

BREAKOUT OF CONSTRUCTION COSTS BY WORK TYPE
 PROJECT: Quivira Road, 159th Street to 179th Street (TH-1665)
 KDOT PROJECT NO. 46 N-0659-01

DATE: 8/2/19

Item No.	Item Description	Unit	Quantity	Unit Price	Total Participating	Total Non-Participating	Extension
1	Force Account (Set)*	Lump Sum	1	\$250,000.00		\$250,000.00	\$250,000.00
2	Maintenance Bond *	Lump Sum	1	\$0.01		\$0.01	\$0.01
3	Clearing and Grubbing	Lump Sum	1	\$182,337.06	\$182,337.06		\$182,337.06
4	Removal of Existing Structures	Lump Sum	1	\$401,814.49	\$401,814.49		\$401,814.49
5	Unclassified Excavation	Cu. Yd.	77487	\$6.59	\$510,639.33		\$510,639.33
6	Embankment (Contractor Furnished)	Cu. Yd.	76593	\$17.31	\$1,325,824.83		\$1,325,824.83
7	Excavation (Unsuitable)	Cu. Yd.	6000	\$38.02	\$228,120.00		\$228,120.00
8	Excavation (Unstable)	Cu. Yd.	6000	\$38.02	\$228,120.00		\$228,120.00
9	Compaction of Earthwork (All types)	Cu. Yd.	123309	\$2.15	\$265,114.35		\$265,114.35
10	Asphaltic Concrete (Surface Course)	Ton	330	\$115.73	\$38,190.90		\$38,190.90
11	Asphaltic Concrete (Intermediate Course)	Ton	1126	\$100.15	\$112,768.90		\$112,768.90
12	Temporary Surfacing Material (AB-3 OP Modified)	Ton	2000	\$22.59	\$45,180.00		\$45,180.00
13	Temporary Surfacing Material (Intermediate Course)	Ton	410	\$156.76	\$64,271.60		\$64,271.60
14	Aggregate for Base (AB-3 O.P. Modified)(4")	Sq. Yd.	14992	\$6.48	\$97,148.16		\$97,148.16
15	Aggregate for Base (AB-3 O.P. Modified)(6")	Sq. Yd.	70734	\$8.11	\$573,652.74		\$573,652.74
16	Fly Ash	Ton	3701.3	\$57.71	\$213,602.02		\$213,602.02
17	Manipulation for Fly Ash Treated Subgrade (8")	Sq. Yd.	71216.6	\$3.65	\$259,940.59		\$259,940.59
18	KCMMB 4K Concrete (ISRW)	Cu. Yd.	190	\$1,026.21	\$194,979.90		\$194,979.90
19	KCMMB 5K Concrete (RCB)	Cu. Yds.	599	\$716.64	\$429,267.36		\$429,267.36
20	Bridge Number Plaque*	Each	1	\$786.94		\$786.94	\$786.94
21	Class III Excavation	Cu. Yds.	269	\$15.00	\$4,035.00		\$4,035.00
22	Foundation Stabilization	Cu. Yds.	155	\$66.89	\$10,367.95		\$10,367.95
23	Concrete for Seal Course (Set)	Cu. Yds.	1	\$175.00	\$175.00		\$175.00
24	Granular Backfill (Wingwalls)	Cu. Yds.	52	\$78.37	\$4,075.24		\$4,075.24

