

# Partial for Road and Bridge Project 1424

## Unit of Measure Pay Estimate

**ESTIMATE NO: 2**

**This Estimate Date: 1/10/2012**

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 11/14/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE, INC.	PERCENT COMPLETE THIS ESTIMATE: 13.08	

PROJECT NAME: **MASON CREEK TRAIL PEDESTRIAN FACILITIES - RECINCT 3**

DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

PURCHASE ORDER NO.: P192034      JOB NO: 11/0186

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
<b>1 - WESTGREEN BLVD - SITE PREPARATION &amp; EARTHWORK</b>								
1. REMOVING OLD CONCRETE PAVEMENT WITH DOWELED CURB	S.Y.	50.000	50.000	0.000	50.000	100%	\$10.00	\$500.00
2. REMOVING OLD CONCRETE SLOPE PAVEMENT	S.Y.	511.000	0.000	436.880	436.880	85%	\$5.00	\$2,184.40
3. REMOVING OLD CONCRETE RIPRAP (BROKEN 18") (Stockpile out of Ditch for future Placement)	S.Y.	130.000	0.000	130.000	130.000	100%	\$5.00	\$650.00
4. ROADWAY EXCAVATION - Including Stripping	C.Y.	2906.000	2580.080	325.920	2906.000	100%	\$10.00	\$29,060.00
5. REMOVE AND DISPOSE OF EXISTING, CONCRETE OR METAL PIPE (42"-72") - 66" Corrugated Metal Pipe (Sta 50+98)	L.F.	120.000	75.000	0.000	75.000	63%	\$30.00	\$2,250.00
6. REMOVING OLD STRUCTURES - HEADWALLS - Channel Wall Sta 49+65 to Sta 52+28.20	EA	1.000	0.500	0.000	0.500	50%	\$10,000.00	\$5,000.00
7. REMOVING OLD STRUCTURES - HEADWALLS - Channel Wall (Sta 52+65) for Prop. 66" Corrugated Metal Pipe	EA	1.000	0.000	1.000	1.000	100%	\$5,000.00	\$5,000.00
8. Video Recording Construction	L.S.	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
<b>2 - DRAINAGE</b>								
9. STRUCTURAL CONCRETE - (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Concrete Channel Wall Sta 49+65.75 to Sta 52+28.20	C.Y.	10.000	1.650	0.000	1.650	17%	\$5,000.00	\$8,250.00
10. STRUCTURAL CONCRETE - (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Concrete Channel Wall @ Prop 66" Corrugated Metal Pipe (Sta 52+65)	C.Y.	3.000	2.150	0.000	2.150	72%	\$2,500.00	\$5,375.00
11. TRENCH SAFETY SYSTEMS, 10' TO 15' DEPTH	L.F.	238.000	230.000	0.000	230.000	97%	\$1.00	\$230.00
12. REINFORCED CONCRETE PIPE, C76, CLASS III RUBBER GASKET (66")	L.F.	110.000	110.000	0.000	110.000	100%	\$200.00	\$22,000.00
13. CORRUGATED METAL PIPE - PRECOATED GALVANIZED (12 GAUGE) (66") (STA. 50+98)	L.F.	128.000	0.000	120.000	120.000	94%	\$200.00	\$24,000.00

