

Gorrill Palmer
Preliminary Opinion of Probable Construction Cost

5/25/2018

WIN **18665.00**
Project Location: **South Portland, Maine**
Project Name: **Broadway Intersection Improvements**
Date: **5/25/2018**

Calculated By: DB
Checked By: TCL, DGE

Description of Work:
Opinion of Probable Construction Cost - Final PDR Estimate

Notes/Assumptions:

1. This estimate is based on Broadway Intersection Improvements Final PDR Plans 5/25/18.
2. Work assumes partial depth widening along the Casco Bay Bridge approach to the Waterman/Broadway intersection.
3. Partial depth reconstruction assumes 6" pavement, 12" gravel and 18" common excavation.
4. Catch basin and culvert pipe locations based on conceptual drainage layout.
6. Costs exclude right of way, utilities, geotechnical, environmental, engineering and inspection.

Item	Item Description	Unit	Unit Price	Quantity	Amount
201.23	REMOVING SINGLE TREE TOP ONLY	EA	\$ 700.00	1	\$ 700.00
201.24	REMOVING STUMP	EA	\$ 400.00	1	\$ 400.00
203.20	COMMON EXCAVATION	CY	\$ 25.00	400	\$ 10,000.00
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	CY	\$ 35.00	300	\$ 10,500.00
403.208	HOT MIX ASPHALT 12.5 MM	T	\$ 150.00	220	\$ 33,000.00
403.209	HOT MIX ASPHALT 9.5 MM (INCIDENTALS)	T	\$ 185.00	30	\$ 5,550.00
603.159	12" CULVERT PIPE OPTION III	LF	\$ 65.00	5	\$ 325.00
604.16	ALTER CATCH BASIN TO MANHOLE	EA	\$ 1,200.00	1	\$ 1,200.00
604.18	ADJUST MANHOLE OR CATCH BASIN TO GRADE	EA	\$ 750.00	1	\$ 750.00
604.252	CATCH BASIN TYPE A5-C	EA	\$ 3,100.00	1	\$ 3,100.00
606.1301	31" W- BEAM GUARDRAIL - MIDWAY SPLICE (STEEL POSTS, 8" OFFSET BLOCKS, SINGLE FACE)	LF	\$ 18.00	162.5	\$ 2,925.00
606.1306	31" W- BEAM GUARDRAIL - MIDWAY SPLICE TANGENT TERMINAL 31" HT	EA	\$ 3,000.00	1	\$ 3,000.00
608.08	REINFORCED CONCRETE SIDEWALK	SY	\$ 120.00	80	\$ 9,600.00
608.26	CURB RAMP DETECTABLE WARNING FIELD	SF	\$ 75.00	160	\$ 12,000.00
609.11	VERTICAL CURB TYPE 1	LF	\$ 35.00	520	\$ 18,200.00
609.234	TERMINAL CURB TYPE 1 - 4 FOOT	EA	\$ 165.00	2	\$ 330.00
609.238	TERMINAL CURB TYPE 1 - 8 FOOT	EA	\$ 340.00	9	\$ 3,060.00
609.34	CURB TYPE 5	LF	\$ 30.00	125	\$ 3,750.00
615.07	LOAM	CY	\$ 45.00	50	\$ 2,250.00
618.13	SEEDING METHOD NUMBER 1	UN	\$ 35.00	8	\$ 280.00
619.1201	MULCH	UN	\$ 25.00	8	\$ 200.00
626.11	PRECAST CONCRETE JUNCTION BOX	EA	\$ 700.00	8	\$ 5,600.00
626.22	NON METALLIC CONDUIT	LF	\$ 12.00	1600	\$ 19,200.00
626.31	18" FOUNDATION	EA	\$ 700.00	1	\$ 700.00
626.32	24" FOUNDATION	EA	\$ 1,000.00	8	\$ 8,000.00
643.71	TRAFFIC SIGNAL MODIFICATIONS	LS	\$ 30,000.00	3	\$ 90,000.00
643.81	TRAFFIC SIGNAL CONTROL SYSTEM	LS	\$ 34,000.00	1	\$ 34,000.00
643.90	INTERCONNECT WIRE BETWEEN (2000 LF)	LS	\$ 16,000.00	1	\$ 16,000.00
643.92	PEDESTAL POLE	EA	\$ 850.00	9	\$ 7,650.00
652.00	MAINTENANCE OF TRAFFIC	LS	\$ 24,000.00	1	\$ 24,000.00
659.10	MOBILIZATION	LS	\$ 25,000.00	1	\$ 25,000.00
SUBTOTAL					\$ 351,270.00
CONTINGENCY (8%)					\$ 28,101.60
TOTAL					\$ 379,371.60
SAY					\$ 379,400.00