

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

ESTIMATE NO: 13

This Estimate Date: 1/12/2012

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COVERING PERIOD: 12/3/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/24/2010	WORK COMMENCED: 11/29/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
1 - SITE PREPARATION AND EARTHWORK ITEMS								
1. VIDEO RECORDING CONSTRUCTION	L.S.	1.000	0.000	1.000	1.000	100%	\$1,859.00	\$1,859.00
2. CLEARING AND GRUBBING	STA.	63.000	0.000	56.000	56.000	89%	\$8,064.40	\$451,606.40
3. REMOVE EXISTING CONCRETE PAVEMENT & DRIVEWAY (INCLUDES EXISTING ASPHALT OVERLAY & CONCRETE CURBS)	S.Y.	54930.000	421.840	39395.620	39817.460	72%	\$1.60	\$63,707.94
4. REMOVE EXISTING SIDEWALKS (ALL TYPES)	S.Y.	2323.000	0.000	0.000	0.000	0%	\$1.40	\$0.00
5. REMOVE EXISTING CONCRETE SLOPE PAVING	S.Y.	501.000	0.000	501.000	501.000	100%	\$8.10	\$4,058.10
6. FILL VOLUME (BORROW MATERIAL)	C.Y.	5700.000	0.000	4396.950	4396.950	77%	\$3.40	\$14,949.63
7. REMOVE AND DISPOSE OF EXISTING ASPHALTIC SURFACE AND BASE MATERIAL	S.Y.	7326.000	0.000	7326.000	7326.000	100%	\$1.30	\$9,523.80
8. ROADWAY EXCAVATION INCLUDING STRIPPING	C.Y.	2000.000	0.000	2000.000	2000.000	100%	\$2.00	\$4,000.00
9. REMOVE AND DISPOSE OF EXISTING 8-INCH STORM SEWER (ALL TYPES)	L.F.	94.000	0.000	0.000	0.000	0%	\$4.20	\$0.00
10. REMOVE AND DISPOSE OF EXISTING 12-INCH STORM SEWER (ALL TYPES)	L.F.	162.000	0.000	96.000	96.000	59%	\$4.20	\$403.20
11. REMOVE AND DISPOSE OF EXISTING 18-INCH STORM SEWER (ALL TYPES)	L.F.	1228.000	0.000	213.000	213.000	17%	\$5.30	\$1,128.90
12. REMOVE AND DISPOSE OF EXISTING 24-INCH RCP STORM SEWER	L.F.	234.000	0.000	234.000	234.000	100%	\$5.30	\$1,240.20
13. REMOVE AND DISPOSE OF EXISTING 36-INCH RCP STORM SEWER	L.F.	79.000	0.000	59.000	59.000	75%	\$5.30	\$312.70
14. REMOVE AND DISPOSE OF EXISTING 48-INCH RCP STORM SEWER	L.F.	779.000	0.000	779.000	779.000	100%	\$7.00	\$5,453.00
15. REMOVE AND DISPOSE OF EXISTING 54-INCH RCP STORM SEWER	L.F.	348.000	0.000	348.000	348.000	100%	\$8.00	\$2,784.00
16. REMOVE AND DISPOSE OF EXISTING 60-INCH RCP STORM SEWER	L.F.	2022.000	0.000	2022.000	2022.000	100%	\$9.50	\$19,209.00

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1 - SITE PREPARATION AND EARTHWORK ITEMS (CONTINUED)								
17. REMOVE AND DISPOSE OF EXISTING 72-INCH RCP STORM SEWER	L.F.	910.000	0.000	910.000	910.000	100%	\$11.40	\$10,374.00
18. REMOVE AND DISPOSE OF EXISTING 4.5'X4.5' RCB STORM SEWER (1) (2)	L.F.	515.000	0.000	515.000	515.000	100%	\$12.50	\$6,437.50
19. REMOVE AND DISPOSE OF EXISTING 4.5'X3' RCB STORM, SEWER	L.F.	610.000	524.000	84.000	608.000	100%	\$12.50	\$7,600.00
20. REMOVE AND DISPOSE OF EXISTING INLETS (ALL TYPES)	EA.	36.000	0.000	35.000	35.000	97%	\$214.50	\$7,507.50
21. REMOVE AND DISPOSE OF EXISTING STORM SEWER MANHOLE	EA.	26.000	7.000	14.000	21.000	81%	\$214.50	\$4,504.50
22. REMOVE AND RELOCATE ROADWAY SIGNS AND MAILBOXES	L.S.	1.000	0.000	0.000	0.000	0%	\$825.00	\$0.00
23. TREE PROTECTION AND TRIMMING	L.S.	1.000	0.500	0.500	1.000	100%	\$2,200.00	\$2,200.00
24. PROJECT SIGNS - LOCATION TO BE AS DIRECTED BY THE ENGINEER	EA.	2.000	0.000	2.000	2.000	100%	\$544.50	\$1,089.00
2 - CITY OF PASADENA SITE PREPARATION AND EARTHWORK ITEMS								
25. CUT, PLUG AND ABANDON 6-INCH PVC WATERLINE	EA.	12.000	2.000	9.000	11.000	92%	\$281.50	\$3,096.50
26. CUT, PLUG AND ABANDON 8-INCH PVC WATERLINE	EA.	9.000	0.000	9.000	9.000	100%	\$296.90	\$2,672.10
27. CUT, PLUG AND ABANDON 12-INCH PVC WATERLINE	EA.	2.000	0.000	0.000	0.000	0%	\$338.00	\$0.00
28. REMOVE AND SALVAGE EXISTING FIRE HYDRANT TO BE DELIVERED TO CITY OF PASADENA	EA.	5.000	4.000	1.000	5.000	100%	\$137.10	\$685.50
29. REMOVE AND DISPOSE OF EXISTING SANITARY SEWER MANHOLE	EA.	28.000	6.000	19.000	25.000	89%	\$214.50	\$5,362.50
3 - PAVING ITEMS								
30. 8-INCH LIME STABILIZED SUBGRADE MANIPULATION	S.Y.	46592.000	2603.115	27142.308	29745.423	64%	\$2.00	\$59,490.85
31. TYPE A, COMMERCIAL GRADE LIME (7% BY DRY WEIGHT)	TON	1077.000	39.020	845.030	884.050	82%	\$134.00	\$118,462.70
32. 6 INCH ASPHALTIC BLACK BASE	TON	1242.000	0.020	856.510	856.530	69%	\$92.00	\$78,800.76

