

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 1 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	

PROJECT NAME: **BURKE RD - PCT. 2**

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127 JOB NO: 09/0392

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 - SITE PREPARATION ITEMS</b>								
1. VIDEOTAPING PROJECT IN ACCORDANCE WITH SPECIFICATIONS	L.S.	1.000	0.000	1.000	1.000	100%	\$2,211.40	\$2,211.40
2. CLEARING AND GRUBBING, INCLUDING CLEANUP (1)	STA.	56.400	0.000	56.400	56.400	100%	\$4,010.00	\$226,164.00
3. SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE ROADWAY (INCLUDING ASPHALT OVERLAY) (1)	S.Y.	24259.330	0.000	23977.517	23977.517	99%	\$1.65	\$39,562.90
4. MILL & DISPOSE OF EXISTING PAVEMENT	S.Y.	4550.000	0.000	2200.000	2200.000	48%	\$2.20	\$4,840.00
5. REMOVE AND DISPOSE OF EXISTING DRIVEWAYS & SIDEWALKS (ASPHALT OR CONCRETE - ALL DEPTHS)	S.Y.	6390.000	168.250	4492.750	4661.000	73%	\$1.00	\$4,661.00
6. REMOVE AND DISPOSE OF EXISTING STRUCTURES (MANHOLES, INLETS AND JUNCTION BOXES)	EA.	27.000	0.000	27.000	27.000	100%	\$200.00	\$5,400.00
7. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL SIZES) (3)	L.F.	1122.000	0.000	1122.000	1122.000	100%	\$15.00	\$16,830.00
8. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND MEDIAN ON RED BLUFF ROAD	L.F.	140.000	0.000	140.000	140.000	100%	\$1.00	\$140.00
9. FURNISH AND INSTALL HARRIS COUNTY PROJECT SIGN	EA.	2.000	0.000	2.000	2.000	100%	\$600.00	\$1,200.00
9A. TREE PROTECTION AND TRIMMING	L.S.	1.000	0.000	1.000	1.000	100%	\$5,000.00	\$5,000.00
<b>2 - ROADWAY ITEMS</b>								
10. ROADWAY EXCAVATION INCLUDING 3-INCH TOPSOIL STRIPPING (1)	C.Y.	17291.561	0.000	17291.560	17291.560	100%	\$7.00	\$121,040.92
11. FURNISH AND INSTALL LIME STABILIZED SUBGRADE (7% LIME) (8 - DEPTH) (1) (3)	S.Y.	30051.000	1006.250	15650.070	16656.320	55%	\$1.50	\$24,984.48
12. LIME SLURRY (COMMERCIAL GRADE) FOR SUBGRADE STABILIZATION (1) (3)	TON	758.000	42.720	448.800	491.520	65%	\$135.00	\$66,355.20
13. FURNISH AND INSTALL 10-INCH THICK JOINTED REINFORCED CONCRETE PAVEMENT (1) (3)	S.Y.	28620.330	2182.330	19120.490	21302.820	74%	\$30.75	\$655,061.72

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 2 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>2 - ROADWAY ITEMS (CONTINUED)</b>								
14. FURNISH AND INSTALL 10-INCH THICK REINFORCED CONCRETE PAVEMENT (HIGH EARLY STRENGTH) (3)	S.Y.	4360.000	0.000	4360.000	4360.000	100%	\$45.00	\$196,200.00
15. FURNISH AND INSTALL REINFORCED CONCRETE CURB (6-INCH) (1)	L.F.	8354.000	0.000	3685.920	3685.920	44%	\$1.80	\$6,634.66
16. FURNISH AND INSTALL REINFORCED CONCRETE CURB WALL	C.Y.	26.000	1.520	21.750	23.270	90%	\$230.00	\$5,352.10
17. FURNISH AND INSTALL REINFORCED CONCRETE DRIVEWAYS (10-INCH)	S.Y.	2882.000	0.000	2882.000	2882.000	100%	\$46.00	\$132,572.00
18. FURNISH AND INSTALL REINFORCED CONCRETE SIDEWALK (4 1/2 - IN.)	S.Y.	4618.000	277.770	3466.970	3744.740	81%	\$29.00	\$108,597.46
19. FURNISH AND INSTALL REINFORCED CONCRETE PEDESTRIAN RAMPS (COLORED BOMITE BRICK RED) WITH TRUNCATED DOME PAVERS	S.Y.	264.000	0.000	35.440	35.440	13%	\$88.00	\$3,118.72
<b>3 - STORM SEWER ITEMS</b>								
20. FURNISH AND INSTALL TRENCH SAFETY SYSTEM (5 - 10 FEET)	L.F.	2530.000	0.000	2530.000	2530.000	100%	\$0.20	\$506.00
20A. FURNISH AND INSTALL TRENCH SAFETY SYSTEM (10 - 15 FEET)	L.F.	600.000	0.000	600.000	600.000	100%	\$0.50	\$300.00
21. FURNISH AND INSTALL REINFORCED CONCRETE PIPE, 24-INCH (C-76 CLASS III) WITH RUBBER GASKETS (3)	L.F.	2873.000	0.000	2873.000	2873.000	100%	\$40.00	\$114,920.00
22. FURNISH AND INSTALL REINFORCED CONCRETE ARCH PIPE (19-INCH x 30-INCH)(C-76 CLASS III) WITH RUBBER GASKETS	L.F.	38.000	0.000	38.000	38.000	100%	\$56.00	\$2,128.00
24. FURNISH AND INSTALL REINFORCED CONCRETE PIPE, 36-INCH (C-76 CLASS III) WITH RUBBER GASKETS	L.F.	150.000	0.000	150.000	150.000	100%	\$66.00	\$9,900.00
25. FURNISH AND INSTALL REINFORCED CONCRETE PIPE, 42-INCH (C-76 CLASS III) WITH RUBBER GASKETS (3)	L.F.	680.000	0.000	680.000	680.000	100%	\$84.00	\$57,120.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