NORTHBOUND BRIDGE OVER COFFEE CREEK

25	Class I Excavation	Cu. Yd.	181	\$28.18	\$5,100.58		\$5,100.58
26	Class II Excavation	Cu. Yd.	54	\$28.18	\$1,521.72		\$1,521.72
27	KCMMB 5K Concrete	Cu. Yd.	500.4	\$1,187.59	\$594,270.04		\$594,270.04
28	Reinforcing Steel (Grade 60)	Lbs.	16340	\$1.34	\$21,895.60		\$21,895.60
29	Reinforcing Steel (Grade 60) (Epoxy Coated)	Lbs.	87570	\$1.08	\$94,575.60		\$94,575.60
30	Pile (Steel) (HP12x53)	Lin. Ft.	190	\$77.12	\$14,652.80		\$14,652.80
31	Pre-Drilled Pile Holes	Lin. Ft.	166	\$112.41	\$18,660.06		\$18,660.06
32	Drilled Shaft (54") (Cased)	Lin. Ft.	85	\$438.72	\$37,291.20		\$37,291.20
33	Sonic Test (Drilled Shaft) (Set Price)	Each	1	\$944.33	\$944.33		\$944.33
34	Core Hole (Investigative)	Lin. Ft.	65	\$52.46	\$3,409.90		\$3,409.90
35	Prestressed Concrete Beam (K4)	Lin. Ft.	1264	\$244.21	\$308,681.44		\$308,681.44
36	Bridge Handrail (Metal) (1'-10")	Lin. Ft.	318	\$138.50	\$44,043.00		\$44,043.00
37	Bridge Handrail (Metal) (4'-6")	Lin. Ft.	343	\$172.08	\$59,023.44		\$59,023.44
38	Abutment Aggregate Drain	Cu. Yd.	106	\$158.72	\$16,824.32		\$16,824.32
39	Bridge Backwall Protection System	Sq. Yd.	92	\$55.53	\$5,108.76		\$5,108.76
40	Slope Protection (RipRap Stone)(Light 200 Lb.)(24" Thick)	Cu. Yd.	584	\$99.04	\$57,839.36		\$57,839.36
41	Curing Environment	Lump Sum	1	\$786.94	\$786.94		\$786.94
42	Bridge Number Plaque*	Each	1	\$550.86		\$550.86	\$550.86
43	Electric Conduit (Non-Metallic)	Lin. Ft.	341	\$10.49	\$3,577.09		\$3,577.09

SOUTHBOUND BRIDGE OVER COFFEE CREEK

44	Class I Excavation	Cu. Yd.	226	\$28.18	\$6,368.68		\$6,368.68
45	Class II Excavation	Cu. Yd.	78	\$28.18	\$2,198.04		\$2,198.04
46	KCMMB 5K Concrete	Cu. Yd.	653.7	\$1,046.25	\$683,933.63		\$683,933.63
47	Reinforcing Steel (Grade 60)	Lbs.	22740	\$1.34	\$30,471.60		\$30,471.60
48	Reinforcing Steel (Grade 60) (Epoxy Coated)	Lbs.	120770	\$1.08	\$130,431.60		\$130,431.60
49	Pile (Steel) (HP12x53)	Lin. Ft.	190	\$77.12	\$14,652.80		\$14,652.80
50	Pre-Drilled Pile Holes	Lin. Ft.	166	\$112.41	\$18,660.06		\$18,660.06
51	Drilled Shaft (54") (Cased)	Lin. Ft.	123	\$433.19	\$53,282.37		\$53,282.37
52	Sonic Test (Drilled Shaft) (Set Price)	Each	1	\$944.33	\$944.33		\$944.33
53	Core Hole (Investigative)	Lin. Ft.	63	\$52.46	\$3,304.98		\$3,304.98
54	Prestressed Concrete Beam (K4)	Lin. Ft.	1264	\$256.31	\$323,975.84		\$323,975.84
55	Bridge Handrail (Metal) (1'-10")	Lin. Ft.	318	\$138.50	\$44,043.00		\$44,043.00
56	Bridge Handrail (Metal) (4'-6")	Lin. Ft.	341	\$172.08	\$58,679.28		\$58,679.28
57	Abutment Aggregate Drain	Cu. Yd.	131	\$158.72	\$20,792.32		\$20,792.32
58	Bridge Backwall Protection System	Sq. Yd.	111	\$55.53	\$6,163.83		\$6,163.83
59	Slope Protection (RipRap Stone)(Light 200 Lb.)(24" Thick)	Cu. Yd.	632	\$99.04	\$62,593.28		\$62,593.28
60	Curing Environment	Lump Sum	1	\$786.94	\$786.94		\$786.94
61	Bridge Number Plaque*	Each	1	\$550.86		\$550.86	\$550.86
62	Electric Conduit (Non-Metallic)	Lin. Ft.	341	\$10.49	\$3,577.09		\$3,577.09

