

ENGINEER'S OPINION OF CONSTRUCTION COSTS
NORTH MAIN STREET RECONSTRUCTION
NAUGATUCK, CONNECTICUT
LOT/CIP APPLICATION
MMI# 2129-33
REV. AUGUST 24, 2016

ITEM NO.	ITEM/DESCRIPTION	UNIT	QTY	UNIT COST	AMOUNT IN FIGURES
0202003	Earth Excavation	CY	4,500	\$ 20.00	\$90,000.00
0202102	Rock Excavation	CY	100	\$ 80.00	\$8,000.00
0202451A	Test Pit	Ea.	10	\$ 400.00	\$4,000.00
0202529	Cut Bituminous Concrete Pavement	LF	380	\$ 3.00	\$1,140.00
0202563	Removal of Trolley Tracks	LF	10,000	\$ 25.00	\$250,000.00
0205001	Trench Excavation (0 - 4' Deep)	CY	1,050	\$ 18.00	\$18,900.00
0205002	Rock In Trench Excavation (0 - 4' Deep)	CY	60	\$ 100.00	\$6,000.00
0205003	Trench Excavation (0 - 10' Deep)	CY	680	\$ 20.00	\$13,600.00
0205004	Rock In Trench Excavation (0 - 10' Deep)	CY	40	\$ 120.00	\$4,800.00
0209001	Formation of Subgrade	SY	10,200	\$ 3.00	\$30,600.00
0212003	Subbase	CY	2,900	\$ 36.00	\$104,400.00
0219011A	Sedimentation Control at Catch Basin	Ea.	30	\$ 120.00	\$3,600.00
0406170	HMA S1.0	Ton	1,500	\$ 100.00	\$150,000.00
0406171	HMA S0.5	Ton	1,500	\$ 100.00	\$150,000.00
0406236	Material For Tack Coat	Gal.	1,100	\$ 6.00	\$6,600.00
0507001	Type "C" Catch Basin	Ea.	22	\$ 2,900.00	\$63,800.00
0507022	Type "C" Catch Basin Double Grate - Type II	Ea.	1	\$ 4,300.00	\$4,300.00
0507222	Type "C-L" Catch Basin Double Grate - Type II	Ea.	1	\$ 4,300.00	\$4,300.00
0507601	Manhole	Ea.	12	\$ 3,200.00	\$38,400.00
0507781	Reset Manhole	Ea.	3	\$ 800.00	\$2,400.00

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0651001	Bedding Material	CY	150	\$ 37.00	\$5,550.00
0651011	12" R.C.Pipe	LF	430	\$ 50.00	\$21,500.00
0651012	15" R.C.Pipe	LF	750	\$ 60.00	\$45,000.00
0651013	18" R.C.Pipe	LF	800	\$ 70.00	\$56,000.00
0811001	Concrete Curbing	LF	460	\$ 30.00	\$13,800.00
0813001	5" Granite Stone Curbing	LF	3050	\$ 42.00	\$128,100.00
0813011	5" Granite Curved Stone Curbing	LF	90	\$ 55.00	\$4,950.00
0921001	Concrete Sidewalk	SF	16,100	\$ 11.00	\$177,100.00
0921005	Concrete Sidewalk Ramp	SF	730	\$ 14.00	\$10,220.00
0921039	Detectable Warning Strip	Ea.	6	\$ 150.00	\$900.00
0922500	Bituminous Concrete Driveway (Commercial)	SY	60	\$ 45.00	\$2,700.00
0922501	Bituminous Concrete Driveway	SY	90	\$ 40.00	\$3,600.00
0924006	Concrete Driveway Ramp	SF	1,020	\$ 20.00	\$20,400.00
0944003	Furnishing and Placing Topsoil	SY	200	\$ 7.00	\$1,400.00
0950019	Lawn Seed Mix	SY	200	\$ 2.00	\$400.00
0969061A	Construction Field Office (Small)	Month	12	\$ 1,600.00	\$19,200.00
0970006A	Trafficperson (Municipal Police Officer)	Est. Cost	1	\$ 120,000.00	\$120,000.00
0970007A	Trafficperson (Uniformed Flagger)	Hr.	1,600	\$ 55.00	\$88,000.00
1302061A	Adjust Gate Box (Water)	Ea.	25	\$ 250.00	\$6,250.00
1302062A	Adjust Gate Box (Gas)	Ea.	13	\$ 250.00	\$3,250.00

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1403501A	Reset Manhole (Sanitary Sewer)	Ea.	12	\$ 800.00	\$9,600.00
	Retaining Wall Modifications	L.S.	1	\$ 150,000.00	\$150,000.00
	Gateway Signage & Amenities	L.S.	1	\$ 50,000.00	\$50,000.00
	Landscaping	L.S.	1	\$ 50,000.00	\$50,000.00
	Minor Items (±25%)	L.S.	1	\$ 486,000.00	\$486,000.00
ROADWAY CONTRACT ITEMS SUBTOTAL					\$2,428,760.00

LUMP SUM CONTRACT ITEMS					
0201001	Clearing and Grubbing (±2%)	L.S.	1	\$ 49,000.00	\$49,000.00
0971001	Maintenance & Protection of Traffic (±4%)	L.S.	1	\$ 98,000.00	\$98,000.00
0975002	Mobilization and Project Closeout (±7%)	L.S.	1	\$ 171,000.00	\$171,000.00
0980001	Construction Staking (±1%)	L.S.	1	\$ 25,000.00	\$25,000.00
LUMP SUM CONTRACT ITEMS SUBTOTAL					\$343,000.00

CONTRACT ITEMS TOTAL	\$2,771,760.00
INFLATION ESTIMATE (±4% PER YEAR TO 2018)	\$227,000.00
2018 CONTRACT ITEMS TOTAL	\$2,998,760.00
CONTINGENCIES (±10%)	\$300,000.00
INCIDENTALS TO CONSTRUCTION (±10%)	\$300,000.00
2018 PROJECT TOTAL CONSTRUCTION COST	\$3,598,760.00

2018 PROJECT TOTAL CONSTRUCTION COST (ROUNDED)	\$3,600,000.00
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