

Appendix G - Detailed Cost Estimates

		FACILITY AGENCY		Traffic Signal Improvements		Traffic Signal Synchronization		Add Street Name / Block Number Signs		Add Advanced Signs for Next Intersection / Signal		Add Advanced Warning Signs for Curves		Add In-Lane Rumble Strips	
ITEM	CODE	DESCRIPTION	UNIT	PRICE	QTY.	COST	QTY.	Per Each	Per Intersection	QTY.	COST	QTY.	Per Each	QTY.	Per Each
100	2002	PREPARING ROW	STA	\$ 2,500.00		\$ -		\$ -			\$ -		\$ -		\$ -
104	2001	REMOVING CONC (PAV)	SY	\$ 4.00		\$ -		\$ -			\$ -		\$ -		\$ -
104	2009	REMOVING CONC (RIPRAP)	SY	\$ 6.00		\$ -		\$ -			\$ -		\$ -		\$ -
104	2021	REMOVING CONC (CURB)	LF	\$ 4.00		\$ -		\$ -			\$ -		\$ -		\$ -
104	2036	REMOVING CONC (SIDEWALK OR RAMP)	SY	\$ 11.00		\$ -		\$ -			\$ -		\$ -		\$ -
105	2014	REMOVING STAB BASE & ASPH PAV (7'-12")	SY	\$ 2.00		\$ -		\$ -			\$ -		\$ -		\$ -
110	2001	EXCAVATION (ROADWAY)	CY	\$ 4.00		\$ -		\$ -			\$ -		\$ -		\$ -
112	2002	SUBGRADE WIDENING (DENS CONT)	STA	\$ 3,500.00		\$ -		\$ -			\$ -		\$ -		\$ -
132	2005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	\$ 25.00		\$ -		\$ -			\$ -		\$ -		\$ -
150	2001	BLADING	STA	\$ 130.00		\$ -		\$ -			\$ -		\$ -		\$ -
160	2003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$ 1.00		\$ -		\$ -			\$ -		\$ -		\$ -
162	2002	BLOCK SODDING	SY	\$ 3.00		\$ -		\$ -			\$ -		\$ -		\$ -
164	2045	STRAW OR HAY MULCHING	SY	\$ 0.20		\$ -		\$ -			\$ -		\$ -		\$ -
168	2001	VEGETATIVE WATERING	MG	\$ 13.00		\$ -		\$ -			\$ -		\$ -		\$ -
170	2001	IRRIGATION SYSTEM	LS	\$ 25,000.00		\$ -		\$ -			\$ -		\$ -		\$ -
247	2041	FL BS (CMP IN PLC)(TY A GR 1)(FNAL POS	CY	\$ 62.00		\$ -		\$ -			\$ -		\$ -		\$ -
260	2012	LIME(HYD.COM OR QK)(SLRY)OR QK(DRY)	TON	\$ 116.00		\$ -		\$ -			\$ -		\$ -		\$ -
260	2014	LIME TRT (SUBGR)(DC)(6")	SY	\$ 1.00		\$ -		\$ -			\$ -		\$ -		\$ -
316	2006	ASPH (AC-20-5TR)	GAL	\$ 2.00		\$ -		\$ -			\$ -		\$ -		\$ -
316	2222	AGGR(TY-PB GR-4S SAC-B)	CY	\$ 85.00		\$ -		\$ -			\$ -		\$ -		\$ -
341	2122	D-GR HMA(QCQA) TY-D PG70-22	TON	\$ 80.00		\$ -		\$ -			\$ -		\$ -		\$ -
354	2023	PLANE ASPH CONC PAV(0" TO 4")	SY	\$ 3.00		\$ -		\$ -			\$ -		\$ -		\$ -
360	2018	CURB (TYPE II)	LF	\$ 4.00		\$ -		\$ -			\$ -		\$ -		\$ -
360	2023	CONC PAV (JOINT REINF) (6")	SY	\$ 38.00		\$ -		\$ -			\$ -		\$ -		\$ -
432	2066	RIPRAP (CONC)(CL B)	CY	\$ 221.00		\$ -		\$ -			\$ -		\$ -		\$ -
502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$ 5,000.00		\$ -		\$ -			\$ -		\$ -		\$ -
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$ 2.00		\$ -		\$ -			\$ -		\$ -		\$ -
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$ 1.00		\$ -		\$ -			\$ -		\$ -		\$ -
531	2005	CURB RAMPS (TY 1)	EA	\$ 1,400.00		\$ -		\$ -			\$ -		\$ -		\$ -
531	2024	CONC SIDEWALK (5")	SY	\$ 33.00		\$ -		\$ -			\$ -		\$ -		\$ -
533	2001	SHOULDER TEXTURING (MILLED)	STA	\$ 17.00		\$ -		\$ -			\$ -		\$ -		\$ -
636	2001	ALUMINUM SIGNS (TY A)	SF	\$ 26.00		\$ -		\$ -	16	\$ 416.00	18	\$ 468.00	9	\$ 234.00	\$ -
644	2001	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	\$ 400.00		\$ -		\$ -	2	\$ 800.00	2	\$ 800.00	1	\$ 400.00	\$ -
662	2004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -			\$ -		\$ -		\$ -
662	2032	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -			\$ -		\$ -		\$ -
662	2050	WK ZN PAV MRK REMOV (REFL) TY I-A	EA	\$ 2.00		\$ -		\$ -			\$ -		\$ -		\$ -
666	2003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -			\$ -		\$ -		\$ -
666	2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	LF	\$ 0.80		\$ -		\$ -			\$ -		\$ -		\$ -
666	2012	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -		\$ -			\$ -		\$ -		\$ -
666	2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$ 0.75		\$ -		\$ -			\$ -		\$ -		\$ -
666	2042	REFL PAV MRK TY I (W) 12" (SLD)(100MIL)	LF	\$ 2.00		\$ -		\$ -			\$ -		\$ -		\$ -
666	2048	REFL PAV MRK TY I (W) 24" (SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -			\$ -		\$ -		\$ -
666	2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	\$ 75.00		\$ -		\$ -			\$ -		\$ -		\$ -
666	2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	\$ 85.00		\$ -		\$ -			\$ -		\$ -		\$ -
666	2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -			\$ -		\$ -		\$ -
666	2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -		\$ -			\$ -		\$ -		\$ -
666	2132	REFL PAV MRK TY I (Y) 24" (SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -			\$ -		\$ -		\$ -
672	2012	REFL PAV MRKR TY I-C	EA	\$ 3.00		\$ -		\$ -			\$ -		\$ -		\$ -
672	2015	REFL PAV MRKR TY II-A	EA	\$ 3.00		\$ -		\$ -			\$ -		\$ -		\$ -
677	2001	ELIM EXT PAV MRK & MRKS (4")	LF	\$ 0.10		\$ -		\$ -			\$ -		\$ -		\$ -
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$ 0.20		\$ -		\$ -			\$ -		\$ -		\$ -
677	2008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$ 15.00		\$ -		\$ -			\$ -		\$ -		\$ -
677	2018	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$ 19.00		\$ -		\$ -			\$ -		\$ -		\$ -
678	2001	PAV SURF PREP FOR MRK (4")	LF	\$ 0.10		\$ -		\$ -			\$ -		\$ -		\$ -
678	2003	PAV SURF PREP FOR MRK (8")	LF	\$ 0.10		\$ -		\$ -			\$ -		\$ -		\$ -
678	2007	PAV SURF PREP FOR MRK (ARROW)	EA	\$ 6.00		\$ -		\$ -			\$ -		\$ -		\$ -
678	2018	PAV SURF PREP FOR MRK (WORD)	EA	\$ 8.00		\$ -		\$ -			\$ -		\$ -		\$ -
6055	2001	IN - LANE OR TRANSVERSE RUMBLE STRIP	LF	\$ 18.00		\$ -		\$ -			\$ -		\$ -		\$ -
XXX	XXX	DRAINAGE IMPROVEMENTS	MI	\$ 250,000.00		\$ -		\$ -			\$ -		\$ -	40	\$ 720.00
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (RECONSTRUCTION)	EA	\$ 150,000.00	8	\$ 1,200,000.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (TS2 CABINET)	EA	\$ 25,000.00	13	\$ 325,000.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (DETECTION)	EA	\$ 24,000.00	6	\$ 144,000.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (PEDESTRIAN)	EA	\$ 1,000.00	24	\$ 24,000.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (SIGNAL HEADS)	EA	\$ 1,100.00	22	\$ 24,200.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (BACK PLATES)	EA	\$ 100.00	113	\$ 11,300.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (POLES)	EA	\$ 8,000.00	1	\$ 8,000.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (REMOVE SIGNAL)	EA	\$ 10,000.00	1	\$ 10,000.00		\$ -			\$ -		\$ -		\$ -
XXX	XXX	SIGNAL SYNCHRONIZATION	LS	\$ 150,000.00		\$ -	1	\$ 150,000.00			\$ -		\$ -		\$ -
		SUB TOTAL 1				\$ 1,746,500.00		\$ 150,000.00		\$ 1,216.00		\$ 1,268.00		\$ 634.00	\$ 720.00
					MISC 20%	\$ 349,300.00		\$ -							
XXX	XXX	BONDS	LS	5%		\$ 87,325.00		\$ -		\$ 60.80		\$ 63.40		\$ 31.70	\$ 36.00
500	2001	MOBILIZATION	LS	20%	10%	\$ 174,650.00		\$ -		\$ 243.20		\$ 253.60		\$ 126.80	\$ 144.00
		SUB TOTAL 2				\$ 2,357,775.00		\$ 150,000.00		\$ 1,520.00		\$ 1,585.00		\$ 792.50	\$ 900.00
XXX	XXX	MISCELLANEOUS & CONTINGENCY	LS	20%		\$ 471,555.00		\$ -		\$ 304.00		\$ 317.00		\$ 158.50	\$ 180.00
		GRAND TOTAL				\$ 2,829,330.00		\$ 150,000.00		\$ 1,824.00		\$ 1,902.00		\$ 951.00	\$ 1,080.00
		CALLED				\$ 2,829,400.00		\$ 150,000.00		\$ 1,900.00		\$ 2,000.00		\$ 1,000.00	\$ 1,100.00
		AVERAGE UNIT COST (ROUNDED TO NEAREST \$100)													

