

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 1 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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								
1. PLACE, MAINTAIN AND REMOVE PROJECT SIGN	EA	2.000	0.000	2.000	2.000	100%	\$800.00	\$1,600.00
2. PLACE, MAINTAIN AND REMOVE METRO PROJECT SIGN	EA	2.000	0.000	2.000	2.000	100%	\$800.00	\$1,600.00
3. CLEARING AND GRUBBING	STA.	93.000	6.960	73.040	80.000	86%	\$4,300.00	\$344,000.00
4. REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT	S.Y.	1270.000	0.000	1270.000	1270.000	100%	\$4.00	\$5,080.00
5. ROADWAY EXCAVATION WITH 3" STRIPPING	C.Y.	17870.000	3098.090	4857.370	7955.460	45%	\$20.00	\$159,109.20
6. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL SIZES)	L.F.	3850.000	0.000	339.000	339.000	9%	\$5.00	\$1,695.00
7. REMOVE AND DISPOSE OF OLD STRUCTURES (INLETS, MHs, SETs)	EA	17.000	0.000	1.000	1.000	6%	\$100.00	\$100.00
8. REMOVE AND RELOCATE TRAFFIC SIGNS, MAIL BOXES AND ROADWAY SIGNS	L.S.	1.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
9. REMOVE AND DISPOSE EXISTING ASPHALTIC SURFACE AND BASE MATERIAL (ALL DEPTHS)	S.Y.	25470.000	0.000	5726.050	5726.050	22%	\$1.00	\$5,726.05
10. REMOVE AND DISPOSE EXISTING FENCE (ALL TYPES)	L.F.	200.000	0.000	200.000	200.000	100%	\$1.00	\$200.00
2 - PAVING								
11. HYDRATED LIME (SLURRY) OR COMMERCIAL LIME SLURRY (2% BY DRY WEIGHT)	TON	284.700	0.000	0.000	0.000	0%	\$150.00	\$0.00
12. FLY ASH FOR STABILIZED SUBGRADE (8% BY DRY WEIGHT)	TON	1138.800	0.000	0.000	0.000	0%	\$55.00	\$0.00
13. LIME-FLY ASH STABILIZED SUBGRADE (6" DEPTH)	S.Y.	56935.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
14. HOT MIX - HOT LAID ASPHALTIC CONCRETE - BASE COURSE (BLACK BASE) (8")	TON	1540.000	0.000	0.000	0.000	0%	\$62.00	\$0.00
15. TACK COAT (0.15 GAL/SY)	Gal.	525.000	130.000	100.000	230.000	44%	\$2.00	\$460.00
16. PRIME COAT/ SEALER (0.3 GAL/SY)	Gal.	1050.000	0.000	0.000	0.000	0%	\$2.00	\$0.00
17. HOT MIX - HOT LAID ASPHALTIC CONCRETE - SURFACE COURSE (2")	TON	385.000	0.000	0.000	0.000	0%	\$90.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 2 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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
------	-----------------	----------------------------	--	--	---	------------------	----------------	--------

2 - PAVING (CONTINUED)

18. 10" REINFORCED CONCRETE PAVEMENT, INCLUDING APPURTENANCES	S.Y.	49822.000	0.000	0.000	0.000	0%	\$32.00	\$0.00
19. 10" REINFORCED CONCRETE PAVEMENT (HIGH STRENGTH)	S.Y.	4850.000	0.000	0.000	0.000	0%	\$38.00	\$0.00
20. CEMENT STABILIZED SAND BASE FOR HIGH STRENGTH CONCRETE (6" DEPTH)	S.Y.	5101.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
21. FLEX BEAM GUARDRAIL INCLUDING MOWING STRIP	L.F.	50.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
22. FLEX BEAM GUARDRAIL TERMINAL ANCHOR SECTION INCLUDING MOWING STRIP	EA	2.000	0.000	0.000	0.000	0%	\$1,000.00	\$0.00
23. FLEX BEAM GUARDRAIL TERMINAL CONNECTOR	EA	2.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
24. 10" REINFORCED CONCRETE DRIVEWAYS, INCLUDING APPURTENCES	S.Y.	2375.000	0.000	0.000	0.000	0%	\$35.00	\$0.00
25. REINFORCED CONCRETE CURB (6")	L.F.	33450.000	0.000	0.000	0.000	0%	\$2.00	\$0.00
26. REINFORCED CONCRETE CURB (DOWELED)	L.F.	155.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
27. CURB RAMP	S.Y.	175.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
28. 6-INCH REINFORCED CONCRETE MEDIAN NOSES	S.Y.	230.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
29. COLORING CONCRETE MEDIAN NOSES (BLACK)	S.Y.	230.000	0.000	0.000	0.000	0%	\$1.00	\$0.00

