

## Legacy Hill Drive Traffic Signal

Prepared Date: 04/22/22

Updates: 05/12/22

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	PRICE
203-01595	POTHOLING	LS	1	\$ 14,500.00	\$ 14,500.00
503-00036	DRILLED SHAFT (36 INCH)	LF	19	\$ 464.37	\$ 8,823.03
503-00048	DRILLED SHAFT (48 INCH)	LF	21	\$ 662.35	\$ 13,909.35
503-00054	DRILLED SHAFT (54 INCH)	LF	42	\$ 1,039.81	\$ 43,672.02
613-01200	2 INCH ELECTRICAL CONDUIT (PLASTIC)	LF	996	\$ 14.37	\$ 14,312.52
613-01300	3 INCH ELECTRICAL CONDUIT (PLASTIC)	LF	1,424	\$ 17.87	\$ 25,446.88
613-07034	PULL BOX (24"x36"x18")	EA	4	\$ 1,728.22	\$ 6,912.88
613-07060	PULL BOX (36"x48"x18")	EA	1	\$ 1,823.25	\$ 1,823.25
613-13011	LUMINAIRE (LED)(11,000 LUMENS)	EA	4	\$ 2,060.83	\$ 8,243.32
613-50109	METER POWER PEDESTAL	EA	1	\$ 6,409.00	\$ 6,409.00
614-00012	SIGN PANEL (CLASS 2)	SF	11	\$ 37.57	\$ 408.57
614-00015	LIGHTED STREET NAME SIGN (FURNISH AND INSTALL)	EA	3	\$ 696.15	\$ 2,088.45
614-10160	SIGNAL HEAD BACK PLATES	EA	8	\$ 441.72	\$ 3,533.76
614-10170	TRAFFIC SIGNAL HEAD VISORS	EA	33	\$ 38.07	\$ 1,256.31
614-70150	PEDESTRIAN SIGNAL FACE (16) (COUNTDOWN)	EA	2	\$ 614.38	\$ 1,228.76
614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EA	11	\$ 838.29	\$ 9,221.19
614-72836	CONFLICT MONITOR	EA	1	\$ 1,100.00	\$ 1,100.00
614-72855	TRAFFIC SIGNAL CONTROLLER CABINET	EA	1	\$ 29,017.85	\$ 29,017.85
614-72863	PEDESTRIAN PUSH BUTTON POST ASSEMBLY	EA	2	\$ 2,266.73	\$ 4,533.46
614-72895	VEHICLE DETECTION SYSTEM (SINGLE CAMERA)	EA	3	\$ 6,876.42	\$ 20,629.26
614-81155	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-55 FOOT MAST ARM)	EA	1	\$ 22,188.40	\$ 22,188.40
614-81165	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-65 FOOT MAST ARM)	EA	1	\$ 26,763.10	\$ 26,763.10
614-81175	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-75 FOOT MAST ARM)	EA	2	\$ 30,440.54	\$ 60,881.08
614-84000	TRAFFIC SIGNAL PEDESTAL POLE STEEL	EA	2	\$ 2,521.41	\$ 5,042.82
614-86238	TRAFFIC SIGNAL CONTROLLER (SOLID STATE) (FULL-ACTUATED ) (8 PHASE)	EA	1	\$ 7,293.00	\$ 7,293.00
614-86710	TRAFFIC SIGNAL EQUIPMENT	LS	1	\$ 24,500.00	\$ 24,500.00
614-87690	ETHERNET SWITCH	EA	1	\$ 5,500.00	\$ 5,500.00
614-87708	CELLULAR MODEM (CDMA)	EA	1	\$ 3,300.00	\$ 3,300.00
625-00000	CONSTRUCTION SURVEYING	LS	1	\$ 9,750.00	\$ 9,750.00
626-00000	MOBILIZATION	LS	1	\$ 49,000.00	\$ 49,000.00
630-80000	TRAFFIC CONTROL	LS	1	\$ 49,000.00	\$ 49,000.00
700-70380	EROSION CONTROL	FA	1	\$ 9,750.00	\$ 9,750.00
800-00000	FA MINOR CONTRACT REVISIONS	LS	1	\$ 14,500.00	\$ 14,500.00

**Notes:**

- 1). This Cost Opinion is based upon Preliminary Layout as of August 2019.
- 2). Since ENGINEER has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor(s)' method of determining prices, or over the competitive bidding or market conditions, its opinions of probable cost provided herein are made on the basis of its experience and qualifications and represents its best judgment as an experienced and qualified professional engineer, familiar with the construction industry, but ENGINEER cannot and does not guarantee that proposals, bids or actual Projects or Construction Cost will not vary from its opinion of probable cost.
- 3). All costs are 2022 dollars calculated as follows: 2020 Cost data inflated by 10.50%
- 4). Basis of Lump Sum Items are as follows:
  - Potholing 3% of Construction Cost
  - F/A Minor Contract Rev 3% of Construction Cost
  - Traffic Signal Equipment: 5% of Construction Cost
  - Construction Surveying: 2% of Construction Cost
  - Mobilization: 10% of Construction Cost
  - Traffic Control: 10% of Construction Cost
  - Erosion Control 2% of Construction Cost

5). Basis of "Lump Sum" Traffic Signal Equipment is for all additional equipment and labor to make the traffic signal functional.

	TOTAL	\$ 490,038.26
	20% CONTINGENCY	\$98,007.65
	<b>GRAND TOTAL</b>	<b>\$588,045.92</b>