Item No.	Item Description	Unit	Quantity	Unit Price	Total Participating	Total Non-Participating	Extension
NORTHBOUND BRIDGE OVER NORTH TRIBUTARY							
63	Class I Excavation	Cu. Yd.	127	\$28.18	\$3,578.86		\$3,578.86
64	Class II Excavation	Cu. Yd.	77	\$28.18	\$2,169.86		\$2,169.86
65	KCMMB 5K Concrete	Cu. Yd.	338.5	\$1,210.74	\$409,835.49		\$409,835.49
66	Reinforcing Steel (Grade 60)	Lbs.	1840	\$1.85	\$3,404.00		\$3,404.00
67	Reinforcing Steel (Grade 60) (Epoxy Coated)	Lbs.	75290	\$1.06	\$79,807.40		\$79,807.40
68	Pile (Steel) (HP10x42)	Lin. Ft.	459	\$71.41	\$32,777.19		\$32,777.19
69	Pre-Drilled Pile Holes	Lin. Ft.	304	\$117.66	\$35,768.64		\$35,768.64
70	Bridge Handrail (Metal) (1'-10")	Lin. Ft.	118	\$138.50	\$16,343.00		\$16,343.00
71	Bridge Handrail (Metal) (4'-6")	Lin. Ft.	137	\$172.08	\$23,574.96		\$23,574.96
72	Abutment Aggregate Drain	Cu. Yd.	42	\$158.72	\$6,666.24		\$6,666.24
73	Bridge Backwall Protection System	Sq. Yd.	63	\$55.53	\$3,498.39		\$3,498.39
74	Slope Protection (RipRap Stone)(Light 200 Lb.)(24" Thick)	Cu. Yds.	892	\$99.04	\$88,343.68		\$88,343.68
75	Bridge Number Plaque*	Each	1	\$786.94		\$786.94	\$786.94
76	Electric Conduit (Non-Metallic)	Lin. Ft.	132	\$10.49	\$1,384.68		\$1,384.68
SOUTHBOUND BRIDGE OVER NORTH TRIBUTARY							
77	Class I Excavation	Cu. Yd.	126	\$28.18	\$3,550.68		\$3,550.68
78	Class II Excavation	Cu. Yd.	64	\$28.18	\$1,803.52		\$1,803.52
79	KCMMB 5K Concrete	Cu. Yd.	288.0	\$1,108.81	\$319,337.28		\$319,337.28
80	Reinforcing Steel (Grade 60)	Lbs.	1460	\$2.15	\$3,139.00		\$3,139.00
81	Reinforcing Steel (Grade 60) (Epoxy Coated)	Lbs.	66680	\$1.06	\$70,680.80		\$70,680.80
82	Pile (Steel) (HP10x42)	Lin. Ft.	366	\$71.41	\$26,136.06		\$26,136.06
83	Pre-Drilled Pile Holes	Lin. Ft.	244	\$117.66	\$28,709.04		\$28,709.04
84	Bridge Handrail (Metal) (1'-10")	Lin. Ft.	118	\$138.50	\$16,343.00		\$16,343.00
85	Bridge Handrail (Metal) (4'-6")	Lin. Ft.	138	\$172.08	\$23,747.04		\$23,747.04
86	Abutment Aggregate Drain	Cu. Yd.	42	\$225.95	\$9,489.90		\$9,489.90
87	Bridge Backwall Protection System	Sq. Yd.	59	\$55.53	\$3,276.27		\$3,276.27
88	Slope Protection (RipRap Stone)(Light 200 Lb.)(24" Thick)	Cu. Yd.	720	\$99.04	\$71,308.80		\$71,308.80
89	Bridge Number Plaque*	Each	1	\$550.86		\$550.86	\$550.86
90	KCMMB 4K Concrete (Distribution Slab)	Cu. Yd.	67	\$423.94	\$28,403.98		\$28,403.98
91	KCMMB 4K Concrete (Bridge Approach Slab Footing)	Cu. Yd.	127	\$363.04	\$46,106.08		\$46,106.08
92	Concrete Pavement (6")(Tack-On Median)	Sq. Yd.	13	\$99.58	\$1,294.54		\$1,294.54
93	Concrete Pavement (6" Uniform)(AE)(PLAIN)	Sq. Yd.	489	\$47.32	\$23,139.48		\$23,139.48
94	Concrete Pavement (8" Uniform)(AE)(PLAIN)	Sq. Yd.	121	\$62.60	\$7,574.60		\$7,574.60
95	Concrete Pavement (9" Uniform)(AE)(NRDJ)	Sq. Yd.	55740	\$57.53	\$3,206,722.20		\$3,206,722.20
96	Concrete Pavement (12" UNIFORM)(AE)(BR APP)	Sq. Yd.	1031	\$175.61	\$181,053.91		\$181,053.91
97	Curb and Gutter, Combined (Type A)	Lin. Ft.	845	\$20.71	\$17,499.95		\$17,499.95