ESTIMATE NO: 20

This Estimate Date: 1/11/2012

Page 3 of 16

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	

PROJECT NAME: BURKE RD - PCT. 2

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127

JOB NO: 09/0392

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>3 - STORM SEWER ITEMS (CONTINUED)</b>								
26. FURNISH AND INSTALL REINFORCED CONCRETE PIPE, 66-INCH (C-76 CLASS III) WITH RUBBER GASKETS	L.F.	90.000	0.000	64.000	64.000	71%	\$215.00	\$13,760.00
27. FURNISH AND INSTALL REINFORCED CONCRETE PIPE, 72-INCH (C-75 CLASS III) WITH RUBBER GASKETS	L.F.	78.000	0.000	78.000	78.000	100%	\$261.00	\$20,358.00
28. FURNISH AND INSTALL CONCRETE CURB INLETS (C.O.P.)	EA.	44.000	0.000	44.000	44.000	100%	\$1,750.00	\$77,000.00
29. FURNISH AND INSTALL PRECAST CONCRETE MANHOLE	EA.	19.000	0.000	14.000	14.000	74%	\$2,650.00	\$37,100.00
29A. FURNISH AND INSTALL STORM SEWER MANHOLE (TO BE CONSTRUCTED) OVER EXISTING STORM SEWER (3)	EA.	4.000	0.000	4.000	4.000	100%	\$1,950.00	\$7,800.00
30. PRECAST CONCRETE MANHOLE WITH CURB INLET TOP	EA.	1.000	0.000	1.000	1.000	100%	\$3,950.00	\$3,950.00
30A. FURNISH AND INSTALL STORM SEWER MANHOLE WITH CURB INLET TOP (TO BE CONSTRUCTED OVER EXISTING STORM SEWER) (3)	EA.	4.000	0.000	4.000	4.000	100%	\$3,250.00	\$13,000.00
31. ADJUST EXISTING STORM MANHOLE (3)	EA.	4.000	0.000	4.000	4.000	100%	\$275.00	\$1,100.00
32. CLOSED CIRCUIT TELEVISION INSPECTION OF AS BUILT STORM SEWER SYSTEMS	L.S.	1.000	0.000	0.000	0.000	0%	\$3,500.00	\$0.00
<b>4 - SIGNING AND PAVEMENT MARKING ITEMS</b>								
33. THERMOPLASTIC PAVEMENT MARKING (4 IN.) (BLACK/WHITE CONTRAST) (1)	L.F.	3725.000	0.000	1040.000	1040.000	28%	\$0.70	\$728.00
34. THERMOPLASTIC PAVEMENT MARKING (8 IN.) (WHITE) (SOLID) (1)	L.F.	865.000	0.000	400.000	400.000	46%	\$1.00	\$400.00
35. THERMOPLASTIC PAVEMENT MARKING (12 IN.) (WHITE) (SOLID)	L.F.	1890.000	0.000	532.000	532.000	28%	\$2.00	\$1,064.00
36. THERMOPLASTIC PAVEMENT MARKING (24 IN.) (WHITE) (SOLID)	L.F.	586.000	0.000	164.000	164.000	28%	\$4.50	\$738.00
37. THERMOPLASTIC PAVEMENT MARKING (4 IN.) (YELLOW) (SOLID) (1)	L.F.	8880.000	0.000	6036.000	6036.000	68%	\$0.45	\$2,716.20

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 4 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>4 - SIGNING AND PAVEMENT MARKING ITEMS (CONTINUED)</b>								
38. THERMOPLASTIC PAVEMENT MARKING (24 IN.) (YELLOW) (SOLID)	L.F.	319.000	0.000	92.000	92.000	29%	\$4.50	\$414.00
39. REFL. RAISED PVMT. MARKER (TYPE II-AA) (1)	EA.	496.000	0.000	302.000	302.000	61%	\$3.50	\$1,057.00
40. REFL. RAISED PVMT. MARKER (TYPE I-C) (1)	EA.	190.000	0.000	190.000	190.000	100%	\$4.50	\$855.00
41. NONREFL. RAISED PVMT. BUTTON (YELLOW) (1)	EA.	216.000	0.000	144.000	144.000	67%	\$3.50	\$504.00
42. NONREFL. RAISED PVMT. BUTTON (WHITE) (1)	EA.	308.000	0.000	80.000	80.000	26%	\$3.50	\$280.00
43. THERMOPLASTIC PAVEMENT MARKING (LEFT OR RIGHT ARROW) (TYPE I)	EA.	10.000	0.000	2.000	2.000	20%	\$90.00	\$180.00
44. THERMOPLASTIC PAVEMENT MARKING (WORD "ONLY") (TYPE I)	EA.	10.000	0.000	5.000	5.000	50%	\$100.00	\$500.00
45. ALUMINUM TRAFFIC SIGNS WITH DIAMOND GRADE SHEETING	EA.	35.000	0.000	2.000	2.000	6%	\$375.00	\$750.00
<b>5 - TRAFFIC SIGNALIZATION ITEMS</b>								
46. FURNISH AND INSTALL TRAFFIC CONTROL SYSTEM AT SOUTHMORE (EXCLUDING ITEMS LISTED BELOW)	L.S.	1.000	0.250	0.250	0.500	50%	\$18,000.00	\$9,000.00
47. FURNISH AND INSTALL NAZTEC 900 SERIES CONTROLLER UNIT (OR APPROVED EQUAL) AT SOUTHMORE STREET	EA.	1.000	0.000	0.648	0.648	65%	\$5,400.00	\$3,499.20
48. FURNISH AND INSTALL GROUND MOUNTED CABINET (FOR NAZTEC 900 SERIES CONTROLLER OR APPROVED EQUAL) INCLUDING FOUNDATION AT SOUTHMORE STREET	EA.	1.000	0.000	0.857	0.857	86%	\$21,000.00	\$17,997.00
49. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 44' MAST ARM AT SOUTHMORE STREET	EA.	2.000	0.000	2.000	2.000	100%	\$6,300.00	\$12,600.00
50. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 40' MAST ARM AT SOUTHMORE STREET	EA.	2.000	0.000	2.000	2.000	100%	\$6,000.00	\$12,000.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

