

**MARINER BOULEVARD ACCESS MODIFICATIONS
(FROM LANDOVER BLVD. TO ELGIN BLVD.)**

**CONCEPTUAL PLAN
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST**

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
I. GENERAL CONDITIONS					
1	MOBILIZATION	1	LS	\$ 85,000.00	\$ 85,000.00
2	SURVEY LAYOUTS/AS-BUILTS	1	LS	\$ 75,000.00	\$ 75,000.00
3	CONSTRUCTION MATERIAL TESTING	1	LS	\$ 25,000.00	\$ 25,000.00
4	BOND/INSURANCE	1	LS	\$ 34,500.00	\$ 34,500.00
5	MAINTENANCE OF TRAFFIC	1	LS	\$ 150,000.00	\$ 150,000.00
6	PRE/POST AUDIO/VIDEO	1	LS	\$ 2,500.00	\$ 2,500.00
SUBTOTAL					\$ 372,000.00

II. CLEARING, GRUBBING AND EARTHWORK					
7	CLEARING & GRUBBING	1.00	LS	\$ 15,000.00	\$ 15,000.00
8	MILL EXISTING ASPHALT (1.5" AVERAGE DEPTH)	11,770	SY	\$ 4.40	\$ 51,788.00
9	STRIPING ERADICATION (OUTSIDE MILLED AREAS)	1	LS	\$ 25,000.00	\$ 25,000.00
10	CONCRETE SIDEWALK REMOVAL & DISPOSAL (ELGIN)	150	SY	\$ 50.00	\$ 7,500.00
11	CONCRETE CURB REMOVAL & DISPOSAL (ELGIN)	500	LF	\$ 15.00	\$ 7,500.00
12	CONCRETE DRIVEWAY REMOVAL & DISPOSAL (ELGIN)	125	SY	\$ 50.00	\$ 6,250.00
13	INLET PROTECTION SYSTEM	38	EA	\$ 250.00	\$ 9,500.00
SUBTOTAL					\$ 122,538.00

III. ROADWAY CONSTRUCTION					
	ELGIN BOULEVARD WIDENING				
14	13.5" LIMEROCK BASE (LBR 100)	145	SY	\$ 48.00	\$ 6,960.00
15	2" TYPE SP-12.5 ASPHALT (TRAFFIC LEVEL C)	1,070	SY	\$ 32.00	\$ 34,240.00
16	1" TYPE FC-9.5 ASPHALT (TRAFFIC LEVEL C)	1,070	SY	\$ 16.00	\$ 17,120.00
17	CONCRETE CURB & GUTTER, TYPE F	500	LF	\$ 31.00	\$ 15,500.00
18	CONCRETE SIDEWALK, 6" THICK	125	SY	\$ 100.00	\$ 12,500.00
19	CONCRETE SIDEWALK & DRIVEWAY, 4" THICK	45	SY	\$ 65.00	\$ 2,925.00
20	STRIPING, PAINT	1	LS	\$ 18,000.00	\$ 18,000.00
21	STRIPING, THERMOPLASTIC	1	LS	\$ 36,000.00	\$ 36,000.00
22	SIGNAL MODIFICATION	1	LS	\$ 180,000.00	\$ 180,000.00
	MARINER MEDIAN IMPROVEMENT				
23	TRAFFIC SEPARATOR CONCRETE - TYPE I, 2' WIDE	5,710	LF	\$ 125.00	\$ 713,750.00
24	1" TYPE FC-9.5 ASPHALT (TRAFFIC LEVEL C)	10,700	SY	\$ 16.00	\$ 171,200.00
25	STRIPING, PAINT	1	LS	\$ 85,000.00	\$ 85,000.00
26	STRIPING, THERMOPLASTIC	1	LS	\$ 165,000.00	\$ 165,000.00
SUBTOTAL					\$ 1,458,195.00

(FROM LANDOVER BLVD. TO ELGIN BLVD.)

**CONCEPTUAL PLAN
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST**

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
IV. MISCELLANEOUS					
27	PROFESSIONAL DESIGN COST (SURVEYING/ENGINEERING/PERMITTING)	1	LS	\$ 180,000.00	\$ 195,000.00
28	CONSTRUCTION ADMINISTRATION	1	LS	\$ 72,000.00	\$ 72,000.00
SUBTOTAL					\$ 267,000.00
SUMMARY					
I. GENERAL CONDITIONS					\$ 372,000.00
II. CLEARING, GRUBBING & EARTHWORK					\$ 122,538.00
III. ROADWAY CONSTRUCTION					\$ 1,458,195.00
IV. MISCELLANEOUS					\$ 267,000.00
CONTINGENCY @ 25%					\$ 221,974.00
TOTAL					\$ 2,441,707.00

Disclaimer: This opinion of cost is based on a preliminary plan and not final design documents. A follow up cost evaluation is recommended upon completion of final design and permit documents. The design professional has no control over the cost of labor, materials, equipment, competitive market conditions at the time of bidding or contractor's means of determining costs. Actual costs may vary based on final project scope and other variable factors not necessarily under the control of the design professional. The opinion of cost is based on the design professional's judgement and is not a guarantee that bids or actual construction cost will not vary from the opinion of cost presented. The opinion of cost does not include land acquisition costs, permit fees, impact and utility connection fees, mitigation fees, professional design fees, hardscape, landscape, perimeter fencing, street lighting and hard utilities.

Prepared by: Coastal Engineering Associates, Inc.

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