HMR HUTCHINSON, MOORE & RAUCH, LLC
ENGINEERS♦ SURVEYORS ♦ LAND PLANNERS

ENGINEERING COST ESTIMATE

Owner: **City of Gulf Shores**
Project: **Combined Projects**
Date: **May 17, 2016**

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
1	ASPHALT REMOVAL (206-C)	SY	1,210	$ 7.00	$ 8,470.00
2	UNCLASSIFIED EXCAVATION (210-A)	CY	335	$ 8.50	$ 2,847.50
3	BORROW EXCAVATION, SELECT FILL (A3 OR BETTER) (210-D)	CY (TBM)	20	$ 12.00	$ 240.00
4	CRUSHED AGGREGATE BASE, 8" COMPACTED THICKNESS (301-B)	SY	1,250	$ 16.00	$ 20,000.00
5	AGGREGATE SURFACING (3" THICK) (305-B)	TON	155	$ 55.00	$ 8,525.00
6	TACK COAT (405-A)	GAL	1,505	$ 3.00	$ 4,515.00
7	JOINT SEALANT FOR CRACKS (407-A)	LF	2,950	$ 1.15	$ 3,392.50
8	MILLING (TIE-INS) (408-A)	SY	3,050	$ 10.00	$ 30,500.00
9	BITUMINOUS CONCRETE WEARING SURFACE, 1.5" COMPACTED THICKNESS (165#/SY)(424-A)	TON	1,915	$ 90.00	$ 172,350.00
10	BITUMINOUS CONCRETE BINDER LAYER, 1.5" COMPACTED THICKNESS (165#/SY) (424-B)	TON	125	$ 90.00	$ 11,250.00
11	BITUMINOUS CONCRETE BINDER LAYER, LEVELING, 1.5" COMPACTED THICKNESS (165#/SY)	TON	20	$ 90.00	$ 1,800.00
12	18" RCP (530-A)	LF	8	$ 62.50	$ 500.00
13	CONCRETE SLOPE PAVED HEADWALL (18")	EA	1	$ 700.00	$ 700.00
14	MOBILIZATION (600-A)	LS	1		$ 22,000.00
15	UTILITY VALVE BOX ADJUSTMENT	EA	23	$ 200.00	$ 4,600.00
16	TOPSOIL, 3" COMPACTED THICKNESS (650-A)	CY	330	$ 15.00	$ 4,950.00
17	SEEDING (652-A)	ACRE	1	$ 1,500.00	$ 1,500.00
18	SOLID SODDING (654-A)	SY	1,815	$ 4.50	$ 8,167.50
19	MULCHING (656-A)	ACRE	1	$ 1,500.00	$ 1,500.00
20	SILT FENCE, TYPE A (665-J)	LF	150	$ 5.00	$ 750.00
21	WATTLES (665-Q)	LF	412	$ 8.00	$ 3,296.00
22	SOLID WHITE STRIPE, CLASS 1, TYPE A, 5" WIDE, 0.09" THICK (701-A)	MILE	0.90	$ 2,000.00	$ 1,800.00
23	SOLID YELLOW STRIPE, CLASS 1, TYPE A, 5" WIDE, 0.09" THICK (701-A)	MILE	0.90	$ 2,000.00	$ 1,800.00

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ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
24	SOLID YELLOW TEMPORARY TRAFFIC STRIPE, CLASS 1, TYPE A, 5" WIDE, 0.09" THICK (701-G)	MILE	0.90	$ 1,500.00	$ 1,350.00
25	TRAFFIC CONTROL MARKINGS, CLASS 1, TYPE A, STOP BAR (24") (703-A)	SF	1290	$ 5.00	$ 6,450.00
26	CURB REMOVAL	LF	40	$ 7.00	$ 280.00
27	ROLL TYPE CONCRETE CURB (2')	LF	40	$ 30.00	$ 1,200.00
28	TRAFFIC CONTROL	LS	1		$ 5,000.00
29	CONSTRUCTION SIGNS (740-B)	SF	400	$ 6.00	$ 2,400.00
30	CHANNELIZING DRUMS (740-D)	EA	50	$ 25.00	$ 1,250.00
31	CONES (36" HIGH) (740-E)	EA	110	$ 7.00	$ 770.00
32	TREE ROOT REMOVAL	LS	1		$ 1,000.00
33	IRRIGATION LEAK REPAIR	LS	1		$ 2,500.00
34	ASPHALT SPEED TABLE (INCLUDES SIGNAGE, STRIPING AND SPEED TABLE)	LS	1		$ 2,500.00
35	CONCRETE SIDEWALK, 8FT WIDE, 4" THICK	SY	1,420	$ 40.00	$ 56,800.00
				SUBTOTAL CONSTRUCTION COST	**$ 396,953.50**
		ENGINEERING			
	DESIGN				$ 28,000.00
	ALDOT PERMITTING (15TH STREET)				$ 2,500.00
	MATERIALS TESTING				$ 6,500.00
				TOTAL CONSTRUCTION COST	**$ 433,953.50**

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.