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<b>2 - DRAINAGE (CONTINUED)</b>								
14. PRECAST CONCRETE EXTRA DEPTH MANHOLE, WITH A DEPTH GREATER THAN 10 FEET	EA	2.000	1.000	1.000	2.000	100%	\$3,500.00	\$7,000.00
<b>3 - SUBGRADE &amp; PAVING</b>								
16. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH (Trail)	S.Y.	1067.000	1067.000	0.000	1067.000	100%	\$5.00	\$5,335.00
17. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION (Trail) (6% by Weight)	TON	22.000	17.960	0.000	17.960	82%	\$160.00	\$2,873.60
18. REINFORCED CONCRETE PAVEMENT - 5" DEPTH (Trail)	S.Y.	980.000	0.000	0.000	0.000	0%	\$45.00	\$0.00
19. REINFORCED CONCRETE PAVEMENT, HIGH EARLY STRENGTH - 10" DEPTH (Westgreen Blvd)	S.Y.	50.000	50.000	0.000	50.000	100%	\$100.00	\$5,000.00
20. STRUCTURAL CONCRETE, RETAINING WALLS (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Retaining wall (1'-4')	C.Y.	167.000	0.000	0.000	0.000	0%	\$400.00	\$0.00
21. PEDESTRIAN RAILING 54" High	L.F.	435.000	0.000	0.000	0.000	0%	\$75.00	\$0.00
22. REINFORCED CONCRETE SLOPE PAVING (5" THICK)	S.Y.	592.000	0.000	0.000	0.000	0%	\$55.00	\$0.00
23. RIPRAP - GRADATION NO. 1 (18" THICK) (Use Stockpiled Riprap)	S.Y.	80.000	0.000	0.000	0.000	0%	\$45.00	\$0.00
24. 6" CONCRETE CURBS 6" to 12" Height	L.F.	25.000	22.000	0.000	22.000	88%	\$10.00	\$220.00
25. 6" THICK REINFORCED CONCRETE DRIVEWAY WITH HIGH EARLY STRENGTH CONCRETE	S.Y.	14.000	0.000	0.000	0.000	0%	\$80.00	\$0.00
<b>4 - TRAFFIC CONTROL DEVICES - TEMPORARY</b>								
26. WORK ZONE PAVEMENT MARKINGS 4" WHITE/SOLID (REMOVABLE) FURNISHED - APPLIED & REMOVED	L.F.	1400.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
27. WORK ZONE PAVEMENT MARKINGS 4" YELLOW/SOLID (REMOVABLE) FURNISHED - APPLIED & REMOVED	L.F.	3350.000	0.000	1235.000	1235.000	37%	\$1.00	\$1,235.00
28. TRAFFIC CONTROL - FURNISH - INSTALL & REMOVE	MO	1.000	0.500	0.500	1.000	100%	\$7,500.00	\$7,500.00

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DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

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**5 - STORMWATER POLLUTION PREVENTION PLAN**

29. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	S.Y.	1020.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
30. HYDRO-MULCH SEEDING	ACRE	1.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
31. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.F.	300.000	0.000	300.000	300.000	100%	\$2.00	\$600.00
32. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC; 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	EA	2.000	0.600	0.600	1.200	60%	\$50.00	\$60.00
33. STABILIZED CONSTRUCTION ACCESS (TYPE 1- ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	S.Y.	156.000	84.000	0.000	84.000	54%	\$1.00	\$84.00
34. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.S.	1.000	0.600	0.000	0.600	60%	\$500.00	\$300.00

**6 - PARK PINE DRIVE - SITE PREPARATION & EARTHWORK**

35. REMOVING OLD CONCRETE SLOPE PAVEMENT	S.Y.	90.000	0.000	90.000	90.000	100%	\$10.00	\$900.00
36. REMOVING OLD CONCRETE RIPRAP (BROKEN 18") (Stockpile out of Ditch for future Placement)	S.Y.	271.000	0.000	102.220	102.220	38%	\$5.00	\$511.10
37. ROADWAY EXCAVATION Including Stripping	C.Y.	1390.000	0.000	407.400	407.400	29%	\$12.00	\$4,888.80
38. REMOVING OLD STRUCTURES - HEADWALLS Channel Concrete Cap with Sheet Pile & Concrete Headwall Sta 61+41.24 to Sta 63+44.81	EA	1.000	0.000	0.000	0.000	0%	\$10,000.00	\$0.00
39. VIDEO RECORDING CONSTRUCTION	L.S.	1.000	0.000	0.000	0.000	0%	\$200.00	\$0.00