NOTE: MISCELLANEOUS ITEMS INCLUDE ENGINEERING DESIGN FEE, SURVEY AND MATERIAL TESTING.

NOTE2: DRAINAGE IMPROVEMENT COSTS TO ACCOMMODATE FUTURE WIDENINGS ARE ONLY AN ESTIMATE AND WOULD REQUIRE FURTHER INVESTIGATION IN ORDER TO OBTAIN THE MAGNITUDE OF COSTS ASSOCIATED WITH THE FUTURE WIDENINGS ON A CASE BY CASE BASIS.

Appendix G - Detailed Cost Estimates

FACILITY AGENCY				FM 2920 Access Management Short Range - TxDOT												
ITEM	CODE	DESCRIPTION	UNIT	PRICE	Add Shoulder Texturing (Both Shoulders)		Add Centerline Texturing		Add Left Turn Lane on FM 2920		Add Right Turn Lane on FM 2920		Widen Shoulders to 8' at Intersections		Widen Roadway from 2-Lane to 5-Lane	
					QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
100	2002	PREPARING ROW	STA	\$ 2,500.00												
104	2001	REMOVING CONC (PAV)	SY	\$ 4.00												
104	2009	REMOVING CONC (RIPRAP)	SY	\$ 6.00												
104	2021	REMOVING CONC (CURB)	LF	\$ 4.00												
104	2036	REMOVING CONC (SIDEWALK OR RAMP)	SY	\$ 11.00												
105	2014	REMOVING STAB BASE & ASPH PAV (7'-12")	SY	\$ 2.00				467	\$ 934.00	136	\$ 272.00	1867	\$ 3,734.00	4693	\$ 9,386.00	
110	2001	EXCAVATION (ROADWAY)	CY	\$ 4.00												
112	2002	SUBGRADE WIDENING (DENS CONT)	STA	\$ 3,500.00				10.5	\$ 36,750.00	6.1	\$ 21,350.00	21	\$ 73,500.00	52.8	\$ 184,800.00	
132	2005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	\$ 25.00				200	\$ 5,000.00	100	\$ 2,500.00	400	\$ 10,000.00	500	\$ 12,500.00	
150	2001	BLADING	STA	\$ 130.00				10.5	\$ 1,365.00	6.1	\$ 793.00	21	\$ 2,730.00	52.8	\$ 6,864.00	
160	2003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$ 1.00												
162	2002	BLOCK SODDING	SY	\$ 3.00												
164	2045	STRAW OR HAY MULCHING	SY	\$ 0.20				3500	\$ 700.00	1017	\$ 203.40	7000	\$ 1,400.00	17600	\$ 3,520.00	
168	2001	VEGETATIVE WATERING	MG	\$ 13.00				2	\$ 26.00	2	\$ 26.00	4	\$ 52.00	2	\$ 26.00	
170	2001	IRRIGATION SYSTEM	LS	\$ 25,000.00												
247	2041	FL BS (CMP IN PLC)(TY A GR 1)(FNAL POS	CY	\$ 62.00				432	\$ 26,784.00	167	\$ 10,354.00	1037	\$ 64,294.00	7822	\$ 484,964.00	
260	2012	LIME(HYD.COM OR QK)(SLRY)OR QK(DRY)	TON	\$ 116.00				35	\$ 4,060.00	14	\$ 1,624.00	84	\$ 9,744.00	634	\$ 73,544.00	
260	2014	LIME TRT (SUBGR)(DC)(6")	SY	\$ 1.00				1942	\$ 1,942.00	751	\$ 751.00	4667	\$ 4,667.00	35200	\$ 35,200.00	
316	2006	ASPH (AC-20-5TR)	GAL	\$ 2.00				591	\$ 1,182.00	245	\$ 490.00	1493	\$ 2,986.00	13141	\$ 26,282.00	
316	2222	AGGR(TY-PB GR-4S SAC-B)	CY	\$ 85.00				14	\$ 1,190.00	6	\$ 510.00	34	\$ 2,890.00	299	\$ 25,415.00	
341	2122	D-GR HMA(QCQA) TY-D PG70-22	TON	\$ 80.00				471	\$ 37,680.00	68	\$ 5,440.00	411	\$ 32,880.00	5163	\$ 413,040.00	
354	2023	PLANE ASPH CONC PAV(0' TO 4')	SY	\$ 3.00												
360	2018	CURB (TYPE II)	LF	\$ 4.00												
360	2023	CONC PAV (JOINT REINF) (6")	SY	\$ 38.00												
432	2066	RIPRAP (CONC)(CL B)	CY	\$ 221.00												
502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$ 5,000.00				6	\$ 30,000.00	1	\$ 5,000.00	2	\$ 10,000.00	6	\$ 30,000.00	
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$ 2.00				2100	\$ 4,200.00	610	\$ 1,220.00	4200	\$ 8,400.00	10560	\$ 21,120.00	
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$ 1.00				2100	\$ 2,100.00	610	\$ 610.00	4200	\$ 4,200.00	10560	\$ 10,560.00	
531	2005	CURB RAMPS (TY 1)	EA	\$ 1,400.00												
531	2024	CONC SIDEWALK (5")	SY	\$ 33.00												
533	2001	SHOULDER TEXTURING (MILLED)	STA	\$ 17.00	105.6	\$ 1,795.20	52.8	\$ 897.60								
636	2001	ALUMINUM SIGNS (TY A)	SF	\$ 26.00												
644	2001	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	\$ 400.00										10	\$ 4,000.00	
662	2004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$ 0.30				2100	\$ 630.00					21120	\$ 6,336.00	
662	2032	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$ 0.30				2100	\$ 630.00					21120	\$ 6,336.00	
662	2050	WK ZN PAV MRK REMOV (REFL) TY I-A	EA	\$ 2.00				105	\$ 210.00					530	\$ 1,060.00	
666	2003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	\$ 0.30												
666	2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	LF	\$ 0.80												
666	2012	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	\$ 0.30				2100	\$ 630.00	610	\$ 183.00	4200	\$ 1,260.00	10560	\$ 3,168.00	
666	2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$ 0.75				120	\$ 90.00	120	\$ 90.00					
666	2042	REFL PAV MRK TY I (W) 12" (SLD)(100MIL)	LF	\$ 2.00				40	\$ 80.00	40	\$ 80.00					
666	2048	REFL PAV MRK TY I (W) 24" (SLD)(100MIL)	LF	\$ 3.50				40	\$ 140.00	40	\$ 140.00					
666	2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	\$ 75.00				1	\$ 75.00	1	\$ 75.00			6	\$ 450.00	
666	2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	\$ 85.00				1	\$ 85.00	1	\$ 85.00					
666	2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	LF	\$ 0.30										2650	\$ 795.00	
666	2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	\$ 0.30				2100	\$ 630.00					10560	\$ 3,168.00	
666	2132	REFL PAV MRK TY I (Y) 24" (SLD)(100MIL)	LF	\$ 3.50				100	\$ 350.00							
672	2012	REFL PAV MRKR TY I-C	EA	\$ 3.00				12	\$ 36.00	12	\$ 36.00			134	\$ 402.00	
672	2015	REFL PAV MRKR TY II-A-A	EA	\$ 3.00				53	\$ 159.00					265	\$ 795.00	
677	2001	ELIM EXT PAV MRK & MRKS (4")	LF	\$ 0.10												
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$ 0.20												
677	2008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$ 15.00												
677	2018	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$ 19.00												
678	2001	PAV SURF PREP FOR MRK (4")	LF	\$ 0.10												
678	2003	PAV SURF PREP FOR MRK (8")	LF	\$ 0.10												
678	2007	PAV SURF PREP FOR MRK (ARROW)	EA	\$ 6.00												
678	2018	PAV SURF PREP FOR MRK (WORD)	EA	\$ 8.00												
6055	2001	IN - LANE OR TRANSVERSE RUMBLE STRIP	LF	\$ 18.00												
XXX	XXX	DRAINAGE IMPROVEMENTS	MI	\$ 250,000.00				0.2	\$ 50,000.00					1	\$ 250,000.00	
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (RECONSTRUCTION)	EA	\$ 150,000.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (TS2 CABINET)	EA	\$ 25,000.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (DETECTION)	EA	\$ 24,000.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (PEDESTRIAN)	EA	\$ 1,000.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (SIGNAL HEADS)	EA	\$ 1,100.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (BACK PLATES)	EA	\$ 100.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (POLES)	EA	\$ 8,000.00												
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (REMOVE SIGNAL)	EA	\$ 10,000.00												
XXX	XXX	SIGNAL SYNCHRONIZATION	LS	\$ 150,000.00												
		SUB TOTAL 1				\$ 1,795.20		\$ 897.60		\$ 207,658.00		\$ 51,832.40		\$ 232,737.00		\$ 1,613,731.00
XXX	XXX	BONDS	LS	5%		\$ 89.76		\$ 44.88		\$ 10,382.90		\$ 2,591.62		\$ 11,636.85		\$ 80,686.55
500	2001	MOBILIZATION	LS	20%		\$ 359.04		\$ 179.52		\$ 41,531.60		\$ 10,366.48		\$ 46,547.40		\$ 322,746.20
		SUB TOTAL 2				\$ 2,244.00		\$ 1,122.00		\$ 259,572.50		\$ 64,790.50		\$ 290,921.25		\$ 2,017,163.75
XXX	XXX	MISCELLANEOUS & CONTINGENCY	LS	20%		\$ 448.80		\$ 224.40		\$ 51,914.50		\$ 12,958.10		\$ 58,184.25		\$ 403,432.75
		GRAND TOTAL				\$ 2,692.80		\$ 1,346.40		\$ 311,487.00		\$ 77,748.60		\$ 349,105.50		\$ 2,420,596.50
		CALLED				\$ 2,700.00		\$ 1,400.00		\$ 311,500.00		\$ 77,800.00		\$ 349,200.00		\$ 2,420,600.00
		AVERAGE UNIT COST (ROUNDED TO NEAREST \$100)														

NOTE: MISCELLANEOUS ITEMS INCLUDE ENGINEERING DESIGN FEE, SURVEY AND MATERIAL TEST
 NOTE2: DRAINAGE IMPROVEMENT COSTS TO ACCOMMODATE FUTURE WIDENINGS ARE ONLY AN ESTIMATE
 IN ORDER TO OBTAIN THE MAGNITUDE OF COSTS ASSOCIATED WITH THE FUTURE WIDENING