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3 - PAVING ITEMS (CONTINUED)								
32A. 6 INCH ASPHALTIC BLACK BASE FOR ASPHALT DRIVEWAYS	TON	45.000	0.000	45.000	45.000	100%	\$66.40	\$2,988.00
33. 2-INCH TYPE "D" HOT MIX ASPHALTIC CONCRETE (HMAC) SURFACE COURSE	TON	457.000	0.000	226.080	226.080	49%	\$108.00	\$24,416.64
33A. 2-INCH TYPE "D" HOT MIX ASPHALTIC CONCRETE (HMAC) SURFACE COURSE FOR ASPHALT DRIVEWAYS	TON	15.000	0.000	0.000	0.000	0%	\$129.80	\$0.00
34. TACK COAT (0.10 GAL/LIFT)	Gal.	364.000	0.000	0.000	0.000	0%	\$3.30	\$0.00
34A. TACK COAT (0.10 GAL/LIFT) FOR ASPHALT DRIVEWAYS	Gal.	13.000	0.000	0.000	0.000	0%	\$3.30	\$0.00
35. 10-INCH CONCRETE PAVEMENT	S.Y.	39337.000	392.490	31934.250	32326.740	82%	\$34.00	\$1,099,109.16
35A. 10-INCH CONCRETE DRIVEWAYS	S.Y.	2483.000	0.000	2483.000	2483.000	100%	\$39.00	\$96,837.00
36. 10-INCH HIGH EARLY STRENGTH CONCRETE AT INTERSECTIONS (RICHEY, SHAVER, MAIN)	S.Y.	4200.000	0.000	1802.970	1802.970	43%	\$36.00	\$64,906.92
37. 8-INCH CEMENT STABILIZED SUBGRADE FOR HIGH EARLY STRENGTH CONCRETE	S.Y.	4360.000	0.000	3343.940	3343.940	77%	\$7.80	\$26,082.73
38. 4 1/2-INCH CONCRETE SIDEWALKS (REPLACED)	S.Y.	2322.000	362.440	1913.040	2275.480	98%	\$32.70	\$74,408.20
39. HCPID TYPE 5 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (REPLACED)	S.Y.	7.000	0.000	0.000	0.000	0%	\$135.00	\$0.00
40. HCPID TYPE 13 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (REPLACED)	S.Y.	336.000	31.380	90.250	121.630	36%	\$90.00	\$10,946.70
41. HCPID TYPE 7 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (REPLACED)	S.Y.	83.000	0.000	83.000	83.000	100%	\$133.00	\$11,039.00
42. HCPID TYPE 9 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (REPLACED)	S.Y.	13.000	13.000	0.000	13.000	100%	\$130.00	\$1,690.00
43. HORIZONTAL DOWELS (DRILLED & EMBED TO EXIST PAVEMENT)	EA.	226.000	0.000	0.000	0.000	0%	\$5.10	\$0.00

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3 - PAVING ITEMS (CONTINUED)								
44. 6-INCH CONCRETE CURB, COMPLETE IN PLACE	L.F.	15537.000	2746.000	3511.590	6257.590	40%	\$2.00	\$12,515.18
45. 1-FOOT MOUNTABLE CURB, COMPLETE IN PLACE	L.F.	362.000	334.000	0.000	334.000	92%	\$3.70	\$1,235.80
46. 6-INCH CONCRETE FOR THE MEDIAN	S.Y.	1395.000	1370.740	0.000	1370.740	98%	\$28.50	\$39,066.09
47. BLACK COLORING FOR 6-INCH CONCRETE MEDIAN	S.Y.	210.000	0.000	0.000	0.000	0%	\$1.30	\$0.00
4 - CITY OF PASADENA PAVING ITEMS								
48. 4 1/2-INCH CONCRETE SIDEWALKS (NEW)	S.Y.	2750.000	0.000	354.940	354.940	13%	\$32.50	\$11,535.55
49. BRICK PAVERS	S.F.	9017.000	3586.000	0.000	3586.000	40%	\$4.80	\$17,212.80
50. HCPID TYPE 13 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (NEW)	S.Y.	454.000	0.000	0.000	0.000	0%	\$75.50	\$0.00
51. HCPID TYPE 7 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (NEW)	S.Y.	27.000	0.000	6.670	6.670	25%	\$90.00	\$600.30
52. HCPID TYPE 9 RAMP, COLORED BRICK RED WITH TRUNCATED DOMES ON LOWER 2 FEET (NEW)	S.Y.	7.000	0.000	0.000	0.000	0%	\$90.00	\$0.00
5 - BRIDGE WIDENING ITEMS								
53. REMOVAL SIDEWALK	S.Y.	136.000	0.000	129.960	129.960	96%	\$24.00	\$3,119.04
54. D-GR HMAC (METH) TY-D PG64-22	TON	1.000	0.000	0.000	0.000	0%	\$1,150.00	\$0.00
55. REMOVAL RAIL (CONCRETE AND METAL)	L.F.	223.900	0.000	223.900	223.900	100%	\$2.00	\$447.80
56. PSTR CONCRETE PIL (16" SQ)	VF	356.000	0.000	356.000	356.000	100%	\$126.30	\$44,962.80
57. CLASS 'A1' CONCRETE FOR INTERIOR BENT CAP WIDENING, INCLUDING REINFORCING STEEL AND DOWELS, COMPLETE IN PLACE	C.Y.	6.200	0.000	6.200	6.200	100%	\$780.00	\$4,836.00
58. CLASS 'A1' CONCRETE FOR ABUTMENT CAP AND BACKWALL WIDENING, INCLUDING REINFORCING STEEL AND DOWELS, COMPLETE IN PLACE	C.Y.	15.300	0.000	15.300	15.300	100%	\$620.00	\$9,486.00

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5 - BRIDGE WIDENING ITEMS (CONTINUED)								
59. CLASS 'A1' CONCRETE FOR SIDEWALK (MINIMUM 6" THICK), INCLUDING REINFORCING STEEL AND DOWELS, COMPLETE IN PLACE	S.Y.	125.300	0.000	125.030	125.030	100%	\$59.00	\$7,376.77
60. CLASS 'A1' CONCRETE FOR MEDIAN (6" THICK), INCLUDING REINFORCING STEEL AND DOWELS, COMPLETE IN PLACE	S.Y.	125.300	0.000	0.000	0.000	0%	\$31.20	\$0.00
61. PRECAST PRESTRESSED CONCRETE SLAB BEAM 5SB12	L.F.	183.900	0.000	183.900	183.900	100%	\$200.00	\$36,780.00
62. CLASS 'A1' CONCRETE FOR BRIDGE SLAB WIDENING (5" THICK), INCLUDING REINFORCING STEEL AND DOWELS, COMPLETE IN PLACE	S.Y.	113.100	0.000	113.100	113.100	100%	\$99.90	\$11,298.69
63. HARRIS COUNTY STANDARD COMBINATION (TRAFFIC/PEDESTRIAN) RAILING, COMPLETE IN PLACE	L.F.	185.900	0.000	185.900	185.900	100%	\$98.10	\$18,236.79
64. CLASS 'A1' CONCRETE FOR APPROACH SLAB WIDENING (11" THICK), INCLUDING REINFORCING STEEL AND DOWELS, COMPLETE IN PLACE	S.Y.	94.100	0.000	94.100	94.100	100%	\$93.00	\$8,751.30
65. ALUMINUM BRIDGE PLAQUE	EA.	1.000	0.000	0.000	0.000	0%	\$1,528.00	\$0.00
6 - STORM SEWER ITEMS								
66. 19-INCH X 30-INCH ELLIPTICAL RCP STORM SEWER/LEAD RUBBER GASKET, C76, CLASS III	L.F.	171.000	0.000	110.000	110.000	64%	\$62.60	\$6,886.00
67. 24-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III	L.F.	3050.000	58.000	2452.000	2510.000	82%	\$51.70	\$129,767.00
68. 30-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III	L.F.	125.000	0.000	125.000	125.000	100%	\$76.80	\$9,600.00
69. 36-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III	L.F.	172.000	0.000	172.000	172.000	100%	\$81.00	\$13,932.00
70. 12-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III	L.F.	271.000	0.000	270.000	270.000	100%	\$90.30	\$24,381.00
71. 48-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III	L.F.	902.000	0.000	807.000	807.000	89%	\$106.80	\$86,187.60
72. 54-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III (2)	L.F.	1320.000	0.000	1320.000	1320.000	100%	\$118.50	\$156,420.00