ESTIMATE NO: 20

This Estimate Date: 1/11/2012

Page 5 of 16

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: BURKE RD - PCT. 2		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127 JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
51. FURNISH AND INSTALL FOUNDATIONS (36" DRILL SHAFT) FOR CANTILEVER POLES AT SOUTHMORE STREET	VF	60.800	0.000	60.800	60.800	100%	\$200.00	\$12,160.00
52. FURNISH AND INSTALL PUSH BUTTON ASSEMBLY AT SOUTHMORE	EA.	8.000	0.000	0.800	0.800	10%	\$500.00	\$400.00
53. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 3-SECTION, 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RAG) WITH LED LAMPS AT SOUTHMORE STREET	EA.	4.000	-1.000	4.000	3.000	75%	\$500.00	\$1,500.00
54. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 5-SECTION, 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RA<A<GG) WITH LED LAMPS AT SOUTHMORE STREET	EA.	4.000	-1.000	4.000	3.000	75%	\$700.00	\$2,100.00
55. FURNISH AND INSTALL POLYCARBONATE PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS, WITH LED LAMPS WITH BUTTON AND SIGN AT SOUTHMORE STREET	EA.	8.000	0.200	7.800	8.000	100%	\$500.00	\$4,000.00
56. FURNISH AND INSTALL SPREAD SPECTRUM RADIO & ANTENNA AT SOUTHMORE STREET	EA.	1.000	0.200	0.800	1.000	100%	\$5,000.00	\$5,000.00
57. FURNISH AND INSTALL VIVDS PROCESSOR SYSTEM AT SOUTHMORE	EA.	1.000	0.500	0.500	1.000	100%	\$4,700.00	\$4,700.00
58. FURNISH AND INSTALL STREET NAME SIGNS (DIAMOND GRADE) AT SOUTHMORE STREET	EA.	2.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
59. FURNISH AND INSTALL METER LOOP, SERVICE DISCONNECT, AND P.E. CELL, COMPLETE IN PLACE AT SOUTHMORE STREET	EA.	1.000	0.000	0.000	0.000	0%	\$3,000.00	\$0.00
60. FURNISH AND INSTALL 4 1/2' x 21' STEEL POLE, COMPLETE IN PLACE AT SOUTHMORE STREET	EA.	1.000	0.000	0.000	0.000	0%	\$650.00	\$0.00
60A. FURNISH AND INSTALL VIVDS CAMERA ASSEMBLY AT SOUTHMORE STREET	EA.	4.000	0.000	2.000	2.000	50%	\$1,700.00	\$3,400.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

ESTIMATE NO: 20

This Estimate Date: 1/11/2012

Page 6 of 16

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: BURKE RD - PCT. 2		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127 JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
60B. FURNISH AND INSTALL VIVDS SYSTEM SETUP AT SOUTHMORE STREET	EA.	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
61. JENKINS STREET SIGNAL - FURNISH AND INSTALL A TRAFFIC CONTROL SYSTEM AT JENKINS STREET (EXCLUDING ITEMS LISTED BELOW)	L.S.	1.000	0.250	0.400	0.650	65%	\$19,000.00	\$12,350.00
62. FURNISH AND INSTALL NAZTEC 900 SERIES CONTROLLER UNIT (OR APPROVED EQUAL) AT JENKINS STREET	EA.	1.000	0.000	1.000	1.000	100%	\$5,400.00	\$5,400.00
63. FURNISH AND INSTALL GROUND MOUNTED CABINET (FOR NAZTEC 900 SERIES CONTROLLER OR APPROVED EQUAL) INCLUDING FOUNDATION AT JENKINS STREET	EA.	1.000	0.000	1.000	1.000	100%	\$21,000.00	\$21,000.00
64. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 40' MAST ARM AT JENKINS STREET	EA.	1.000	1.000	0.000	1.000	100%	\$6,000.00	\$6,000.00
65. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 36' MAST ARM AT JENKINS STREET	EA.	2.000	2.000	0.000	2.000	100%	\$5,500.00	\$11,000.00
66. FURNISH AND INSTALL FOUNDATIONS (36" DRILL SHAFT) FOR CANTILEVER POLE AT JENKINS STREET	VF	41.600	0.000	41.000	41.000	99%	\$200.00	\$8,200.00
67. FURNISH AND INSTALL PUSH BUTTON ASSEMBLY AT JENKINS STREET	EA.	4.000	0.000	0.400	0.400	10%	\$500.00	\$200.00
68. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 3-SECTION, 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RAG) WITH LED LAMPS AT JENKINS STREET	EA.	5.000	0.000	2.500	2.500	50%	\$500.00	\$1,250.00
69. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 5-SECTION, 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RA-A<GG) WITH LED LAMPS AT JENKINS STREET	EA.	1.000	0.000	0.500	0.500	50%	\$700.00	\$350.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 7 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	