Appendix G - Detailed Cost Estimates

		FACILITY AGENCY												
ITEM	CODE	DESCRIPTION	UNIT	PRICE	Restripe For New Lane Configuration (FM 2920 / IH45 Intersection)		Add Raised Median / Channelization (Concrete)		Add Raised Median / Channelization (Ready for Landscaping)		Widen Sidewalks		Reduce Driveway Width	
					QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
100	2002	PREPARING ROW	STA	\$ 2,500.00		\$ -		\$ -		\$ -		\$ -		\$ -
104	2001	REMOVING CONC (PAV)	SY	\$ 4.00		\$ -		\$ -		\$ -		\$ -	50	\$ 200.00
104	2009	REMOVING CONC (RIPRAP)	SY	\$ 6.00		\$ -		\$ -		\$ -		\$ -	10	\$ 60.00
104	2021	REMOVING CONC (CURB)	LF	\$ 4.00		\$ -		\$ -		\$ -		\$ -	60	\$ 240.00
104	2036	REMOVING CONC (SIDEWALK OR RAMP)	SY	\$ 11.00		\$ -		\$ -		\$ -	1244	\$ 13,684.00		\$ -
105	2014	REMOVING STAB BASE & ASPH PAV (7'-12")	SY	\$ 2.00		\$ -		\$ -	425	\$ 850.00		\$ -		\$ -
110	2001	EXCAVATION (ROADWAY)	CY	\$ 4.00		\$ -		\$ -	450	\$ 1,800.00		\$ -		\$ -
112	2002	SUBGRADE WIDENING (DENS CONT)	STA	\$ 3,500.00		\$ -		\$ -		\$ -		\$ -		\$ -
132	2005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	\$ 25.00		\$ -		\$ -	500	\$ 12,500.00		\$ -		\$ -
150	2001	BLADING	STA	\$ 130.00		\$ -		\$ -		\$ -		\$ -		\$ -
160	2003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$ 1.00		\$ -		\$ -	425	\$ 425.00		\$ -		\$ -
162	2002	BLOCK SODDING	SY	\$ 3.00		\$ -		\$ -	425	\$ 1,275.00		\$ -		\$ -
164	2045	STRAW OR HAY MULCHING	SY	\$ 0.20		\$ -		\$ -		\$ -		\$ -		\$ -
168	2001	VEGETATIVE WATERING	MG	\$ 13.00		\$ -		\$ -	2	\$ 26.00		\$ -		\$ -
170	2001	IRRIGATION SYSTEM	LS	\$ 25,000.00		\$ -		\$ -	1	\$ 25,000.00		\$ -		\$ -
247	2041	FL BS (CMP IN PLC)(TY A GR 1)(FNAL POS	CY	\$ 62.00		\$ -		\$ -		\$ -		\$ -		\$ -
260	2012	LIME(HYD.COM OR QK)(SLRY)OR QK(DRY)	TON	\$ 116.00		\$ -		\$ -		\$ -		\$ -		\$ -
260	2014	LIME TRT (SUBGR)(DC)(6")	SY	\$ 1.00		\$ -		\$ -		\$ -		\$ -		\$ -
316	2006	ASPH (AC-20-5TR)	GAL	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -
316	2222	AGGR(TY-PB GR-4S SAC-B)	CY	\$ 85.00		\$ -		\$ -		\$ -		\$ -		\$ -
341	2122	D-GR HMA(QCQA) TY-D PG70-22	TON	\$ 80.00		\$ -		\$ -		\$ -		\$ -		\$ -
354	2023	PLANE ASPH CONC PAV(0" TO 4")	SY	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -
360	2018	CURB (TYPE II)	LF	\$ 4.00		\$ -	18347	\$ 73,388.00	500	\$ 2,000.00		\$ -	60	\$ 240.00
360	2023	CONC PAV (JOINT REINF) (6")	SY	\$ 38.00		\$ -		\$ -		\$ -		\$ -		\$ -
432	2066	RIPRAP (CONC)(CL B)	CY	\$ 221.00		\$ -	889	\$ 196,469.00		\$ -		\$ -	1	\$ 221.00
502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$ 5,000.00	1	\$ 5,000.00	6	\$ 30,000.00	2	\$ 10,000.00	2	\$ 10,000.00	0.5	\$ 2,500.00
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$ 1.00		\$ -		\$ -		\$ -		\$ -		\$ -
531	2005	CURB RAMPS (TY 1)	EA	\$ 1,400.00		\$ -		\$ -		\$ -	12	\$ 16,800.00		\$ -
531	2024	CONC SIDEWALK (5")	SY	\$ 33.00		\$ -		\$ -		\$ -	2808	\$ 92,664.00		\$ -
533	2001	SHOULDER TEXTURING (MILLED)	STA	\$ 17.00		\$ -		\$ -		\$ -		\$ -		\$ -
636	2001	ALUMINUM SIGNS (TY A)	SF	\$ 26.00		\$ -		\$ -		\$ -		\$ -		\$ -
644	2001	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	\$ 400.00		\$ -		\$ -		\$ -		\$ -		\$ -
662	2004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
662	2032	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
662	2050	WK ZN PAV MRK REMOV (REFL) TY I-A	EA	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -
666	2003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	\$ 0.30	796	\$ 238.80		\$ -		\$ -		\$ -		\$ -
666	2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	LF	\$ 0.80		\$ -		\$ -		\$ -		\$ -		\$ -
666	2012	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	\$ 0.30	2308	\$ 692.40		\$ -		\$ -		\$ -		\$ -
666	2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$ 0.75	2783	\$ 2,087.25	3000	\$ 2,250.00		\$ -		\$ -		\$ -
666	2042	REFL PAV MRK TY I (W) 12"(SLD)(100MIL)	LF	\$ 2.00		\$ -	1280	\$ 2,560.00		\$ -		\$ -		\$ -
666	2048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	LF	\$ 3.50		\$ -	1280	\$ 4,480.00		\$ -		\$ -		\$ -
666	2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	\$ 75.00	18	\$ 1,350.00	25	\$ 1,875.00		\$ -		\$ -		\$ -
666	2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	\$ 85.00	18	\$ 1,530.00	25	\$ 2,125.00		\$ -		\$ -		\$ -
666	2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
666	2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -	18347	\$ 5,504.10	500	\$ 150.00		\$ -		\$ -
666	2132	REFL PAV MRK TY I (Y) 24"(SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -		\$ -		\$ -		\$ -
672	2012	REFL PAV MRKR TY I-C	EA	\$ 3.00	280	\$ 840.00	300	\$ 900.00		\$ -		\$ -		\$ -
672	2015	REFL PAV MRKR TY II-A	EA	\$ 3.00	80	\$ 240.00		\$ -		\$ -		\$ -		\$ -
677	2001	ELIM EXT PAV MRK & MRKS (4")	LF	\$ 0.10	3104	\$ 310.40		\$ -		\$ -		\$ -		\$ -
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$ 0.20	2783	\$ 556.60		\$ -		\$ -		\$ -		\$ -
677	2008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$ 15.00	18	\$ 270.00		\$ -		\$ -		\$ -		\$ -
677	2018	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$ 19.00	18	\$ 342.00		\$ -		\$ -		\$ -		\$ -
678	2001	PAV SURF PREP FOR MRK (4")	LF	\$ 0.10	3104	\$ 310.40		\$ -		\$ -		\$ -		\$ -
678	2003	PAV SURF PREP FOR MRK (8")	LF	\$ 0.10	2783	\$ 278.30		\$ -		\$ -		\$ -		\$ -
678	2007	PAV SURF PREP FOR MRK (ARROW)	EA	\$ 6.00	18	\$ 108.00		\$ -		\$ -		\$ -		\$ -
678	2018	PAV SURF PREP FOR MRK (WORD)	EA	\$ 8.00	18	\$ 144.00		\$ -		\$ -		\$ -		\$ -
6055	2001	IN - LANE OR TRANSVERSE RUMBLE STRIP	LF	\$ 18.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	DRAINAGE IMPROVEMENTS	MI	\$ 250,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (RECONSTRUCTION)	EA	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (TS2 CABINET)	EA	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (DETECTION)	EA	\$ 24,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (PEDESTRIAN)	EA	\$ 1,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (SIGNAL HEADS)	EA	\$ 1,100.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (BACK PLATES)	EA	\$ 100.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (POLES)	EA	\$ 8,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (REMOVE SIGNAL)	EA	\$ 10,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	SIGNAL SYNCHRONIZATION	LS	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
		SUB TOTAL 1				\$ 14,298.15		\$ 319,551.10		\$ 54,026.00		\$ 133,148.00		\$ 3,461.00
XXX	XXX	BONDS	LS	5%		\$ 714.91		\$ 15,977.56		\$ 2,701.30		\$ 6,657.40		\$ 173.05
500	2001	MOBILIZATION	LS	20%		\$ 2,859.63		\$ 63,910.22		\$ 10,805.20		\$ 26,629.60		\$ 692.20
		SUB TOTAL 2				\$ 17,872.69		\$ 399,438.88		\$ 67,532.50		\$ 166,435.00		\$ 4,326.25
XXX	XXX	MISCELLANEOUS & CONTINGENCY	LS	20%		\$ 3,574.54		\$ 79,887.78		\$ 13,506.50		\$ 33,287.00		\$ 865.25
		GRAND TOTAL				\$ 21,447.23		\$ 479,326.65		\$ 81,039.00		\$ 199,722.00		\$ 5,191.50
		CALLED				\$ 21,500.00		\$ 479,330.00		\$ 81,040.00		\$ 199,722.00		\$ 5,200.00
		AVERAGE UNIT COST (ROUNDED TO NEAREST \$100)					PRICE PER SQUARE FOOT	\$ 10.00	PRICE PER SQUARE FOOT	\$ 22.00	PRICE PER SQUARE FOOT	\$ 8.00		

NOTE: MISCELLANEOUS ITEMS INCLUDE ENGINEERING DESIGN FEE, SURVEY AND MATERIAL TEST
 NOTE2: DRAINAGE IMPROVEMENT COSTS TO ACCOMMODATE FUTURE WIDENINGS ARE ONLY AN ESTIMATE
 IN ORDER TO OBTAIN THE MAGNITUDE OF COSTS ASSOCIATED WITH THE FUTURE WIDENING