**7 - DRAINAGE**

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<b>7 - DRAINAGE (CONTINUED)</b>								
40A. STRUCTURAL CONCRETE (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Sheet Pile Concrete Cap & Headwall Sta 61+41.24 to Sta 63+44.81	C.Y.	15.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
<b>8 - SUBGRADE &amp; PAVING</b>								
41. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH	S.Y.	880.000	0.000	0.000	0.000	0%	\$6.00	\$0.00
42. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION (6% by Weight)	TON	18.000	0.000	0.000	0.000	0%	\$160.00	\$0.00
43. REINFORCED CONCRETE PAVEMENT - 5" DEPTH	S.Y.	807.000	0.000	0.000	0.000	0%	\$45.00	\$0.00
44. STRUCTURAL CONCRETE, RETAINING WALLS (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Retaining Wall (1'-4') (Trail)	C.Y.	125.000	0.000	0.000	0.000	0%	\$400.00	\$0.00
45. PEDESTRIAN RAILING 54" High	L.F.	281.000	0.000	0.000	0.000	0%	\$75.00	\$0.00
46. REINFORCED CONCRETE SLOPE PAVING (5" THICK)	S.Y.	94.000	0.000	0.000	0.000	0%	\$60.00	\$0.00
47. RIPRAP - GRADATION NO. 1 (18" THICK) (Use Stockpiled RipRap)	S.Y.	165.000	0.000	0.000	0.000	0%	\$30.00	\$0.00
48. 6" CONCRETE CURBS 6" to 12" Height	L.F.	26.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
<b>9 - STORMWATER POLLUTION PREVENTION PLAN</b>								
49. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	S.Y.	902.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
50. HYDRO-MULCH SEEDING	ACRE	1.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
51. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.F.	300.000	0.000	300.000	300.000	100%	\$2.00	\$600.00
52. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	2.000	0.000	0.000	0.000	0%	\$50.00	\$0.00

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<b>9 - STORMWATER POLLUTION PREVENTION PLAN (CONTINUED)</b>								
53. STABILIZED CONSTRUCTION ACCESS (TYPE 1 - ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	S.Y.	156.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
54. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	L.S.	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
<b>10 - PRINCE CREEK DRIVE - SITE PREPARATION &amp; EARTHWORK</b>								
55. REMOVING OLD CONCRETE SLOPE PAVEMENT	S.Y.	208.000	137.830	0.000	137.830	66%	\$10.00	\$1,378.30
56. REMOVING OLD CONCRETE RIPRAP (BROKEN 18") (Stockpile out of Ditch for future Placement)	S.Y.	125.000	0.000	0.000	0.000	0%	\$5.00	\$0.00
57. ROADWAY EXCAVATION Including Stripping	C.Y.	2287.000	0.000	0.000	0.000	0%	\$12.00	\$0.00
58. REMOVE AND DISPOSE OF EXISTING, CONCRETE OR METAL PIPE (42"-72") Exist 66" Corrugated Metal Pipe (Sta 83+65)	L.F.	25.000	20.000	0.000	20.000	80%	\$50.00	\$1,000.00
59. REMOVING OLD STRUCTURES - HEADWALLS Channel Concrete Cap with Sheet Pile & Concrete Headwall Sta 82+01.00 to Sta 83+83.00	EA	1.000	0.250	0.000	0.250	25%	\$5,000.00	\$1,250.00
60. VIDEO RECORDING CONSTRUCTION	L.S.	1.000	0.000	0.000	0.000	0%	\$200.00	\$0.00
<b>11 - DRAINAGE</b>								
61. STRUCTURAL CONCRETE (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Special Monolithic Junction Box (8' X 10" with Access Grate)	C.Y.	25.000	3.270	0.000	3.270	13%	\$1,500.00	\$4,905.00
62. STRUCTURAL CONCRETE (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Monolithic Reinforced Concrete Box Sewers (8' X 3') (Sta 83+65)	C.Y.	8.000	2.460	0.000	2.460	31%	\$2,000.00	\$4,920.00
63. TRENCH SAFETY SYSTEMS, 10' TO 15' DEPTH	L.F.	20.000	20.000	0.000	20.000	100%	\$20.00	\$400.00

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<b>11 - DRAINAGE (CONTINUED)</b>								
64A. STRUCTURAL CONCRETE (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Sheet Pile Concrete Cap & Concrete Headwall Sta. 82+01.00 to Sta. 83+83.00	C.Y.	15.000	0.000	0.000	0.000	0%	\$1,800.00	\$0.00
<b>12 - SUBGRADE &amp; PAVING</b>								
65. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH	S.Y.	867.000	0.000	0.000	0.000	0%	\$6.00	\$0.00
66. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION (6% by Weight)	TON	18.000	0.000	0.000	0.000	0%	\$160.00	\$0.00
67. REINFORCED CONCRETE PAVEMENT - 5" DEPTH (Trail)	S.Y.	805.000	0.000	0.000	0.000	0%	\$45.00	\$0.00
68. STRUCTURAL CONCRETE, RETAINING WALLS (Including reinforcing steel, membrane, curing and all appurtenances, complete in place) Retaining Wall (1'-4')	C.Y.	120.000	0.000	0.000	0.000	0%	\$400.00	\$0.00
69. PEDESTRIAN RAILING 54" High	L.F.	268.000	0.000	0.000	0.000	0%	\$75.00	\$0.00
70. REINFORCED CONCRETE SLOPE PAVING (5" THICK)	S.Y.	152.000	14.830	0.000	14.830	10%	\$55.00	\$815.65
71. RIP RAP - GRADATION NO. 1 (18" THICK) (Use Stockpiled RipRap)	S.Y.	72.000	0.000	0.000	0.000	0%	\$30.00	\$0.00
72. 6" CONCRETE CURBS 6" to 12" Height	L.F.	26.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
<b>13 - STORMWATER POLLUTION PREVENTION PLAN</b>								
73. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	S.Y.	762.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
74. HYDRO-MULCH SEEDING	ACRE	1.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
75. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.F.	300.000	259.800	0.000	259.800	87%	\$2.00	\$519.60
76. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	2.000	0.000	0.000	0.000	0%	\$50.00	\$0.00

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<b>13 - STORMWATER POLLUTION PREVENTION PLAN (CONTINUED)</b>								
77. STABILIZED CONSTRUCTION ACCESS (TYPE I-ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	S.Y.	156.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
78. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT OCST FOR REMOVAL)	L.S.	1.000	0.600	0.000	0.600	60%	\$1,500.00	\$900.00
<b>14 - SOUTH FRY BOULEVARD SITE PREPARATION &amp; EARTHWORK</b>								
79. REMOVING OLD CONCRETE SLOPE PAVEMENT	S.Y.	220.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
80. ROADWAY EXCAVATION Including Stripping	C.Y.	897.000	0.000	0.000	0.000	0%	\$12.00	\$0.00
81. REMOVE & DISPOSE OF EXISTING CONCRETE OR METAL PIPES (78" OR LARGER) 102" CMP (Sta 126+90)	L.F.	35.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
82. VIDEO RECORDING CONSTRUCTION	L.S.	1.000	0.000	0.000	0.000	0%	\$1,200.00	\$0.00
<b>15 - DRAINAGE</b>								
83. STRUCTURAL CONCRETE (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Special Monolithic Junction Box (10' X 20' with Access Grates)	C.Y.	52.000	0.000	0.000	0.000	0%	\$1,200.00	\$0.00
84. STRUCTURAL CONCRETE (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Monolithic Reinforced Concrete Box Sewers (8' X 4')	C.Y.	18.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
85. STRUCTURAL CONCRETE, WINGWALLS (Including reinforcing steel, membrane curing and all appurtenances, complete in place)	C.Y.	12.000	0.000	0.000	0.000	0%	\$200.00	\$0.00
86. TRENCH SAFETY SYSTEMS, 10' TO 15' DEPTH	L.F.	25.000	0.000	0.000	0.000	0%	\$20.00	\$0.00
<b>16 - SUBGRADE &amp; PAVING</b>								
88. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH	S.Y.	933.000	0.000	0.000	0.000	0%	\$6.00	\$0.00