PROJECT NAME: **BURKE RD - PCT. 2**

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
70. FURNISH AND INSTALL POLYCARBONATE PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS, WITH LED LAMPS WITH BUTTON AND SIGN AT JENKINS STREET	EA.	4.000	0.000	2.400	2.400	60%	\$500.00	\$1,200.00
71. FURNISH AND INSTALL SPREAD SPECTRUM RADIO & ANTENNA AT JENKINS STREET	EA.	1.000	0.000	0.800	0.800	80%	\$5,000.00	\$4,000.00
72. FURNISH AND INSTALL VIVDS PROCESSOR SYSTEM AT JENKINS STREET	EA.	1.000	0.000	0.500	0.500	50%	\$4,700.00	\$2,350.00
72A. FURNISH AND INSTALL VIVDS CAMERA ASSEMBLY AT JENKINS STREET	EA.	3.000	1.500	1.500	3.000	100%	\$1,700.00	\$5,100.00
72B. FURNISH AND INSTALL VIVDS SYSTEM SET-UP AT JENKINS STREET	EA.	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
73. FURNISH AND INSTALL STREET NAME SIGNS (DIAMOND GRADE) AT JENKINS STREET	EA.	3.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
74. FURNISH AND INSTALL METER LOOP, SERVICE DISCONNECT, AND P.E. CELL, COMPLETE IN PLACE AT JENKINS STREET	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
75. FURNISH AND INSTALL 4 1/2' x 21' STEEL POLE, COMPLETE IN PLACE AT JENKINS STREET	EA.	2.000	0.000	1.000	1.000	50%	\$650.00	\$650.00
76. HARRIS AVENUE INTERSECTION - FURNISH AND INSTALL A TRAFFIC CONTROL SYSTEM AT HARRIS AVENUE (EXCLUDING ITEMS LISTED BELOW)	L.S.	1.000	0.000	0.400	0.400	40%	\$19,000.00	\$7,600.00
77. FURNISH AND INSTALL NAZTEC 900 SERIES CONTROLLER UNIT (OR APPROVED EQUAL) AT HARRIS AVENUE	EA.	1.000	0.000	0.737	0.737	74%	\$5,400.00	\$3,979.80
78. FURNISH AND INSTALL GROUND MOUNTED CABINET (FOR NAZTEC 900 CONTROLLER OR APPROVED EQUAL) INCLUDING FOUNDATION AT HARRIS AVENUE	EA.	1.000	0.000	0.871	0.871	87%	\$21,000.00	\$18,291.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 8 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
79. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 44' MAST ARM AT HARRIS AVENUE	EA.	2.000	1.000	1.000	2.000	100%	\$6,300.00	\$12,600.00
80. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 36' MAST ARM AT HARRIS AVENUE	EA.	1.000	0.000	1.000	1.000	100%	\$5,500.00	\$5,500.00
81. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 32' MAST ARM AT HARRIS AVENUE	EA.	1.000	1.000	0.000	1.000	100%	\$5,400.00	\$5,400.00
82. FURNISH AND INSTALL FOUNDATIONS (36" DRILL SHAFT) FOR CANTILEVER POLES AT HARRIS AVENUE	VF	56.800	0.000	56.800	56.800	100%	\$200.00	\$11,360.00
83. FURNISH AND INSTALL PUSH BUTTON ASSEMBLY AT HARRIS AVENUE	EA.	8.000	0.000	0.800	0.800	10%	\$500.00	\$400.00
84. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 3-SECTION 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RAG) WITH LED LAMPS AT HARRIS AVENUE	EA.	7.000	0.000	3.500	3.500	50%	\$500.00	\$1,750.00
85. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 5-SECTION, 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RA<A<GG) WITH LED LAMPS AT HARRIS AVENUE	EA.	3.000	0.000	1.500	1.500	50%	\$700.00	\$1,050.00
86. FURNISH AND INSTALL POLYCARBONATE PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS, WITH LED LAMPS WITH BUTTON AND SIGN AT HARRIS AVENUE	EA.	8.000	0.000	4.000	4.000	50%	\$600.00	\$2,400.00
87. FURNISH AND INSTALL SPREAD SPECTRUM RADIO & ANTENNA AT HARRIS AVENUE	EA.	1.000	0.000	0.800	0.800	80%	\$5,000.00	\$4,000.00
88. FURNISH AND INSTALL VIVDS PROCESSOR SYSTEM AT HARRIS AVENUE	EA.	1.000	0.000	0.500	0.500	50%	\$4,700.00	\$2,350.00
88A. FURNISH AND INSTALL VIVDS CAMERA ASSEMBLY AT HARRIS AVENUE	EA.	4.000	0.000	2.000	2.000	50%	\$1,700.00	\$3,400.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 9 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	

