

Partial for Road and Bridge Project 1183

Unit of Measure Pay Estimate

ESTIMATE NO: 18

This Estimate Date: 1/11/2012

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 7/13/2010	WORK COMMENCED: 8/23/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 - EARTHWORK								
1. CLEARING & GRUBBING	STA.	160.000	0.000	160.000	160.000	100%	\$500.00	\$80,000.00
2. CLEARING & GRUBBING FOR DETENTION POND	ACRE	4.000	0.000	4.000	4.000	100%	\$4,800.00	\$19,200.00
3. ROADWAY EXCAVATION WITH 3" TOPSOIL STRIPPING & OFFSITE DISPOSAL INCLUDING HANDLING OF OIL BASED SANDS BETWEEN STATIONS 107+00 TO 112+00, COMPLETE AS SPECIFIED (3)	C.Y.	53240.000	0.000	53240.000	53240.000	100%	\$7.00	\$372,680.00
4. 6-INCH TOPSOIL FOR DETENTION POND	C.Y.	3272.000	1822.000	1450.000	3272.000	100%	\$4.00	\$13,088.00
5. DETENTION POND EXCAVATIONS AND OFFSITE DISPOSAL	C.Y.	15600.000	0.000	15600.000	15600.000	100%	\$6.00	\$93,600.00
6. HYDRO-MULCH SEEDING FOR EROSION CONTROL & FINAL STABILIZATION, COMPLETE AS SPECIFIED	ACRE	16.000	0.000	6.000	6.000	38%	\$1,300.00	\$7,800.00
7. TURF ESTABLISHMENT FOR DETENTION POND	ACRE	4.000	0.000	0.000	0.000	0%	\$1,500.00	\$0.00
8. REMOVE EXISTING FENCE & GRATES	L.F.	5129.000	0.000	0.000	0.000	0%	\$1.75	\$0.00
9. VIDEO RECORDING CONSTRUCTION	L.S.	1.000	0.000	0.000	0.000	0%	\$350.00	\$0.00
2 - PAVING								
10. REMOVING & DISPOSING OF EXISTING CONCRETE PAVEMENT (ALL DEPTHS) WITH OR WITHOUT CURB, INCLUDING SAWCUTTING, COMPLETE AS SPECIFIED	S.Y.	3745.000	1375.000	1433.480	2808.480	75%	\$2.25	\$6,319.08
11. MILING OF EXISTING ASPHALTIC SURFACE (ALL DEPTHS) AND HAUL TO PCT. 4 STOCKPILE AT KUYKENDAHL RD & SPRING STUEBNER RD., COMPLETE AS SPECIFIED (6)	S.Y.	68350.383	0.000	68350.380	68350.380	100%	\$1.70	\$116,195.65
12. LIME-FLY ASH STABILIZED SUBGRADE (8"), COMPLETE AS SPECIFIED (3) (4)	S.Y.	94881.969	0.000	94881.970	94881.970	100%	\$1.75	\$166,043.45
13. LIME (3%) FOR SUBGRADE STABILIZATION, COMPLETE AS SPECIFIED (3) (4) (5)	TON	909.015	0.000	909.015	909.015	100%	\$197.00	\$179,075.96

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2 - PAVING (CONTINUED)								
14. FLY ASH (8%) FOR SUBGRADE STABILIZATION, COMPLETE AS SPECIFIED (3) (4) (4) (5)	TON	4539.840	0.000	4539.840	4539.840	100%	\$60.00	\$272,390.40
15. HMAC BASE COURSE (BLACK BASE) (8"), COMPLETE AS SPECIFIED TO BE LAID IN 4 LIFTS (3) (5)	TON	58705.949	0.000	58705.950	58705.950	100%	\$48.75	\$2,861,915.06
16. HMAC SURFACING (2") WITH HMAC LEVEL-UP (2"), COMPLETE AS SPECIFIED TO BE LAID IN 2 LIFTS	TON	26103.000	44.990	25724.120	25769.110	99%	\$54.50	\$1,404,416.50
17. HMAC TACK COAT (0.1 GALLON/SQUARE YARD), COMPLETE AS SPECIFIED	Gal.	110217.000	0.000	9686.000	9686.000	9%	\$0.01	\$96.86
17A. 10" HIGH STRENGTH REINORCED CONCRETE PAVEMENT AT THE NORTHCREST/MOSSEY TERRACE INTERSECTION (6)	S.Y.	320.490	0.000	320.490	320.490	100%	\$70.00	\$22,434.30
18. 5 1/2" NON-MOUNTABLE CONCRETE CURB, COMPLETE AS SPECIFIED	L.F.	5500.000	0.000	0.000	0.000	0%	\$3.50	\$0.00
18A. 6" DOWELED ON CONCRETE CURB, COMPLETE AS SPECIFIED (6)	L.F.	2686.000	0.000	2686.000	2686.000	100%	\$5.50	\$14,773.00
19. CONCRETE WHEELCHAIR RAMPS WITH TRUNCATED DOMES ON LOWER 2-FT OF RAMP & LANDINGS, COMPLETE AS SPECIFIED	S.Y.	158.000	0.000	158.000	158.000	100%	\$95.00	\$15,010.00
20. GUARDRAIL WITH 2-FOOT MOWING SRIP TERMINAL ANCHOR SECTIONS, COMPLETE AS SPECIFIED	L.F.	378.000	0.000	378.000	378.000	100%	\$40.00	\$15,120.00
3 - DRAINAGE								
21. TRENCH SAFETY SYSTEMS (5-10 FEET), COMPLETE AS SPECIFIED	L.F.	10835.000	0.000	3548.000	3548.000	33%	\$0.25	\$887.00
21A. LOCKABLE GATE AT SPRING STUEBNER STORAGE YARD	EA.	1.000	0.000	1.000	1.000	100%	\$800.00	\$800.00
22. TRENCH SAFETY SYSTEMS (10-15 FEET), COMPLETE AS SPECIFIED (6)	L.F.	1549.000	0.000	1549.000	1549.000	100%	\$0.50	\$774.50

