

**PID 121938 Front and Main Stage 2 Estimate**

ITEM	ITEM EXTENSION	DESCRIPTION	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
<b>ROADWAY</b>						
201	11000	CLEARING AND GRUBBING	1	LUMP SUM	\$20,000.0	\$20,000
202	30000	WALK REMOVED	118034	SF	\$2.0	\$236,100
202	32000	CURB REMOVED	18885	FT	\$3.5	\$66,100
202	58100	CATCH BASIN REMOVED	31	EACH	\$500.0	\$15,500
202	23000	PAVEMENT REMOVED	17375	SY	\$12.0	\$208,500
203	10000	EXCAVATION	3000	CY	\$15.0	\$45,000
203	20000	EMBANKMENT	1000	CY	\$20.0	\$20,000
452	10010	6" NON-REINFORCED CONCRETE PAVEMENT (WALKS AT COMMERCIAL DR)	2219	SY	\$100.0	\$221,900
452	12010	8" NON-REINFORCED CONCRETE PAVEMENT (WALKS AT RESENDITAL DR)	511	SY	\$150.0	\$76,700
452	15010	12" NON-REINFORCED CONCRETE PAVEMENT (INTERSECTION)	3437	SY	\$200.0	\$687,500
608	10000	4" CONCRETE WALK	100357	SF	\$8.0	\$802,900
608	52000	CURB RAMP (DETECTABLE WARNINGS)	1395	SF	\$25.0	\$34,900
609		CURB, TYPE A, AS PER PLAN (3")	14907	FT	\$20.0	\$298,100
609		CURB, TYPE A	10102	FT	\$25.0	\$252,600
SPECIAL		CROSSWALK BRICK PAVERS, AS PER PLAN	615	SY	\$150.0	\$92,300
SPECIAL		BRICK PAVERS, AS PER PLAN	5771	SY	\$150.0	\$865,700
SPECIAL		PLANTER CURB	12708	FT	\$25.0	\$317,700
832	15001	STORM WATER POLLUTION PREVENTION PLANS	1	LS	\$50,000.0	\$50,000
						\$0
<b>ROADWAY SUBTOTAL</b>						<b>\$4,311,500</b>
<b>DRAINAGE</b>						
605	14020	6" SHALLOW PIPE UNDERDRAIN, PER 707.31 W/SCOK	18885	FT	\$10.0	\$188,900
611	00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	1259	FT	\$50.0	\$63,000
611	04400	12" CONDUIT, TYPE B	1200	FT	\$110.0	\$132,000
611	04600	12" CONDUIT, TYPE C	1400	FT	\$80.0	\$112,000
611	98630	CATCH BASIN ADJUSTED TO GRADE	34	EACH	\$1,000.0	\$34,000
611	99654	MANHOLE ADJUSTED TO GRADE	87	EACH	\$1,000.0	\$87,000
611	99574	MANHOLE, NO. 3	12	EACH	\$5,000.0	\$60,000
611		CATCH BASIN, TYPE A-1	43	EACH	\$4,000.0	\$172,000
611		CATCH BASIN, TYPE A-2	34	EACH	\$3,000.0	\$102,000
611		CATCH BASIN, TYPE D	1	EACH	\$3,000.0	\$3,000
						\$0
<b>DRAINAGE SUBTOTAL</b>						<b>\$953,900</b>
<b>PAVEMENT</b>						
204	45000	PROOF ROLLING	3	HR	\$180.0	\$500
204	10000	SUBGRADE COMPACTION	5477	SY	\$3.0	\$16,400
302	46000	6" ASPHALT CONCRETE BASE, PG 64-22	340	CY	\$220.0	\$74,800
304	20000	6" AGGREGATE BASE	1376	CY	\$80.0	\$110,100
442	00200	1.25" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1 (448), PG 70-22M	1632	CY	\$280.0	\$456,900
442	10100	1.75" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 1 (448), PG 70-22M	2284	CY	\$250.0	\$571,100
407	10000	TRACKLESS TACK COAT	5968	GAL	\$4.0	\$23,900
254	01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"	44953	SY	\$15.0	\$674,300
						\$0
<b>PAVEMENT SUBTOTAL</b>						<b>\$1,928,000</b>
<b>WATER WORKS</b>						
638	98100	FIRE HYDRANT, ATG	21	EA	\$5,000.0	\$105,000
638		WATER MH, ATG	53	EACH	\$600.0	\$31,800
						\$0