PROJECT NAME: **BURKE RD - PCT. 2**

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
88B. FURNISH AND INSTALL VIVDS SYSTEM SET-UP AT HARRIS AVENUE	EA.	1.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
89. FURNISH AND INSTALL STREET NAME SIGNS (DIAMOND GRADE) AT HARRIS AVENUE	EA.	4.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
90. FURNISH AND INSTALL METER LOOP, SERVICE DISCONNECT, AND P.E. CELL, COMPLETE IN PLACE AT HARRIS AVENUE	EA.	1.000	0.000	0.000	0.000	0%	\$3,000.00	\$0.00
91. FURNISH AND INSTALL 4 1/2' x 21' STEEL POLE, COMPLETE IN PLACE AT HARRIS AVENUE	EA.	1.000	0.000	0.000	0.000	0%	\$650.00	\$0.00
92. RED BLUFF ROAD SIGNAL - FURNISH AND INSTALL A TRAFFIC CONTROL SYSTEM AT RED BLUFF ROAD (EXCLUDING ITEMS LISTED BELOW)	L.S.	1.000	0.000	1.000	1.000	100%	\$18,000.00	\$18,000.00
93. FURNISH AND INSTALL NAZTEC 900 SERIES CONTROLLER UNIT (OR APPROVED EQUAL) AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$5,400.00	\$5,400.00
94. FURNISH AND INSTALL GROUND MOUNTED CABINET (FOR NAZTEC 900 SERIES CONTROLLER OR APPROVED EQUAL) INCLUDING FOUNDATION AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$21,000.00	\$21,000.00
95. FURNISH AND INSTALL STEEL 19' SIGNAL POLE ASSEMBLY WITH 44' MAST ARM AT RED BLUFF ROAD	EA.	2.000	0.000	2.000	2.000	100%	\$6,000.00	\$12,000.00
96. FURNISH AND INSTALL 19' STEEL SIGNAL POLE ASSEMBLY WITH 36' MAST ARM AT RED BLUFF ROAD	EA.	2.000	0.000	2.000	2.000	100%	\$5,500.00	\$11,000.00
97. FURNISH AND INSTALL FOUNDATION (36" DRILL SHAFT) FOR CANTILEVER POLES AT RED BLUFF ROAD	VF	56.800	0.000	56.800	56.800	100%	\$200.00	\$11,360.00
98. FURNISH AND INSTALL PUSH BUTTON ASSEMBLY AT RED BLUFF ROAD	EA.	8.000	0.000	8.000	8.000	100%	\$500.00	\$4,000.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

ESTIMATE NO: 20

This Estimate Date: 1/11/2012

Page 10 of 16

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: BURKE RD - PCT. 2		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127 JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
99. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 3-SECTION 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RAG) WITH LED LAMPS AT RED BLUFF ROAD	EA.	4.000	0.000	4.000	4.000	100%	\$500.00	\$2,000.00
100. FURNISH AND INSTALL ONE-WAY POLYCARBONATE, 5-SECTION, 12" HORIZONTAL SPAN MOUNT SIGNAL HEAD (RA<A<GG) WITH LED LAMPS AT RED BLUFF ROAD	EA.	4.000	0.000	4.000	4.000	100%	\$700.00	\$2,800.00
101. FURNISH AND INSTALL POLYCARBONATE PEDESTRIAN SIGNAL HEAD "INTERNATIONAL" INDICATIONS, WITH LED LAMPS WITH BUTTON AND SIGN AT RED BLUFF ROAD	EA.	8.000	0.000	8.000	8.000	100%	\$600.00	\$4,800.00
102. FURNISH AND INSTALL SPREAD SPECTRUM RADIO & ANTENNA AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$5,000.00	\$5,000.00
103. FURNISH AND INSTALL VIVDS PROCESSOR SYSTEM AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$4,700.00	\$4,700.00
104. FURNISH AND INSTALL STREET NAME SIGNS (DIAMOND GRADE) AT RED BLUFF ROAD	EA.	4.000	0.000	4.000	4.000	100%	\$500.00	\$2,000.00
104A. FURNISH AND INSTALL VIVDS CAMERA ASSEMBLY AT RED BLUFF ROAD	EA.	4.000	0.000	4.000	4.000	100%	\$1,700.00	\$6,800.00
104B. FURNISH AND INSTALL VIVDS SYSTEM SET-UP AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$500.00	\$500.00
105. FURNISH AND INSTALL 4 1/2 x 21' STEEL POLE, COMPLETE IN PLACE AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$650.00	\$650.00
106. FURNISH AND INSTALL METER LOOP, SERVICE DISCONNECT, AND P.E. CELL, COMPLETE IN PLACE AT RED BLUFF ROAD	EA.	1.000	0.000	1.000	1.000	100%	\$3,000.00	\$3,000.00
107. SCHOOL ZONE FLASHERS - FURNISH AND INSTALL TRAFFIC CONTROL SYSTEM FOR SCHOOL ZONE FLASHERS COMPLETE IN PLACE, (EXCEPT FOR THE ITEMS LISTED BELOW)	L.S.	1.000	0.000	0.682	0.682	68%	\$11,000.00	\$7,502.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 11 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>5 - TRAFFIC SIGNALIZATION ITEMS (CONTINUED)</b>								
108. ROADSIDE BEACON ASSEMBLY, COMPLETE IN PLACE, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	4.000	0.000	3.500	3.500	88%	\$4,000.00	\$14,000.00
109. SALVAGE SCHOOL ZONE SIGNALS, IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	4.000	0.000	0.000	0.000	0%	\$400.00	\$0.00
110. ONE-WAY 1-SECTION, 12" TRAFFIC SIGNAL LAMP (YELLOW), COMPLETE IN PLACE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS	EA.	8.000	0.000	4.667	4.667	58%	\$300.00	\$1,400.10
111. REMOVE AND RELOCATE EXISTING TRAFFIC CONTROL ASSEMBLY AT PEDESTRIAN CROSSING, COMPLETE IN PLACE	L.S.	1.000	0.000	1.000	1.000	100%	\$550.00	\$550.00
111A. REMOVE ENTIRE EXISTING 15-FOOT LONG 36" DRILLED SHAFT TRAFFIC POLE FOUNDATION AT CROSSWALK (APPROX. STA 15+85)	EA.	1.000	1.000	0.000	1.000	100%	\$2,700.00	\$2,700.00
111B. FURNISH AND INSTALL FOUNDATIONS (36" DRILLED SHAFT) FOR CANTILEVER POLE AT CROSSWALK (APPROX. STA 15+85)	VF	15.000	0.000	0.000	0.000	0%	\$200.00	\$0.00
<b>6 - TRAFFIC CONTROL ITEMS</b>								
112. TRAFFIC CONTROL (INCLUDE BARRICADES AND CONSTRUCTION SIGNING)	MO	12.000	0.000	12.000	12.000	100%	\$1,800.00	\$21,600.00
112A. ADJUST MANHOLES AND/OR INLETS AS REQUIRED FOR INSTALLATION OF TEMPORARY PAVEMENT	EA.	2.000	0.000	2.000	2.000	100%	\$300.00	\$600.00
113. TEMPORARY DRIVEWAYS	EA.	48.000	0.000	48.000	48.000	100%	\$1,000.00	\$48,000.00
114. HOT MIX ASPHALTIC CONCRETE BASE COURSE (BLACK BASE) FOR DETOUR (7" THICK)	TON	2400.000	0.000	1653.100	1653.100	69%	\$60.00	\$99,186.00
115. HOT MIX-HOT LAID ASPHALTIC CONCRETE SURFACE COURSE FOR DETOUR (2" THICK)	TON	685.000	0.000	622.800	622.800	91%	\$70.00	\$43,596.00
116. WORK ZONE PVMT. MARKINGS (4 IN.) (YELLOW) (SOLID) (1) (3)	L.F.	18146.000	0.000	18146.000	18146.000	100%	\$0.55	\$9,980.30