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6 - STORM SEWER ITEMS (CONTINUED)								
73. 60-INCH RCP STORM SEWER RUBBER GASKET, C76, CLASS III	L.F.	836.000	0.000	809.000	809.000	97%	\$147.00	\$118,923.00
74. 9'X5' RCB STORM SEWER, C1433	L.F.	373.000	0.000	373.000	373.000	100%	\$309.20	\$115,331.60
75. 5'X5' RCB STORM SEWER, C1433	L.F.	33.000	0.000	33.000	33.000	100%	\$201.00	\$6,633.00
76. 10'X5' RCB STORM SEWER, C1433	L.F.	552.000	0.000	521.000	521.000	94%	\$350.30	\$182,506.30
77. PRE-CAST CITY OF PASADENA TYPE "A" CURB INLET	EA.	56.000	0.000	56.000	56.000	100%	\$2,703.00	\$151,368.00
78. PRE-CAST MODIFIED TYPE "A" CURB INLET (2)	EA.	8.000	0.000	8.000	8.000	100%	\$2,750.00	\$22,000.00
79. PRE-CAST HCPID TYPE "A" GRATE INLET	EA.	2.000	0.000	2.000	2.000	100%	\$1,832.00	\$3,664.00
81. PRE-CAST OR CAST-IN-PLACE 11'X8' JUNCTION BOX (STA 53+30.6) W/COP TYPE "A" CURB INLET TOP (INLET TOP IS INCIDENTAL TO THE JUNCTION BOX)	EA.	1.000	0.000	1.000	1.000	100%	\$21,743.00	\$21,743.00
82. PRE-CAST OR CAST-IN-PLACE 11'X5' JUNCTION BOX W/COP TYPE "A" CURB INLET TOP (INLET TOP IS INCIDENTAL TO THE JUNCTION BOX) (STA 54+65, 56+64, 58+55, 60+70)	EA.	4.000	0.000	4.000	4.000	100%	\$16,683.00	\$66,732.00
83. PRE-CAST OR CAST-IN-PLACE 6'X13' JUNCTION BOX (STA 12+27.9) W/ MANHOLE TOP (MANHOLE TOP IS INCIDENTAL TO THE JUNCTION BOX)	EA.	1.000	0.000	1.000	1.000	100%	\$24,911.00	\$24,911.00
84. PRECAST OR CAST-IN-PLACE JUNCTION BOX (STA 16+02.82) W/MANHOLE TOP (MANHOLE TOP IS INCIDENTAL TO THE JUNCTION BOX)	EA.	1.000	0.000	1.000	1.000	100%	\$11,790.00	\$11,790.00
85. PRE-CAST OR CAST-IN-PLACE 5'X5' CONCRETE BEND (STA 16+15.50)	EA.	1.000	0.000	1.000	1.000	100%	\$6,200.00	\$6,200.00
86. PRE-CAST OR CAST-IN-PLACE JUNCTION BOX (STA 18+25.70) W/ MANHOLE TOP (9'X14') (MANHOLE TOP IS INCIDENTAL TO THE JUNCTION BOX)	EA.	1.000	0.000	1.000	1.000	100%	\$19,000.00	\$19,000.00

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6 - STORM SEWER ITEMS (CONTINUED)								
87. PRE-CAST OR CAST-IN-PLACE JUNCTION BOX (STA 18+25) W/MANHOLE TOP (8'X8') (MANHOLE TOP IS INCIDENTAL TO THE JUNCTION BOX)	EA.	1.000	0.000	1.000	1.000	100%	\$8,700.00	\$8,700.00
88. PRE-CAST OR CAST-IN-PLACE JUNCTION BOX (STA 2+67.50-MAIN) W/COP TYPE "A" CURB INLET TOP (7'X5') (INLET TOP IS INCIDENTAL TO THE JUNCTION BOX)	EA.	1.000	0.000	1.000	1.000	100%	\$6,650.00	\$6,650.00
89. PRECAST STORM SEWER MANHOLE TOP FOR BOX SEWERS	EA.	8.000	0.000	5.000	5.000	63%	\$1,160.00	\$5,800.00
90. PRE-CAST STORM SEWER MANOLE FOR SEWERS LESS THAN 48-INCH DIAMETER	EA.	28.000	0.000	12.000	12.000	43%	\$1,980.00	\$23,760.00
91. PRE-CAST STORM SEWER MANHOLE FOR SEWERS BETWEEN 48-INCH AND 78-INCH DIAMETER (2)	EA.	32.000	0.000	32.000	32.000	100%	\$3,140.00	\$100,480.00
92. ADJUST EXISTING MANHOLE TO PROPOSED GRADE	EA.	2.000	0.000	0.000	0.000	0%	\$193.00	\$0.00
93. 5-INCH REINFORCED CONCRETE SLOPE PAVING	S.Y.	501.000	0.000	501.000	501.000	100%	\$42.60	\$21,342.60
94. CAST-IN-PLACE CONCRETE HEADWALL (CLASS A2 CONC) STA 23+60	C.Y.	28.000	0.000	28.000	28.000	100%	\$497.00	\$13,916.00
95. TRENCH SAFETY SYSTEM FOR STORM SEWERS (5'-10' DEEP)	L.F.	5925.000	58.000	5610.000	5668.000	96%	\$1.00	\$5,668.00
96. TRENCH SAFETY SYSTEM FOR STORM SEWERS (10'-15' DEEP)	L.F.	1034.000	0.000	1034.000	1034.000	100%	\$1.00	\$1,034.00
97. CCTV OF COMPLETE STORM SEWER SYSTEM	L.S.	1.000	0.000	0.000	0.000	0%	\$18,822.00	\$0.00
7 - SANITARY SEWER ITEMS								
98. 4-FOOT DIAMETER PRECAST CONCRETE SANITARY MANHOLE	EA.	29.000	0.000	29.000	29.000	100%	\$2,020.00	\$58,580.00
99. 6-INCH TO 6-INCH DIAMETER SANITARY SEWER, PIPEBURSTING	L.F.	50.000	0.000	0.000	0.000	0%	\$33.00	\$0.00
100. 6-INCH TO 8-INCH DIAMETER SANITARY SEWER, PIPEBURSTING	L.F.	956.000	0.000	887.000	887.000	93%	\$35.20	\$31,222.40
101. 8-INCH TO 8-INCH DIAMETER SANITARY SEWER, PIPEBURSTING	L.F.	787.000	0.000	787.000	787.000	100%	\$35.20	\$27,702.40