3 - STORM SEWER

30. JUNCTION BOX WITH MANHOLE ON TOP	EA	1.000	0.000	0.000	0.000	0%	\$7,500.00	\$0.00
31. TRENCH SAFETY SYSTEM (5' TO 10')	L.F.	6693.000	443.000	64.000	507.000	8%	\$1.00	\$507.00
32. TRENCH SAFETY SYSTEM (10' TO 15')	L.F.	5811.000	2083.000	1091.000	3174.000	55%	\$1.00	\$3,174.00
33. TIMBER BENT FOR 60" CMP	EA	1.000	0.000	1.000	1.000	100%	\$1,000.00	\$1,000.00
34. FURNISH AND INSTALL 18" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	60.000	0.000	0.000	0.000	0%	\$50.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 3 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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
3 - STORM SEWER (CONTINUED)								
35. FURNISH AND INSTALL 24" RCP (ASTM C76, CLAS III) (RUBBER GASKETED)	L.F.	3139.000	369.000	92.000	461.000	15%	\$50.00	\$23,050.00
36. FURNISH AND INSTALL 30" RCP (ASTM C76, CLAS III) (RUBBER GASKETED)	L.F.	1523.000	0.000	0.000	0.000	0%	\$58.00	\$0.00
37. FURNISH AND INSTALL 36" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	602.000	40.000	0.000	40.000	7%	\$77.00	\$3,080.00
38. FURNISH AND INSTALL 42" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	832.000	0.000	0.000	0.000	0%	\$92.00	\$0.00
39. FURNISH AND INSTALL 48" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	482.000	0.000	0.000	0.000	0%	\$104.00	\$0.00
40. FURNISH AND INSTALL 54" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	1202.000	0.000	0.000	0.000	0%	\$141.00	\$0.00
41. FURNISH AND INSTALL 60" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	709.000	0.000	136.000	136.000	19%	\$160.00	\$21,760.00
42. FURNISH AND INSTALL 66" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	888.000	320.000	0.000	320.000	36%	\$192.00	\$61,440.00
43. FURNISH AND INSTALL 78" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	2534.000	1712.000	800.000	2512.000	99%	\$255.00	\$640,560.00
44. FURNISH AND INSTALL CORRUGATED METAL PIPE (60") (PRE-COATED) (GALVANIZED) (16 GAUGE)	L.F.	54.000	0.000	54.000	54.000	100%	\$130.00	\$7,020.00
45. FURNISH AND INSTALL CORRUGATED METAL PIPE (78") (PRE-COATED) (GALVANIZED) (16 GAUGE)	L.F.	69.000	0.000	69.000	69.000	100%	\$170.00	\$11,730.00
46. SET (TYPE II) (24") (RCP) (6:1) (P) WITH PIPE RUNNERS	EA	5.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
47. SET (TYPE II) (30") (RCP) (6:1) (P) WITH PIPE RUNNERS	EA	5.000	0.000	0.000	0.000	0%	\$2,000.00	\$0.00
48. SET (TYPE II) (36") (RCP) (6:1) (P) WITH PIPE RUNNERS	EA	1.000	0.000	0.000	0.000	0%	\$3,000.00	\$0.00
49. SET (TYPE II) (42") (RCP) (6:1) (P) WITH PIPE RUNNERS	EA	1.000	0.000	0.000	0.000	0%	\$3,500.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 4 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: SKINNER ROAD - PRECINCT 3