Appendix G - Detailed Cost Estimates

ITEM	CODE	DESCRIPTION	UNIT	PRICE	Minor Driveway Modification		Improve Railroad Crossing Control Device		Rehabilitate Pavement (Pine St to Elm St)		FM 2920 Access Management Short Range - Harris County		Add Left Turn Lane on Cross Street		Add Right Turn Lane on Cross Street		Add Left Turn Lane on Cross Street			
					Per Each		Per Each		Per Each		Per Each		Per Each		Per Each		Per Each		Per Each	
					QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
100	2002	PREPARING ROW	STA	\$ 2,500.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
104	2001	REMOVING CONC (PAV)	SY	\$ 4.00	50	\$ 200.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
104	2009	REMOVING CONC (RIPRAP)	SY	\$ 6.00	10	\$ 60.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
104	2021	REMOVING CONC (CURB)	LF	\$ 4.00	60	\$ 240.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
104	2036	REMOVING CONC (SIDEWALK OR RAMP)	SY	\$ 11.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
105	2014	REMOVING STAB BASE & ASPH PAV (7'-12")	SY	\$ 2.00		\$ -		\$ -		\$ -	400	\$ 800.00	136	\$ 272.00	400	\$ 800.00		\$ -		
110	2001	EXCAVATION (ROADWAY)	CY	\$ 4.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
112	2002	SUBGRADE WIDENING (DENS CONT)	STA	\$ 3,500.00		\$ -		\$ -		\$ -	4.5	\$ 15,750.00	6.1	\$ 21,350.00	4.5	\$ 15,750.00		\$ -		
132	2005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	\$ 25.00		\$ -		\$ -		\$ -	100	\$ 2,500.00	100	\$ 2,500.00	100	\$ 2,500.00		\$ -		
150	2001	BLADING	STA	\$ 130.00		\$ -		\$ -		\$ -	4.5	\$ 585.00	6.1	\$ 793.00	4.5	\$ 585.00		\$ -		
160	2003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$ 1.00	25	\$ 25.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
162	2002	BLOCK SODDING	SY	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
164	2045	STRAW OR HAY MULCHING	SY	\$ 0.20		\$ -		\$ -		\$ -	750	\$ 150.00	1017	\$ 203.40	750	\$ 150.00		\$ -		
168	2001	VEGETATIVE WATERING	MG	\$ 13.00		\$ -		\$ -		\$ -	2	\$ 26.00	2	\$ 26.00	2	\$ 26.00		\$ -		
170	2001	IRRIGATION SYSTEM	LS	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
247	2041	FL BS (CMP IN PLC)(TY A GR 1)(FNAL POS	CY	\$ 62.00	4	\$ 248.00		\$ -		\$ -	203	\$ 12,586.00	167	\$ 10,354.00	203	\$ 12,586.00		\$ -		
260	2012	LIME(HYD.COM OR QK)(SLRY)OR QK(DRY)	TON	\$ 116.00		\$ -		\$ -		\$ -	17	\$ 1,972.00	14	\$ 1,624.00	17	\$ 1,972.00		\$ -		
260	2014	LIME TRT (SUBGR)(DC)(6")	SY	\$ 1.00		\$ -		\$ -		\$ -	914	\$ 914.00	751	\$ 751.00	914	\$ 914.00		\$ -		
316	2006	ASPH (AC-20-5TR)	GAL	\$ 2.00		\$ -		\$ -		\$ -	286	\$ 572.00	245	\$ 490.00	286	\$ 572.00		\$ -		
316	2222	AGGR(TY-PB GR-4S SAC-B)	CY	\$ 85.00		\$ -		\$ -		\$ -	7	\$ 595.00	6	\$ 510.00	7	\$ 595.00		\$ -		
341	2122	D-GR HMA(QCQA) TY-D PG70-22	TON	\$ 80.00		\$ -		\$ -	1133	\$ 90,640.00	79	\$ 6,320.00	68	\$ 5,440.00	79	\$ 6,320.00		\$ -		
354	2023	PLANE ASPH CONC PAV(0" TO 4")	SY	\$ 3.00		\$ -		\$ -	10304	\$ 30,912.00		\$ -		\$ -		\$ -		\$ -		
360	2018	CURB (TYPE II)	LF	\$ 4.00	100	\$ 400.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
360	2023	CONC PAV (JOINT REINF) (6")	SY	\$ 38.00	15	\$ 570.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
432	2066	RIPRAP (CONC)(CL B)	CY	\$ 221.00	2	\$ 442.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$ 5,000.00	0.5	\$ 2,500.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$ 2.00		\$ -		\$ -		\$ -	900	\$ 1,800.00	610	\$ 1,220.00	900	\$ 1,800.00		\$ -		
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$ 1.00		\$ -		\$ -		\$ -	900	\$ 900.00	610	\$ 610.00	900	\$ 900.00		\$ -		
531	2005	CURB RAMPS (TY 1)	EA	\$ 1,400.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
531	2024	CONC SIDEWALK (5")	SY	\$ 33.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
533	2001	SHOULDER TEXTURING (MILLED)	STA	\$ 17.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
636	2001	ALUMINUM SIGNS (TY A)	SF	\$ 26.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
644	2001	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	\$ 400.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
662	2004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -	5600	\$ 1,680.00	1800	\$ 540.00		\$ -	1800	\$ 540.00		\$ -		
662	2032	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -	5600	\$ 1,680.00	1800	\$ 540.00		\$ -	1800	\$ 540.00		\$ -		
662	2050	WK ZN PAV MRK REMOV (REFL) TY I-A	EA	\$ 2.00		\$ -		\$ -	140	\$ 280.00	45	\$ 90.00		\$ -	45	\$ 90.00		\$ -		
666	2003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
666	2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	LF	\$ 0.80		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
666	2012	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -		\$ -	2800	\$ 840.00	900	\$ 270.00	610	\$ 183.00	900	\$ 270.00		\$ -		
666	2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$ 0.75		\$ -		\$ -		\$ -	120	\$ 90.00	120	\$ 90.00	120	\$ 90.00		\$ -		
666	2042	REFL PAV MRK TY I (W) 12" (SLD)(100MIL)	LF	\$ 2.00		\$ -		\$ -		\$ -	40	\$ 80.00	40	\$ 80.00	40	\$ 80.00		\$ -		
666	2048	REFL PAV MRK TY I (W) 24" (SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -		\$ -	40	\$ 140.00	40	\$ 140.00	40	\$ 140.00		\$ -		
666	2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	\$ 75.00		\$ -		\$ -		\$ -	1	\$ 75.00	1	\$ 75.00	1	\$ 75.00		\$ -		
666	2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	\$ 85.00		\$ -		\$ -		\$ -	1	\$ 85.00	1	\$ 85.00	1	\$ 85.00		\$ -		
666	2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
666	2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -		\$ -	2800	\$ 840.00	900	\$ 270.00		\$ -	900	\$ 270.00		\$ -		
666	2132	REFL PAV MRK TY I (Y) 24" (SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
672	2012	REFL PAV MRKR TY I-C	EA	\$ 3.00		\$ -		\$ -		\$ -	12	\$ 36.00	12	\$ 36.00	12	\$ 36.00		\$ -		
672	2015	REFL PAV MRKR TY II-A-A	EA	\$ 3.00		\$ -		\$ -	140	\$ 420.00	23	\$ 69.00		\$ -	23	\$ 69.00		\$ -		
677	2001	ELIM EXT PAV MRK & MRKS (4")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$ 0.20		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
677	2008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$ 15.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
677	2018	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$ 19.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
678	2001	PAV SURF PREP FOR MRK (4")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
678	2003	PAV SURF PREP FOR MRK (8")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
678	2007	PAV SURF PREP FOR MRK (ARROW)	EA	\$ 6.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
678	2018	PAV SURF PREP FOR MRK (WORD)	EA	\$ 8.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
6055	2001	IN - LANE OR TRANSVERSE RUMBLE STRIP	LF	\$ 18.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	DRAINAGE IMPROVEMENTS	MI	\$ 250,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (RECONSTRUCTION)	EA	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (TS2 CABINET)	EA	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (DETECTION)	EA	\$ 24,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (PEDESTRIAN)	EA	\$ 1,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (SIGNAL HEADS)	EA	\$ 1,100.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (BACK PLATES)	EA	\$ 100.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (POLES)	EA	\$ 8,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (REMOVE SIGNAL)	EA	\$ 10,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
XXX	XXX	SIGNAL SYNCHRONIZATION	LS	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
		SUB TOTAL 1				\$ 4,685.00		\$ 100,000.00		\$ 127,292.00		\$ 62,755.00		\$ 51,832.40		\$ 62,755.00		\$ -		
XXX	XXX	BONDS	LS	5%		\$ 234.25		\$ 5,000.00		\$ 6,364.60		\$ 3,137.75		\$ 2,591.62		\$ 3,137.75		\$ -		
500	2001	MOBILIZATION	LS	20%		\$ 937.00		\$ 20,000.00		\$ 25,458.40		\$ 12,551.00		\$ 10,366.48		\$ 12,551.00		\$ -		
		SUB TOTAL 2				\$ 5,856.25														