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CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
7 - SANITARY SEWER ITEMS (CONTINUED)								
102. 12-INCH TO 12-INCH DIAMETER SANITARY SEWER, PIPEBURSTING	L.F.	680.000	0.000	465.000	465.000	68%	\$51.70	\$24,040.50
103. 10-INCH DIAMETER SANITARY SEWER, PVC PIPE (2)	L.F.	1135.000	0.000	1135.000	1135.000	100%	\$29.50	\$33,482.50
104. 10-INCH DIAMETER SANITARY SEWER. 150 PSI DUCTILE IRON PIPE	L.F.	60.000	0.000	0.000	0.000	0%	\$86.20	\$0.00
105. 8-INCH DIAMETER SANITARY SEWER, PVC PIPE	L.F.	546.000	0.000	62.000	62.000	11%	\$27.30	\$1,692.60
106. 12-INCH DIAMETER SANITARY SEWER, PVC PIPE	L.F.	63.000	0.000	63.000	63.000	100%	\$50.40	\$3,175.20
107. 36-INCH DIAMETER SANITARY SEWER, CURED IN-PLACE PIPE	L.F.	587.000	0.000	453.000	453.000	77%	\$265.00	\$120,045.00
108. 6-INCH PVC SANITARY SEWER LEAD SDR 26, COMPLETE IN PLACE	L.F.	31.000	0.000	31.000	31.000	100%	\$27.40	\$849.40
109. ADJUST EXISTING MANHOLE TO PROPOSED, GRADE	EA.	1.000	0.000	0.000	0.000	0%	\$165.00	\$0.00
110. TRENCH SAFETY SYSTEM FOR SANITARY SEWERS (5'-10' DEEP)	L.F.	1252.000	0.000	237.000	237.000	19%	\$0.50	\$118.50
111. TRENCH SAFETY SYSTEM FOR SANITARY SEWERS (10'-15' DEEP)	L.F.	63.000	0.000	63.000	63.000	100%	\$3.00	\$189.00
112. TV INSPECTION FOR 8" SANITARY SEWER	L.F.	423.000	0.000	423.000	423.000	100%	\$2.20	\$930.60
8 - WATER ITEMS								
113. 6-INCH DIAMETER AWWA C900 WATER MAIN BY OPEN-CUT, INCLUDING FITTINGS, GATE VALVES AND BOXES	L.F.	589.000	0.000	589.000	589.000	100%	\$36.00	\$21,204.00
113A. 6-INCH DIAMETER AWWA C900 WATER MAIN BY OPEN-CUT WITH RESTRAINED JOINTS, INCLUDING FITTINGS, GATE VALVES AND BOXES	L.F.	99.000	36.000	20.000	56.000	57%	\$55.00	\$3,080.00
114. 8-INCH DIAMETER AWWA C900 WATER MAIN BY OPEN-CUT, INCLUDING FITTINGS, GATE VALVES AND BOXES	L.F.	864.000	0.000	837.000	837.000	97%	\$36.00	\$30,132.00

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CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	

PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
8 - WATER ITEMS (CONTINUED)								
115. 12-INCH DIAMETER AWWA C900 WATER MAIN BY OPEN-CUT, INCLUDING FITTINGS, GATE VALVES AND BOXES (2)	L.F.	3538.000	0.000	3394.000	3394.000	96%	\$52.70	\$178,863.80
116. 12-INCH DIAMETER AWWA C900 WATER MAIN BY OPEN-CUT WITH RESTRAINED JOINTS, INCLUDING FITTINGS, GATE VALVES AND BOXES (2)	L.F.	1103.000	0.000	704.000	704.000	64%	\$67.90	\$47,801.60
117. 12-INCH DIAMETER WELDED STEEL WATER MAIN BY AERIAL CROSSING	L.F.	218.000	0.000	218.000	218.000	100%	\$183.00	\$39,894.00
118. 3/4-INCH TO 1/INCH DIAMETER COPPER SERVICE LINE WITH METER BOX, SHORT SIDE	EA.	5.000	0.000	3.000	3.000	60%	\$415.00	\$1,245.00
119. 3/4-INCH TO 1/INCH DIAMETER COPPER SERVICE LINE WITH METER BOX, LONG SIDE	EA.	7.000	0.000	7.000	7.000	100%	\$700.00	\$4,900.00
120. 1-1/2-INCH TO 2-INCH DIAMETER COPPER SERVICE LINE WITH METER BOX, SHORT SIDE	EA.	18.000	0.000	7.000	7.000	39%	\$825.00	\$5,775.00
121. 1-1/2-INCH TO 2-INCH DIAMETER COPPER SERVICE LINE WITH METER BOX, LONG SIDE	EA.	11.000	0.000	2.000	2.000	18%	\$1,320.00	\$2,640.00
122. FIRE HYDRANT ASSEMBLY, ALL DEPTHS, INCLUDING 6-INCH DIAMETER GATE VALVE AND BOX	EA.	20.000	0.000	18.000	18.000	90%	\$2,752.00	\$49,536.00
123. 6-INCH DIAMETER FIRE HYDRANT LEAD BY OPEN-CUT	L.F.	495.000	0.000	226.000	226.000	46%	\$20.00	\$4,520.00
124. RAISED PAVEMENT MARKERS, BLUE TYPE II (REFLECTORIZED) (FIRE HYDRANT INDICATORS)	EA.	20.000	0.000	0.000	0.000	0%	\$3.30	\$0.00
125. 12-INCH WET CONNECTION	EA.	5.000	0.000	1.000	1.000	20%	\$730.00	\$730.00
126. 8-INCH WET CONNECTION	EA.	10.000	0.000	6.000	6.000	60%	\$624.00	\$3,744.00
127. 6-INCH WET CONNECTION	EA.	8.000	0.000	8.000	8.000	100%	\$460.00	\$3,680.00
127A. 12-INCH X 6-INCH TAPPING SLEEVE & VALVE (2)	EA.	3.000	0.000	3.000	3.000	100%	\$4,160.00	\$12,480.00
128. 12-INCH X 24-INCH TAPPING SLEEVE & VALVE	EA.	1.000	0.000	1.000	1.000	100%	\$7,400.00	\$7,400.00