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3 - DRAINAGE (CONTINUED)								
23. FLOATABLES TRAP	EA.	2.000	0.000	2.000	2.000	100%	\$4,300.00	\$8,600.00
24. 6-INCH CLASS A CONCRETE FOR PILOT CHANNEL	S.Y.	366.000	0.000	361.670	361.670	99%	\$49.00	\$17,721.83
25. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76 - 24" DIAMETER, COMPLETE AS SPECIFIED	L.F.	3650.000	32.000	3476.000	3508.000	96%	\$41.00	\$143,828.00
26. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76 - 30" DIAMETER, COMPLETE AS SPECIFIED	L.F.	833.000	0.000	798.000	798.000	96%	\$44.50	\$35,511.00
27. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76- 36" DIAMETER, COMPLETE AS SPECIFIED (3) (4) (6)	L.F.	8215.000	0.000	8215.000	8215.000	100%	\$54.00	\$443,610.00
27A. REINFORCED CONCRETE ARCH PIPE - 36" DIAMETER, COMPLETE AS SPECIFIED (4)	L.F.	0.000	0.000	0.000	0.000	100%	\$90.00	\$0.00
28. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76 - 42" DIAMETER, COMPLETE AS SPECIFIED (4)	L.F.	474.000	0.000	474.000	474.000	100%	\$72.00	\$34,128.00
29. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76-48" DIAMETER, COMPLETE AS SPECIFIED (4)	L.F.	1383.000	0.000	1383.000	1383.000	100%	\$81.00	\$112,023.00
30. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76 - 54" DIAMETER, COMPLETE AS SPECIFIED (4)	L.F.	152.000	0.000	152.000	152.000	100%	\$100.00	\$15,200.00
31. PRECAST REINFORCED CONCRETE BOX WITH RAMNEK JOINTS - 6' X 4', STA 83+20 (4)	L.F.	112.000	0.000	112.000	112.000	100%	\$173.00	\$19,376.00
31A. WINGWALL ON 6' X 4' RCB (HW=5'), COMPLETE AS SPECIFIED	C.Y.	9.000	0.000	9.000	9.000	100%	\$900.00	\$8,100.00
31B. 24" CGMP, GAGE 14 (OUTFALL PIPE), COMPLETE AS SPECIFIED (6)	L.F.	310.000	0.000	310.000	310.000	100%	\$43.00	\$13,330.00
32. SAFETY END TREATMENT - 24", COMPLETE AS SPECIFIED	EA.	80.000	2.000	75.000	77.000	96%	\$750.00	\$57,750.00
33. SAFETY END TREATMENT - 30", COMPLETE AS SPECIFIED	EA.	2.000	0.000	2.000	2.000	100%	\$950.00	\$1,900.00

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3 - DRAINAGE (CONTINUED)								
34. SAFETY END TREATMENT (TYPE II WITH PIPE RUNNERS) - 36", COMPLETE AS SPECIFIED	EA.	2.000	0.000	2.000	2.000	100%	\$2,000.00	\$4,000.00
35. SAFETY END TREATMENT (TYPE II WITH PIPE RUNNERS) - 42", COMPLETE SPECIFIED	EA.	2.000	0.000	2.000	2.000	100%	\$3,950.00	\$7,900.00
35A. BACKSLOPE INTERCEPTER SRUCTURE	EA.	4.000	0.000	4.000	4.000	100%	\$1,300.00	\$5,200.00
36. REMOVE & DISPOSE OF EXISTING CONCRETE PIPE OR METAL PIPE (ALL SIZES) (3)	L.F.	4323.000	0.000	4323.000	4323.000	100%	\$6.00	\$25,938.00
37. REMOVE & DISPOSE OF EXISTING DRAINAGE STRUCTURE (ALL SIZES) (6)	EA.	16.000	0.000	16.000	16.000	100%	\$400.00	\$6,400.00
38. PRECAST CONCRETE STORM MANHOLES - 0' -5' IN DEPTH (3)	EA.	6.000	0.000	6.000	6.000	100%	\$2,000.00	\$12,000.00
39. PRECAST CONCRETE STORM MANHOLES - 5' -10' IN DEPTH (6)	EA.	10.000	0.000	10.000	10.000	100%	\$2,200.00	\$22,000.00
40. EXTRA DEPTH PRECAST CONCRETE STORM MANHOLES - >10' IN DEPTH	EA.	1.000	0.000	0.000	0.000	0%	\$5,000.00	\$0.00
40A. PRECAST CONCRETE JUNCTION BOX WITH TYPE "C" MANHOLE TOP	EA.	1.000	0.000	1.000	1.000	100%	\$6,700.00	\$6,700.00
41. PRECAST CONCRETE JUNCTION BOX WITH TYPE "A" INLET TOP WITH 5" SLOPE PAVING	EA.	44.000	0.000	44.000	44.000	100%	\$5,500.00	\$242,000.00
42. PRECAST TYPE "A" INLET, (ALL DEPTHS) WITH 5" SLOPE PAVING	EA.	11.000	4.000	7.000	11.000	100%	\$1,700.00	\$18,700.00
44. ADJUST EXISTING INLET TO GRADE, COMPLETE AS SPECIFIED	EA.	11.000	7.000	4.000	11.000	100%	\$300.00	\$3,300.00
45. REINFORCED CONCRETE SLOPE PAVING (6-INCH), COMPLETE AS SPECIFIED	S.Y.	520.000	0.000	520.000	520.000	100%	\$50.00	\$26,000.00
46. RIPRAP (18")	S.Y.	504.000	0.000	414.700	414.700	82%	\$45.00	\$18,661.50
46A. BRICK PLUG FOR EXISTING 5'X3' RCB CULVERT, COMPLETE AS SPECIFIED	EA.	1.000	0.000	1.000	1.000	100%	\$400.00	\$400.00
46B. 36" RCP DISCHARGE LINE WITH 12" RESTRICTOR INCLUDING 8" BRICK PLUG	EA.	1.000	1.000	0.000	1.000	100%	\$1,600.00	\$1,600.00