98	Curb and Gutter, Combined (Type B)	Lin. Ft.	7947	\$16.62	\$132,079.14		\$132,079.14
99	Curb and Gutter, Combined (Type C)	Lin. Ft.	1099	\$20.33	\$22,342.67		\$22,342.67
100	Curb and Gutter, Combined (Type E)	Lin. Ft.	22211	\$17.14	\$380,696.54		\$380,696.54
101	Curb and Gutter, Replacement	Lin. Ft.	46	\$30.31	\$1,394.26		\$1,394.26
102	Concrete Median Nose	Each	10	\$1,134.30	\$11,343.00		\$11,343.00
103	Paver Bricks	Sq. Ft.	21981	\$15.47	\$340,046.07		\$340,046.07
104	Concrete Paver Stones	Sq. Ft.	5161	\$15.47	\$79,840.67		\$79,840.67
105	Sidewalk Construction (4")	Sq. Ft.	67075	\$3.97	\$266,287.75		\$266,287.75
106	Sidewalk Construction Reinforced (6")	Sq. Ft.	369	\$6.98	\$2,575.62		\$2,575.62
107	Sidewalk Ramp With Detectable Warning Surface	Sq. Ft.	6336	\$9.69	\$61,395.84		\$61,395.84
108	Detectable Warning Surface	Sq. Ft.	1229	\$28.04	\$34,461.16		\$34,461.16
109	Asphalt Sidewalk (Intermediate Course) (4")	Ton	3227	\$82.16	\$265,130.32		\$265,130.32
110	15" Storm Sewer (RCP Class III)	Lin. Ft.	838	\$53.88	\$45,151.44		\$45,151.44
111	18" Storm Sewer (RCP Class III)	Lin. Ft.	1071	\$52.10	\$55,799.10		\$55,799.10
112	24" Storm Sewer (RCP Class III)	Lin. Ft.	1327	\$58.20	\$77,231.40		\$77,231.40
113	30" Storm Sewer (RCP Class III)	Lin. Ft.	3088	\$82.71	\$255,408.48		\$255,408.48
114	36" Storm Sewer (RCP Class III)	Lin. Ft.	1283	\$94.27	\$120,948.41		\$120,948.41
115	42" Storm Sewer (RCP Class III)	Lin. Ft.	161	\$129.38	\$20,830.18		\$20,830.18
116	54" Storm Sewer (RCP Class III)	Lin. Ft.	34	\$160.23	\$5,447.82		\$5,447.82
117	30" Elliptical Storm Sewer (RCP Class III)	Lin. Ft.	292	\$113.59	\$33,168.28		\$33,168.28
118	24" Arch Storm Sewer (RCP Class III)	Lin. Ft.	144	\$78.42	\$11,292.48		\$11,292.48
119	36" Arch Storm Sewer (RCP Class III)	Lin. Ft.	74	\$130.62	\$9,665.88		\$9,665.88
120	48" Arch Storm Sewer (RCP Class III)	Lin. Ft.	225	\$172.76	\$38,871.00		\$38,871.00
121	30" High-Density Polyethylene Pipe (HDPE)	Lin. Ft.	232	\$56.08	\$13,010.56		\$13,010.56
122	36" High-Density Polyethylene Pipe (HDPE)(Temporary)	Lin. Ft.	60	\$43.78	\$2,626.80		\$2,626.80
123	12" Entrance Pipe (RCP Class III)	Lin. Ft.	95	\$51.43	\$4,885.85		\$4,885.85
124	15" Entrance Pipe (RCP Class III)	Lin. Ft.	22	\$161.20	\$3,546.40		\$3,546.40
125	24" Entrance Pipe (RCP Class III)	Lin. Ft.	20	\$58.20	\$1,164.00		\$1,164.00
126	18" Arch Entrance Pipe (RCP Class III)	Lin. Ft.	17	\$70.65	\$1,201.05		\$1,201.05
127	24" Arch Entrance Pipe (RCP Class III)	Lin. Ft.	16	\$78.42	\$1,254.72		\$1,254.72
128	End Section (12")(RC)	Each	8	\$2,233.44	\$17,867.52		\$17,867.52
129	End Section (15")(RC)	Each	3	\$2,001.03	\$6,003.09		\$6,003.09
130	End Section (18")(RC)	Each	1	\$1,506.09	\$1,506.09		\$1,506.09
131	End Section (24")(RC)	Each	2	\$2,415.90	\$4,831.80		\$4,831.80
132	End Section (30")(RC)	Each	1	\$1,667.94	\$1,667.94		\$1,667.94
133	End Section (36")(RC)	Each	1	\$1,978.41	\$1,978.41		\$1,978.41
134	End Section (54")(RC)	Each	1	\$2,916.72	\$2,916.72		\$2,916.72

