

Appendix G - Traffic Signal Cost Details

FM 2920 Signal Cost Detail			
Cross Street		Traffic Signal Improvements	Project Cost
1	Lexington Road	Upgrade controller and Cabinet to TS2, add back plates, vehicular detection, crosswalks, pedestrian signals and push buttons	\$93,960
2	IH 45 Northbound Frontage Road	Upgrade to TS2 Cabinet and add back plates	\$43,740
3	IH 45 Southbound Frontage Road	Upgrade to TS2 Cabinet and add back plates	
3A	Nannette Lane	New Traffic Signal	\$0
4	Springwest Drive	Upgrade to TS2 Cabinet and add back plates	\$42,282
4A	Hanover Woods Drive	New Traffic Signal	\$0
5	Meadow Hill Drive	Upgrade to TS2 Cabinet and add back plates	\$40,662
6	Falvel Road/Ella Boulevard	Reconstruct traffic signals with left turn signal heads for cross street	\$243,000
7	Fire Station # 75	Upgrade to TS2 Cabinet, upgrade signal heads to 12" from 8" and add back plates	\$52,164
8	Bridgestone Lane	Upgrade to TS2 Cabinet and add back plates	\$42,120
9	Rhodes Road	Reconstruct traffic signals with left turn signal heads for cross street	\$243,000
10	Gosling Road	None	\$0
11	Kuykendahl Road	None	\$0
12	T.C. Jester Boulevard	None	\$0
13	Krimmel School New Intersection	Pedestrian signals, push buttons and cross walks	\$12,960
14	Alvin A Klien Boulevard	Upgrade to TS2 Cabinet, add left turn signal heads on cross street	\$44,064
15	Stuebner Airline Road - East	None	\$0
16	Boudreaux Road	Add left turn signal heads and back plates	\$9,072
17	Inverness Crossing Boulevard	None	\$0
18	Dowdell Road	Add Detection	\$38,880
19	Stuebner Airline Road - West	None	\$0
20	FM 2978/ Hufsmith Kohnville Road	None	\$0
21	Concordian/N. Willow Street	None	\$0
22	Cherry Street	Upgade cabinet to TS2, replace wooden pole, add back plates, left turn signal heads, pedestrian signals, detection and push buttons	\$114,372
23	Pine Street	Reconstruct traffic signals with left turn signal heads for FM 2920, add pedestrian signals	\$243,000
24	Baker Drive	Remove signals	\$16,200
25	Vernon Avenue	Reconstruct traffic signals with pedestrian signals and left turn signals for cross street	\$243,000
26	Holderrieth Boulevard	Upgrade cabinet to TS2, add left turn signals for cross street, add detection and back plates	\$84,888
27	Quinn Road/ Ella Street	Upgrade cabinet to TS2 and add detection	\$79,380
28	Joe B Street/ Bovinghausen Street	reconstruct signals	\$243,000
29	SH 249 New Construction (East)	None	\$0
30	SH 249 New Construction (West)	None	\$0
31	SH 249 Old	Upgrade cabinet to TS2 and add back plates	\$42,444
32	Wood Forest Drive / Lowe's - Tomball Center	None	\$0
33	Calvert Road	None	\$0
34	Park Road	None	\$0
35	Telge Road	Upgrade cabinet to TS2 and add back plates	\$41,634
36	Lutheran Church Road	None	\$0
37	Holly Creek Trail, Flasher	None	\$0
38	Cypress Rose Hill Road	Reconstruct signals	\$243,000
39	Rosewood Trail	Reconstruct signals	\$243,000
40	Sanders Cemetery Road/Mueschke Road	Reconstruct signals	\$243,000

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Cross Street	Traffic Signal Improvements	Project Cost
41 Roberts Cemetery Road	None	\$0
42 Hegar Road	None	\$0
43 Kickapoo Street (Flasher)	None	\$0
44 US 290 Westbound Frontage Road	None	\$0
45 US 290 Eastbound Frontage Road	None	\$0
46 Waller Tomball Road	Upgrade cabinet to TS2, add left turn signal heads and detection	\$86,508
47 Hempstead Road	None	\$0
Traffic Signal Improvement Costs		\$2,829,330

Corridor Signal Optimization	Signal timing	\$150,000
Signal Synchronization Costs		\$150,000
Total Cost		\$2,979,330