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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
3 - STORM SEWER (CONTINUED)								
50. PRECAST CONCRETE MANHOLE (DEPTH 5' - 10') WITH TYPE A INLET ON TOP	EA	4.000	0.000	2.000	2.000	50%	\$3,500.00	\$7,000.00
51. SHALLOW PRECAST CONCRETE MANHOLES (DEPTH 0' - 5')	EA	1.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
52. STANDARD PRECAST CONCRETE MANHOLES (DEPTH 5' - 10')	EA	31.000	1.000	1.000	2.000	6%	\$3,200.00	\$6,400.00
53. EXTRA DEPTH PRECAST CONCRETE MANHOLES (DEPTH GREATER THAN 10')	EA	25.000	11.000	3.000	14.000	56%	\$4,500.00	\$63,000.00
54. MANHOLE ON BOX CULVERT	EA	1.000	0.000	0.000	0.000	0%	\$1,000.00	\$0.00
55. INLETS (TYPE B-B) (STANDARD)	EA	17.000	5.000	1.000	6.000	35%	\$2,500.00	\$15,000.00
56. INLETS (MODIFIED TYPE B-B) (STANDARD)	EA	31.000	1.000	1.000	2.000	6%	\$2,800.00	\$5,600.00
57. INLETS (TYPE A) (STANDARD)	EA	1.000	0.000	0.000	0.000	0%	\$2,000.00	\$0.00
58. INLETS (TYPE A) (MODIFIED) (WITH CONCRETE APRON)	EA	27.000	0.000	1.000	1.000	4%	\$2,000.00	\$2,000.00
59. ADJUST EXISTING INLET	EA	1.000	0.000	0.000	0.000	0%	\$1,000.00	\$0.00
60. FURNISH AND INSTALL PRECAST RCB (5' X 4') (ASTM C1433)	L.F.	413.000	0.000	0.000	0.000	0%	\$200.00	\$0.00
61. REINFORCED CONCRETE SLOPE PAVING (5")	S.Y.	25.000	25.000	0.000	25.000	100%	\$100.00	\$2,500.00
62. RIPRAP - GRADATION NO. 1 (MIN 18")	S.Y.	750.000	0.000	0.000	0.000	0%	\$35.00	\$0.00
4 - TRAFFIC CONTROL PLAN								
63. WORK ZONE PAVEMENT MARKINGS - REMOVABLE (ALL TYPES)	L.F.	79800.000	25831.000	11323.000	37154.000	47%	\$0.10	\$3,715.40
64. WORK ZONE PAVEMENT MARKINGS - REMOVABLE "ONLY"	EA	5.000	0.000	0.000	0.000	0%	\$110.00	\$0.00
65. WORK ZONE PAVEMENT MARKINGS - REMOVABLE (ARROW)	EA	5.000	0.000	0.000	0.000	0%	\$110.00	\$0.00
66. TRAFFIC CONTROL - BARRICADES, BARRIERS, BARRELS, CONES AND SIGNING	MO	11.000	1.000	1.680	2.680	24%	\$1,200.00	\$3,216.00
67. CONSTRUCTING DETOURS (6" BLACK BASE)	TON	8190.000	1474.500	2328.830	3803.330	46%	\$40.00	\$152,133.20

