampton	16	4.6	40.8	28.9	20	89.
3	Belt Line	8	3.1	46.2	22.7	20	88
4	Harry Hines	15	5.9	41.0	25.0	20	85.
5	Illinois	16	5.9	40.5	25.4	20	85.
6	Abram/Jefferson	12	4.0	35.5	26.3	20	81.
7	FM 1171	16	4.2	36.5	22.9	20	79.
8	Northwest Hwy	19	7.6	32.6	25.1	20	77.
9	Jupiter	16	4.6	37.2	19.5	20	76.
10	Coit	19	5.4	32.1	23.0	20	75.
31	Pioneer Pkwy	9	4.2	18.1	19.2	20.0	57.
58	Great Southwest Pkwy	15	5.1	20.4	7.6	20.0	47.





_	Gr	eat Southwest	Pkwy corridor	<u> </u>				
		Number of Lanes	4					
		Length	5.37 mi.					
		Number of signals	15					
		North End	E. Division Street					
		South End	Fairmont					
		Maximum Speed Limit	45 mph					
		Average Daily Traffic	20,328					
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_	Total corridor benefits -Great Southwest Pkwy										
			North Be	ound - Total	savings in three	e years					
		# of stops	Total Delay (Hours)	Fuel (gal)	HC (Tons)	CO (Tons)	NOx (Tons)				
	АМ	1,380,709	69,905	49,172	5.1	46.5	0.5				
	MD	1,458,479	13,005	-5,338	-2.8	-42.1	-3.6				
	РМ	1,173,302	40,419	25,377	3.6	24.2	1.4				
			South B	ound - Total	savings in thre	e years					
	АМ	188,325	-5,115	-3,675	-0.2	-6.0	0.2				
	MD	1,400,873	16,916	1,063	1.9	3.9	1.1				
	РМ	-7,003,211	-95,899	-41,393	-1.7	8.2	4.1				
				TexITE summer n	neeting, College Station		13				

Pic	oneer Parkway	corridor				
	Number of Lanes	6				
	Length	2.33 mi				
	Number of signals	8				
	West End	W. Freeway				
	East End	SE 14th				
	Maximum Speed Limit	45 mph				
	Average Daily Traffic	35,351				
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Тс	tal corr	idor b	enefit	-Pio	neer Da	rkwav
10				5 -1 101		IKway
		East Bou	nd - Total sav	rings in three	e years	
	# of stops	Total Delay (Hours)	Fuel (gal)	HC (Tons)	CO (Tons)	NOx (Tons)
АМ	6,829,098	75,172	81,744	15	127	12
MD	12,638,158	126,248	112,404	21	114	17
PM	9,990,647	103,120	99,136	20	119	16
		West Bour	nd - Total sav	/ings in thre	e years	
AM	-1,276,598	-10,611	-16,717	-2	-17	-2
MD	-136,084	3,651	-38,920	-6	-99	-6
PM	6,264,081	65,305	24,278	2	-41	0
		Te	exITE summer meetin	g, College Station		15

	# of stops	Total Delay (Hours)	Fuel (gal)	HC (Tons)	CO (Tons)	NO» (Ton:
Great Southwest Pkwy	-1,401,524	39,231	25,207	5.9	34.6	3.6
Pioneer Pkwy	34,309,303	362,886	261,926	49.3	204.6	36.2



Sert	n redictors						
Dhusiaalah							
Physical ch							
Variable	Description						
L	Length						
Ν	Number of signals per mile						
1	Spacing between the signalized intersections						
Z	System type						
Traffic Cha	racteristics						
ADT	Average Daily Traffic						
FFT	Free flow travel time						
D	Delay						
NS	Number of stops						
м	Turning movements as a percentage of total volumes						

	Lengt	signal	st dev		FR	measur	Total	delay/veh	delay/ve	#Stops	# Stops/	#Stops/v
	h	density	Sp	ADT	TIME	ed TT	delay/veh	/signal	h/mile	/Veh	veh/signal	eh/mile
Length	1.0											
signal density	-0.6	1.0										
st dev Sp	0.4	-0.6	1.0									
ADT	0.3	-0.1	-0.1	1.0								
FRTIME	0.9	-0.5	0.3	0.2	1.0							
measured TT	0.9	-0.5	0.4	0.1	0.9	1.0						
Total delay/veh	0.6	-0.2	0.3	-0.1	0.6	0.8	1.0					
delay/veh/sign al	-0.1	0.0	0.2	-0.6	-0.2	0.1	0.5	1.0				
delay/veh/mile	-0.5	0.8	-0.4	-0.4	-0.5	-0.4	0.1	0.6	1.0			
# Stops/veh	0.71	-0.31	-0.09	0.03	0.70	0.85	0.88	0.25	-0.1	1.0		
# Stops/veh/ signal	0.0	-0.1	0.3	-0.5	0.0	0.2	0.5	0.8	0.3	0.55	1.0	
# Stops/veh/	-0.5	0.8	-0.3	-0.4	-0.4	-0.3	0.1	0.5	0.9	0.07	0.5	10













 Τ	otal corrid	or benefit	ts							
AM, PM and OP hourly Turning movementsTime of day										
		AM Peak	PM Peak]						
	Monday-Thursday	7AM to 9:30AM	11AM to 4 PM and 7PM to 9:30PM	4 PM to 7 PM	-					
	Friday	7AM to 9:30AM	11AM to 3 PM and 7PM to 11PM	3 PM to 7 PM						
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