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CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
8 - WATER ITEMS (CONTINUED)								
130. 2-INCH DIAMETER AIR RELEASE VALVE FOR 12-INCH WATERLINE AERIAL CROSSING	EA.	1.000	1.000	0.000	1.000	100%	\$861.00	\$861.00
131. ADJUST EXISTING METER BOX TO NEW GRADE	EA.	25.000	0.000	2.000	2.000	8%	\$57.00	\$114.00
132. TRENCH SAFETY SYSTEM FOR WATERLINES (ALL DEPTHS)	L.F.	6373.000	36.000	5911.000	5947.000	93%	\$0.20	\$1,189.40
9 - SIGNAGE AND STRIPING TRAFFIC ITEMS								
133. THERMOPLASTIC PAVEMENT MARKING (4" WIDE) YELLOW-SOLID	L.F.	6729.000	0.000	0.000	0.000	0%	\$0.40	\$0.00
134. THERMOPLASTIC PAVEMENT MARKING (4" WIDE) YELLOW BROKEN	L.F.	1305.000	0.000	0.000	0.000	0%	\$0.40	\$0.00
135. THERMOPLASTIC PAVEMENT MARKING (4" WIDE) WHITE/BLACK-BROKEN	L.F.	4470.000	0.000	0.000	0.000	0%	\$0.40	\$0.00
135A. THERMOPLASTIC PAVEMENT MARKING (4" WIDE) WHITE-BROKEN (CAT TRACK)	L.F.	145.000	0.000	0.000	0.000	0%	\$1.10	\$0.00
135B. THERMOPLASTIC PAVEMENT MARKING (4" WIDE) DOUBLE YELLOW-SOLID	L.F.	1705.000	0.000	0.000	0.000	0%	\$0.60	\$0.00
136. THERMOPLASTIC PAVMENT MARKING (8" WIDE) WHITE-SOLID	L.F.	1430.000	0.000	0.000	0.000	0%	\$0.80	\$0.00
137. THERMOPLASTIC PAVEMENT MARKING (12" WIDE) WHITE-SOLID	L.F.	2859.000	0.000	0.000	0.000	0%	\$2.60	\$0.00
138. THERMOPLASTIC PAVEMENT MARKING (24" WIDE) WHITE-SOLID	L.F.	688.000	0.000	0.000	0.000	0%	\$4.70	\$0.00
139. THERMOPLASTIC PAVEMENT MARKING (24" WIDE) YELLOW-SOLID	L.F.	110.000	0.000	0.000	0.000	0%	\$4.70	\$0.00
140. PREFABRICATED PAVEMENT MARKING TURNING ARROWS	EA.	13.000	0.000	0.000	0.000	0%	\$253.00	\$0.00
141. PREFABRICATED PAVEMENT MARKINGS ELONGATED WORD "ONLY"	EA.	13.000	0.000	0.000	0.000	0%	\$297.00	\$0.00
142. TRAFFIC SIGNS (DIAMOND GRADE) INCLUDING POST	EA.	22.000	0.000	0.000	0.000	0%	\$247.50	\$0.00
143. SOLVENT BASED PAINT, YELLOW, AT NOSE/CURB OF MEDIAN AND MOUNTABLE CURB	L.F.	706.000	0.000	0.000	0.000	0%	\$1.40	\$0.00

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CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	

PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
9 - SIGNAGE AND STRIPING TRAFFIC ITEMS (CONTINUED)								
144. RAISED PAVEMENT MARKERS, WHITE TYPE II C-R (REFLECTORIZED)	EA.	437.000	0.000	0.000	0.000	0%	\$3.50	\$0.00
146. RAISED PAVEMENT MARKERS, WHITE (NON-REFLECTORIZED)	EA.	143.000	0.000	143.000	143.000	100%	\$3.40	\$486.20
147. RAISED PAVEMENT MARKERS, YELLOW (NON-REFLECTORIZED)	EA.	84.000	0.000	84.000	84.000	100%	\$3.40	\$285.60
10 - TRAFFIC SIGNALIZATION ITEMS (RICHEY AT SOUTHMORE)								
148. FURNISH AND INSTALL A TRAFFIC CONTROL SYSTEM COMPLETE IN PLACE, EXCLUDING ITEMS LISTED BELOW, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	L.S.	1.000	0.100	0.700	0.800	80%	\$32,700.00	\$26,160.00
149. FURNISH AND INSTALL A TRAFFIC SIGNAL CONTROLLER AND CABINET ASSEMBLY WITH CONFLICT MONITOR LOAD SWITCHES DETECTOR RACK WITH POWER SUPPLY, ETC, (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$21,700.00	\$0.00
150. FURNISH AND INSTALL PREEMPTION DETECTOR WITH CABLE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE	EA.	4.000	0.000	0.000	0.000	0%	\$2,857.00	\$0.00
151. FURNISH AND INSTALL MODEL 1881 CARD RACK CAGE (PER CITY OF PASADENA STANDARD), COMPLETE IN PLACE	EA.	1.000	0.000	0.000	0.000	0%	\$742.50	\$0.00
152. FURNISH AND INSTALL TOMAR MODEL 2140 OPTICAL SIGNAL PROCESSOR (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE	EA.	1.000	0.000	0.000	0.000	0%	\$4,207.00	\$0.00
153. FURNISH AND INSTALL FOUNDATION FOR A GROUND MOUNTED CABINET, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	1.000	1.000	100%	\$1,760.00	\$1,760.00

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CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	

PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
10 - TRAFFIC SIGNALIZATION ITEMS (RICHEY AT SOUTHMORE) (CONTINUED)								
154. FURNISH AND INSTALL MAST ARM POLE (LMA 50-100), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	2.000	0.000	2.000	2.000	100%	\$11,500.00	\$23,000.00
155. FURNISH AND INSTALL MAST ARM POLE (LMA 55-100), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	2.000	0.000	2.000	2.000	100%	\$12,400.00	\$24,800.00
156. FURNISH AND INSTALL REINFORCED CONCRETE POLE FOUNDATION (TYPE 48-A) AND ANCHOR BOLTS, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	VF	88.000	0.000	88.000	88.000	100%	\$341.00	\$30,008.00
157. FURNISH AND INSTALL AN ELECTRICAL SERVICE ASSEMBLY WITH METER, MAIN BREAKERS, DISCONNECT, LIGHTNING ARRESTOR AND PHOTOELECTRIC CELL, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$2,365.00	\$0.00
158. FURNISH AND INSTALL ONE-WAY, 3-SECTION, 12" HORIZONTAL (RAG) POLYCARBONATE SIGNAL HEAD, MAST ARM MOUNTED (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	8.000	0.000	0.000	0.000	0%	\$891.00	\$0.00
159. FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12" HORIZONTAL (<R<R<A<G) POLYCARBONATE SIGNAL HEAD, MAST ARM MOUNTED (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	5.000	0.000	0.000	0.000	0%	\$1,584.00	\$0.00