Item No.	Item Description	Unit	Quantity	Unit Price	Total Participating	Total Non-Participating	Extension
135	End Section (18") Arch (RC)	Each	2	\$1,691.24	\$3,382.48		\$3,382.48
136	End Section (24") Arch (RC)	Each	2	\$1,857.37	\$3,714.74		\$3,714.74
137	End Section (48") Arch (RC)	Each	1	\$2,927.21	\$2,927.21		\$2,927.21
138	End Section (24")(Type IV)	Each	3	\$1,628.96	\$4,886.88		\$4,886.88
139	End Section (30")(Type IV)	Each	1	\$1,646.85	\$1,646.85		\$1,646.85
140	End Section (30") High-Density Polyethylene (HDPE)	Each	1	\$2,168.90	\$2,168.90		\$2,168.90
141	Inlet (Non-Setback Curb)(6'x4')(Complete)	Each	1	\$6,010.19	\$6,010.19		\$6,010.19
142	Inlet (Non-Setback Curb)(6'x5')(Complete)	Each	2	\$6,015.10	\$12,030.20		\$12,030.20
143	Inlet (Curb)(4'x4')(Complete)	Each	2	\$5,868.71	\$11,737.42		\$11,737.42
144	Inlet (Curb)(6'x4')(Complete)	Each	11	\$6,010.19	\$66,112.09		\$66,112.09
145	Inlet (Curb)(6'x5')(Complete)	Each	3	\$5,991.89	\$17,975.67		\$17,975.67
146	Inlet (Curb)(8'x6')(Complete)	Each	1	\$7,544.75	\$7,544.75		\$7,544.75
147	Inlet (Area)(4'x4')	Each	7	\$4,583.37	\$32,083.59		\$32,083.59
148	Inlet (Area)(5'x4')	Each	1	\$22,270.61	\$22,270.61		\$22,270.61
149	Inlet (Area)(6'x4')	Each	2	\$4,903.72	\$9,807.44		\$9,807.44
150	Inlet (Area)(5'x4')(Type A)	Each	2	\$22,270.61	\$44,541.22		\$44,541.22
151	Inlet (Area)(6'x3')(Type B)	Each	2	\$6,047.41	\$12,094.82		\$12,094.82
152	Inlet (Area)(6'x4')(Type A)	Each	2	\$22,274.64	\$44,549.28		\$44,549.28
153	Inlet (Area)(6'x5')(Type A)	Each	3	\$6,506.91	\$19,520.73		\$19,520.73
154	Inlet (Area)(6'x5')(Type C)	Each	1	\$6,506.91	\$6,506.91		\$6,506.91
155	Inlet (Area)(6'x6')(Type A)	Each	1	\$6,208.01	\$6,208.01		\$6,208.01
156	Inlet (Area)(8'x3')(Type B)	Each	4	\$7,009.66	\$28,038.64		\$28,038.64
157	Inlet (Area)(8'x4')(Type A)	Each	3	\$6,534.87	\$19,604.61		\$19,604.61
158	Inlet (Area)(8'x4')(Type C)	Each	1	\$6,534.87	\$6,534.87		\$6,534.87
159	Inlet (Area)(8'x5')(Type A)	Each	4	\$6,461.08	\$25,844.32		\$25,844.32
160	Inlet (Area)(8'x5')(Type C)	Each	1	\$6,461.08	\$6,461.08		\$6,461.08
161	Inlet (Area)(8'x6')(Type A)	Each	3	\$7,543.89	\$22,631.67		\$22,631.67
162	Inlet (Area)(8'x6')(Type C)	Each	2	\$7,543.89	\$15,087.78		\$15,087.78
163	Inlet (Area)(10'x4')	Each	1	\$7,102.38	\$7,102.38		\$7,102.38
164	Inlet (Grate)(Special)(4'x4')(Complete)	Each	3	\$5,156.97	\$15,470.91		\$15,470.91
165	Inlet (Flume)(Concrete)	Each	16	\$124.55	\$1,992.80		\$1,992.80
166	Drain Basin (12")	Each	3	\$2,054.05	\$6,162.15		\$6,162.15
167	Drain Basin (15")	Each	2	\$2,302.01	\$4,604.02		\$4,604.02
168	Junction Box (4'x4')(Complete)	Each	4	\$4,353.64	\$17,414.56		\$17,414.56
169	Junction Box (4'x5')(Complete)	Each	5	\$4,915.52	\$24,577.60		\$24,577.60
170	Junction Box (5'x5') (Complete)	Each	2	\$5,148.45	\$10,296.90		\$10,296.90
171	Junction Box (6'x4')(Complete)	Each	2	\$4,891.39	\$9,782.78		\$9,782.78
172	Junction Box (6'x5')(Complete)	Each	3	\$5,480.71	\$16,442.13		\$16,442.13