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 12 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>6 - TRAFFIC CONTROL ITEMS (CONTINUED)</b>								
117. WORK ZONE PVMT. MARKINGS (4 INC.) (WHITE) (SOLID) (1)	L.F.	6125.000	0.000	6125.000	6125.000	100%	\$0.55	\$3,368.75
118. FURNISH, INSTALL, MAINTAIN AND REMOVE EXIST & TEMPORARY TRAFFIC SIGNALS AT SOUTHMORE STREET	L.S.	1.000	0.000	0.800	0.800	80%	\$17,000.00	\$13,600.00
119. FURNISH, INSTALL, MAINTAIN AND REMOVE EXIST & TEMPORARY TRAFFIC SIGNALS AT HARRIS STREET	L.S.	1.000	0.000	0.800	0.800	80%	\$15,000.00	\$12,000.00
120. FURNISH, INSTALL, MAINTAIN AND REMOVE EXIST & TEMPORARY TRAFFIC SIGNALS AT RED BLUFF ROAD	L.S.	1.000	0.000	1.000	1.000	100%	\$17,000.00	\$17,000.00
121. WORK ZONE PVMT. MARKINGS (24 INC.) (WHITE) (SOLID)	L.F.	280.000	0.000	202.000	202.000	72%	\$8.00	\$1,616.00
<b>7 - STORMWATER POLLUTION PREVENTION ITEMS</b>								
122. STAGE 1 INLET PROTECTION BARRIER	EA.	51.000	0.000	41.000	41.000	80%	\$42.00	\$1,722.00
123. STAGE 2 INLET PROTECTION BARRIER	L.F.	612.000	0.000	82.000	82.000	13%	\$1.50	\$123.00
124. REINFORCED FILTER FABRIC FENCE	L.F.	2000.000	0.000	430.000	430.000	22%	\$1.00	\$430.00
125. STABILIZED CONSTRUCTION ACCESS AND SPECIFICATIONS	S.Y.	300.000	0.000	0.000	0.000	0%	\$12.00	\$0.00
126. BLOCK SODDING (ROADWAY) (1)	S.Y.	3098.000	0.000	540.000	540.000	17%	\$2.50	\$1,350.00
127. CONCRETE TRUCK WASHOUT STRUCTURE	L.S.	1.000	0.000	1.000	1.000	100%	\$350.00	\$350.00
128. TPDES GENERAL PERMIT APPLICATION FEE	EA.	1.000	0.000	1.000	1.000	100%	\$325.00	\$325.00
<b>8 - ENVIRONMENTAL ITEMS</b>								
129. PREPARE, MANAGE AND CLOSE OUT SITE SPECIFIC HEALTH AND SAFETY PLAN FOR THE DURATION OF THE PROJECT	L.S.	1.000	0.000	1.000	1.000	100%	\$10,000.00	\$10,000.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 13 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>8 - ENVIRONMENTAL ITEMS (CONTINUED)</b>								
130. PREPARE, MANAGE AND CLOSE OUT WASTE MANAGEMENT/DISPOSAL PLAN FOR THE DURATION OF THE PROJECT	L.S.	1.000	0.000	1.000	1.000	100%	\$10,000.00	\$10,000.00
131. MANAGEMENT & DISPOSAL OF CONTAMINATED MATERIAL (CLASS II - NON-HAZARDOUS)	TON	2059.000	0.000	0.000	0.000	0%	\$30.00	\$0.00
132. MANAGEMENT & DISPOSAL OF CONTAMINATED MATERIAL (CLASS I - NON-HAZARDOUS)	TON	286.000	0.000	0.000	0.000	0%	\$44.00	\$0.00
133. MANGEMENT & DISPOSAL OF CONTAMINATED MATERIAL (HAZARDOUS)	TON	128.000	0.000	0.000	0.000	0%	\$330.00	\$0.00
134. REMOVAL AND DISPOSAL OF CONTAMINATED FLUIDS	Gal.	10000.000	0.000	0.000	0.000	0%	\$1.00	\$0.00
<b>9 - CITY OF PASADENA WATERLINE ITEMS</b>								
135. 6-INCH PVC WATER MAIN (AUGER)	L.F.	230.000	0.000	230.000	230.000	100%	\$43.00	\$9,890.00
136. 8-INCH PVC WATER MAIN (AUGER)	L.F.	695.000	0.000	625.000	625.000	90%	\$43.00	\$26,875.00
137. 12-INCH PVC WATER MAIN (OPEN CUT)	L.F.	10.000	0.000	10.000	10.000	100%	\$175.00	\$1,750.00
138. 18-INCH PVC WATER MAIN (OPEN CUT)	L.F.	3060.000	0.000	3060.000	3060.000	100%	\$55.00	\$168,300.00
139. 18-INCH PVC WATER MAIN (BORE & JACK) (3)	L.F.	102.000	0.000	102.000	102.000	100%	\$106.00	\$10,812.00
140. 2-INCH CUT & PLUG	EA.	1.000	0.000	1.000	1.000	100%	\$155.00	\$155.00
141. 6-INCH CUT & PLUG	EA.	2.000	0.000	1.000	1.000	50%	\$210.00	\$210.00
142. 8-INCH CUT & PLUG	EA.	2.000	0.000	0.000	0.000	0%	\$330.00	\$0.00
143. 12-INCH CUT & PLUG	EA.	2.000	0.000	2.000	2.000	100%	\$700.00	\$1,400.00
144. 6-INCH WET CONNECTION	EA.	2.000	0.000	2.000	2.000	100%	\$2,000.00	\$4,000.00
145. 12-INCH WET CONNECTION	EA.	2.000	0.000	2.000	2.000	100%	\$2,400.00	\$4,800.00
146. 18-INCH WET CONNECTION	EA.	1.000	0.000	1.000	1.000	100%	\$3,500.00	\$3,500.00
147. 18-INCH x 8-INCH TS & V	EA.	1.000	0.000	1.000	1.000	100%	\$6,300.00	\$6,300.00
148. FIRE HYDRANT ASSEMBLY	EA.	13.000	0.000	13.000	13.000	100%	\$2,600.00	\$33,800.00
149. 6-INCH RESTRAINED JOINT FIRE HYDRANT LEAD	L.F.	86.000	0.000	86.000	86.000	100%	\$700.00	\$60,200.00