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3 - DRAINAGE (CONTINUED)								
46C. CONCRETE COLLAR FOR REINFORCED CONCRETE PIPE (36")	EA.	1.000	1.000	0.000	1.000	100%	\$650.00	\$650.00
47. CCTV INSPECTION OF THE COMPLETE STORM SEWER (4)	L.S.	0.000	0.000	0.000	0.000	100%	\$29,500.00	\$0.00
48. 15' WIDE ALL WEATHER ACCESS ROAD (CRUSHED CONCRETE)	S.Y.	3676.000	0.000	3676.000	3676.000	100%	\$11.00	\$40,436.00
4 - TRAFFIC SIGNS AND PAVEMENT MARKINGS								
49. REMOVE & RELOCATE OR DISPOSE OF TRAFFIC SIGNS, MAIL BOXES & ROADWAY SIGNS	L.S.	1.000	0.000	1.000	1.000	100%	\$1,600.00	\$1,600.00
50. FURNISH & INSTALL HARRIS COUNTY PROJECT SIGN, COMPLETE AS SPECIFIED	EA.	2.000	0.000	2.000	2.000	100%	\$750.00	\$1,500.00
51. FURNISH & INSTALL REGULATORY SIGNS (R1-1) - "STOP", COMPLETE AS SPECIFIED	EA.	6.000	0.000	6.000	6.000	100%	\$240.00	\$1,440.00
52. FURNISH & INSTALL REGULATORY SIGNS (R1-2) - "YIELD", COMPLETE AS SPECIFIED	EA.	4.000	0.000	4.000	4.000	100%	\$240.00	\$960.00
53. FURNISH & INSTALL REGULATORY SIGNS (R1-5B) - "CROSS TRAFFIC DOES NOT STOP", COMPLETE AS SPECIFIED	EA.	6.000	0.000	6.000	6.000	100%	\$240.00	\$1,440.00
54. FURNISH & INSTALL REGULATORY SIGNS (R2-1) - SPEED LIMIT, COMPLETE AS SPECIFIED	EA.	8.000	0.000	8.000	8.000	100%	\$240.00	\$1,920.00
55. FURNISH & INSTALL REGULATORY SIGNS (R3-9B) - TWO WAY LEFT TURN LANE, COMPLETE AS SPECIFIED	EA.	20.000	0.000	20.000	20.000	100%	\$240.00	\$4,800.00
56. FURNISH & INSTALL REGULATORY SIGNS (R3-9B) "BEGIN" COMPLETE AS SPECIFIED	EA.	5.000	0.000	5.000	5.000	100%	\$240.00	\$1,200.00
57. FURNISH & INSTALL REGULATORY SIGNS (R3-9B) - "END", COMPLETE AS SPECIFIED	EA.	5.000	0.000	5.000	5.000	100%	\$240.00	\$1,200.00
58. FURNISH & INSTALL SERIES SIGNS (D3-1) - STREET NAMES, COMPLETE AS SPECIFIED	EA.	37.000	25.000	12.000	37.000	100%	\$220.00	\$8,140.00

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4 - TRAFIC SIGNS AND PAVEMENT MARKINGS (CONTINUED)								
59. FURNISH & INSTALL SERIES SIGNS (D3-2) - STREET NAME (ADVANCE), COMPLETE AS SPECIFIED	EA.	11.000	0.000	11.000	11.000	100%	\$210.00	\$2,310.00
60. FURNISH & INSTALL WARNING SIGNS (W1-7) LARGE ARROW (TWO DIRECTIONS) SYMBOL, COMPLETE AS SPECIFIED	EA.	8.000	1.000	7.000	8.000	100%	\$230.00	\$1,840.00
61. FURNISH & INSTALL WARNING SIGNS (W3-3) - SIGNAL AHEAD SYMBOL COMPLETE AS SPECIFIED	EA.	2.000	0.000	0.000	0.000	0%	\$240.00	\$0.00
62. FURNISH & INSTALL WARNING SIGNS (W6-1) - DIVIDED HIGHWAY SYMBOL, COMPLETE AS SPECIFIED	EA.	3.000	0.000	0.000	0.000	0%	\$240.00	\$0.00
63. FURNISH & INSTALL WARNING SIGNS (W6-2) - DIVIDED HIGHWAY SYMBOL, COMPLETE AS SPECIFIED	EA.	1.000	0.000	1.000	1.000	100%	\$240.00	\$240.00
64. FURNISH & INSTALL WARNING SIGNS (W10-1) - RAILROAD CROSSING ADVANCED SYMBOL, COMPLETE AS SPECIFIED	EA.	4.000	0.000	2.000	2.000	50%	\$240.00	\$480.00
65. FURNISH & INSTALL WARNING SIGNS (W10-4) - PARALLEL RAILROAD CROSSING (T) SYMBOL, COMPLETE AS SPECIFIED	EA.	1.000	0.000	1.000	1.000	100%	\$240.00	\$240.00
66. TRAFFIC BUTTONS & PAVEMENT MARKERS - 4" REFLECTORIZED PAVEMENT MARKERS (6)	EA.	1933.000	0.000	1933.000	1933.000	100%	\$3.25	\$6,282.25
67. TYPE I THERMOPLASTIC TRAFFIC STRIPING - 4" WHITE SOLID STRIPE	L.F.	30400.000	0.000	24041.000	24041.000	79%	\$0.30	\$7,212.30
68. TYPE I THERMOPLASTIC TRAFFIC STRIPING - 4" WHITE LANE	L.F.	30400.000	0.000	20326.000	20326.000	67%	\$0.30	\$6,097.80
69. TYPE I THERMOPLASTIC TRAFFIC STRIPING - TURN ARROW (6)	EA.	41.000	0.000	41.000	41.000	100%	\$115.00	\$4,715.00
70. TYPE I THERMOPLASTIC TRAFFIC STRIPING - ONLY (6)	EA.	15.000	0.000	15.000	15.000	100%	\$150.00	\$2,250.00
71. TYPE I THERMPOLASTIC TRAFFIC STRIPING - 8" WHITE SOLID STRIPE (6)	L.F.	1690.000	0.000	1690.000	1690.000	100%	\$0.67	\$1,132.30

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72. TYPE I THERMOPLASTIC TRAFFIC STRIPING - 12" WHITE SOLID LINE	L.F.	960.000	0.000	960.000	960.000	100%	\$2.40	\$2,304.00
73. TYPE I THERMOPLASTIC TRAFFIC STRIPING - 24" WHITE SOLID LINE	L.F.	790.000	0.000	790.000	790.000	100%	\$4.40	\$3,476.00
74. TYPE I THERMOPLASTIC TRAFFIC STRIPING - 4" YELLOW SOLID LINE (6)	L.F.	36523.000	0.000	36523.000	36523.000	100%	\$0.30	\$10,956.90
75. TYPE I THERMOPLASTIC TRAFFIC STRIPING - 24" YELLOW SOLID LINE (6)	L.F.	2224.000	0.000	2224.000	2224.000	100%	\$4.40	\$9,785.60
76. TRAFFIC PAINT - YELLOW ESPLANADE NOSE	S.F.	471.000	0.000	471.000	471.000	100%	\$1.50	\$706.50
5 - TRAFFIC CONTROL PLAN								
77. TRAFFIC CONTROL - BARRICADES, BARRELS, CONES, SIGNING, FLAGMEN, ETC	MO	16.000	1.000	15.000	16.000	100%	\$3,200.00	\$51,200.00
78. TEMPORARY ASPHALT PAVEMENT (6" BLACK BASE) ON COMPACTED SUBGRADE FOR TRAFFIC CONTROL (TEMPORARY ASPHALT WILL BE MILLED & HAULED TO PCT. 4 STOCKPILE AT KUYKENDAHL RD. & SPRING STUEBNER RD.) (1) (3)	TON	6055.210	0.000	6055.030	6055.030	100%	\$69.00	\$417,797.07
78A. TEMPORARY ASPHALT PAVEMENT (2" HMAC) ON BLACK BASE FOR TRAFFIC CONTROL (TEMPORARY ASPHALT WILL BE MILLED & HAULED TO PCT. 4 STOCKPILE AT KUYKENDAHL RD. & SPRING STUEBNER RD.)	TON	1842.000	0.000	54.580	54.580	3%	\$50.00	\$2,729.00
79. TEMPORARY DRIVEWAY USING MILLED ASPHALT - COMMERCIAL	EA.	29.000	0.000	29.000	29.000	100%	\$1,000.00	\$29,000.00
80. TEMPORARY DRIVEWAY USING MILLED ASPHALT - RESIDENTIAL	EA.	12.000	0.000	12.000	12.000	100%	\$650.00	\$7,800.00
81. TEMPORARY WORK-ZONE PAVEMENT MARKINGS (4" WHITE) REMOVABLE	L.F.	110200.000	0.000	76916.000	76916.000	70%	\$0.49	\$37,688.84
82. TEMPORARY WORK-ZONE PAVEMENT MARKINGS (4" YELLOW) REMOVABLE	L.F.	115200.000	0.000	89835.000	89835.000	78%	\$0.50	\$44,917.50