Appendix G - Detailed Cost Estimates

		FACILITY AGENCY		FM 2920 Access Management										
				Add Right Turn Lane on Cross Street		Add Left Turn Lane on FM 2920 (Spring Cypress Rd)		Add Continuous Left-Turn Lane and 8' Shoulders on FM 2920 Between Intersections		Widen One Additional Lane		Add Raised Median / Channelization (Concrete)		
				Per Each		Per Each		Per Mile		Per Mile		Per Square Foot		
ITEM	CODE	DESCRIPTION	UNIT	PRICE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
100	2002	PREPARING ROW	STA	\$ 2,500.00		\$ -		\$ -	52.8	\$ 132,000.00		\$ -		\$ -
104	2001	REMOVING CONC (PAV)	SY	\$ 4.00		\$ -		\$ -		\$ -		\$ -		\$ -
104	2009	REMOVING CONC (RIPRAP)	SY	\$ 6.00		\$ -		\$ -		\$ -		\$ -		\$ -
104	2021	REMOVING CONC (CURB)	LF	\$ 4.00		\$ -		\$ -		\$ -		\$ -		\$ -
104	2036	REMOVING CONC (SIDEWALK OR RAMP)	SY	\$ 11.00		\$ -		\$ -		\$ -		\$ -		\$ -
105	2014	REMOVING STAB BASE & ASPH PAV (7'-12")	SY	\$ 2.00	136	\$ 272.00	467	\$ 934.00	4693	\$ 9,386.00	1173	\$ 2,346.00		\$ -
110	2001	EXCAVATION (ROADWAY)	CY	\$ 4.00		\$ -		\$ -		\$ -		\$ -		\$ -
112	2002	SUBGRADE WIDENING (DENS CONT)	STA	\$ 3,500.00	6.1	\$ 21,350.00	10.5	\$ 36,750.00	52.8	\$ 184,800.00	52.8	\$ 184,800.00		\$ -
132	2005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	\$ 25.00	100	\$ 2,500.00	200	\$ 5,000.00	500	\$ 12,500.00	500	\$ 12,500.00		\$ -
150	2001	BLADING	STA	\$ 130.00	6.1	\$ 793.00	10.5	\$ 1,365.00	52.8	\$ 6,864.00	52.8	\$ 6,864.00		\$ -
160	2003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$ 1.00		\$ -		\$ -		\$ -		\$ -		\$ -
162	2002	BLOCK SODDING	SY	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -
164	2045	STRAW OR HAY MULCHING	SY	\$ 0.20	1017	\$ 203.40	3500	\$ 700.00	17600	\$ 3,520.00	8800	\$ 1,760.00		\$ -
168	2001	VEGETATIVE WATERING	MG	\$ 13.00	2	\$ 26.00	2	\$ 26.00	2	\$ 26.00	2	\$ 26.00		\$ -
170	2001	IRRIGATION SYSTEM	LS	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
247	2041	FL BS (CMP IN PLC)(TY A GR 1)(FNAL POS	CY	\$ 62.00	167	\$ 10,354.00	432	\$ 26,784.00	4693	\$ 290,966.00	2868	\$ 177,816.00		\$ -
260	2012	LIME(HYD.COM OR QK)(SLRY)OR QK(DRY)	TON	\$ 116.00	14	\$ 1,624.00	35	\$ 4,060.00	380	\$ 44,080.00	232	\$ 26,912.00		\$ -
260	2014	LIME TRT (SUBGR)(DC)(6")	SY	\$ 1.00	751	\$ 751.00	1942	\$ 1,942.00	21120	\$ 21,120.00	12907	\$ 12,907.00		\$ -
316	2006	ASPH (AC-20-5TR)	GAL	\$ 2.00	245	\$ 490.00	591	\$ 1,182.00	7509	\$ 15,018.00	4693	\$ 9,386.00		\$ -
316	2222	AGGR(TY-PB GR-4S SAC-B)	CY	\$ 85.00	6	\$ 510.00	14	\$ 1,190.00	171	\$ 14,535.00	107	\$ 9,095.00		\$ -
341	2122	D-GR HMA(QCQA) TY-D PG70-22	TON	\$ 80.00	68	\$ 5,440.00	471	\$ 37,680.00	3614	\$ 289,120.00	1291	\$ 103,280.00		\$ -
354	2023	PLANE ASPH CONC PAV(0" TO 4")	SY	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -
360	2018	CURB (TYPE II)	LF	\$ 4.00		\$ -		\$ -		\$ -		\$ -		\$ -
360	2023	CONC PAV (JOINT REINF) (6")	SY	\$ 38.00		\$ -		\$ -		\$ -		\$ -	18347	\$ 73,388.00
432	2066	RIPRAP (CONC)(CL B)	CY	\$ 221.00		\$ -		\$ -		\$ -		\$ -		\$ -
502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$ 5,000.00	1	\$ 5,000.00	6	\$ 30,000.00	6	\$ 30,000.00	3	\$ 15,000.00	889	\$ 196,469.00
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$ 2.00	610	\$ 1,220.00	2100	\$ 4,200.00	10560	\$ 21,120.00	5280	\$ 10,560.00	6	\$ 30,000.00
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$ 1.00	610	\$ 610.00	2100	\$ 2,100.00	10560	\$ 10,560.00	5280	\$ 5,280.00		\$ -
531	2005	CURB RAMPS (TY 1)	EA	\$ 1,400.00		\$ -		\$ -		\$ -		\$ -		\$ -
531	2024	CONC SIDEWALK (5")	SY	\$ 33.00		\$ -		\$ -		\$ -		\$ -		\$ -
533	2001	SHOULDER TEXTURING (MILLED)	STA	\$ 17.00		\$ -		\$ -		\$ -		\$ -		\$ -
636	2001	ALUMINUM SIGNS (TY A)	SF	\$ 26.00		\$ -		\$ -		\$ -		\$ -		\$ -
644	2001	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	\$ 400.00		\$ -		\$ -	10	\$ 4,000.00		\$ -		\$ -
662	2004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$ 0.30		\$ -	2100	\$ 630.00	10560	\$ 3,168.00		\$ -		\$ -