# Partial for Road and Bridge Project 1424

## Unit of Measure Pay Estimate

**ESTIMATE NO: 2**

**This Estimate Date: 1/10/2012**

**Page 8 of 12**

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 11/14/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE, INC.	PERCENT COMPLETE THIS ESTIMATE: 13.08	

PROJECT NAME: **MASON CREEK TRAIL PEDESTRIAN FACILITIES - RECINCT 3**

DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

PURCHASE ORDER NO.: P192034      JOB NO: 11/0186

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
<b>16 - SUBGRADE &amp; PAVING (CONTINUED)</b>								
89. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION (6% by Weight)	TON	17.000	0.000	0.000	0.000	0%	\$160.00	\$0.00
90. REINFORCED CONCRETE PAVEMENT - 5" DEPTH (Trail)	S.Y.	825.000	0.000	0.000	0.000	0%	\$45.00	\$0.00
91. STRUCTURAL CONCRETE, RETAINING WALLS (Including reinforcing steel, membrane curing and all appurtenances, complete in place) Retaining Wall (1'-4')	C.Y.	100.000	0.000	0.000	0.000	0%	\$450.00	\$0.00
92. PEDESTRIAN RAILING 54" High	L.F.	296.000	0.000	0.000	0.000	0%	\$75.00	\$0.00
93. REINFORCED CONCRETE SLOPE PAVING (5" THICK)	S.Y.	58.000	0.000	0.000	0.000	0%	\$68.00	\$0.00
95. 6" CONCRETE CURBS 6" TO 12" Height	L.F.	26.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
<b>17 - TRAFFIC CONTROL DEVICES - TEMPORARY</b>								
96. TRAFFIC CONTROL - FURNISH - INSTALL & REMOVE	MO	1.000	0.000	0.000	0.000	0%	\$5,000.00	\$0.00
<b>18 - STORMWATER POLLUTION PREVENTION PLAN</b>								
97. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	S.Y.	702.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
99. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.F.	150.000	0.000	0.000	0.000	0%	\$2.00	\$0.00
100. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	2.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
101. STABILIZED CONSTRUCTION ACCESS (TYPE 1-ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	S.Y.	156.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
102. CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	L.S.	1.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
<b>19 - PARK AND RIDE BRIDGE (KINGSLAND) SITE PREPARATION AND EARTHWORK</b>								

# Partial for Road and Bridge Project 1424

## Unit of Measure Pay Estimate

**ESTIMATE NO: 2**

**This Estimate Date: 1/10/2012**

**Page 9 of 12**

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 11/14/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE, INC.	PERCENT COMPLETE THIS ESTIMATE: 13.08	
PROJECT NAME: <b>MASON CREEK TRAIL PEDESTRIAN FACILITIES - RECINCT 3</b>		

DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

PURCHASE ORDER NO.: P192034      JOB NO: 11/0186

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
<b>19 - PARK AND RIDE BRIDGE (KINGSLAND) SITE PREPARATION AND EARTHWORK (CONTINUED)</b>								
98. HYDRO-MULCH SEEDING	ACRE	1.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
103. ROADWAY EXCAVATION Including Stripping	C.Y.	60.000	60.000	0.000	60.000	100%	\$50.00	\$3,000.00
104. PROJECT SIGN	EA	1.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
<b>20 - BRIDGE STRUCTURE</b>								
105. KINGSLAND PARK & RIDE BRIDGE Pre-Engineered Pedestrian Bridge, Abutments with Wing Walls 24" Drilled Shafts, (Including reinforcing steel, membrane curing and all appurtenances, complete in place)	LS	1.000	0.240	0.000	0.240	24%	\$142,000.00	\$34,080.00
105a. SOLID CAST ALUMINUM BRIDGE PLAQUE Modified	EA	1.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
<b>21 - SUBGRADE &amp; PAVING</b>								
106. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH	S.Y.	67.000	0.000	0.000	0.000	0%	\$19.00	\$0.00
107. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION (Trail) (6% by Weight)	TON	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
108. REINFORCED CONCRETE PAVEMENT - 5" DEPTH (Trail)	S.Y.	60.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
109. REINFORCED CONCRETE SLOPE PAVING (5" THICK) (Under Prop. Bridge)	S.Y.	110.000	0.000	0.000	0.000	0%	\$70.00	\$0.00
109a. REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (18")	L.F.	20.000	0.000	0.000	0.000	0%	\$100.00	\$0.00
<b>22 - STORMWATER POLLUTION PREVENTION PLAN</b>								
110. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	S.Y.	307.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
111. HYDRO-MULCH SEEDING	ACRE	1.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
112. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.F.	350.000	0.000	180.000	180.000	51%	\$2.00	\$360.00

# Partial for Road and Bridge Project 1424

## Unit of Measure Pay Estimate

**ESTIMATE NO: 2**

**This Estimate Date: 1/10/2012**

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 11/14/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE, INC.	PERCENT COMPLETE THIS ESTIMATE: 13.08	
PROJECT NAME: <b>MASON CREEK TRAIL PEDESTRIAN FACILITIES - RECINCT 3</b>		

DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

PURCHASE ORDER NO.: P192034      JOB NO: 11/0186

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
<b>22 - STORMWATER POLLUTION PREVENTION PLAN (CONTINUED)</b>								
113. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST OF FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	2.000	1.200	0.000	1.200	60%	\$50.00	\$60.00
114. STABILIZED CONSTRUCTION ACCESS (TYPE 1-ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	S.Y.	78.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
<b>23 - TRIBUTARY BRIDGE - SITE PREPARATION &amp; EARTHWORK</b>								
115. ROADWAY EXCAVATION Including Stripping	C.Y.	60.000	0.000	0.000	0.000	0%	\$25.00	\$0.00
<b>24 - BRIDGE STRUCTURE</b>								
116. MASON CREEK TRIBUTARY BRIDGE Pre-Engineered Pedestrian Bridge, Abutments with Wing Walls, Drilled Shafts (including reinforcing steel, membrane curing and all appurtenances, complete in place)	L.S.	1.000	0.000	0.000	0.000	0%	\$142,000.00	\$0.00
116a. SOLID CAST ALUMINUM BRIDGE PLAQUE	EA	1.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
<b>25 - SUBGRADE &amp; PAVING</b>								
117. LIME STABILIZATION SUBGRADE MANIPULATION, 8" DEPTH	S.Y.	67.000	0.000	0.000	0.000	0%	\$9.00	\$0.00
118. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION (6% by Weight)	TON	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
119. REINFORCED CONCRETE PAVEMENT - 5" DEPTH	S.Y.	60.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
120. REINFORCED CONCRETE SLOPE PAVING (5" THICK)	S.Y.	110.000	0.000	0.000	0.000	0%	\$70.00	\$0.00
<b>26 - STORMWATER POLLUTION PREVENTION PLAN</b>								
121. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	S.Y.	310.000	0.000	0.000	0.000	0%	\$4.00	\$0.00
122. HYDRO-MULCH SEEDING	ACRE	1.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
123. REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	L.F.	150.000	0.000	0.000	0.000	0%	\$2.00	\$0.00

# Partial for Road and Bridge Project 1424

## Unit of Measure Pay Estimate

**ESTIMATE NO: 2**

**This Estimate Date: 1/10/2012**

**Page 11 of 12**

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 11/14/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE, INC.	PERCENT COMPLETE THIS ESTIMATE: 13.08	
PROJECT NAME: <b>MASON CREEK TRAIL PEDESTRIAN FACILITIES - RECINCT 3</b>		

DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

PURCHASE ORDER NO.: P192034                      JOB NO: 11/0186

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
<b>26 - STORMWATER POLLUTION PREVENTION PLAN (CONTINUED)</b>								
124. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	2.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
<b>27 - MISCELLANEOUS</b>								
125. TPDES GENERAL PERMIT NO. TXR 150000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACTOR'S NOI FEE & HARRIS COUNTY'S NOI FEE, EACH FEE SHALL BE SET PRICE OF \$325.00)	EA	2.000	0.000	0.000	0.000	0%	\$325.00	\$0.00
126. SWPPP INSPECTION AND MAINTENANCE (MIN. BID - \$6000.00) PER MONTH	MO	4.000	0.000	0.000	0.000	0%	\$6,000.00	\$0.00
127. MOWING PROJECT SITE	CYCLE	3.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
128. INCENTIVE PAYMENT	DAY	20.000	0.000	0.000	0.000	0%	\$2,500.00	\$0.00
129. CONTRACTOR TO SET UP AND PROVIDE FOR INSPECTION BY TDLR	EA	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
<b>28 - EXTRA WORK ITEMS</b>								
130. CEMENT STABILIZED SAND, COMPLETE IN PLACE 8" THICK In lieu of Lime Stabilization	S.Y.	200.000	0.000	0.000	0.000	0%	\$10.00	\$0.00

# Partial for Road and Bridge Project 1424

## Unit of Measure Pay Estimate

**ESTIMATE NO: 2**

**This Estimate Date: 1/10/2012**

**Page 12 of 12**

COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 8/23/2011	WORK COMMENCED: 11/14/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: MENADE, INC.	PERCENT COMPLETE THIS ESTIMATE: 13.08	

PROJECT NAME: **MASON CREEK TRAIL PEDESTRIAN FACILITIES - RECINCT 3**

DESCRIPTION: MASON CREEK TRAIL PEDESTRIAN FACILITIES MASON ROAD TO S. FRY BLVD. - PRECINCT 3

PURCHASE ORDER NO.: P192034      JOB NO: **11/0186**

Fund \$ _____ Fund \$ _____ Fund \$ _____  _____ County Auditor/Date	<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="text-align: right; border-bottom: 1px solid black;">\$195,195.45</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount Retained (5%)</td> <td style="text-align: right; border-bottom: 1px solid black;">\$9,759.77</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Previous payments</td> <td style="text-align: right; border-bottom: 1px solid black;">\$48,895.07</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Damages and items in contract not performed</td> <td style="text-align: right; border-bottom: 1px solid black;">\$0.00</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Total deductions</td> <td style="text-align: right; border-bottom: 1px solid black;">\$58,654.84</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount due for payment</td> <td style="text-align: right; border-bottom: 3px double black;">\$136,540.61</td> </tr> </table>	Total amount of work done to-date	\$195,195.45	Amount Retained (5%)	\$9,759.77	Previous payments	\$48,895.07	Damages and items in contract not performed	\$0.00	Total deductions	\$58,654.84	Amount due for payment	\$136,540.61
Total amount of work done to-date	\$195,195.45												
Amount Retained (5%)	\$9,759.77												
Previous payments	\$48,895.07												
Damages and items in contract not performed	\$0.00												
Total deductions	\$58,654.84												
Amount due for payment	\$136,540.61												

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: 8  
 Number of Inclement Weather Days to Date: 10

### Approvals

\_\_\_\_\_  
Architect/Engineer in Charge/Date

\_\_\_\_\_  
Director or Designee/Date

Total Calendar Days Allowed By Contract (110 + 0)	110
Total Calendar Days Used To Beginning of Period	17 + 0    S.C
Calendar Days Used This Period	31 + 0    S.C
Total Calendar Days Used At End Of This Period	48 + 0    S.C
Balance Of Calendar Days Allowed Under Contract	62

Original Days: 110	Original Amount: \$1,492,235.00
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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 \_\_\_\_\_