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MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 - TRAFFIC CONTROL PLAN (CONTINUED)								
83. TEMPORARY WORK-ZONE PAVEMENT MARKINGS (8" WHITE) REMOVABLE	L.F.	6000.000	0.000	4654.000	4654.000	78%	\$0.89	\$4,142.06
84. TEMPORARY WORK-ZONE PAVEMENT MARKINGS (24" WHITE) REMOVABLE	L.F.	1600.000	0.000	659.000	659.000	41%	\$2.45	\$1,614.55
85. TEMPORARY SIGNAL	EA.	5.000	0.000	5.000	5.000	100%	\$23,850.00	\$119,250.00
6 - TRAFFIC SIGNAL (KUYKENDAHL AT FM 2920)								
86. FURNISH & INSTALL TRAFFIC SIGNAL MODIFICATION	L.S.	1.000	0.000	1.000	1.000	100%	\$4,000.00	\$4,000.00
87. VIVDS PROCESSOR SYSTEM	EA.	1.000	0.000	1.000	1.000	100%	\$14,150.00	\$14,150.00
88. VIVDS CAMERA ASSEMBLY	EA.	8.000	0.000	8.000	8.000	100%	\$1,565.00	\$12,520.00
89. VIVDS SEP-UP SYSTEM	EA.	1.000	0.000	1.000	1.000	100%	\$250.00	\$250.00
7 - TRAFFIC SIGNAL (KUYKENDAHL AT WAL-MART)								
90. FURNISH & INSTALL TRAFFIC SIGNAL MODIFICATION	L.S.	1.000	0.000	1.000	1.000	100%	\$19,400.00	\$19,400.00
91. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1252.000	0.000	1252.000	1252.000	100%	\$7.50	\$9,390.00
92. VIVDS SET-UP SYSTEM	EA.	1.000	0.000	1.000	1.000	100%	\$350.00	\$350.00
8 - TRAFFIC SIGNAL (KUYKENDAHL AT NORTHCREST/MOSSEY TERRACE)								
93. FURNISH & INSALL TRAFFIC SIGNAL CONTROL SYSTEM - (TYPE 1)	L.S.	1.000	0.000	1.000	1.000	100%	\$31,000.00	\$31,000.00
94. FURNISH & INSTALL 2070L ITS HC CONTROLLER UNIT	EA.	1.000	0.000	1.000	1.000	100%	\$3,850.00	\$3,850.00
95. FURNISH & INSTALL GROUND MOUNTED CABINET INCLUDING FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$23,000.00	\$23,000.00
96. FURNISH & INSTALL 34' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA.	4.000	0.000	4.000	4.000	100%	\$4,500.00	\$18,000.00
97. FURNISH & INSTALL FOUNDATION (10036) FOR 34' TRAFFIC SIGNAL STRAIN POLES	C.Y.	15.000	0.000	15.000	15.000	100%	\$750.00	\$11,250.00
98. FURNISH & INSTALL 400W H.P.S. LUMINARIES ON 15' ARM	EA.	1.000	0.000	1.000	1.000	100%	\$1,150.00	\$1,150.00

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MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 - TRAFFIC SIGNAL (KUYKENDAHL AT NORTHCREST/MOSSEY TERRACE) (CONTINUED)								
99. FURNISH & INSTALL ONE-WAY, 3-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	8.000	0.000	8.000	8.000	100%	\$625.00	\$5,000.00
100. FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,R,<Y,<G) W/GLASS LENSES	EA.	2.000	0.000	2.000	2.000	100%	\$875.00	\$1,750.00
101. FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS	EA.	8.000	0.000	8.000	8.000	100%	\$450.00	\$3,600.00
102. FURNISH & INSTALL PEDESTRIAN PUSH BUTTON & SIGN	EA.	8.000	0.000	8.000	8.000	100%	\$265.00	\$2,120.00
103. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1716.000	0.000	1716.000	1716.000	100%	\$7.50	\$12,870.00
104. FURNISH AND INSTALL METER LOOP, WIRE AND DISCONNECT ON 4" X 4" X 21' STEEL POLE [TY D (120/240) 070 (NS) SS (E) SP (O)]	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
9 - TRAFFIC SIGNAL (KUYKENDAHL AT SPRING STUEBNER/BOUDREAUX)								
105. FURNISH & INSTALL TRAFFIC SIGNAL CONTROL SYSTEM - (TYPE 1)	L.S.	1.000	0.000	1.000	1.000	100%	\$34,700.00	\$34,700.00
106. FURNISH & INSTALL 2070L ITS HC CONTROLLER UNIT	EA.	1.000	0.000	1.000	1.000	100%	\$3,850.00	\$3,850.00
107. FURNISH & INSTALL GROUND MOUNTED CABINET INCLUDING FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$23,000.00	\$23,000.00
108. FURNISH & INSTALL 34' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA.	4.000	0.000	4.000	4.000	100%	\$4,500.00	\$18,000.00
109. FURNISH & INSTALL FOUNDATION (10036) FOR 34' TRAFFIC SIGNAL STRAIN POLES	C.Y.	15.000	0.000	15.000	15.000	100%	\$750.00	\$11,250.00
110. FURNISH & INSTALL 15' PEDESTAL POLE INCLUDING 24"X48" REINFORCED CONCRETE FOUNDATION	EA.	2.000	0.000	2.000	2.000	100%	\$900.00	\$1,800.00
111. FURNISH & INSTALL 400W H.P.S. LUMINARIES ON 15' ARM	EA.	2.000	0.000	2.000	2.000	100%	\$1,050.00	\$2,100.00