<b>WATER WORKS SUBTOTAL</b>						<b>\$136,800</b>
<b>TRAFFIC CONTROL</b>						
642	00100	EDGE LINE, 4"	0.01	MILE	\$1,000	\$10
642	00200	LANE LINE, 4"	0.10	MILE	\$1,500	\$160
642	00300	CENTER LINE	1.20	MILE	\$1,600	\$1,920
642	00400	CHANNELIZING LINE, 8"	2451	FT	\$1	\$1,470
642	00500	STOP LINE	542	FT	\$4	\$2,170
642	00630	CROSSWALK LINE	2,938	FT	\$6	\$17,630
642	00700	TRANSVERSE/DIAGONAL LINE	212	FT	\$4	\$850
642	00720	CHEVRON MARKING	325	FT	\$5	\$1,630
642	01300	LANE ARROW	54	EACH	\$55	\$2,970
642	01510	DOTTED LINE, 6"	1526	FT	\$2	\$2,290
630	03100	GROUND MOUNTED SUPPORT, NO.3 POST	3484	FT	\$15.0	\$52,260
630	08600	SIGN POST REFLECTOR	20	EACH	\$45.0	\$900
630	80100	SIGN, FLAT SHEET	696	SF	\$25.0	\$17,400
630	80500	SIGN, DOUBLE FACED, STREET NAME	58	SF	\$25.0	\$1,450
630	79500	SIGN ATTACHMENT ASSEMBLY, POLE MOUNTED	25	SF	\$25.0	\$630
630	84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	359	EACH	\$20.0	\$7,180
630	86002	REMOVAL OF GOURND MOUNTED POST SUPPORT AND DISPOSAL	334	EACH	\$25.0	\$8,350

TRAFFIC CONTROL SUBTOTAL						\$119,270
LIGHTING						
625	001	CONDUIT, 3", 725.05, AS PER PLAN	16836	FT	12.00	\$202,032
625	006	TRENCH	16836	FT	10.00	\$168,360
625	013	GROUND ROD, AS PER PLAN	134	EACH	1,050.00	\$140,700
625		CONNECTION, FUSED PULL APART	268	EACH	150.00	\$40,200
625		CONNECTION, UNFUSED PERMANENT	20	EACH	150.00	\$3,000
625		LIGHT POLE, AESTHETIC, AS PER PLAN, AT06B30, WITH BASELINE AESTHETIC FEATURES, BLACK FINISH	130	EACH	8,500.00	\$1,105,000
625		LIGHT POLE, AESTHETIC, AS PER PLAN, POST-TOP, WITH BASELINE AESTHETIC FEATURES, BLACK FINISH	4	EACH	6,000.00	\$24,000
625		LIGHT POLE FOUNDATION, 24" X 6' DEEP	4	EACH	1,600.00	\$6,400
625		LIGHT POLE FOUNDATION, 24" X 8' DEEP	130	EACH	2,000.00	\$260,000
625		NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	56238	FT	5.00	\$281,190
625		NO. 10 AWG POLE AND BRACKET CABLE	5682	FT	2.50	\$14,205
625		LUMINAIRE, DECORATIVE, AS PER PLAN, SOLID STATE (LED), POST-TOP LANTERN, IES-II, 4,000-4,400 LUMENS, BLACK	130	EACH	2,250.00	\$292,500
625		LUMINAIRE, ACORN, AS PER PLAN, SOLID STATE (LED), POST-TOP ACORN, IES-V, 4,600-4,900 LUMENS, BLACK	4	EACH	2,250.00	\$9,000
625		LUMINAIRE, TEARDROP, SOLID STATE (LED), AS PER PLAN, 11,900 LUMENS, BLACK	130	EACH	2,500.00	\$325,000
625		POWER SERVICE, AS PER PLAN	5	EACH	10,000.00	\$50,000
625		ARC FLASH CALCULATIONS AND LABEL, DISCONNECT SWITCH	5	EACH	2,000.00	\$10,000
625		ARC FLASH CALCULATIONS AND LABEL, ENCLOSURE	5	EACH	2,000.00	\$10,000
						\$0
LIGHTING SUBTOTAL						\$2,941,587
TRAFFIC SIGNALS						
625	002	CONDUIT, JACKED UNDER PAVEMENT, AS PER PLAN, 3"	1589	FT	35.00	\$55,615
625	004	CONDUIT, JACKED UNDER PAVEMENT, AS PER PLAN, 4"	1178	FT	38.00	\$44,764
625		CONDUIT, 3" 725.05, AS PER PLAN	6687	FT	11.50	\$76,901
625		CONDUIT, 4" 725.05, AS PER PLAN	109	FT	14.00	\$1,526
625		TRENCH, AS PER PLAN	6796	FT	10.00	\$67,960
