

Gorrill-Palmer Consulting Engineers Inc.
Preliminary Opinion of Probable Construction Cost

4/3/2015

Project WIN: 2786.27
Project Location: Windham, Maine
Comments: Anglers Road Realignment - Preliminary
Date: 4/3/2015
References: Unit pricing provided by MaineDOT.
Calculated By: Owen Chaplin
Checked By: Will Haskell

- Notes:
1. Opinion of cost does not include engineering or construction inspection costs.
 2. Opinion of cost does not include legal, right of way, environmental or utility costs.
 3. Opinion of cost does not include street lighting along Route 302 widening or new Anglers Road.
 4. Opinion of cost does not include site work on private abutting properties, except for work within ROW.
 5. Unit pricing obtained from MaineDOT.

Item	Item Description	Unit	Unit Price	Anglers Road		US Route 302		Anglers Road- OPT 2	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
203.20	COMMON EXCAVATION	CY	\$ 16.00	2850	\$ 45,600.00	1450	\$ 23,200.00	2000	\$ 32,000.00
203.25	GRANULAR BORROW	CY	\$ 30.00	0	\$ -	220	\$ 6,600.00	0	\$ -
304.10	AGGREGATE SUBBASE COURSE - TYPE D	CY	\$ 24.00	1800	\$ 43,200.00	1050	\$ 25,200.00	1250	\$ 30,000.00
304.15	AGGREGATE BASE COURSE - TYPE A	CY	\$ 30.00	190	\$ 5,700.00	96	\$ 2,880.00	130	\$ 3,900.00
SP 403.207	HOT MIX ASPHALT 19.0 MM NOMINAL MAXIMUM SIZE	T	\$ 140.00	320	\$ 44,800.00	290	\$ 40,600.00	230	\$ 32,200.00
403.208	HOT MIX ASPHALT 12.5 MM NOMINAL MAXIMUM SIZE - SURFACE	T	\$ 150.00	0	\$ -	150	\$ 22,500.00	0	\$ -
SP 403.209	HOT MIX ASPHALT 9.5 MM NOMINAL MAXIMUM SIZE - INCIDENTAL	T	\$ 165.00	290	\$ 47,850.00	160	\$ 26,400.00	200	\$ 33,000.00
409.15	BITUMINOUS TACK COAT - APPLIED	G	\$ 8.00	110	\$ 880.00	160	\$ 1,280.00	78	\$ 624.00
SP 604.072	CATCH BASIN TYPE A1-C	EA	\$ 3,000.00	4	\$ 12,000.00	4	\$ 12,000.00	3	\$ 9,000.00
605.11	12" UNDERDRAIN TYPE C	LF	\$ 43.00	750	\$ 32,250.00	900	\$ 38,700.00	500	\$ 21,500.00
609.11	CURB TYPE 1	LF	\$ 33.00	690	\$ 22,770.00	610	\$ 20,130.00	490	\$ 16,170.00
609.238	TERMINAL CURB TYPE 1 - 8 FOOT	EA	\$ 300.00	4	\$ 1,200.00	9	\$ 2,700.00	2	\$ 600.00
609.2381	TERMINAL CURB TYPE 1 - 8 FOOT - CIRCULAR	EA	\$ 300.00	2	\$ 600.00	0	\$ -	2	\$ 600.00
615.07	LOAM	CY	\$ 38.00	160	\$ 6,080.00	140	\$ 5,320.00	120	\$ 4,560.00
615.##	STORMWATER TREATMENT SYSTEMS (BIOFILTRATION/INFILTRATION)	LS	\$ 75,000.00	1	\$ 75,000.00	1	\$ 75,000.00	1	\$ 75,000.00
618.13	SEEDING METHOD NUMBER 1	UN	\$ 100.00	13	\$ 1,300.00	11	\$ 1,100.00	10	\$ 1,000.00