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CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
10 - TRAFFIC SIGNALIZATION ITEMS (RICHEY AT SOUTHMORE) (CONTINUED)								
160. FURNISH AND INSTALL ONE-WAY, TWO INDICATIONS, ONE-SECTION 12" PEDESTRIAN SIGNAL HEAD (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	10.000	0.000	0.000	0.000	0%	\$544.50	\$0.00
161. FURNISH AND INSTALL PEDESTRIAN SIGNAL PUSH BUTTON AND SIGN ASSEMBLY (5" X 7 3/4"), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	9.000	0.000	0.000	0.000	0%	\$348.00	\$0.00
162. FURNISH AND INSTALL 15' PEDESTAL POLE, INCLUDING CONCRETE FOUNDATION, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$1,100.00	\$0.00
163. FURNISH AND INSTALL VIDEO DETECTION SYSTEM, INCLUDING CONTROL CABLE AND COAXIAL CABLE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS (RICHEY AT WEST SOUTHMORE)	EA.	1.000	0.000	0.000	0.000	0%	\$21,000.00	\$0.00
164. FURNISH AND INSTALL STREET NAME GUIDE SIGNS (VARIES X 18"), DIAMOND GRADE, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	4.000	0.000	0.000	0.000	0%	\$715.00	\$0.00
165. FURNISH AND INSTALL LANE USE CONTROL SIGN (R3-8L), DIAMOND GRADE, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$385.00	\$0.00
166. FURNISH AND INSTALL A SPREAD SPECTRUM RADIO SYSTEM WITH ANTENNA AND CABLE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$5,995.00	\$0.00
11 - TRAFFIC SIGNALIZATION ITMES (SOUTHMORE AVE. AT MAIN ST.)								

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COVERING PERIOD: 12/3/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/24/2010	WORK COMMENCED: 11/29/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
11 - TRAFFIC SIGNALIZATION ITMES (SOUTHMORE AVE. AT MAIN ST.) (CONTINUED)								
167. FURNISH AND INSTALL A TRAFFIC CONTROL SYSTEM, COMPLETE IN PLACE, EXCLUDING ITEMS LISTED BELOW, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	L.S.	1.000	0.100	0.500	0.600	60%	\$27,600.00	\$16,560.00
168. FURNISH AND INSTALL A TRAFFIC SIGNAL CONTROLLER AND CABINET ASSEMBLY WITH CONFLICT MONITOR, LOAD SWITCHES DETECTOR RACK WITH POWER SUPPLY, ETC. (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$21,725.00	\$0.00
169. FURNISH AND INSTALL PREEMPTION DETECTOR WITH CABLE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE	EA.	3.000	0.000	0.000	0.000	0%	\$3,050.00	\$0.00
170. FURNISH AND INSTALL MODEL 1881 CARD RACK CAGE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE	EA.	1.000	0.000	0.000	0.000	0%	\$742.50	\$0.00
171. FURNISH AND INSTALL TOMAR MODEL 2140 OPTICAL SIGNAL PROCESSOR OR EQUAL (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE	EA.	1.000	0.000	0.000	0.000	0%	\$4,207.00	\$0.00
172. FURNISH AND INSTALL FOUNDATION FOR A GROUND MOUNTED CABINET, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	1.000	1.000	100%	\$1,760.00	\$1,760.00
173. FURNISH AND INSTALL MAST ARM POLE (SMA 40-100), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	2.000	0.000	2.000	2.000	100%	\$6,875.00	\$13,750.00
174. FURNISH AND INSTALL MAST ARM POLE (SMA 44-100), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	1.000	1.000	100%	\$7,000.00	\$7,000.00

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

ESTIMATE NO: 13

This Estimate Date: 1/12/2012

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COVERING PERIOD: 12/3/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/24/2010	WORK COMMENCED: 11/29/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
11 - TRAFFIC SIGNALIZATION ITMES (SOUTHMORE AVE. AT MAIN ST.) (CONTINUED)								
175. FURNISH AND INSTALL REINFORCED CONCRETE POLE FOUNDATION (TYPE 36-B) AND ANCHOR BOLTS, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	VF	45.600	0.000	45.600	45.600	100%	\$286.00	\$13,041.60
176. FURNISH AND INSTALL AN ELECTRICAL SERVICE ASSEMBLY WITH METER, MAIN BREAKERS, DISCONNECT, LIGHTNING ARRESTOR AND PHOTOELECTRIC CELL, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$2,365.00	\$0.00
177. FURNISH AND INSTALL ONE-WAY, 3-SECTION, 12" HORIZONTAL (RAG) POLYCARBONATE SIGNAL HEAD, MAST ARM MOUNTED (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	7.000	0.000	0.000	0.000	0%	\$891.00	\$0.00
178. FURNISH AND INSTALL ONE-WAY, 5-SECTION, 12" HORIZONTAL (RA<A<GG) POLYCARBONATE SIGNAL HEAD, MAST ARM MOUNTED (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$1,892.00	\$0.00
179. FURNISH AND INSTALL ONE-WAY, TWO INDICATIONS, ONE-SECTION 12" PEDESTRIAN SIGNAL HEAD (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	8.000	0.000	0.000	0.000	0%	\$544.50	\$0.00
180. FURNISH AND INSTALL PEDESTRIAN SIGNAL PUSH BUTTON AND SIGN ASSEMBLY (5" X 7 3/4"), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	8.000	0.000	0.000	0.000	0%	\$348.00	\$0.00

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

ESTIMATE NO: 13

This Estimate Date: 1/12/2012

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COVERING PERIOD: 12/3/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/24/2010	WORK COMMENCED: 11/29/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	

PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
11 - TRAFFIC SIGNALIZATION ITMES (SOUTHMORE AVE. AT MAIN ST.) (CONTINUED)								
181. FURNISH AND INSTALL 15' PEDESTAL POLE, INCLUDING CONCRETE FOUNDATION, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$1,100.00	\$0.00
182. FURNISH AND INSTALL VIDEO DETECTION SYSTEM, INCLUDING CONTROL CABLE AND COAXIAL CABLE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$21,175.00	\$0.00
183. FURNISH AND INSTALL STREET NAME GUIDE SIGNS (VARIES X 18"), DIAMOND GRADE, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	3.000	0.000	0.000	0.000	0%	\$715.00	\$0.00
184. FURNISH AND INSTALL "LEFT TURN YIELD ON GREEN BALL" SIGN (R10-12), DIAMOND GRADE, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$275.00	\$0.00
185. FURNISH AND INSTALL A SPREAD SPECTRUM RADIO SYSTEM WITH ANTENNA AND CABLE (PER CITY OF PASADENA STANDARDS), COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	1.000	0.000	0.000	0.000	0%	\$6,000.00	\$0.00
12 - TRAFFIC CONTROL SYSTEMS								
186. TRAFFIC CONTROL	MO	16.000	1.000	10.000	11.000	69%	\$3,000.00	\$33,000.00
187. TEMPORARY SIGNAL AT SOUTHMORE AND RICHEY	L.S.	1.000	0.000	1.000	1.000	100%	\$79,000.00	\$79,000.00
188. TEMPORARY SIGNAL AT SOUTHMORE AND MAIN	L.S.	1.000	0.000	1.000	1.000	100%	\$69,000.00	\$69,000.00
189. TEMPORARY COMMERCIAL DRIVE	EA.	97.000	0.000	97.000	97.000	100%	\$500.00	\$48,500.00
190. INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE PAVEMENT MARKINGS (4" WIDE) YELLOW SOLID	L.F.	23830.000	3092.000	20623.000	23715.000	100%	\$0.60	\$14,229.00

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

ESTIMATE NO: 13

This Estimate Date: 1/12/2012

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COVERING PERIOD: 12/3/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/24/2010	WORK COMMENCED: 11/29/2010
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DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
12 - TRAFFIC CONTROL SYSTEMS (CONTINUED)								
191. INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE PAVEMENT MARKINGS (4" WIDE) WHITE SOLID	L.F.	19751.000	1623.000	14612.000	16235.000	82%	\$0.60	\$9,741.00
192. INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE PAVEMENT MARKINGS (8" WIDE) WHITE SOLID	L.F.	1523.000	0.000	1523.000	1523.000	100%	\$1.20	\$1,827.60
193. INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE PAVEMENT MARKINGS (4" WIDE) WHITE "CAT TRACK"	L.F.	440.000	0.000	106.000	106.000	24%	\$1.40	\$148.40
194. INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE PAVEMENT MARKINGS (24" WIDE) WHITE STOP BAR	L.F.	405.000	22.000	135.000	157.000	39%	\$3.10	\$486.70
194A. INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE PAVEMENT MARKINGS WHITE ARROW	EA.	39.000	0.000	35.000	35.000	90%	\$154.00	\$5,390.00
195. INSTALLATION AND REMOVAL OF TEMPORARY BRICK PLUG FOR 60-INCH STORM SEWER	EA.	2.000	0.000	0.000	0.000	0%	\$651.00	\$0.00
197. INSTALLATION, MAINTENANCE, AND REMOVAL OF 6-INCH BLACK BASE FOR TEMPORARY PAVING	TON	279.000	0.000	279.000	279.000	100%	\$79.00	\$22,041.00
198. INSTALLATION, MAINTENANCE, AND REMOVAL OF 2 INCH TYPE "D" HOT MIX ASPHALTIC CONCRETE (HMAC) SURFACE COURSE FOR TEMPORARY PAVING	TON	56.000	0.000	56.000	56.000	100%	\$91.00	\$5,096.00
13 - STORM WATER POLLUTION PREVENTION PLAN								
199. SODDING	S.Y.	6105.000	2550.445	0.000	2550.445	42%	\$2.80	\$7,141.25
200. REINFORCED FILTER FABRIC BARRIER (COMPLETE AND IN PLACE)	L.F.	78.000	0.000	78.000	78.000	100%	\$1.20	\$93.60
201. STAGE I INLET PROTECTION BARRIER (COMPLETE AND IN PLACE)	EA.	64.000	36.000	6.000	42.000	66%	\$43.00	\$1,806.00

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

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MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MAR CON SERVICES LLC	PERCENT COMPLETE THIS ESTIMATE: 79.57	
PROJECT NAME: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS - PRECINCT 2		

DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
13 - STORM WATER POLLUTION PREVENTION PLAN (CONTINUED)								
202. STABILIZED CONSTRUCTION ACCESS	S.Y.	534.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
203. STAGE II INLET PROTECTION BARRIER (COMPLETE AND IN PLACE)	L.F.	62.000	0.000	0.000	0.000	0%	\$5.50	\$0.00
204. TYPE 3 ROCK FILTER DAM	L.F.	112.000	0.000	91.000	91.000	81%	\$46.00	\$4,186.00
205. CONCRETE TRUCK WASHOUT STRUCTURE	L.S.	1.000	0.750	0.000	0.750	75%	\$1,155.00	\$866.25
206. TPDES GENERAL PERMIT NO. TXR150000; NOTICE OF INTENT (NOI) APPLICATION FEE (CONTRACTOR'S NOI)	EA.	2.000	0.000	2.000	2.000	100%	\$325.00	\$650.00
207. SWPPP INSPECTION AND MAINTENANCE	MO	16.000	0.000	16.000	16.000	100%	\$800.00	\$12,800.00
14 - EXTRA WORK ITEMS								
208. 7-INCH THICK CLASS "D" CONCRETE SEAL SLAB FOR STORM SEWER BEDDING	S.Y.	350.000	0.000	0.000	0.000	0%	\$25.00	\$0.00
209. EXTRA ROADWAY EXCAVATION AND OFFSITE DISPOSAL OF UNSUITABLE SOIL, COMPLETE AND IN PLACE	C.Y.	1500.000	0.000	0.000	0.000	0%	\$7.70	\$0.00
212. UNIFORMED PEACE OFFICER	HR	550.000	0.000	105.000	105.000	19%	\$25.00	\$2,625.00
213. WELL POINTING	L.F.	350.000	0.000	0.000	0.000	0%	\$15.00	\$0.00
214. REMOVAL AND DISPOSAL OF CONTAMINATED FLUIDS, INCLUDING FRAC TANK	Gal.	5000.000	0.000	0.000	0.000	0%	\$3.00	\$0.00
15 - CITY OF PASADENA EXTRA WORK ITEMS								
215. 8-INCH DIAMETER WATER LINE BY AUGERING	L.F.	200.000	0.000	0.000	0.000	0%	\$34.70	\$0.00
216. 12-INCH DIAMETER WATER LINE BY AUGERING	L.F.	200.000	0.000	0.000	0.000	0%	\$48.40	\$0.00
16 - ITEMS ASSOCIATED WITH CIC# 10/0139-1								
217. INSTALL TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF SHAVER AND SOUTHMORE	L.S.	1.000	0.000	1.000	1.000	100%	\$22,490.15	\$22,490.15

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

ESTIMATE NO: 13

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DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