625		PULLBOX MISC: PULLBOX, TYPE A	50	EACH	2,100.00	\$105,000
625		PULLBOX MISC: PULLBOX, TYPE S	5	EACH	2,150.00	\$10,750
625		GROUND ROD, AS PER PLAN	37	EACH	1,050.00	\$38,850
625		UNDERGROUND MARKING TAPE	9563	FT	2.00	\$19,126
632		PEDESTAL, 8'	17	EACH	1,250.00	\$21,250
632		PEDESTAL FOUNDATION	17	EACH	1,350.00	\$22,950
632		ACCESSIBLE PEDESTRAIN PUSHBUTTON, AS PER PLAN	30	EACH	300.00	\$9,000
632		SIGNAL SUPPORT FOUNDATION, TYPE B, AS PER PLAN	4	EACH	4,000.00	\$16,000
632		SIGNAL SUPPORT FOUNDATION, TYPE C, AS PER PLAN	7	EACH	4,000.00	\$28,000
632		SIGNAL SUPPORT FOUNDATION, TYPE D, AS PER PLAN	3	EACH	4,000.00	\$12,000
632		SIGNAL SUPPORT FOUNDATION, TYPE I, AS PER PLAN	2	EACH	4,500.00	\$9,000
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E10.0" x 6.85" x 22'-6" POLE; 7E7.0" x 3.92" x 22'-0" ARM	3	EACH	7,800.00	\$23,400
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E10.0" x 6.85" x 22'-6" POLE; 7E7.0" x 3.36" x 26'-0" ARM	2	EACH	8,000.00	\$16,000
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E11.0" x 7.85" x 22'-6" POLE; 7E8.0" x 4.08" x 28'-0" ARM	1	EACH	8,300.00	\$8,300
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E11.0" x 7.85" x 22'-6" POLE; 7E8.0" x 3.80" x 30'-0" ARM	1	EACH	8,800.00	\$8,800
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E11.0" x 7.85" x 22'-6" POLE; 7E8.0" x 3.52" x 32'-0" ARM	4	EACH	9,500.00	\$38,000
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E11.0" x 7.85" x 22'-6" POLE; 7E8.0" x 3.24" x 34'-0" ARM	1	EACH	10,000.00	\$10,000
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E12.0" x 8.85" x 22'-6" POLE; 7E9.0" x 3.96" x 36'-0" ARM	1	EACH	11,500.00	\$11,500
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E12.0" x 8.85" x 22'-6" POLE; 7E9.0" x 3.68" x 38'-0" ARM	1	EACH	13,000.00	\$13,000
632		COMBINATION SIGNAL SUPPORT MISC.: COMBINATION SIGNAL SUPPORT 7E12.0" x 8.85" x 22'-6" POLE; 7E9.0" x 6.90", 7E7.744x3.52 x 42'-0" ARM	2	EACH	14,000.00	\$28,000
632		INTERCONNECT MISC.: 6-FIBER, LOOSE TUBE, SINGLE MODE, AS PER PLAN	281	FT	6.00	\$1,686
632		INTERCONNECT MISC.: 24-FIBER, LOOSE TUBE, SINGLE MODE, AS PER PLAN	7556	FT	8.00	\$60,448
632		INTERCONNECT MISC.: FIBER OPTIC PATCH CORD, 4 FIBER, AS PER PLAN	5	EACH	60.00	\$300
632		INTERCONNECT MISC.: TERMINATION PANEL IN NEMA CABINET, AS PER PLAN	1	EACH	250.00	\$250.00
632		CABLE SUPPORT ASSEMBLY, AS PER PLAN	1	EACH	100.00	\$100
632		VEHICULAR SIGNAL HEAD (LED), BLACK, 3-SECTION, 12" LENS, POLYCARBONATE WITH BACKPLATE, RIGID-MOUNT, AS PER PLAN	26	EACH	1,300.00	\$33,800
632		VEHICULAR SIGNAL HEAD (LED), BLACK, 5-SECTION, 12" LENS, POLYCARBONATE WITH BACKPLATE, RIGID-MOUNT, AS PER PLAN	15	EACH	1,600.00	\$24,000
632		PEDESTRIAN SIGNAL HEAD, LED, BLACK, TYPE D-2 (COUNTDOWN), PEDESTAL-MOUNT 1-WAY, AS PER PLAN	15	EACH	650.00	\$9,750
