

Daniels Street Extension Project

Engineers Estimate

\$8,200,000

February 8, 2019

KNIFE RIVER CONSTRUCTION - STOCKTON, CA

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
1	Mobilization	1	LS	\$ 326,000.00	\$ 326,000.00
2	Traffic Control Signage Only	1	LS	\$ 37,000.00	\$ 37,000.00
3	Potholing and Utility Locating	1	LS	\$ 32,000.00	\$ 32,000.00
4	Lead Compliance Plan	1	LS	\$ 10,000.00	\$ 10,000.00
5	Clearing and Grubbing	17	AC	\$ 2,070.00	\$ 35,190.00
6	Remove Existing 36" Irrigation Pipe	318	LF	\$ 22.00	\$ 6,996.00
7	Remove Existing 3' x 12' Box Culvert	326	LF	\$ 193.00	\$ 62,918.00
8	Remove Existing 72" CMP Culvert	41	LF	\$ 47.00	\$ 1,927.00
9	Remove Existing Irrigation Headwall Structure	1	LS	\$ 3,800.00	\$ 3,800.00
10	Remove Existing Irrigation Structure	7	EA	\$ 290.00	\$ 2,030.00
11	Remove Existing Landscape Irrigation Structure	10	EA	\$ 175.00	\$ 1,750.00
12	Remove Existing Concrete	3537	SF	\$ 3.50	\$ 12,379.50
13	Remove Existing Pavement	31349	SF	\$ 1.00	\$ 31,349.00
14	Sawcut Existing Pavement	2314	LF	\$ 2.00	\$ 4,628.00
15	Remove Existing Signs	2	EA	\$ 695.00	\$ 1,390.00
16	Remove Existing Gate	1	EA	\$ 1,600.00	\$ 1,600.00
17	Remove Existing Fence	657	LF	\$ 5.00	\$ 3,285.00
18	Remove Existing Barricade	98	LF	\$ 19.00	\$ 1,862.00
19	Remove Existing Well and Pump Facilities Near Canal	1	LS	\$ 11,200.00	\$ 11,200.00
20	Remove Existing Well and Pump Facilities Near Daniels St	1	LS	\$ 11,200.00	\$ 11,200.00
21	Remove Existing 6" Water Line and Valve	45	LF	\$ 34.00	\$ 1,530.00
22	Remove Existing Fire Hydrant	1	EA	\$ 1,600.00	\$ 1,600.00
23	Remove Existing Storm Drain Line	490	LF	\$ 22.00	\$ 10,780.00
24	Remove Existing Inlet	11	EA	\$ 260.00	\$ 2,860.00
25	Remove Existing Tree	10	EA	\$ 725.00	\$ 7,250.00
26	Street Fine Grading	350,884	SF	\$ 0.35	\$ 122,809.40
27	Rough Grading	26,781	CY	\$ 26.50	\$ 709,696.50
28	Erosion Control Improvements	17	AC	\$ 6,100.00	\$ 103,700.00
29	Dewatering	1	LS	\$ 771,000.00	\$ 771,000.00
30	Bypass Pumping	1	LS	\$ 353,500.00	\$ 353,500.00
31	Overcut Trenches for Soft / Unstable Soils	1	LS	\$ 25,000.00	\$ 25,000.00
32	18" PVC - Sanitary Sewer Force Main	64	LF	\$ 200.00	\$ 12,800.00
33	12" PVC - Sanitary Sewer	2,832	LF	\$ 65.00	\$ 184,080.00
34	10" PVC - Sanitary Sewer	48	LF	\$ 98.00	\$ 4,704.00
35	8" PVC - Sanitary Sewer	587	LF	\$ 92.00	\$ 54,004.00
36	48" - Sanitary Sewer Manhole	12	EA	\$ 11,800.00	\$ 141,600.00
37	Stub and Plug Proposed Sanitary Sewer Line	8	EA	\$ 180.00	\$ 1,440.00
38	Connect to Existing Sewer Manhole	1	EA	\$ 6,300.00	\$ 6,300.00
39	18" PVC - Storm Drainage	592	LF	\$ 50.00	\$ 29,600.00
40	12" PVC - Storm Drainage	105	LF	\$ 38.00	\$ 3,990.00
41	10" PVC - Storm Drainage	78	LF	\$ 34.00	\$ 2,652.00
42	Curb Inlet - City Standard	17	EA	\$ 2,500.00	\$ 42,500.00
43	Bubble-up Structure with Rip Rap	7	EA	\$ 3,650.00	\$ 25,550.00
44	48" - Storm Drainage Manhole	6	EA	\$ 3,000.00	\$ 18,000.00
45	Connect to Existing Storm Line	2	EA	\$ 1,500.00	\$ 3,000.00
46	12" PVC - Water	3033	LF	\$ 46.50	\$ 141,034.50
47	10" PVC - Water	90	LF	\$ 70.50	\$ 6,345.00
48	8" PVC - Water	552	LF	\$ 52.00	\$ 28,704.00
49	6" PVC - Water	321	LF	\$ 41.00	\$ 13,161.00
50	4" PVC - Water	184	EA	\$ 41.00	\$ 7,544.00
51	2" PVC - Water	256	EA	\$ 17.50	\$ 4,480.00
52	12" Butterfly Valve	16	EA	\$ 2,900.00	\$ 46,400.00
53	8" Gate Valve	8	EA	\$ 1,800.00	\$ 14,400.00
54	6" Gate Valve	7	EA	\$ 1,450.00	\$ 10,150.00
55	4" Gate Valve	4	EA	\$ 1,300.00	\$ 5,200.00
56	2" Ball Valve	5	EA	\$ 145.00	\$ 725.00
57	Hydrant Bury, Valve and Tee	7	EA	\$ 3,850.00	\$ 26,950.00
58	Cut-in Tee to Existing Water line	1	EA	\$ 10,350.00	\$ 10,350.00
59	Air Release Valve	3	EA	\$ 4,200.00	\$ 12,600.00