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16 - ITEMS ASSOCIATED WITH CIC# 10/0139-1 (CONTINUED)								
218. INSTALL 8-INCH CHANNEL BOTTOM WITH SEAL SLAB AT VINCE BAYOU IN ACCORDANCE WITH HARRIS COUNTY FLOOD CONTROL DISTRICTS DETAILS	S.Y.	381.000	0.000	381.000	381.000	100%	\$96.45	\$36,747.45
219. INSTALL BRICK PLUGS FOR THE EXISTING 4.5' X 4.5' CAST-IN-PLACE BOX	EA.	10.000	0.000	10.000	10.000	100%	\$871.00	\$8,710.00
17 - ITEMS ASSOCIATED WITH CIC# 10/0139-2								
220. RECONNECT 4" SANITARY SEWER SERVICE LINES TO THE MAIN LINES INCLUDING CLEANOUT, LABOR, EQUIPMENTS AND MATERIAL	L.S.	1.000	0.000	1.000	1.000	100%	\$11,804.75	\$11,804.75
221. DEMOLITION OF BRIDGE DECK ON VINCE BAYOU AND ADDITIONAL NEW DECK SLAB CONCRETE	LS	1.000	0.000	1.000	1.000	100%	\$9,945.06	\$9,945.06
222. REMOVAL OF THE ABANDON CENTER POINT LIGHT POLE CONCRETE FOUNDATIONS (RFI NO .13.2)	EA	10.000	0.000	10.000	10.000	100%	\$387.72	\$3,877.20
223. TYING PROPOSED STORM SEWER 60" RCP TO EXISTING STORM SEWER 60" RCP USING CONCRETE COLLARS, INSTALL MANHOLE ON EXITING TYPE "BB" INLET AN DNEW TYPE "A" INLET FOR BIRD STREET (RFI NO. 16 AND 16.1)	LS	1.000	0.000	1.000	1.000	100%	\$5,834.70	\$5,834.70
224. REMOVAL OF 6' X 13' JUNCTION BOX FOR BIRD STREET AT STA. 12+27(RFI NO. 19)	LS	1.000	0.000	1.000	1.000	100%	\$2,331.34	\$2,331.34
225. FURNISH AND INSTALL 24" STORM SEWER PIPE FOR BIRD STREET (RFI NO. 26.1)	L.F.	138.000	0.000	138.000	138.000	100%	\$58.70	\$8,100.60
226. REMOVE AND REPLACE TYPE "D" HMAC FOR BIRD STREET (RFI NO. 26.1)	S.Y.	184.000	0.000	184.000	184.000	100%	\$26.90	\$4,949.60
227. REMOVE INLET FOR BIRD STREET (RFI NO. 26.1)	EA	2.000	0.000	2.000	2.000	100%	\$323.80	\$647.60
228. REMOVE AND REPLACE CONCRETE PAVEMENT FOR BIRD STREET (RFI NO. 26.1)	S.Y.	26.000	0.000	26.000	26.000	100%	\$138.90	\$3,611.40

Partial for Road and Bridge Project 1215

Unit of Measure Pay Estimate

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DESCRIPTION: SOUTHMORE AVENUE PAVING AND DRAINAGE IMPROVEMENTS FROM 500' WEST OF RICHEY STREET TO 250' EAST OF JOHNSON STREET - PRECINCT 2

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17 - ITEMS ASSOCIATED WITH CIC# 10/0139-2 (CONTINUED)								
229. TRENCH SAFETY FOR BIRD STREET (RFI NO. 26.1)	L.F.	138.000	0.000	138.000	138.000	100%	\$0.90	\$124.20
230. FURNISH AND INSTALL TYPE "A" INLET FOR BIRD STREET (RFI NO. 26.1)	EA	2.000	0.000	2.000	2.000	100%	\$2,766.10	\$5,532.20
231. REMOVE PIPE FOR BIRD STREET (RFI NO. 26.1)	L.F.	28.000	0.000	28.000	28.000	100%	\$5.30	\$148.40

Partial for Road and Bridge Project 1215

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PURCHASE ORDER NO.: P178292 JOB NO: 10/0139

Fund \$ _____ Fund \$ _____ Fund \$ _____ _____ County Auditor/Date	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Total amount of work done to-date</td> <td style="width: 10%;"></td> <td style="width: 20%; text-align: right;">\$5,217,642.39</td> </tr> <tr> <td>Amount Retained (5%)</td> <td style="text-align: right;">\$260,882.12</td> <td></td> </tr> <tr> <td>Previous payments</td> <td style="text-align: right;">\$4,821,132.15</td> <td></td> </tr> <tr> <td>Damages and items in contract not performed</td> <td style="text-align: right;">\$0.00</td> <td></td> </tr> <tr> <td>Total deductions</td> <td style="text-align: right;">\$5,082,014.27</td> <td style="text-align: right;">\$5,082,014.27</td> </tr> <tr> <td>Amount due for payment</td> <td></td> <td style="text-align: right; border: 1px solid black;">\$135,628.12</td> </tr> </table>	Total amount of work done to-date		\$5,217,642.39	Amount Retained (5%)	\$260,882.12		Previous payments	\$4,821,132.15		Damages and items in contract not performed	\$0.00		Total deductions	\$5,082,014.27	\$5,082,014.27	Amount due for payment		\$135,628.12
Total amount of work done to-date		\$5,217,642.39																	
Amount Retained (5%)	\$260,882.12																		
Previous payments	\$4,821,132.15																		
Damages and items in contract not performed	\$0.00																		
Total deductions	\$5,082,014.27	\$5,082,014.27																	
Amount due for payment		\$135,628.12																	

This estimate contains no payment for stored material
 This estimate contains payment for stored materials. Exact quantity of stored material is itemized on attached "Stored Material Form" Supporting documentation is also attached.

Number of Inclement Weather Days This Period: 2
 Number of Inclement Weather Days to Date: 23

Approvals

 Architect/Engineer in Charge/Date

 Director or Designee/Date

Total Calendar Days Allowed By Contract (480 + 35)	515	
Total Calendar Days Used To Beginning of Period	369 + 0	S.C
Calendar Days Used This Period	29 + 0	S.C
Total Calendar Days Used At End Of This Period	398 + 0	S.C
Balance Of Calendar Days Allowed Under Contract	117	

Original Days: 480	Original Amount: \$6,388,862.44
Change in Contracts	
35 Days and \$56,697.60	Added by No. 10/0139-1 (1)
0 Days and \$111,914.55	Added by No. 10/0139-2 (2)
Total Contract Days: 515	Total Contract Amount: \$6,557,474.5

DAMAGES			
Liq. Damages per Day:	\$0.00	for	0 Days This Estimate
Total Liq. Damages:	\$0.00	for	0 Days Total Project
Non-Liquidated Damages this Estimate:	\$0.00		
Total Non-Liquidated Damages:	\$0.00		

DAMAGES DESCRIPTION

audited by _____
 date audit completed _____
 comments _____

The below named Project Manager certifies that the work has progressed as above and complies with the contract documents.

Project Manager _____ Date _____