662	2032	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$ 0.30		\$ -	2100	\$ 630.00	10560	\$ 3,168.00		\$ -		\$ -
662	2050	WK ZN PAV MRK REMOV (REFL) TY I-A	EA	\$ 2.00		\$ -	105	\$ 210.00	265	\$ 530.00		\$ -		\$ -
666	2003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -	1330	\$ 399.00		\$ -
666	2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	LF	\$ 0.80		\$ -		\$ -		\$ -	120	\$ 96.00		\$ -
666	2012	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	\$ 0.30	610	\$ 183.00	2100	\$ 630.00	10560	\$ 3,168.00	5280	\$ 1,584.00		\$ -
666	2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$ 0.75	120	\$ 90.00	120	\$ 90.00		\$ -	1161	\$ 870.75	3000	\$ 2,250.00
666	2042	REFL PAV MRK TY I (W) 12"(SLD)(100MIL)	LF	\$ 2.00	40	\$ 80.00	40	\$ 80.00		\$ -		\$ -	1280	\$ 2,560.00
666	2048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	LF	\$ 3.50	40	\$ 140.00	40	\$ 140.00		\$ -		\$ -	1280	\$ 4,480.00
666	2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	\$ 75.00	1	\$ 75.00	1	\$ 75.00	6	\$ 450.00	6	\$ 450.00	25	\$ 1,875.00
666	2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	\$ 85.00	1	\$ 85.00	1	\$ 85.00		\$ -	6	\$ 510.00	25	\$ 2,125.00
666	2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -	2650	\$ 795.00		\$ -		\$ -
666	2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -	2100	\$ 630.00	10560	\$ 3,168.00		\$ -	18347	\$ 5,504.10
666	2132	REFL PAV MRK TY I (Y) 24"(SLD)(100MIL)	LF	\$ 3.50		\$ -	100	\$ 350.00		\$ -		\$ -		\$ -
672	2012	REFL PAV MRKR TY I-C	EA	\$ 3.00	12	\$ 36.00	12	\$ 36.00		\$ -	116	\$ 348.00	300	\$ 900.00
672	2015	REFL PAV MRKR TY II-A-A	EA	\$ 3.00		\$ -	53	\$ 159.00	265	\$ 795.00		\$ -		\$ -
677	2001	ELIM EXT PAV MRK & MRKS (4")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$ 0.20		\$ -		\$ -		\$ -		\$ -		\$ -
677	2008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$ 15.00		\$ -		\$ -		\$ -		\$ -		\$ -
677	2018	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$ 19.00		\$ -		\$ -		\$ -		\$ -		\$ -
678	2001	PAV SURF PREP FOR MRK (4")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -
678	2003	PAV SURF PREP FOR MRK (8")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -
678	2007	PAV SURF PREP FOR MRK (ARROW)	EA	\$ 6.00		\$ -		\$ -		\$ -		\$ -		\$ -
678	2018	PAV SURF PREP FOR MRK (WORD)	EA	\$ 8.00		\$ -		\$ -		\$ -		\$ -		\$ -
6055	2001	IN - LANE OR TRANSVERSE RUMBLE STRIP	LF	\$ 18.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	DRAINAGE IMPROVEMENTS	MI	\$ 250,000.00		\$ -	0.20	\$ 50,000.00	1	\$ 250,000.00	0.67	\$ 167,500.00		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (RECONSTRUCTION)	EA	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (TS2 CABINET)	EA	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (DETECTION)	EA	\$ 24,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (PEDESTRIAN)	EA	\$ 1,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (SIGNAL HEADS)	EA	\$ 1,100.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (BACK PLATES)	EA	\$ 100.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (POLES)	EA	\$ 8,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (REMOVE SIGNAL)	EA	\$ 10,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	SIGNAL SYNCHRONIZATION	LS	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
		SUB TOTAL 1				\$ 51,832.40		\$ 207,658.00		\$ 1,354,857.00		\$ 750,289.75		\$ 319,551.10
XXX	XXX	BONDS	LS	5%		\$ 2,591.62		\$ 10,382.90		\$ 67,742.85		\$ 37,514.49		\$ 15,977.56
500	2001	MOBILIZATION	LS	20%		\$ 10,366.48		\$ 41,531.60		\$ 270,971.40		\$ 150,057.95		\$ 63,910.22
		SUB TOTAL 2				\$ 64,790.50		\$ 259,572.50		\$ 1,693,571.25		\$ 937,862.19		\$ 399,438.88
XXX	XXX	MISCELLANEOUS & CONTINGENCY	LS	20%		\$ 12,958.10		\$ 51,914.50		\$ 338,714.25		\$ 187,572.44		\$ 79,887.78
		GRAND TOTAL				\$ 77,748.60		\$ 311,487.00		\$ 2,032,285.50		\$ 1,125,434.63		\$ 479,326.65
		CALLED				\$ 77,800.00		\$ 311,500.00		\$ 2,032,300.00		\$ 1,125,500.00		\$ 479,330.00
		AVERAGE UNIT COST (ROUNDED TO NEAREST \$100)											PRICE PER SQUARE FOOT	\$ 10.00