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MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 - TRAFFIC SIGNAL (KUYKENDAHL AT SPRING STUEBNER/BOUDREAUX) (CONTINUED)								
112. FURNISH & INSTALL ONE WAY, 3-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	8.000	0.000	8.000	8.000	100%	\$625.00	\$5,000.00
113. FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,R,<Y,,G) W/ GLASS LENSES	EA.	4.000	0.000	4.000	4.000	100%	\$750.00	\$3,000.00
114. FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS	EA.	4.000	0.000	4.000	4.000	100%	\$450.00	\$1,800.00
115. FURNISH & INSTALL PEDESTRIAN PUSH BUTTON & SIGN	EA.	4.000	0.000	4.000	4.000	100%	\$265.00	\$1,060.00
116. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1672.000	0.000	1672.000	1672.000	100%	\$7.50	\$12,540.00
117. FURNISH AND INSTALL METER LOOP, SERVICE WIRE AND DISCONNECT ON 4" X 4" X 21' STEEL POLE [TY D (120/240) 070 (NS) SS (E) SP (O)]	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
10 - TRAFFIC SIGNAL (KUYKENDAHL AT HILDEBRANDT)								
118. FURNISH AND INSTALL TRAFFIC SIGNAL CONTROL SYSTEM - (TYPE 1)	L.S.	1.000	0.000	1.000	1.000	100%	\$31,500.00	\$31,500.00
119. FURNISH & INSTALL 2070L ITS HC CONTROLLER UNIT	EA.	1.000	0.000	1.000	1.000	100%	\$3,850.00	\$3,850.00
120. FURNISH & INSTALL GROUND MOUNTED CABINET INCLUDING FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$23,000.00	\$23,000.00
121. FURNISH & INSTALL 34' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA.	4.000	0.000	4.000	4.000	100%	\$4,500.00	\$18,000.00
122. FURNISH & INSTALL FOUNDATION (10036) FOR 34' TRAFFIC SIGNAL STRAIN POLES	C.Y.	15.000	0.000	15.000	15.000	100%	\$750.00	\$11,250.00
123. FURNISH & INSTALL 15' PEDESTAL POLE INCLUDING 24" X 48" REINFORCED CONCRETE FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$900.00	\$900.00
124. FURNISH & INSTALL 400W H.P.S. LUMINARIES ON 15' ARM	EA.	2.000	0.000	2.000	2.000	100%	\$1,050.00	\$2,100.00

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MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 SIGNAL (KUYKENDAHL AT HILDEBRANDT) (CONTINUED)								
125. FURNISH & INSTALL ONE-WAY, 3 SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	6.000	0.000	6.000	6.000	100%	\$625.00	\$3,750.00
126. FURNISH AND INSTALL ONE-WAY, 5-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,<G,G) W/GLASS LENSES	EA.	1.000	0.000	1.000	1.000	100%	\$1,100.00	\$1,100.00
127. FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS	EA.	4.000	0.000	4.000	4.000	100%	\$450.00	\$1,800.00
128. FURNISH & INSTALL PEDESTRIAN PUSH BUTTON & SIGN	EA.	4.000	0.000	4.000	4.000	100%	\$325.00	\$1,300.00
129. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1277.000	0.000	1277.000	1277.000	100%	\$7.50	\$9,577.50
130. FURNISH AND INSTALL METER LOOP, SERVICE WIRE AND DISCONNECT ON 4"X4"X21' STEEL POLE [TY D (120/240) 070 (NS) SS (E) SP (O)]	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
11 - TRAFFIC SIGNAL (KUYKENDAHL AT DOWELL)								
131. FURNISH & INSTALL TRAFFIC SIGNAL CONTROL SYSTEM - (TYPE 1)	L.S.	1.000	0.050	0.950	1.000	100%	\$31,000.00	\$31,000.00
132. FURNISH & INSTALL 2070L ITS HC CONTROLLER UNIT	EA.	1.000	0.000	1.000	1.000	100%	\$3,850.00	\$3,850.00
133. FURNISH & INSTALL GROUND MOUNTED CABINET INCLUDING FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$23,000.00	\$23,000.00
134. FURNISH & INSTALL 34' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA.	4.000	0.000	4.000	4.000	100%	\$4,500.00	\$18,000.00
135. FURNISH & INSTALL FOUNDATION (10036) FOR 34' TRAFFIC SIGNAL STRAIN POLES	C.Y.	15.000	0.000	15.000	15.000	100%	\$750.00	\$11,250.00
136. FURNISH & INSTALL 15' PEDESTAL POLE INCLUDING 24" X 48" REINFORCED CONCRETE FOUNDATION	EA.	3.000	0.000	3.000	3.000	100%	\$900.00	\$2,700.00
137. FURNISH & INSTALL 400W H.P.S. LUMINARIES ON 15' ARM	EA.	2.000	0.000	2.000	2.000	100%	\$1,050.00	\$2,100.00

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CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 SIGNAL (KUYKENDAHL AT DOWELL) (CONTINUED)								
138. FURNISH & INSTALL ONE-WAY, 3-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	8.000	0.000	8.000	8.000	100%	\$625.00	\$5,000.00
139. FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,R,<Y,<G) W/GLASS LENSES	EA.	4.000	0.000	4.000	4.000	100%	\$875.00	\$3,500.00
140. FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS	EA.	6.000	0.000	6.000	6.000	100%	\$450.00	\$2,700.00
141. FURNISH & INSTALL PEDESTRIAN PUSH BUTTON & SIGN	EA.	6.000	0.000	6.000	6.000	100%	\$265.00	\$1,590.00
142. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1670.000	0.000	1670.000	1670.000	100%	\$7.50	\$12,525.00
143. FURNISH AND INSTALL METER LOOP, SERVICE WIRE AND DISCONNECT ON 4" X 4" X 21' STEEL POLE [TY D (120/240) 070 (NS) SS (E) SP (O)]	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
12 - TRAFFIC SIGNAL (KUYKENDAHL AT WILLOW FOREST)								
144. FURNISH & INSTALL TRAFFIC SIGNAL CONTROL SYSTEM - (TYPE 1)	L.S.	1.000	0.050	0.950	1.000	100%	\$30,700.00	\$30,700.00
145. FURNISH & INSTALL 2070L ITS HC CONTROLLER UNIT	EA.	1.000	0.000	1.000	1.000	100%	\$3,850.00	\$3,850.00
146. FURNISH & INSTALL GROUND MOUNTED CABINET INCLUDING FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$23,000.00	\$23,000.00
147. FURNISH & INSTALL 34' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA.	4.000	0.000	4.000	4.000	100%	\$4,500.00	\$18,000.00
148. FURNISH & INSTALL FOUNDATION (10036) FOR 34' TRAFFIC SIGNAL STRAIN POLES	C.Y.	15.000	0.000	15.000	15.000	100%	\$750.00	\$11,250.00
149. FURNISH & INSTALL 15' PEDESTAL POLE INCLUDING 24" X 48" REINFORCED CONCRETE FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$900.00	\$900.00
150. FURNISH & INSTALL 400W H.P.S. LUMINARIES ON 15' ARM	EA.	2.000	0.000	2.000	2.000	100%	\$1,050.00	\$2,100.00