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 5 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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
4 - TRAFFIC CONTROL PLAN (CONTINUED)								
68. TEMPORARY COMMERCIAL DRIVEWAYS INCLUDING INSTALLATION, REMOVAL AND MAINTENANCE	EA	16.000	3.000	0.000	3.000	19%	\$100.00	\$300.00
69. TEMPORARY RESIDENTIAL DRIVEWAYS INCLUDING INSTALLATION, REMOVAL AND MAINTENANCE	EA	49.000	0.000	21.000	21.000	43%	\$100.00	\$2,100.00
70. LOW PROFILE CONCRETE BARRIER (FURNISH AND INSTALL)	L.F.	790.000	180.000	0.000	180.000	23%	\$10.00	\$1,800.00
71. LOW PROFILE CONCRETE BARRIER (RELOCATE)	L.F.	300.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
72. LOW PROFILE CONCRETE BARRIER (REMOVE)	L.F.	790.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
5 - SIGNING AND PAVEMENT MARKINGS								
73. FURNISH AND INSTALL ALUMINUM TRAFFIC SIGNS	EA	55.000	0.000	0.000	0.000	0%	\$280.00	\$0.00
74. DELINEATORS AND OBJECT MARKERS	EA	6.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
75. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (W) (4") (BRK)	L.F.	6200.000	0.000	0.000	0.000	0%	\$0.50	\$0.00
76. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (W) (4") (SLD)	L.F.	520.000	0.000	0.000	0.000	0%	\$0.50	\$0.00
77. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (W) (8") (SLD)	L.F.	1560.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
78. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (W) (12") (SLD)	L.F.	1370.000	0.000	0.000	0.000	0%	\$2.20	\$0.00
79. REFLECTORIZED PAVEMENT MARKINGS - TYPE (W) (24") (SLD)	L.F.	300.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
80. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (Y) (4") (SLD)	L.F.	4165.000	0.000	0.000	0.000	0%	\$0.50	\$0.00
81. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (Y) (24") (SLD)	L.F.	800.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
82. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (W) "ONLY"	EA	14.000	0.000	0.000	0.000	0%	\$110.00	\$0.00
83. REFLECTORIZED PAVEMENT MARKINGS - TYPE I (W) (ARROW)	EA	14.000	0.000	0.000	0.000	0%	\$110.00	\$0.00
84. PAINT CURB AT MEDIAN NOSE (YELLOW)	L.F.	4370.000	0.000	0.000	0.000	0%	\$1.10	\$0.00
85. NON-REFLECTORIZED TRAFFIC BUTTON - WHITE	EA	312.000	0.000	0.000	0.000	0%	\$4.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 6 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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
5 - SIGNING AND PAVEMENT MARKINGS (CONTINUED)								
86. REFLECTORIZED PAVEMENT MARKERS, WHITE - TYPE II-C-R	EA	1120.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
87. NON-REFLECTORIZED TRAFFIC BUTTON - YELLOW	EA	138.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
88. REFLECTORIZED PAVEMENT MARKERS, YELLOW - TYPE II-AA	EA	238.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
89. BARRICADE (TYPE III)	EA	2.000	0.000	0.000	0.000	0%	\$750.00	\$0.00
6 - TRAFFIC SIGNAL								
90. FOUNDATION FOR TRAFFIC SIGNAL STRAIN POLES	VF	60.000	0.000	0.000	0.000	0%	\$200.00	\$0.00
91. STREET SIGNS, DIAMOND GRADE	EA	8.000	0.000	0.000	0.000	0%	\$400.00	\$0.00
92. 34' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA	4.000	0.000	0.000	0.000	0%	\$4,100.00	\$0.00
93. 400 WATT HPS LUMINAIRE ON 15' ARMS	EA	2.000	0.000	0.000	0.000	0%	\$1,200.00	\$0.00
94. TRAFFIC SIGNAL HEADS (RAG) (LED)	EA	8.000	0.000	0.000	0.000	0%	\$510.00	\$0.00
95. TRAFFIC SIGNAL HEADS (RRAG) (LED)	EA	4.000	0.000	0.000	0.000	0%	\$820.00	\$0.00
96. PEDESTRIAN SIGNAL HEAD (LED)	EA	8.000	0.000	0.000	0.000	0%	\$400.00	\$0.00
97. TRAFFIC SIGNAL INSTALLATION AT HUFFMEISTER	L.S.	1.000	0.000	0.000	0.000	0%	\$24,000.00	\$0.00
98. TRAFFIC SIGNAL MODIFICATION AT SPRING-CYPRES INCLUDING VIVDS CAMERAS	L.S.	1.000	0.000	0.000	0.000	0%	\$28,000.00	\$0.00
99. LOOP DETECTORS	L.F.	2240.000	0.000	0.000	0.000	0%	\$7.00	\$0.00
100. PEDESTRIAN PUSH BUTTON ASSEMBLY	EA	8.000	0.000	0.000	0.000	0%	\$230.00	\$0.00
101. METER LOOP WITH SERVICE WIRE AND ENCLOSURE, INCLUDING POLE AND FOUNDATION	EA	1.000	0.000	0.000	0.000	0%	\$4,000.00	\$0.00
102. GROUND MOUNTED CONTROLLER CABINET	EA	1.000	0.000	0.000	0.000	0%	\$17,000.00	\$0.00
103. CONTROLLER CABINET FOUNDATION	EA	1.000	0.000	0.000	0.000	0%	\$2,600.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 7 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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
6 - TRAFFIC SIGNAL (CONTINUED)								
104. ADVANCED TRANSPORTATION CONTROLLER (TYPE 2070L)	EA	1.000	0.000	0.000	0.000	0%	\$2,200.00	\$0.00
7 - STORM WATER POLLUTION PREVENTION PLAN								
105. BLOCK SODDING	S.Y.	9075.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
106. HYDRO-MULCH SEEDING FOR EROSION CONTROL AND FINAL STABILIZATION	ACRE	7.150	0.000	0.000	0.000	0%	\$100.00	\$0.00
107. FILTER FABRIC FENCE	L.F.	4200.000	0.000	2975.000	2975.000	71%	\$0.10	\$297.50
108. INLET PROTECTION BARRIER (STAGE I, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISHING AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	85.000	0.000	1.000	1.000	1%	\$10.00	\$10.00
109. STABILIZED CONSTRUCTION ACCESS (TYPE 1 - ROCK; 60% OF UNIT COST FOR FURNISHING AND INSTALLATION; AND 40% OF UNIT COST FOR REMOVAL)	S.Y.	300.000	0.000	166.670	166.670	56%	\$1.00	\$166.67
110. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISHING AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	L.S.	1.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
111. INLET PROTECTION BARRIER (FOR STAGE II INLETS, GRAVEL BAG; 60% OF UNIT COST FOR FURNISHING AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	L.F.	714.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
112. SWPPP INSPECTION AND MAINTENANCE (MIN. BID \$6,000/MO)	MO	11.000	0.000	1.710	1.710	16%	\$6,000.00	\$10,260.00
113. TPDES GENERAL PERMIT NO. TXR150000; NOTICE OF INTENT (NOI) APPLICATION FEE (CONTRACTOR'S NOI FEE & HARRIS COUNTY'S NOI FEE)	EA	2.000	0.000	0.000	0.000	0%	\$325.00	\$0.00
8 - BRIDGE								
114. REMOVE CONCRETE WINGWALL	C.Y.	8.400	0.000	0.000	0.000	0%	\$1,000.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 8 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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 - BRIDGE (CONTINUED)								
115. PRESTRESSED CONCRETE PILING (18" SQUARE)	L.F.	796.000	0.000	796.000	796.000	100%	\$120.00	\$95,520.00
116. CONCRETE ABUTMENTS	C.Y.	45.000	28.200	0.000	28.200	63%	\$1,000.00	\$28,200.00
117. CONCRETE SHEAR KEY	C.Y.	19.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
118. 4 1/2" CONCRETE BRIDGE SLAB	S.Y.	249.000	0.000	0.000	0.000	0%	\$125.00	\$0.00
119. CONCRETE SIDEWALK ON BRIDGE	S.Y.	94.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
120. REINFORCED CONCRETE CURB (DOWELED)	L.F.	220.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
121. GEOTEXTILE FABRIC (CLASS 1)	S.Y.	240.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
122. ARMOR JOINT	L.F.	82.000	0.000	0.000	0.000	0%	\$30.00	\$0.00
123. CONCRETE APPROACH SLAB FOR ROADWAY (10")	S.Y.	134.000	0.000	0.000	0.000	0%	\$135.00	\$0.00
124. CONCRET APPROACH SLAB FOR SIDEWALK (4 1/2")	S.Y.	57.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
125. PRESTRESSED CONCRETE BOX BEAM (4B28)	L.F.	359.000	359.000	0.000	359.000	100%	\$250.00	\$89,750.00
126. PRESTRESSED CONCRETE BOX BEAM (5B28)	L.F.	120.000	120.000	0.000	120.000	100%	\$255.00	\$30,600.00
127. BRIDGE PLAQUE	EA	2.000	0.000	0.000	0.000	0%	\$1,000.00	\$0.00
128. COMBINATION RAILING	L.F.	120.000	0.000	0.000	0.000	0%	\$140.00	\$0.00
129. REMOVE CONCRETE RAILING	L.F.	120.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
130. REMOVE AND DISPOSE OF FLEX BEAM GUARDRAIL	L.F.	300.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
9 - DETENTION POND								
131. DETENTION EXCAVATION WITH 3" STRIPPING	C.Y.	50013.000	11820.000	13464.000	25284.000	51%	\$5.00	\$126,420.00
132. BACKSLOPE INTERCEPTOR STRUCTURE	EA	5.000	0.000	0.000	0.000	0%	\$1,200.00	\$0.00
133. CORRUGATED METAL PIPE (24") (PRE-COATED) (GALVANIZED) (16 GAUGE)	L.F.	260.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
134. CORRUGATED METAL PIPE (36") (PRE-COATED) (GALVANIZED) (16 GAUGE)	L.F.	110.000	0.000	0.000	0.000	0%	\$80.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 9 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