NOTE: MISCELLANEOUS ITEMS INCLUDE ENGINEERING DESIGN FEE, SURVEY AND MATERIAL TEST
 NOTE2: DRAINAGE IMPROVEMENT COSTS TO ACCOMMODATE FUTURE WIDENINGS ARE ONLY AN ESTIMATE
 IN ORDER TO OBTAIN THE MAGNITUDE OF COSTS ASSOCIATED WITH THE FUTURE WIDENING

Appendix G - Detailed Cost Estimates

		FACILITY AGENCY		Long Range										
				Improve Right Turn Radius		Driveway Closure		Consolidate Driveways		Realign Cross Streets (Alma St, Baker St, Kobs Rd, Foster Rd)		Realign Nichols Rd.		
ITEM	CODE	DESCRIPTION	UNIT	PRICE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
100	2002	PREPARING ROW	STA	\$ 2,500.00		\$ -		\$ -		\$ -	5	\$ 12,500.00	18	\$ 45,000.00
104	2001	REMOVING CONC (PAV)	SY	\$ 4.00		\$ -	140	\$ 560.00	60	\$ 240.00		\$ -		\$ -
104	2009	REMOVING CONC (RIPRAP)	SY	\$ 6.00		\$ -	10	\$ 60.00	40	\$ 240.00		\$ -		\$ -
104	2021	REMOVING CONC (CURB)	LF	\$ 4.00	60	\$ 240.00	60	\$ 240.00	60	\$ 240.00		\$ -		\$ -
104	2036	REMOVING CONC (SIDEWALK OR RAMP)	SY	\$ 11.00		\$ -		\$ -		\$ -		\$ -		\$ -
105	2014	REMOVING STAB BASE & ASPH PAV (7'-12")	SY	\$ 2.00		\$ -		\$ -		\$ -	1300	\$ 2,600.00	700	\$ 1,400.00
110	2001	EXCAVATION (ROADWAY)	CY	\$ 4.00		\$ -	10	\$ 40.00		\$ -	1000	\$ 4,000.00	3800	\$ 15,200.00
112	2002	SUBGRADE WIDENING (DENS CONT)	STA	\$ 3,500.00		\$ -		\$ -		\$ -		\$ -		\$ -
132	2005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	\$ 25.00		\$ -	25	\$ 625.00		\$ -	100	\$ 2,500.00	250	\$ 6,250.00
150	2001	BLADING	STA	\$ 130.00		\$ -		\$ -		\$ -	5	\$ 650.00	21	\$ 2,730.00
160	2003	FURNISHING AND PLACING TOPSOIL (4")	SY	\$ 1.00		\$ -	140	\$ 140.00	25	\$ 25.00		\$ -		\$ -
162	2002	BLOCK SODDING	SY	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -
164	2045	STRAW OR HAY MULCHING	SY	\$ 0.20		\$ -		\$ -		\$ -	1700	\$ 340.00	7000	\$ 1,400.00
168	2001	VEGETATIVE WATERING	MG	\$ 13.00		\$ -		\$ -		\$ -	2	\$ 26.00	4	\$ 52.00
170	2001	IRRIGATION SYSTEM	LS	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
247	2041	FL BS (CMP IN PLC)(TY A GR 1)(FNAL POS	CY	\$ 62.00	4	\$ 248.00		\$ -	4	\$ 248.00	350	\$ 21,700.00	1300	\$ 80,600.00
260	2012	LIME(HYD.COM OR QK)(SLRY)OR QK(DRY)	TON	\$ 116.00	0.5	\$ 58.00		\$ -		\$ -	28	\$ 3,248.00	100	\$ 11,600.00
260	2014	LIME TRT (SUBGR)(DC)(6")	SY	\$ 1.00	15	\$ 15.00		\$ -		\$ -	1600	\$ 1,600.00	5600	\$ 5,600.00
316	2006	ASPH (AC-20-5TR)	GAL	\$ 2.00		\$ -		\$ -		\$ -	520	\$ 1,040.00	2240	\$ 4,480.00
316	2222	AGGR(TY-PB GR-4S SAC-B)	CY	\$ 85.00		\$ -		\$ -		\$ -	12	\$ 1,020.00	51	\$ 4,335.00
341	2122	D-GR HMA(QCQA) TY-D PG70-22	TON	\$ 80.00		\$ -		\$ -		\$ -	143	\$ 11,440.00	616	\$ 49,280.00
354	2023	PLANE ASPH CONC PAV(0' TO 4')	SY	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -
360	2018	CURB (TYPE II)	LF	\$ 4.00	100	\$ 400.00	100	\$ 400.00	100	\$ 400.00	1000	\$ 4,000.00		\$ -
360	2023	CONC PAV (JOINT REINF) (6")	SY	\$ 38.00	15	\$ 570.00		\$ -	15	\$ 570.00		\$ -		\$ -
432	2066	RIPRAP (CONC)(CL B)	CY	\$ 221.00	1	\$ 221.00		\$ -	2	\$ 442.00		\$ -		\$ -
502	2001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$ 5,000.00	0.5	\$ 2,500.00	0.25	\$ 1,250.00	0.5	\$ 2,500.00	6	\$ 30,000.00	6	\$ 30,000.00
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$ 2.00		\$ -		\$ -		\$ -	1000	\$ 2,000.00	4200	\$ 8,400.00
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$ 1.00		\$ -		\$ -		\$ -	1000	\$ 1,000.00	4200	\$ 4,200.00
531	2005	CURB RAMPS (TY 1)	EA	\$ 1,400.00		\$ -		\$ -		\$ -		\$ -		\$ -
531	2024	CONC SIDEWALK (5")	SY	\$ 33.00		\$ -		\$ -		\$ -		\$ -		\$ -
533	2001	SHOULDER TEXTURING (MILLED)	STA	\$ 17.00		\$ -		\$ -		\$ -		\$ -		\$ -
636	2001	ALUMINUM SIGNS (TY A)	SF	\$ 26.00		\$ -		\$ -		\$ -		\$ -		\$ -
644	2001	INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	\$ 400.00		\$ -		\$ -		\$ -		\$ -		\$ -
662	2004	WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
662	2032	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