621.00	EVERGREEN TREE 2.5 TO 3 INCH	EA	\$ 250.00	15	\$ 3,750.00	0	\$ -	10	\$ 2,500.00
621.20	DECIDUOUS TREE 2.5 TO 3 INCH	EA	\$ 300.00	15	\$ 4,500.00	0	\$ -	10	\$ 3,000.00
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	\$ 0.20	1520	\$ 304.00	2600	\$ 520.00	1020	\$ 204.00
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKINGS	SF	\$ 2.00	24	\$ 48.00	110	\$ 220.00	24	\$ 48.00
627.77	REMOVING EXISTING PAVEMENT MARKING	SF	\$ 2.00	0	\$ -	660	\$ 1,320.00	0	\$ -
643.71	SIGNAL MODIFICATION AT ANGLERS RD AND US ROUTE 302	LS	\$ 25,000.00	0	\$ -	1	\$ 25,000.00	0	\$ -
645.106	DEMOUNT REGULATORY, WARNING, CONFIRMATION, AND ROUTE MARKER ASSEMBLY SIGN	EA	\$ 110.00	0	\$ -	5	\$ 550.00	0	\$ -
645.108	DEMOUNT POLE	EA	\$ 160.00	0	\$ -	5	\$ 800.00	0	\$ -
645.116	REINSTALL REGULATORY, WARNING, CONFIRMATION, AND ROUTE MARKER ASSEMBLY SIGN	EA	\$ 200.00	0	\$ -	5	\$ 1,000.00	0	\$ -
645.271	REGULATORY, WARNING, CONFIRMATION, AND ROUTE MARKER ASSEMBLY SIGN	SF	\$ 37.00	12	\$ 444.00	18	\$ 666.00	12	\$ 444.00
* 652.33	DRUM	EA	\$ 30.00	5	\$ 150.00	5	\$ 150.00	5	\$ 150.00
* 652.34	CONE	EA	\$ 13.00	20	\$ 260.00	30	\$ 390.00	20	\$ 260.00
* 652.35	CONSTRUCTION SIGNS	SF	\$ 14.00	62	\$ 868.00	60	\$ 840.00	62	\$ 868.00
652.36	MAINTENANCE OF TRAFFIC CONTROL	CD	\$ 250.00	5	\$ 1,250.00	25	\$ 6,250.00	5	\$ 1,250.00
* 652.38	FLAGGER	HR	\$ 21.00	100	\$ 2,100.00	200	\$ 4,200.00	100	\$ 2,100.00
* 656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LS	\$ 5,000.00	1.0	\$ 5,000.00	1.0	\$ 5,000.00	1.0	\$ 5,000.00
659.10	MOBILIZATION	LS	\$ 70,000.00	0.5	\$ 35,000.00	0.5	\$ 35,000.00	0.5	\$ 35,000.00
822.34	8" CLASS 52 DUCTILE IRON PIPE	LF	\$ 90.00	950	\$ 85,500.00	0	\$ -	650	\$ 58,500.00
823.325	8" GATE VALVE WITH BOX	EA	\$ 1,200.00	3	\$ 3,600.00	0	\$ -	2	\$ 2,400.00
823.325	12" TAPPING SLEEVE AND VALVE	EA	\$ 5,000.00	1	\$ 5,000.00	0	\$ -	1	\$ 5,000.00
823.338	8" BEND/FITTINGS	EA	\$ 500.00	5	\$ 2,500.00	0	\$ -	3	\$ 1,500.00
823.34	BLOW OFF ASSEMBLY	EA	\$ 1,500.00	1	\$ 1,500.00	0	\$ -	1	\$ 1,500.00
824.30	HYDRANT ASSEMBLY WITH VALVE BOX, COMPLETE	EA	\$ 6,500.00	2	\$ 13,000.00	0	\$ -	1	\$ 6,500.00
SUB-TOTAL					\$ 504,004.00		\$ 385,516.00		\$ 386,378.00
CONTINGENCY (15%)					\$ 75,600.60		\$ 57,827.40		\$ 57,956.70
TOTAL					\$ 579,604.60		\$ 443,343.40		\$ 444,334.70
ROUNDED TOTAL					\$ 579,700.00		\$ 443,400.00		\$ 444,400.00

* Undetermined Location
SP Special Provision Req'd