173	Junction Box (6'x6')(Complete)	Each	2	\$5,284.86	\$10,569.72		\$10,569.72
174	Junction Box (10'x6')(Complete)	Each	2	\$6,946.88	\$13,893.76		\$13,893.76
175	Modification of Structure (Curb Inlet)	Each	2	\$7,664.45	\$15,328.90		\$15,328.90
176	Slope Drain (Concrete)	Lin. Ft.	31	\$104.25	\$3,231.75		\$3,231.75
177	Slope Drain (Stone)	Lin. Ft.	112.1	\$27.57	\$3,090.60		\$3,090.60
178	RipRap (Light 100 Lb.)(24" Thick)	Sq. Yd.	68	\$79.50	\$5,406.00		\$5,406.00
179	RipRap (Light 200 Lb.)(36" Thick)	Sq. Yd.	308	\$99.04	\$30,504.32		\$30,504.32
180	RipRap (1/4 Ton)(36" Thick)	Sq. Yd.	840	\$99.04	\$83,193.60		\$83,193.60
181	4" Pipe Underdrain (Type K)	Lin. Ft.	49	\$88.66	\$4,344.34		\$4,344.34
182	6" Pipe Underdrain (Type H)	Lin. Ft.	26603	\$11.50	\$305,934.50		\$305,934.50
183	6" Pipe Underdrain (Type K)	Lin. Ft.	1117	\$88.66	\$99,033.22		\$99,033.22
184	Sanitary Sewer Encasement	Lin. Ft.	55	\$153.03	\$8,416.65		\$8,416.65
185	Adjustment of Manholes	Each	5	\$1,069.17	\$5,345.85		\$5,345.85
186	Fence (Barbed Wire)(Temporary)	Lin. Ft.	2679	\$12.59	\$33,728.61		\$33,728.61
187	Handrail (Metal) (48")	Lin. Ft.	417	\$138.50	\$57,754.50		\$57,754.50
188	Guardrail, Steel Plate (MGS)	Lin. Ft.	1050	\$46.17	\$48,478.50		\$48,478.50
189	Guardrail End Terminal (MGS FLEAT) Alt #1	Each	8	\$2,518.21	\$20,145.68		\$20,145.68
190	Guardrail End Terminal (MGS SRT) Alt #2	Each	8	\$0.00	\$0.00		\$0.00
191	Traffic Signal Installation & Interconnect (159th & Quivira)	Lump Sum	1	\$297,987.80	\$297,987.80		\$297,987.80
192	Street Lighting	Lump Sum	1	\$303,234.06	\$303,234.06		\$303,234.06
193	Permanent Traffic Control Signs	Sq. Ft.	911	\$21.25	\$19,358.75		\$19,358.75
194	1-3/4" x 1-3/4" Sign Posts	Lin. Ft.	1266	\$12.59	\$15,938.94		\$15,938.94
195	2" x 2" Sign Post Anchors	Lin. Ft.	424	\$10.49	\$4,447.76		\$4,447.76
196	2-1/4" x 2-1/4" Anchor Sleeves	Lin. Ft.	265	\$9.44	\$2,501.60		\$2,501.60
197	Paver Anchor & Sleeve	Each	22	\$367.24	\$8,079.28		\$8,079.28
198	Rectangular Rapid Flashing Beacon (RRFB) - (Bi-Directional)	Each	2	\$7,948.09	\$15,896.18		\$15,896.18
199	Rectangular Rapid Flashing Beacon (RRFB) - (Uni-Directional)	Each	4	\$6,295.52	\$25,182.08		\$25,182.08
200	White Tubular Delineators with White Reflective Stripes	Each	21	\$131.16	\$2,754.36		\$2,754.36
201	Traffic Control	Lump Sum	1	\$168,142.76	\$168,142.76		\$168,142.76
202	4" White - Thermoplastic	Lin. Ft.	1459	\$1.47	\$2,144.73		\$2,144.73
203	4" Yellow - Thermoplastic	Lin. Ft.	2316	\$1.47	\$3,404.52		\$3,404.52
204	12" White - Thermoplastic	Lin. Ft.	14	\$10.49	\$146.86		\$146.86
205	12" Yellow - Thermoplastic	Lin. Ft.	156	\$10.49	\$1,636.44		\$1,636.44
206	White Turn Arrows - Preformed Thermoplastic	Each	5	\$314.78	\$1,573.90		\$1,573.90
207	4" White - IMP	Lin. Ft.	30127	\$1.47	\$44,286.69		\$44,286.69
208	4" Yellow - IMP	Lin. Ft.	1799	\$1.47	\$2,644.53		\$2,644.53
209	6" White - IMP	Lin. Ft.	930	\$6.30	\$5,859.00		\$5,859.00