662	2050	WK ZN PAV MRK REMOV (REFL) TY I-A	EA	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -
666	2003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
666	2006	REFL PAV MRK TY I (W) 4" (DOT)(100MIL)	LF	\$ 0.80		\$ -		\$ -		\$ -		\$ -		\$ -
666	2012	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -	1000	\$ 300.00	4200	\$ 1,260.00
666	2036	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	\$ 0.75		\$ -		\$ -		\$ -		\$ -		\$ -
666	2042	REFL PAV MRK TY I (W) 12"(SLD)(100MIL)	LF	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -
666	2048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -		\$ -		\$ -		\$ -
666	2054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	\$ 75.00		\$ -		\$ -		\$ -	1	\$ 75.00		\$ -
666	2096	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	\$ 85.00		\$ -		\$ -		\$ -	1	\$ 85.00		\$ -
666	2105	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -		\$ -		\$ -
666	2111	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	\$ 0.30		\$ -		\$ -		\$ -	1000	\$ 300.00	4200	\$ 1,260.00
666	2132	REFL PAV MRK TY I (Y) 24"(SLD)(100MIL)	LF	\$ 3.50		\$ -		\$ -		\$ -		\$ -		\$ -
672	2012	REFL PAV MRKR TY I-C	EA	\$ 3.00		\$ -		\$ -		\$ -		\$ -		\$ -
672	2015	REFL PAV MRKR TY II-A-A	EA	\$ 3.00		\$ -		\$ -		\$ -	50	\$ 150.00	100	\$ 300.00
677	2001	ELIM EXT PAV MRK & MRKS (4")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$ 0.20		\$ -		\$ -		\$ -		\$ -		\$ -
677	2008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	\$ 15.00		\$ -		\$ -		\$ -		\$ -		\$ -
677	2018	ELIM EXT PAV MRK & MRKS (WORD)	EA	\$ 19.00		\$ -		\$ -		\$ -		\$ -		\$ -
678	2001	PAV SURF PREP FOR MRK (4")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -
678	2003	PAV SURF PREP FOR MRK (8")	LF	\$ 0.10		\$ -		\$ -		\$ -		\$ -		\$ -
678	2007	PAV SURF PREP FOR MRK (ARROW)	EA	\$ 6.00		\$ -		\$ -		\$ -		\$ -		\$ -
678	2018	PAV SURF PREP FOR MRK (WORD)	EA	\$ 8.00		\$ -		\$ -		\$ -		\$ -		\$ -
6055	2001	IN - LANE OR TRANSVERSE RUMBLE STRIP	LF	\$ 18.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	DRAINAGE IMPROVEMENTS	MI	\$ 250,000.00		\$ -		\$ -		\$ -	0.25	\$ 62,500.00	0.4	\$ 100,000.00
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (RECONSTRUCTION)	EA	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (TS2 CABINET)	EA	\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (DETECTION)	EA	\$ 24,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (PEDESTRIAN)	EA	\$ 1,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (SIGNAL HEADS)	EA	\$ 1,100.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (BACK PLATES)	EA	\$ 100.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (POLES)	EA	\$ 8,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	TRAFFIC SIGNAL IMPROVEMENTS (REMOVE SIGNAL)	EA	\$ 10,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
XXX	XXX	SIGNAL SYNCHRONIZATION	LS	\$ 150,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
		SUB TOTAL 1				\$ 4,252.00		\$ 3,315.00		\$ 4,905.00		\$ 163,074.00		\$ 373,347.00
XXX	XXX	BONDS	LS	5%		\$ 212.60		\$ 165.75		\$ 245.25		\$ 8,153.70		\$ 18,667.35
500	2001	MOBILIZATION	LS	20%		\$ 850.40		\$ 663.00		\$ 981.00		\$ 32,614.80		\$ 74,669.40
		SUB TOTAL 2				\$ 5,315.00		\$ 4,143.75		\$ 6,131.25		\$ 203,842.50		\$ 466,683.75
XXX	XXX	MISCELLANEOUS & CONTINGENCY	LS	20%		\$ 1,063.00		\$ 828.75		\$ 1,226.25		\$ 40,768.50		\$ 93,336.75
		GRAND TOTAL				\$ 6,378.00		\$ 4,972.50		\$ 7,357.50		\$ 244,611.00		\$ 560,020.50
		CALLED				\$ 6,400.00		\$ 5,000.00		\$ 7,400.00		\$ 244,700.00		\$ 560,100.00
		AVERAGE UNIT COST (ROUNDED TO NEAREST \$100)												

NOTE: MISCELLANEOUS ITEMS INCLUDE ENGINEERING DESIGN FEE, SURVEY AND MATERIAL TEST
 NOTE2: DRAINAGE IMPROVEMENT COSTS TO ACCOMMODATE FUTURE WIDENINGS ARE ONLY AN ESTIMATE
 IN ORDER TO OBTAIN THE MAGNITUDE OF COSTS ASSOCIATED WITH THE FUTURE WIDENING