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 14 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>9 - CITY OF PASADENA WATERLINE ITEMS (CONTINUED)</b>								
150. REMOVE & SALVAGE EXIST F.H.	EA.	5.000	0.000	0.000	0.000	0%	\$190.00	\$0.00
151. COPPER SERVICE CONNECTIONS (SHORT SIDE) (ALL SIZES)	EA.	14.000	0.000	13.000	13.000	93%	\$540.00	\$7,020.00
152. COPPER SERVICE CONNECTIONS (LONG SIDE) (ALL SIZES)	EA.	13.000	0.000	8.000	8.000	62%	\$950.00	\$7,600.00
<b>10 - CITY OF PASADENA SANITARY SEWER ITEMS</b>								
153. ADJUST EXISTING SANITARY SEWER MANHOLE	EA.	19.000	0.000	14.000	14.000	74%	\$440.00	\$6,160.00
154. SANITARY SEWER MANHOLE	EA.	2.000	0.000	2.000	2.000	100%	\$3,000.00	\$6,000.00
155. 10-INCH SANITARY SEWER	L.F.	10.000	0.000	0.000	0.000	0%	\$50.00	\$0.00
<b>11 - EXTRA WORK ITEMS</b>								
156. UNIFORMED POLICE OFFICER	HR	1000.000	0.000	0.000	0.000	0%	\$25.00	\$0.00
157. WELL POINTING INCLUDING PIEZOMETERS	L.F.	300.000	0.000	0.000	0.000	0%	\$15.00	\$0.00
158. EXTRA CEMENT STABILIZED SAND (3)	TON	1833.000	0.000	1833.000	1833.000	100%	\$30.00	\$54,990.00
159. BORROW	C.Y.	100.000	0.000	0.000	0.000	0%	\$10.00	\$0.00
160. MOWING	CYCLE	12.000	0.000	0.000	0.000	0%	\$500.00	\$0.00
161. FURNISH AND INSTALL CLASS "D" 7-INCH CONCRETE SEAL SLAB (4)	S.Y.	0.000	0.000	0.000	0.000	100%	\$25.00	\$0.00
162. CONSTRUCTION FENCING (ORANGE PLASTIC MESH) (3)	L.F.	4536.000	0.000	4536.000	4536.000	100%	\$1.00	\$4,536.00
163. DOWELS	EA.	100.000	0.000	100.000	100.000	100%	\$5.00	\$500.00
<b>15 - ITEMS ASSOCIATED WITH CIC# 09/0392-4</b>								
164. ADDITIONAL SAW CUTS, REMOVALS, EXCAVATION, PIPES, JUNCTION BOX, INLETS, DRIVEWAYS AND DRIVEWAYS EXTENSIONS REQUIRED. MOBILIZATION, COMPLETING THE WORK AND DEMOBILIZATION	L.S.	1.000	0.000	1.000	1.000	100%	\$30,000.00	\$30,000.00
165. ADDITIONAL CONFLICT BOX AT STA. 33+05 ON BURKE ROAD ALSO PROPOSED RCP	L.S.	1.000	0.000	1.000	1.000	100%	\$8,931.05	\$8,931.05