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CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 SIGNAL (KUYKENDAHL AT WILLOW FOREST) (CONTINUED)								
151. FURNISH & INSTALL ONE-WAY, 3-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	6.000	0.000	6.000	6.000	100%	\$600.00	\$3,600.00
152. FURNISH AND INSTALL ONE-WAY, 5-SECTION, 12" HORIZONTAL SPAN WIRE MOUNTED SIGNAL HEAD (R,Y,<Y,<G,G) W/GLASS LENSES	EA.	1.000	0.000	1.000	1.000	100%	\$1,100.00	\$1,100.00
153. FURNISH & INSTALL PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS	EA.	4.000	0.000	4.000	4.000	100%	\$450.00	\$1,800.00
154. FURNISH & INSTALL PEDESTRIAN PUSH BUTTON & SIGN	EA.	4.000	0.000	4.000	4.000	100%	\$265.00	\$1,060.00
155. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1288.000	1288.000	0.000	1288.000	100%	\$7.50	\$9,660.00
156. FURNISH AND INSTALL METER LOOP, SERVICE WIRE AND DISCONNECT ON 4" X 4" X 21' STEEL POLE [TY D (120/240) 070 (NS) SS (E) SP (O)]	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
13 - TRAFFIC SIGNAL (KUYKENDAHL AT KUYKENDAHL-HUFSMITH)								
157. FURNISH & INSTALL TRAFFIC SIGNAL CONTROL SYSTEM - (TYPE 1)	L.S.	1.000	0.050	0.950	1.000	100%	\$29,000.00	\$29,000.00
158. FURNISH & INSTALL 2070L ITS HC CONTROLLER UNIT	EA.	1.000	0.000	1.000	1.000	100%	\$3,850.00	\$3,850.00
159. FURNISH & INSTALL GROUND MOUNTED CABINET INCLUDING FOUNDATION	EA.	1.000	0.000	1.000	1.000	100%	\$23,000.00	\$23,000.00
160. FURNISH & INSTALL ALL EQUIPMENT FOR RAILWAY CONTROLLER TIE-IN	EA.	1.000	0.000	1.000	1.000	100%	\$450.00	\$450.00
161. FURNISH & INSTALL 30' STEEL STRAIN POLE INCLUDING ANCHOR BOLTS	EA.	3.000	0.000	3.000	3.000	100%	\$4,750.00	\$14,250.00
162. FURNISH & INSTALL FOUNDATION (10030) FOR 30' TRAFFIC SIGNAL STRAIN POLES	C.Y.	9.000	0.000	9.000	9.000	100%	\$775.00	\$6,975.00
163. FURNISH & INSTALL 25' MAST ARM	EA.	1.000	0.000	1.000	1.000	100%	\$3,425.00	\$3,425.00

Partial for Road and Bridge Project 1183

Unit of Measure Pay Estimate

ESTIMATE NO: 18

This Estimate Date: 1/11/2012

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 7/13/2010	WORK COMMENCED: 8/23/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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 - TRAFFIC SIGNAL (KUYKENDAHL AT KUYKENDAHL-HUFSMITH) (CONTINUED)								
164. FURNISH & INSTALL 30' MAST ARM	EA.	1.000	0.000	1.000	1.000	100%	\$3,700.00	\$3,700.00
165. FURNISH & INSTALL 40' MAST ARM	EA.	1.000	0.000	1.000	1.000	100%	\$4,150.00	\$4,150.00
166. FURNISH & INSTALL 400W H.P.S. LUMINARIES ON 15' ARM	EA.	2.000	0.000	2.000	2.000	100%	\$1,050.00	\$2,100.00
167. FURNISH & INSTALL ONE-WAY, 3-SECTION, 12" HORIZONTAL MAST ARM MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	6.000	0.000	6.000	6.000	100%	\$775.00	\$4,650.00
168. FURNISH & INSTALL ONE-WAY, 3-SECTION, 12" VERTICAL POLE MOUNTED SIGNAL HEAD (R,Y,G) W/GLASS LENSES	EA.	1.000	0.000	1.000	1.000	100%	\$800.00	\$800.00
169. FURNISH AND INSTALL ONE-WAY, 4-SECTION, 12" HORIZONTAL MAST ARM MOUNTED SIGNAL HEAD (R,R,<Y,<G) W/GLASS LENSES	EA.	1.000	0.000	1.000	1.000	100%	\$900.00	\$900.00
170. SAWCUT & INSTALL LOOP DETECTORS	L.F.	1298.000	1298.000	0.000	1298.000	100%	\$7.50	\$9,735.00
171. FURNISH AND INSTALL METER LOOP, SERVICE WIRE AND DISCONNECT ON 4" X 4" X 21' STEEL POLE [TY D (120/240) 070 (NS) SS (E) SP (O)]	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
14 - FIBER OPTICS								
172. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #RS900-24-N-L5L500 RUGGEDCOM MANAGED ETHERNET SWITCH, 50KM OPTICS, 24VDC	EA.	8.000	0.000	0.000	0.000	0%	\$2,050.00	\$0.00
173. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #41-81-0007 RUGGEDCOM RACK MOUNTING BRACKET	EA.	8.000	0.000	0.000	0.000	0%	\$130.00	\$0.00
174. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - DC POWER CABLE FOR RUGGEDOM SWITCH-SGI DATA COM PART #PC24VDCPT	EA.	24.000	0.000	0.000	0.000	0%	\$51.50	\$0.00

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 7/13/2010	WORK COMMENCED: 8/23/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	

PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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
14 - FIBER OPTICS (CONTINUED)								
175. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #615802R5131003F CORNING FIBER JUMBER, 3 FT, ST -SC DUPLEX SINGLEMODE ULTRA PC	EA.	16.000	0.000	0.000	0.000	0%	\$43.00	\$0.00
176. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #619802RJ131025F CORNING FIBER JUMBER, 25 FT, ST-MTRJ, DUPLEX SINGLEMODE ULTRA PC	EA.	16.000	0.000	0.000	0.000	0%	\$52.00	\$0.00
177. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - CAT5E DROP CABLE, 7 FT (WITH BOOTS)	EA.	16.000	0.000	0.000	0.000	0%	\$9.00	\$0.00
178. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - CAT5E DROP CABLE, 25 FT (WITH BOOTS)	EA.	16.000	0.000	0.000	0.000	0%	\$14.00	\$0.00
179. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #FG6-1S SUPERIOR MODULAR PRODUCTS FIBER GUARD, OSP ENCLOSURE, 5-PORT	EA.	8.000	0.000	0.000	0.000	0%	\$680.00	\$0.00
180. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #FGD-IH SUPERIOR MODULAR PRODUCTS FIBER GUARD DROP CABLE KIT, 1-HOLE	EA.	8.000	0.000	0.000	0.000	0%	\$57.00	\$0.00
181. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #FD-1T SUPERIOR MODULAR PRODUCTS FIBER GUARD DROP CABLE KIT, 2-HOLE	EA.	8.000	0.000	0.000	0.000	0%	\$57.00	\$0.00
182. ITEM TO BE PURCHASED & FURNISHED TO HARRIS COUNTY - PART #FGT-24S SUPERIOR MODULAR PRODUCTS FIBER GUARD SPLICE TRAY	EA.	8.000	0.000	0.000	0.000	0%	\$33.00	\$0.00
183. ITEMS TO BE INSTALLED AT THE INTERSECTIONS - PART #RTR12B12SMST SUPERIOR MODULAR PRODUCTS RACK MOUNT CABINET	EA.	8.000	0.000	0.000	0.000	0%	\$340.00	\$0.00

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 7/13/2010	WORK COMMENCED: 8/23/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	

PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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
14 - FIBER OPTICS (CONTINUED)								
184. ITEMS TO BE INSTALLED AT THE INTERSECTIONS - PART #616101R3131001F CORNING FIBER JUMPER, 1FT, ST-ST SIMPLEX SINGLEMODE HIGH TEMP RATED ULTRA PC	EA.	24.000	0.000	0.000	0.000	0%	\$26.50	\$0.00
185. ITEMS TO BE INSTLD AT THE INTERSECTIONS-PART #STUPC12X8R-XXXXF SUPERIOR MODULAR PRODUCTS SINGLEMODE DROP CABLE PRE-ASSEMBLED, FACTORY POLISHED CONNECTORS, XXXX FT (CABLE LENGTH VARIES BASED UPON CABINET LOCATION IN RELATION TO SPLICE POINT ON TRUNK FIBER	EA.	8.000	0.000	0.000	0.000	0%	\$450.00	\$0.00
186. ITEMS TO BE INSTALLED AT THE INTERSECTIONS - 144 STRAND FIBER OPTIC CABLE	L.F.	19084.000	0.000	0.000	0.000	0%	\$3.00	\$0.00
187. ITEMS TO BE INSTALLED AT THE INTERSECTIONS - 2" RMC	L.F.	96.000	0.000	0.000	0.000	0%	\$12.50	\$0.00
188. ITEMS TO BE INSTALLED AT THE INTERSECTIONS - AERIAL SPLICE ENCLOSURES	EA.	7.000	0.000	0.000	0.000	0%	\$700.00	\$0.00
15 - SWPPP								
189. TPDES GENERAL PERMIT NO. TXR150000 NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACTOR'S NOI FEE & HARRIS COUNTY'S NOI FEE)	EA.	2.000	0.000	2.000	2.000	100%	\$325.00	\$650.00
190. REINFORCED FILTER FABRIC BARRIER (6)	L.F.	4372.000	0.000	4372.000	4372.000	100%	\$1.20	\$5,246.40
191. INLET PROTECTION BARRIER, STAGE 1 (6)	EA.	55.000	0.000	55.000	55.000	100%	\$50.00	\$2,750.00
192. SWPPP INSPECTION AND MAINTENANCE	MO	16.000	1.000	15.000	16.000	100%	\$800.00	\$12,800.00
193. STABILIZED CONSTRUCTION ACCESS	S.Y.	2000.000	0.000	376.220	376.220	19%	\$0.10	\$37.62
194. CONCRETE TRUCK WASHOUT STRUCTURE	L.S.	1.000	0.000	1.000	1.000	100%	\$500.00	\$500.00
16 - EXTRA WORK ITEMS								

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COVERING PERIOD: 12/1/2011 THROUGH 12/31/2011	CONTRACT AWARDED: 7/13/2010	WORK COMMENCED: 8/23/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: ANGEL BROTHERS ENTERPRISES, INC.	PERCENT COMPLETE THIS ESTIMATE: 98.37	
PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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
16 - EXTRA WORK ITEMS (CONTINUED)								
195. UNIFORMED POLICE OFFICER FOR TRAFFIC CONTROL (AS REQUIRED BY ENGINEER) (MIN.BID \$25/UNIT) (3) (5)	HR	528.500	0.000	528.500	528.500	100%	\$40.00	\$21,140.00
196. #5 HORIZONTAL DOWELS, DRILLED AND EMBEDDED (4)	EA.	0.000	0.000	0.000	0.000	100%	\$8.00	\$0.00
197. BORROW	C.Y.	500.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
198. SEAL SLAB (7" THICKNESS) (4)	S.Y.	0.000	0.000	0.000	0.000	100%	\$25.00	\$0.00
199. WELL POINTING (MIN. BID \$15/UNIT) (4)	L.F.	0.000	0.000	0.000	0.000	100%	\$15.00	\$0.00
200. TEMPORARY DRAINAGE W/24" RCP (4)	L.F.	16.000	0.000	16.000	16.000	100%	\$38.50	\$616.00
20 - ITEMS ASSOCIATED WITH CIC# 10/0162-1								
201. REMOVE & DISPOSE OF EXISTING CONCRETE BOXES (5' X 3')	L.F.	662.000	0.000	662.000	662.000	100%	\$18.00	\$11,916.00
202. REMOVAL OF EXISTING GUARDRAIL	L.F.	415.000	0.000	415.000	415.000	100%	\$5.00	\$2,075.00
203. INSTALLATION OF NINETEEN (19) TEMPORARY TRAFFIC SIGNS	L.S.	1.000	0.000	1.000	1.000	100%	\$3,700.00	\$3,700.00
204. REINFORCED CONCRETE PIPE CLASS III WITH RUBBER GASKET ASTM C76-36" DIAMETER INSTALLED BY BORING UNDER OBSTRUCTION	L.F.	15.000	0.000	15.000	15.000	100%	\$500.00	\$7,500.00
205. REMOVAL OF EXISTING PAVEMENT MARKING, 4" WIDTH, WHITE OR YELLOW	L.F.	25384.000	0.000	25384.000	25384.000	100%	\$0.34	\$8,630.56
206. REMOVAL OF EXISTING PAVEMENT MARKING, 8" WIDTH, WHITE OR YELLOW	L.F.	924.000	0.000	924.000	924.000	100%	\$1.10	\$1,016.40
207. REMOVAL OF EXISTING PAVEMENT MARKING, 12" WIDTH, WHITE OR YELLOW	L.F.	106.000	0.000	106.000	106.000	100%	\$1.70	\$180.20
208. REMOVAL OF EXISTING PAVEMENT MARKING, 24" WIDTH, WHITE OR YELLOW	L.F.	1704.000	0.000	1704.000	1704.000	100%	\$2.30	\$3,919.20
209. REMOVAL OF EXISTING PAVEMENT MARKING, ARROW	EA.	18.000	0.000	18.000	18.000	100%	\$34.00	\$612.00
210. REMOVAL OF EXISTING PAVEMENT MARKING, WORD	EA.	11.000	0.000	11.000	11.000	100%	\$43.00	\$473.00