Item No.	Item Description	Unit	Quantity	Unit Price	Total Participating	Total Non-Participating	Extension
210	8" White - IMP	Lin. Ft.	118	\$8.39	\$990.02		\$990.02
211	12" White - IMP	Lin. Ft.	685	\$12.59	\$8,624.15		\$8,624.15
212	12" Yellow - IMP	Lin. Ft.	19	\$12.59	\$239.21		\$239.21
213	24" White - PTP	Lin. Ft.	174	\$47.22	\$8,216.28		\$8,216.28
214	24" x 36" White Yield Line - Contrast Patterned Cold Plastic	Each	63	\$47.22	\$2,974.86		\$2,974.86
215	White Turn Arrows - Contrast Patterned Cold Plastic	Each	22	\$524.63	\$11,541.86		\$11,541.86
216	Lawn Sprinkler System Modification (Summerwood)*	Lump Sum	1	\$26,231.32		\$26,231.32	\$26,231.32
217	Lawn Sprinkler System Modification (Mills Farm)*	Lump Sum	1	\$26,231.32		\$26,231.32	\$26,231.32
218	Lawn Sprinkler System Modification (Polo Fields)*	Lump Sum	1	\$26,231.32		\$26,231.32	\$26,231.32
219	Native Seed	Acre	0.88	\$1,033.51	\$909.49		\$909.49
220	Seed (Fescue)	Acre	7.48	\$1,642.08	\$12,282.76		\$12,282.76
221	Seed (Brome)	Acre	2.07	\$818.42	\$1,694.13		\$1,694.13
222	Seed (Temporary)	Acre	29.6	\$911.80	\$26,989.28		\$26,989.28
223	Sod (Fescue)	Sq. Yd.	92721	\$5.41	\$501,620.61		\$501,620.61
224	Turf Reinforcement Mat (Class 2-Type G)	Sq. Yd.	6430	\$4.67	\$30,028.10		\$30,028.10
225	Water Quality Control Manager	Each	100	\$131.16	\$13,116.00		\$13,116.00
226	SWPPP Inspection (est.)	Each	60	\$157.39	\$9,443.40		\$9,443.40
227	Biodegradable Log (9")	Lin. Ft.	3922	\$2.20	\$8,628.40		\$8,628.40
228	Construction Entrance	Sq. Yd.	371	\$17.05	\$6,325.55		\$6,325.55
229	Hydraulic Erosion Control (est.)	Ton	52	\$1,657.82	\$86,206.64		\$86,206.64
230	Temporary Ditch Checks (Rock)	Each	5	\$579.34	\$2,896.70		\$2,896.70
231	Temporary Diversion Berm	Lin. Ft.	1767	\$8.29	\$14,648.43		\$14,648.43
232	Inlet Protection	Each	74	\$65.05	\$4,813.70		\$4,813.70
233	Temporary Sediment Trap	Each	4	\$4,795.80	\$19,183.20		\$19,183.20
234	Erosion Control Blanket (Class 1 - Type C)	Sq. Yd.	1298	\$1.94	\$2,518.12		\$2,518.12
235	Silt Fence	Lin. Ft.	29370	\$1.15	\$33,775.50		\$33,775.50
236	Topsoil	Cu. Yd.	23866	\$27.58	\$658,224.28		\$658,224.28
237	Contractor Construction Staking	Lump Sum	1	\$117,516.31	\$117,516.31		\$117,516.31
238	Land Corner Monument Box	Each	5	\$861.99	\$4,309.95		\$4,309.95
239	Benchmark Monument (Johnson County)	Each	3	\$839.40	\$2,518.20		\$2,518.20
240	Gauging Station*	Lump Sum	1	\$9,967.90		\$9,967.90	\$9,967.90