60	Blow-off Valve	4	EA	\$	4,750.00	\$	19,000.00	
61	Stub and Plug Proposed Water Line	19	EA	\$	100.00	\$	1,900.00	
62	54" RCP - Irrigation	338	LF	\$	220.00	\$	74,360.00	
63	60" Irrigation Manhole	1	EA	\$	3,150.00	\$	3,150.00	
64	Drain 7 - Drain 8 Outfall Structure	1	EA	\$	357,850.00	\$	357,850.00	
65	3' x 12' Box Culvert	514	LF	\$	1,440.00	\$	740,160.00	
66	Connect to Existing Box Culvert	1	EA	\$	4,700.00	\$	4,700.00	
67	FCOC Earthwork	9838	CY	\$	5.30	\$	52,141.40	
68	FCOC Grading	114014	SF	\$	0.10	\$	11,401.40	
69	6" Vertical Curb and Gutter	6,471	LF	\$	14.50	\$	93,829.50	
70	6" Vertical Curb Only	1021	LF	\$	14.00	\$	14,294.00	
71	8" Median Curb	6165	LF	\$	14.00	\$	86,310.00	
72	3' Bus Bay Valley Gutter	650	LF	\$	31.00	\$	20,150.00	
73	AC Dike	130	LF	\$	15.00	\$	1,950.00	
74	6" PCC Concrete Walk (includes ramps and returns)	45961	SF	\$	3.75	\$	172,353.75	
75	6" PCC Concrete with Rebar for Bus Bay	3,723.00	SF	\$	10.25	\$	38,160.75	
76	ADA Ramp (Labor and Truncated Domes Only)	9	EA	\$	2,650.00	\$	23,850.00	
77	Mid-Block ADA Ramp (Labor and Truncated Domes Only)	10	EA	\$	2,400.00	\$	24,000.00	
78	Class 2 Aggregate Base	6053	CY	\$	42.00	\$	254,226.00	
79	Hot Mix Asphalt Type A (Includes Overlay Areas)	9429	TON	\$	75.00	\$	707,175.00	
80	0.2' - Pavement Grind and Overlay	22229	SF	\$	0.50	\$	11,114.50	
81	Temporary Access Road	4231	SF	\$	3.00	\$	12,693.00	
82	Install Headerboard and Barricade	241	LF	\$	55.00	\$	13,255.00	
83	150 Watt Electrolier	14	EA	\$	19,750.00	\$	276,500.00	
84	Street Name Sign	4	EA	\$	320.00	\$	1,280.00	
85	Traffic Delineation	10275	LF	\$	3.20	\$	32,880.00	
86	Street Arrow	62	EA	\$	195.00	\$	12,090.00	
87	Bicycle Lane Striping	10407	LF	\$	1.60	\$	16,651.20	
88	Bicycle Lane Signage	14	EA	\$	320.00	\$	4,480.00	
89	Stamped and Colored Band in Median	5569	SF	\$	8.00	\$	44,552.00	
90	Stamped and Colored Median Fill	913	SF	\$	8.00	\$	7,304.00	
91	Cut and cap existing irrigation and repair existing landscape as needed in median and parkway strip along Daniels Street	1	LS	\$	2,400.00	\$	2,400.00	
92	Remove Turf Irrigation and sod at Big League Dreams to accommodate new driveway and Daniels Street Realignment	1	LS	\$	4,700.00	\$	4,700.00	
93	Finish Grading	81199	SF	\$	0.35	\$	28,419.65	
94	Soil Amendments	81199	SF	\$	0.45	\$	36,539.55	
95	Irrigation POC and backflow	1	EA	\$	111,800.00	\$	111,800.00	
96	Controller with cabinet and electrical service	1	EA	\$	66,000.00	\$	66,000.00	
97	Irrigation Booster Pump	1	SF	\$	30,250.00	\$	30,250.00	
98	Shrub Bubbler Irrigation	53,641	SF	\$	2.90	\$	155,558.90	
99	Tree Bubbler Irrigation (2 bubblers per tree)	210	EA	\$	172.00	\$	36,120.00	
100	Gear Rotor Turf Irrigation	22308	SF	\$	0.40	\$	8,923.20	
101	Tree, 36"-box with 11' Reddy Stake	21	EA	\$	525.00	\$	11,025.00	
102	Tree, 15-gallon with 9' Reddy Stake	189	EA	\$	160.00	\$	30,240.00	
103	Shrubs, 5-gallon	34	EA	\$	26.00	\$	884.00	
104	Shrubs, 2-gallon	48	EA	\$	22.00	\$	1,056.00	
105	Shrubs, 1-gallon	905	EA	\$	10.50	\$	9,502.50	
106	Groundcover, 1-gallon	905	EA	\$	10.25	\$	9,276.25	
107	Turf, sodded	22308	SF	\$	0.85	\$	18,961.80	
108	Root Barrier	3808	LF	\$	9.75	\$	37,128.00	
109	Bark Mulch	58891	SF	\$	0.70	\$	41,223.70	
110	90 Day maintenance period (Median)	1	LS	\$	1,150.00	\$	1,150.00	
111	90 Day maintenance period (Streetscape)	1	LS	\$	8,250.00	\$	8,250.00	
112	Street Monuments	10	EA	\$	465.00	\$	4,650.00	
113	Joint Trench	3382	LF	\$	78.00	\$	263,796.00	
114	Traffic Signals (Complete-in-Place)	3	EA	\$	615,000.00	\$	1,845,000.00	
BID TOTAL:							\$	9,463,109.95