632		PEDESTRIAN SIGNAL HEAD, LED, BLACK, TYPE D-2 (COUNTDOWN), POLE-MOUNT 1-WAY, AS PER PLAN	17	EACH	650.00	\$11,050
632		REMOVAL OF TRAFFIC SIGNAL INSTALLATION	23	EACH	1,500.00	\$34,500

632		COVERING OF VEHICULAR SIGNAL HEAD	39	EACH	35.00	\$1,365
632		COVERING OF PEDESTRIAN SIGNAL HEAD	38	EACH	25.00	\$950
632		POWER SERVICE, TYPE B, AS PER PLAN	4	EACH	1,000.00	\$4,000
633		CONTROLLER UNIT, ECONOLITE COBALT, TYPE TS2/A2, WITH CABINET, SIZE M, TYPE TS2, AS PER PLAN	4	EACH	28,000.00	\$112,000
633		CONTROLLER ITEM MISC: ETHERNET SWITCH, CABINET, AS PER PLAN	4	EACH	5,000.00	\$20,000
633		CABINET FOUNDATION, TYPE "M"	4	EACH	2,500.00	\$10,000
630		PHB INSTALLATION	1	LS	\$100,000.0	\$100,000
630		PHB ADJUST TO NEW LOCATION	1	LS	\$50,000.0	\$50,000
<b>SIGNAL SUBTOTAL</b>						<b>\$1,169,891</b>
<b>MAINTENANCE OF TRAFFIC</b>						
614	11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	80	HOUR	\$142.0	\$11,360
614	11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL	3	EACH	\$16,000.0	\$48,000
614	21000	WORK ZONE CENTER LINE, CLASS I	3.12	MILE	\$1,400.0	\$4,368
614	22000	WORK ZONE EDGE LINE, CLASS I, 4"	8.03	MILE	\$675.0	\$5,420
614	23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	2711	FEET	\$1.0	\$2,711
614	24000	WORK ZONE DOTTED LINE, CLASS I	250	FEET	\$1.3	\$313
614	26000	WORK ZONE STOP LINE, CLASS I	379	FEET	\$6.8	\$2,558
614	27000	WORK ZONE CROSSWALK LINE, CLASS I	1507	FEET	\$2.0	\$3,014
615	20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	16	SQ YD	\$200.0	\$3,200
616	10000	WATER	10	GAL	\$45.0	\$450
						\$0
<b>MAINTENANCE OF TRAFFIC SUBTOTAL</b>						<b>\$81,394</b>
<b>LANDSCAPING</b>						
		SUBGRADE EXCAVATION	5970	CY.	\$25	\$149,300
		STRUCTURAL SOILS	534	CY.	\$135	\$72,100
		PLANTING SOILS	5138	CY.	\$130	\$667,900
		LAWN TOPSOIL	298	CY.	\$120	\$35,800
		LAWN SEED	4023	SF.	\$3	\$12,100
		MULCH	665	CY.	\$100	\$66,500
		STREET TREES	306	EA.	\$900	\$275,400
		MEDIAN TREES	111	EA.	\$900	\$99,900
		SHRUBS	203	EA.	\$50	\$10,200
		GRASSES	7424	EA.	\$25	\$185,600
		PERENNIALS	6250	EA.	\$30	\$187,500
		4'X8' TREE GRATE	69	EA.	\$4,000	\$276,000
		3'X8' TREE GRATE	5	EA.	\$3,500	\$17,500
		IRRIGATION	13940	SF.	\$20	\$278,800
		SITE FURNISHING FOR WHOLE ROJECT	1	ALLOWANCE	\$350,000	\$350,000
						\$0
<b>LANDSCAPING SUBTOTAL</b>						<b>\$2,684,600</b>
<b>CONSTRUCTION MISC.</b>						
614		MAINTENANCE OF TRAFFIC (5% TOTAL COSTS)		LUMP SUM		\$716,000
624	10000	MOBILIZATION		LUMP SUM		\$1,000,000
623	10000	CONSTRUCTION LAYOUT STAKES		LUMP SUM		\$72,000
						\$0
<b>CONSTRUCTION MISC. SUBTOTAL</b>						<b>\$1,788,000</b>
<b>CONSTRUCTION COST SUBTOTAL</b>						<b>\$16,114,942</b>
COST CONTINGENCY-STAGE 2 ENGINEERING				10%		
<b>TOTAL CONSTRUCTION COST, 2026 DOLLARS</b>						<b>\$17,727,000</b>
CONSTRUCTION INFLATION RATE (CONSTRUCTION MIDPOINT 12/2027)				6.8%		
<b>TOTAL CONSTRUCTION COST, 2027 DOLLARS</b>						<b>\$18,933,000</b>