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PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR		

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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
20 - ITEMS ASSOCIATED WITH CIC# 10/0162-1 (CONTINUED)								
211. REMOVAL OF EXISTING PAVEMENT MARKERS	EA.	2233.000	0.000	2233.000	2233.000	100%	\$0.43	\$960.19
212. REMOVE & DISPOSE OF EXISTING CONCRETE BOXES (4' X 2')	L.F.	450.000	0.000	450.000	450.000	100%	\$15.00	\$6,750.00
213. ELETRONIC MESSAGE BOARDS FOR UNION PACIFIC TEMPORARY CLOSURE	EA.	3.000	0.000	3.000	3.000	100%	\$2,242.50	\$6,727.50
214. RAISE ELEVATION OF JUNCTION BOXES WITH TYPE "A" INLET TOPS	EA.	4.000	0.000	4.000	4.000	100%	\$500.00	\$2,000.00
215. RELOCATE EXISTING TXDOT TYPE 2 PULL BOX AND FIBER OPTIC CABLE	L.S.	1.000	0.000	1.000	1.000	100%	\$12,428.89	\$12,428.89
21 - ITEMS ASSOCIATED WITH CIC# 10/0162-2								
216. EXCAVATE UNSUITABLE MATERIAL ALONG DITCH LINE FROM STATION 2+00 TO STATION 18+00 AND STATION 58+00 TO STATION 106+00, HAUL, PLACE AND COMPACT BORROW MATERIAL	C.Y.	13652.000	0.000	13652.000	13652.000	100%	\$12.50	\$170,650.00
217. 18" FLY ASH STABILIZED SUBGRADE FROM STATION 58+00 TO STATION 106+00 INCLUDING WINDROWING AND REPLACEMENT OF 18" OF METERIAL TO EXPOSE SECONDARY SUBGRADE AND TO ACHEIVE FINAL GRADE ELEVATION	S.Y.	10667.000	0.000	10667.000	10667.000	100%	\$2.50	\$26,667.50
218. 18" FLY ASH STABILIZED SUBGRADE FROM STATION 58+00 TO STATION 106+00	S.Y.	10667.000	0.000	10667.000	10667.000	100%	\$2.50	\$26,667.50
22 - ITEMS ASSOCIATED WITH CIC# 10/0162-3								
219. TEMPORARY WHITE OR YELLOW PAVEMENT TABS	EA.	5000.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
220. BLOCK SODDING FOR EROSION CONTROL	S.Y.	6800.000	0.000	5100.000	5100.000	75%	\$4.00	\$20,400.00
221. ROCK FILTER DAM TYPE 2	L.F.	50.000	0.000	50.000	50.000	100%	\$47.00	\$2,350.00
23 - ITEMS ASSOCIATED WITH CIC# 10/0162-4								

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DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

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
23 - ITEMS ASSOCIATED WITH CIC# 10/0162-4 (CONTINUED)								
222. CONCRETE DROP STRUCTURE INCLUDING 10" CHANNEL LINING, REINFORCING STEEL, 4" CONCRETE SEAL SLAB AND TOEWALLS	L.S.	1.000	0.000	1.000	1.000	100%	\$36,000.00	\$36,000.00
223. REFLECTORIZED PAVEMENT MARKING, TYPE II FOR 6" CONCRETE CURB	L.F.	3050.000	0.000	0.000	0.000	0%	\$1.75	\$0.00
224. WORK ZONE PAVEMENT MARKINGS, WHITE, ARROW, NON-REMOVABLE	EA	3.000	0.000	3.000	3.000	100%	\$143.00	\$429.00
225. WORK ZONE PAVEMENT MARKINGS, WHITE, WORD, NON-REMOVABLE	EA	1.000	0.000	1.000	1.000	100%	\$154.00	\$154.00
226. WORK ZONE PAVEMENT MARKINGS, WHITE, RAILROAD CROSSING, NON-REMOVABLE	EA	2.000	0.000	2.000	2.000	100%	\$220.00	\$440.00

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PROJECT NAME: KUYKENDAHL ROAD "A" RECONSTRUCTION - PRECINCT FOUR

DESCRIPTION: KUYKENDAHL ROAD "A" RECONSTRUCTION FROM F.M. 2920 TO 300' NORTH OF WILLOW CREEK - PRECINCT FOUR

PURCHASE ORDER NO.: P176521 JOB NO: 10/0162

_____ Fund \$ _____	Total amount of work done to-date	\$8,961,435.22
_____ Fund \$ _____	Amount Retained (5%)	\$448,071.76
_____ Fund \$ _____	Previous payments	\$8,455,930.53
_____	Damages and items in contract not performed	\$0.00
_____	Total deductions	\$8,904,002.29
_____	Amount due for payment	\$57,432.93

County Auditor/Date

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: 18

Approvals

Architect/Engineer in Charge/Date

Director or Designee/Date

Total Calendar Days Allowed By Contract (480 + 63)	543
Total Calendar Days Used To Beginning of Period	465 + 0 S.C
Calendar Days Used This Period	31 + 0 S.C
Total Calendar Days Used At End Of This Period	496 + 0 S.C
Balance Of Calendar Days Allowed Under Contract	47

Original Days: 480 Original Amount: \$8,447,566.42

Change in Contracts

0 Days and	\$0.00	Added by No. 10/0162-Q1	(1)
0 Days and	\$0.00	Added by No. 10/0162-Q2	(2)
26 Days and	\$85,937.69	Added by No. 10/0162-1	(3)
30 Days and	\$87,233.95	Added by No. 10/0162-2	(4)
7 Days and	\$404,543.27	Added by No. 10/0162-3	(5)
0 Days and	\$84,556.65	Added by No. 10/0162-4	(6)

Total Contract Days: 543 Total Contract Amount: \$9,109,837.9

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 _____