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 15 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	
PROJECT NAME: <b>BURKE RD - PCT. 2</b>		

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: 09/0392

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>15 - ITEMS ASSOCIATED WITH CIC# 09/0392-4 (CONTINUED)</b>								
166. ADDITIONAL CONFLICT BOX AT STA. 30+38 ON BURKE ROAD ALSO PROPOSED RCP	L.S.	1.000	0.000	1.000	1.000	100%	\$9,026.51	\$9,026.51
167. ADDITIONAL CONFLICT BOX AT STA. 26+32 ON BURKE ROAD ALSO PROPOSED RCP	L.S.	1.000	0.000	1.000	1.000	100%	\$8,820.40	\$8,820.40
168. ADDITIONAL CONFLICT BOX AT STA. 25+18 ON BURKE ROAD ALSO PROPOSED RCP	L.S.	1.000	0.000	1.000	1.000	100%	\$8,193.93	\$8,193.93
169. ADDITIONAL CONFLICT BOX AT STA. 23+07 ON BURKE ROAD ALSO PROPOSED RCP	L.S.	1.000	0.000	1.000	1.000	100%	\$9,348.01	\$9,348.01
170. ADDT'L WORK REQUIRED AT 6" WATER LINE CROSSING BURKE RD AT EAST HARRIS ALSO ENCOUNTERED 10x10x6' CEMENT STABILIZED SAND BLOCK AT THIS LOCATION HAD TO REMOVE AS MUCH AS POSSIBLE & 6" LINE REROUTED TO MAKE NECESSARY TIE INS	L.S.	1.000	0.000	1.000	1.000	100%	\$9,485.70	\$9,485.70
<b>16 - ITEMS ASSOCIATED WITH CIC# 09/0392-5</b>								
171. FURNISH AND INSTALL DRAINAGE IMPROVEMENTS FOR EFFIE STREET AND RUELLA STREET INCLUDING LABOR, MATERIAL AND EQUIPMENT	LS	1.000	0.000	0.750	0.750	75%	\$43,886.59	\$32,914.94

# Partial for Road and Bridge Project 1075

## Unit of Measure Pay Estimate

**ESTIMATE NO: 20**

**This Estimate Date: 1/11/2012**

**Page 16 of 16**

COVERING PERIOD: 12/7/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 12/22/2009	WORK COMMENCED: 4/19/2010
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: HASSELL CONSTRUCTION CO. INC.	PERCENT COMPLETE THIS ESTIMATE: 81.34	

PROJECT NAME: **BURKE RD - PCT. 2**

DESCRIPTION: BURKE ROAD FROM RED BLUFF TO 500 FEET SOUTH OF SOUTHMORE STREET - PCT. 2

PURCHASE ORDER NO.: P168127      JOB NO: **09/0392**

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="border-bottom: 1px solid black; text-align: right;">\$3,217,069.45</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount Retained (5%)</td> <td style="border-bottom: 1px solid black; text-align: right;">\$160,853.47</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Previous payments</td> <td style="border-bottom: 1px solid black; text-align: right;">\$2,931,729.90</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;">\$15,000.00</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Total deductions</td> <td style="border-bottom: 1px solid black; text-align: right;">\$3,107,583.37</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;">\$109,486.08</td> </tr> </table>	Total amount of work done to-date	\$3,217,069.45	Amount Retained (5%)	\$160,853.47	Previous payments	\$2,931,729.90	Damages and items in contract not performed	\$15,000.00	Total deductions	\$3,107,583.37	Amount due for payment	\$109,486.08
Total amount of work done to-date	\$3,217,069.45												
Amount Retained (5%)	\$160,853.47												
Previous payments	\$2,931,729.90												
Damages and items in contract not performed	\$15,000.00												
Total deductions	\$3,107,583.37												
Amount due for payment	\$109,486.08												

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: 72

### Approvals

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

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

Total Calendar Days Allowed By Contract (360 + 266)	626
Total Calendar Days Used To Beginning of Period	597 + 0 S.C
Calendar Days Used This Period	35 + 0 S.C
Total Calendar Days Used At End Of This Period	632 + 0 S.C
Balance Of Calendar Days Allowed Under Contract	-6

Original Days: 360	Original Amount: \$3,675,917.00
--------------------	---------------------------------

#### Change in Contracts

46 Days and	\$63,943.56	Added by No. 09/0392-1	(1)
45 Days and	\$0.00	Added by No. 09/0392-2	(2)
45 Days and	\$112,762.55	Added by No. 09/0392-3	(3)
35 Days and	\$58,805.60	Added by No. 09/0392-4	(4)
35 Days and	\$43,886.59	Added by No. 09/0392-5	(5)
30 Days and	\$0.00	Added by No. 09/0392-6	(6)
30 Days and	\$0.00	Added by No. 09/0392-7	(7)

Total Contract Days: 596      Total Contract Amount: \$3,955,315.3

DAMAGES			
Liq. Damages per Day:	\$2,500.00	for	5 Days This Estimate
Total Liq. Damages:	\$15,000.00	for	6 Days Total Project
Non-Liquidated Damages this Estimate:	\$0.00		
Total Non-Liquidated Damages:	\$0.00		

DAMAGES DESCRIPTION  
 CONTRACTOR IS BEING CHARGED LIQUIDATED DAMAGES DUE TO OVERRUN OF CONTRACT TIME.

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 \_\_\_\_\_