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 - DETENTION POND (CONTINUED)								
135. 36" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	L.F.	45.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
136. EXTRA DEPTH PRECAST CONCRETE MANHOLES (DEPTH GREATER THAN 10')	EA	1.000	0.000	0.000	0.000	0%	\$4,000.00	\$0.00
137. REINFORCED CONCRETE PILOT CHANNEL (5')	S.Y.	980.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
138. REINFORCED CONCRETE SLOPE PAVING (5')	S.Y.	1150.000	1133.340	0.000	1133.340	99%	\$45.00	\$51,000.30
139. FURNISH AND INSTALL STEEL SHEET PILING (PZ-27)	L.F.	100.000	100.000	0.000	100.000	100%	\$375.00	\$37,500.00
140. TRENCH SAFETY SYSTEM (5' TO 10')	L.F.	415.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
141. RIPRAP - GRADATION NO. 1 (MIN 18")	S.Y.	1300.000	0.000	0.000	0.000	0%	\$35.00	\$0.00
10 - EXTRA WORK ITEMS								
142. OFF-DUTY UNIFORMED PEACE OFFICER - AS DIRECTED BY ENGINEER (MIN. BID \$25/HR)	HR	500.000	132.000	359.000	491.000	98%	\$25.00	\$12,275.00
143. WELL POINTING (MIN. BID \$15/LF)	L.F.	2500.000	0.000	0.000	0.000	0%	\$15.00	\$0.00
144. SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY)	S.Y.	500.000	0.000	0.000	0.000	0%	\$25.00	\$0.00
145. CONCRETE PAVEMENT (10") (HIGH STRENGTH)	S.Y.	1000.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
146. CEMENT STABILIZED SAND BASE FOR HIGH STRENGTH CONCRETE (6 INCH DEPTH)	S.Y.	1000.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
147. MAINTENANCE AND CLEANUP OF THE PROJECT SITE INCLUDING MOWING	CYCLE	11.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
148. CONSTRUCTION SAFETY FENCE	L.F.	1000.000	0.000	180.000	180.000	18%	\$0.10	\$18.00
149. EARLY COMPLETION INCENTIVE (\$2,500/DAY, 60 DAYS MAXIMUM)	DAY	60.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00

Partial for Road and Bridge Project 1408

Unit of Measure Pay Estimate

ESTIMATE NO: 3

This Estimate Date: 1/5/2012

Page 10 of 10

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 10/10/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE INC	PERCENT COMPLETE THIS ESTIMATE: 29.57	

PROJECT NAME: **SKINNER ROAD - PRECINCT 3**

DESCRIPTION: SKINNER ROAD FROM SPRING CYPRESS ROAD TO HUFFMEISTER ROAD - PRECINCT 3

PURCHASE ORDER NO.: P192013 JOB NO: 11/0131

<p>_____ Fund \$ _____</p> <p>_____ Fund \$ _____</p> <p>_____ Fund \$ _____</p> <p style="text-align: center;">_____ County Auditor/Date</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">Total amount of work done to-date</td> <td style="border-bottom: 1px solid black; text-align: right;">\$2,039,673.32</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount Retained (5%)</td> <td style="border-bottom: 1px solid black; text-align: right;">\$101,983.67</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Previous payments</td> <td style="border-bottom: 1px solid black; text-align: right;">\$941,121.41</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Damages and items in contract not performed</td> <td style="border-bottom: 1px solid black; text-align: right;">\$0.00</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Total deductions</td> <td style="border-bottom: 1px solid black; text-align: right;">\$1,043,105.08</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount due for payment</td> <td style="border-bottom: 1px solid black; text-align: right; border: 2px solid black;">\$996,568.24</td> </tr> </table>	Total amount of work done to-date	\$2,039,673.32	Amount Retained (5%)	\$101,983.67	Previous payments	\$941,121.41	Damages and items in contract not performed	\$0.00	Total deductions	\$1,043,105.08	Amount due for payment	\$996,568.24
Total amount of work done to-date	\$2,039,673.32												
Amount Retained (5%)	\$101,983.67												
Previous payments	\$941,121.41												
Damages and items in contract not performed	\$0.00												
Total deductions	\$1,043,105.08												
Amount due for payment	\$996,568.24												

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: 3
Number of Inclement Weather Days to Date: 7

Approvals

Architect/Engineer in Charge/Date

Director or Designee/Date

Total Calendar Days Allowed By Contract (330 + 0)	330	
Total Calendar Days Used To Beginning of Period	52 + 0	S.C
Calendar Days Used This Period	31 + 0	S.C
Total Calendar Days Used At End Of This Period	83 + 0	S.C
Balance Of Calendar Days Allowed Under Contract	247	

Original Days: 330	Original Amount: \$6,897,780.50
--------------------	---------------------------------

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 _____