WATERLINE WORK

241	Waterline Mobilization*	Lump Sum	1	\$0.95		\$0.95	\$0.95
242	Ductile Iron Pipe (36")*	Lin. Ft.	2148	\$353.73		\$759,812.04	\$759,812.04
243	Ductile Iron Pipe (24")*	Lin. Ft.	1542	\$184.64		\$284,714.88	\$284,714.88
244	Ductile Iron Pipe (12")*	Lin. Ft.	148	\$152.98		\$22,641.04	\$22,641.04
245	PVC Pipe (16")*	Lin. Ft.	432	\$156.47		\$67,595.04	\$67,595.04
246	PVC Pipe (12")*	Lin. Ft.	2593	\$82.53		\$214,000.29	\$214,000.29
247	PVC Pipe (8")*	Lin. Ft.	60	\$85.53		\$5,131.80	\$5,131.80
248	HDPE Pipe (12")*	Lin. Ft.	440	\$121.36		\$53,398.40	\$53,398.40
249	Butterfly Valve (36")*	Each	2	\$23,308.29		\$46,616.58	\$46,616.58
250	Gate Valve (24")*	Each	1	\$19,369.44		\$19,369.44	\$19,369.44
251	Gate Valve (16")*	Each	1	\$7,240.57		\$7,240.57	\$7,240.57
252	Gate Valve (12")*	Each	10	\$2,877.20		\$28,772.00	\$28,772.00
253	Gate Valve (8")*	Each	2	\$2,000.31		\$4,000.62	\$4,000.62
254	Hydrant Installation - Tee*	Each	4	\$8,880.11		\$35,520.44	\$35,520.44
255	Hydrant Installation - Tap*	Each	1	\$5,210.21		\$5,210.21	\$5,210.21
256	2" Combination Air Valve and 6' Diameter Precast Conc. Vault with Manhole*	Each	3	\$21,543.79		\$64,631.37	\$64,631.37
257	2" Combination Air Valve and 8' Diameter Precast Conc. Vault with Manhole*	Each	2	\$49,603.22		\$99,206.44	\$99,206.44
258	Steel Encasement Pipe (48")*	Lin. Ft.	320	\$231.33		\$74,025.60	\$74,025.60
259	Steel Encasement Pipe (36")*	Lin. Ft.	220	\$246.23		\$54,170.60	\$54,170.60
260	Steel Encasement Pipe (24")*	Lin. Ft.	200	\$154.83		\$30,966.00	\$30,966.00
261	Steel Encasement Pipe (20")*	Lin. Ft.	70	\$249.15		\$17,440.50	\$17,440.50
262	Connection to Existing 24" Main near 23+95*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
263	Connection to Existing 24" Main near 27+25*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
264	Connection to Existing 12" Main near 31+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
265	Connection to Existing 8" Main near 31+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
266	Connection to Existing 24" Main near 34+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
267	Connection to Existing 24" Main near 37+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
268	Connection to Existing 8" Main near 38+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
269	Connection to Existing 24" Main near 40+25*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
270	Connection to Existing 4" Main near 47+50*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
271	Connection to Existing 8" Main near 47+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
272	Connection to Existing 36" Main near 48+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
273	Connection to Existing 36" Main near 54+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
274	Connection to Existing 12" Main near 82+60*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
275	Connection to Existing 12" Main near 84+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
276	Connection to Existing 36" Main near 89+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
277	Connection to Existing 16" Main near 91+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
278	Connection to Existing 12" Main near 91+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
279	Connection to Existing 12" Main near 95+50*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
280	Connection to Existing 12" Main near 99+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
281	Connection to Existing 36" Main near 102+25*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
282	Connection to Existing 12" Main near 105+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70

Item No.	Item Description	Unit	Quantity	Unit Price	Total Participating	Total Non-Participating	Extension
283	Connection to Existing 12" Main near 117+25*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
284	Connection to Existing 12" Main near 118+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
285	Connection to Existing 12" Main near 119+25*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
286	Connection to Existing 12" Main near 119+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
287	Connection to Existing 12" Main near 122+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
288	Connection to Existing 12" Main near 122+05*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
289	Connection to Existing 12" Main near 122+75*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
290	Connection to Existing 12" Main near 123+00*	Lump Sum	1	\$5,628.70		\$5,628.70	\$5,628.70
291	Service Line Changeover for 11830 Quivira*	Each	1	\$6,077.92		\$6,077.92	\$6,077.92
292	Service Line Changeover for 17555 Quivira *	Each	1	\$6,184.61		\$6,184.61	\$6,184.61
293	Service Line Changeover and Meter Relocation near 112+00*	Each	1	\$6,184.61		\$6,184.61	\$6,184.61
294	Cathodic Protection*	Lump Sum	1	\$69,387.95		\$69,387.95	\$69,387.95

***Non-Participating Items**

Total Bid	\$18,914,444.60	\$2,487,420.53	\$21,401,865.13
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Work Type Summary

Common Items	\$701,667.86	\$250,000.01	\$951,667.87
Roadway	\$8,977,999.61	\$2,234,194.06	\$11,212,193.67
Surfacing	\$4,824,539.64	\$0.00	\$4,824,539.64
Bridges	\$4,112,249.68	\$3,226.46	\$4,115,476.14
Traffic Signals	\$297,987.80	\$0.00	\$297,987.80