

**HUTCHINSON, MOORE & RAUCH, LLC****ENGINEERS ♦ SURVEYORS ♦ LAND PLANNERS****ENGINEERING COST ESTIMATE**

Owner: City of Foley

Project: Juniper Street Extension

Date: May 30, 2019

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
1	CLEARING AND GRUBBING (APPROX. 2.5 ACRES) (201-A)	LS	1		\$ 16,250.00
2	UNCLASSIFIED EXCAVATION (210-A)	CYIP	14,000	\$ 6.50	\$ 91,000.00
3	BORROW EXCAVATION, 24" MIN. SAND CLAY (A-2-4 OR BETTER) (210-D)	CY (TBM)	18,700	\$ 11.00	\$ 205,700.00
4	ROADBED PROCESSING (230-A)	RDBD STA	45	\$ 300.00	\$ 13,500.00
5	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 5" COMPACTED THICKNESS (301-A)	SYCIP	12,000	\$ 14.50	\$ 174,000.00
6	GRANULAR SOIL BASE, COURSE, LOWER LAYER, TYPE A, ROAD MIXED, 4" COMPACTED THICKNESS (301-A)	SYCIP	12,000	\$ 2.50	\$ 30,000.00
7	AGGREGATE SURFACING (3" THICK) (305-B)	TON	59	\$ 50.00	\$ 2,950.00
8	BITUMINOUS TREATMENT, TYPE A (401-A)	SY	11,800	\$ 1.00	\$ 11,800.00
9	TACK COAT (0.03 GAL/SY) (405-A)	GAL	367	\$ 5.00	\$ 1,835.00
10	BITUMINOUS BINDER LAYER, 220 LBS/SY (429-B)	TON	1,334	\$ 95.00	\$ 126,730.00
11	BITUMINOUS WEARING SURFACE, 110 LBS/SY (429-A)	TON	667	\$ 95.00	\$ 63,365.00
12	24" RCP, CLASS 3 (530-A)	LF	150	\$ 40.00	\$ 6,000.00
13	22"x13" RCAP, CLASS 3 (530- B)	LF	250	\$ 40.00	\$ 10,000.00
14	29"x18" RCAP, CLASS 3 (530- B)	LF	100	\$ 50.00	\$ 5,000.00
15	MOBILIZATION (600-A)	LS	1		\$ 40,000.00
16	MIRAFI 500X SUBGRADE STABILIZATION FABRIC (610-D)	SYIP	2,600	\$ 5.00	\$ 13,000.00
17	FILTER CLOTH, NON-WOVEN (610-D)	SYIP	375	\$ 5.00	\$ 1,875.00
18	4:1 SLOPE PAVED HEADWALL (24") (619-A)	EA	8	\$ 1,000.00	\$ 8,000.00
19	4:1 SLOPE PAVED HEADWALL (DOUBLE 22"X13") (61B-A)	EA	4	\$ 1,650.00	\$ 6,600.00

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
20	4:1 SLOPE PAVED HEADWALL (DOUBLE 22"X13") (619-B)	EA	4	\$ 2,100.00	\$ 8,400.00
21	TOPSOIL FROM STOCKPILES (650-A)	CYIP	1,875	\$ 6.50	\$ 12,187.50
22	TEMP. SEEDING (652-A)	ACRE	3.5	\$ 750.00	\$ 2,625.00
23	TEMP. MULCHING, CLASS A, TYPE 1 (656-A)	ACRE	3.5	\$ 750.00	\$ 2,625.00
24	SOLID SODDING (654-A)	SY	16,800	\$ 4.25	\$ 71,400.00
25	POLYETHYLENE SHEETING (665-E)	SY	1,000	\$ 2.50	\$ 2,500.00
26	SAND BAGS (665-G)	EA	400	\$ 3.50	\$ 1,400.00
27	SILT FENCE, TYPE A (665-J)	LF	2,000	\$ 5.00	\$ 10,000.00
28	WATTLES (665-Q)	LF	800	\$ 8.00	\$ 6,400.00
29	ENGINEERING CONTROLS (680-A)	LS	1		\$ 4,500.00
30	SOLID WHITE STRIPE, CLASS 2, TYPE A, 4" WIDE, 0.09" THICK (701-A)	MI	1.7	\$ 5,000.00	\$ 8,500.00
31	SOLID YELLOW STRIPE, CLASS 2, TYPE A, 4" WIDE, 0.09" THICK (701-A)	MI	1.7	\$ 5,000.00	\$ 8,500.00
32	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A, 24" WIDE, STOP BAR (0.09" THICK) (703-A)	SF	36	\$ 6.00	\$ 216.00
33	REFLECTIVE PAVEMENT MARKERS, CLASS A-H, TYPE 2-D (705-A)	EA	120	\$ 6.50	\$ 780.00
34	TRAFFIC CONTROL (740-A)	LS	1		\$ 7,500.00
35	TRAFFIC SIGNS	LS	1		\$ 2,500.00
36	MODIFICATIONS AT CR 20S & 59 & JUNIPER (EXCLUDING SIGNALIZATION)	LS	1		\$ 350,000.00
TOTAL AMOUNT					\$ 1,327,638.50

Because the Engineer does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry. The engineer cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost.