

**Little Bay Road Water Improvements**  
Portsmouth, New Hampshire

**Opinion of Probable Cost - Final Design**

July 30, 2024

N. Granese & Sons  
59 Jefferson Ave.  
Salem, MA 01970  
Steven G. Granese

John H. Lyman Excavating  
310 Hoyt Rd.  
Gilford, NH 03249  
James Lyman

Jamco Excavators  
84 Exeter Rd.  
South Hampton, NH 03827  
James Watkins III

S.U. R Construction  
P.O. Box 720  
Rochester, NH 03866  
Jason deWildt

Joseph P. Cardillo & Son  
163 Elm St. Building B  
Salisbury, MA 01952

Northeast Earth Mechanics, LLC  
159 Barnstead Rd.  
Pittsfield, NH 03263  
James N. Locke II

WM. Shapleigh & Son Construction  
4 Industry Drive  
Berwick, ME 03901  
William E. Shapleigh Jr.

ITEM NO.	DESCRIPTION	BID QUANT.	UNITS	UNIT PRICE	EXTENDED COST	UNIT PRICE	EXTENDED COST	UNIT PRICE	EXTENDED COST	UNIT PRICE	EXTENDED COST	UNIT PRICE	EXTENDED COST	UNIT PRICE	EXTENDED COST	UNIT PRICE	EXTENDED COST																								
3.1.06	Furnish and Install 6" Dia. D.I. CL 52 Water Main	90	L.F.	\$ 60.00	\$ 5,400.00	\$ 285.00	\$ 25,650.00	\$ 353.00	\$ 31,770.00	\$ 95.00	\$ 8,550.00	\$ 150.00	\$ 13,500.00	\$ 160.00	\$ 14,400.00	\$ 474.08	\$ 42,667.20																								
3.1.08	Furnish and Install 8" Dia. D.I. CL 52 Water Main	4,400	L.F.	\$ 167.00	\$ 734,800.00	\$ 145.00	\$ 638,000.00	\$ 91.00	\$ 400,400.00	\$ 100.00	\$ 440,000.00	\$ 165.00	\$ 726,000.00	\$ 177.00	\$ 778,800.00	\$ 263.15	\$ 1,157,860.00																								
3.3.1	Furnish and Install 1" Dia. Copper Water Service Pipe	535	L.F.	\$ 15.00	\$ 8,025.00	\$ 105.00	\$ 56,175.00	\$ 33.00	\$ 17,655.00	\$ 85.00	\$ 45,475.00	\$ 30.00	\$ 16,050.00	\$ 130.00	\$ 69,550.00	\$ 141.36	\$ 75,627.60																								
3.3.2	Furnish and Install 2" Dia. Copper Water Service Pipe	40	L.F.	\$ 25.00	\$ 1,000.00	\$ 150.00	\$ 6,000.00	\$ 154.00	\$ 6,160.00	\$ 120.00	\$ 4,800.00	\$ 50.00	\$ 2,000.00	\$ 150.00	\$ 6,000.00	\$ 265.04	\$ 10,601.60																								
3.4.1	Furnish and Install 1" Water Service Connection	25	Each	\$ 2,800.00	\$ 70,000.00	\$ 1,000.00	\$ 25,000.00	\$ 2,663.00	\$ 66,575.00	\$ 655.00	\$ 16,375.00	\$ 2,400.00	\$ 60,000.00	\$ 500.00	\$ 12,500.00	\$ 2,791.18	\$ 69,779.50																								
3.4.2	Furnish and Install 2" Water Service Connection	2	Each	\$ 4,200.00	\$ 8,400.00	\$ 2,500.00	\$ 5,000.00	\$ 3,459.00	\$ 6,918.00	\$ 1,430.00	\$ 2,860.00	\$ 3,000.00	\$ 6,000.00	\$ 2,000.00	\$ 4,000.00	\$ 3,539.62	\$ 7,079.24																								
3.5.08	Furnish and Install 8" Gate Valve and Box (including all valve box adjustments)	18	Each	\$ 2,500.00	\$ 45,000.00	\$ 2,500.00	\$ 45,000.00	\$ 2,829.00	\$ 50,922.00	\$ 3,175.00	\$ 57,150.00	\$ 2,000.00	\$ 36,000.00	\$ 3,500.00	\$ 63,000.00	\$ 6,832.18	\$ 122,979.24																								
3.6	Furnish and Install Hydrant Assemblies	5	EA	\$ 12,000.00	\$ 60,000.00	\$ 11,000.00	\$ 55,000.00	\$ 10,614.00	\$ 53,070.00	\$ 8,150.00	\$ 40,750.00	\$ 20,000.00	\$ 100,000.00	\$ 12,000.00	\$ 60,000.00	\$ 20,554.03	\$ 102,770.15																								
3.7	Remove Existing Hydrant Assemblies	4	EA	\$ 500.00	\$ 2,000.00	\$ 1,000.00	\$ 4,000.00	\$ 2,113.00	\$ 8,452.00	\$ 2,625.00	\$ 10,500.00	\$ 1,000.00	\$ 4,000.00	\$ 3,000.00	\$ 12,000.00	\$ 1,525.71	\$ 6,102.84																								
6.1	Construction Vibration Monitoring	1	Allow	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00																								
6.3	Unknown Utility Crossing	2	EA	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ 3,024.00	\$ 6,048.00	\$ 1,300.00	\$ 2,600.00	\$ 500.00	\$ 1,000.00	\$ 1.00	\$ 2.00	\$ 19,824.98	\$ 39,649.96																								
6.4	Repair of Unknown Utilities or Mismarked Utilities	2	EA	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 4,798.00	\$ 9,596.00	\$ 2,600.00	\$ 5,200.00	\$ 100.00	\$ 200.00	\$ 1.00	\$ 2.00	\$ 21,666.25	\$ 43,332.50																								
6.5	Ledge Removal (Min \$120/CY)	50	CY*	\$ 120.00	\$ 6,000.00	\$ 200.00	\$ 10,000.00	\$ 456.00	\$ 22,800.00	\$ 150.00	\$ 7,500.00	\$ 120.00	\$ 6,000.00	\$ 120.00	\$ 6,000.00	\$ 399.67	\$ 19,983.50																								
6.6A	Additional Excavation (where requested)	20	CY*	\$ 0.01	\$ 0.20	\$ 30.00	\$ 600.00	\$ 151.00	\$ 3,020.00	\$ 40.00	\$ 800.00	\$ 0.01	\$ 0.20	\$ 50.00	\$ 1,000.00	\$ 41.09	\$ 821.80																								
6.6B	Excavation of Unsuitable Materials	20	CY*	\$ 0.01	\$ 0.20	\$ 50.00	\$ 1,000.00	\$ 151.00	\$ 3,020.00	\$ 40.00	\$ 800.00	\$ 200.00	\$ 4,000.00	\$ 250.00	\$ 5,000.00	\$ 154.92	\$ 3,098.40																								
6.7	Additional Screened Gravel	40	CY*	\$ 0.01	\$ 0.40	\$ 50.00	\$ 2,000.00	\$ 46.00	\$ 1,840.00	\$ 60.00	\$ 2,400.00	\$ 100.00	\$ 4,000.00	\$ 75.00	\$ 3,000.00	\$ 99.72	\$ 3,988.80																								
6.8	Exploratory Test Pit Excavation (where requested)	10	EA	\$ 0.01	\$ 0.10	\$ 300.00	\$ 3,000.00	\$ 2,179.00	\$ 21,790.00	\$ 1,000.00	\$ 10,000.00	\$ 500.00	\$ 5,000.00	\$ 750.00	\$ 7,500.00	\$ 290.75	\$ 2,907.50																								
6.9	Geotechnical Field Testing	1	Allow	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00																								
6.10	Furnish and Install 2"x24" Rigid Polystyrene Insulation	100	LF*	\$ 0.01	\$ 1.00	\$ 15.00	\$ 1,500.00	\$ 21.00	\$ 2,100.00	\$ 8.00	\$ 800.00	\$ 15.00	\$ 1,500.00	\$ 5.00	\$ 500.00	\$ 8.29	\$ 829.00																								
6.11	Calcium Chloride for Dust Control	2,000	LB	\$ 0.01	\$ 20.00	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00	\$ 0.50	\$ 1,000.00	\$ 0.01	\$ 20.00	\$ 0.50	\$ 1,000.00	\$ 7.45	\$ 14,900.00																								
304.3	Crushed Gravel (12" depth for trench repairs)	940	CY	\$ 0.01	\$ 9.40	\$ 100.00	\$ 94,000.00	\$ 58.00	\$ 54,520.00	\$ 90.00	\$ 84,600.00	\$ 0.01	\$ 9.40	\$ 35.00	\$ 32,900.00	\$ 103.56	\$ 97,346.40																								
403.11	<b>Machine</b> Method Pavement (8' Wide Permanent Trench Repair, 4" depth)	1,000	TON	\$ 105.00	\$ 105,000.00	\$ 125.00	\$ 125,000.00	\$ 184.00	\$ 184,000.00	\$ 150.00	\$ 150,000.00	\$ 150.00	\$ 150,000.00	\$ 135.00	\$ 135,000.00	\$ 210.89	\$ 210,890.00																								
403.12	<b>Hand</b> Method Pavement	50	TON	\$ 240.00	\$ 12,000.00	\$ 275.00	\$ 13,750.00	\$ 223.00	\$ 11,150.00	\$ 150.00	\$ 7,500.00	\$ 250.00	\$ 12,500.00	\$ 300.00	\$ 15,000.00	\$ 225.83	\$ 11,291.50																								
417.1	Cold planing bituminous surfaces (4" depth, final trench pavement prep)	4,000	SY	\$ 6.00	\$ 24,000.00	\$ 6.00	\$ 24,000.00	\$ 11.00	\$ 44,000.00	\$ 6.00	\$ 24,000.00	\$ 5.00	\$ 20,000.00	\$ 8.00	\$ 32,000.00	\$ 9.29	\$ 37,160.00																								
603.00312	12" Dia. Reinforced Concrete Drain Pipe	50	LF	\$ 250.00	\$ 12,500.00	\$ 250.00	\$ 12,500.00	\$ 197.00	\$ 9,850.00	\$ 190.00	\$ 9,500.00	\$ 200.00	\$ 10,000.00	\$ 225.00	\$ 11,250.00	\$ 270.99	\$ 13,549.50																								
618.7	Uniformed Flaggers For Traffic Control	400	Hour	\$ 53.00	\$ 21,200.00	\$ 60.00	\$ 24,000.00	\$ 61.00	\$ 24,400.00	\$ 53.00	\$ 21,200.00	\$ 50.00	\$ 20,000.00	\$ 50.00	\$ 20,000.00	\$ 263.62	\$ 105,448.00																								
618.61	Uniformed Officer For Traffic Control	1	Allow	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00																								
619.1	Maintenance of Traffic (including temporary stabilization)	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 40,000.00	\$ 40,000.00	\$ 12,067.00	\$ 12,067.00	\$ 50,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 35,112.06	\$ 35,112.06																								
619.253	Portable Changeable Message Boards	20	WK	\$ 375.00	\$ 7,500.00	\$ 100.00	\$ 2,000.00	\$ 823.00	\$ 16,460.00	\$ 900.00	\$ 18,000.00	\$ 150.00	\$ 3,000.00	\$ 300.00	\$ 6,000.00	\$ 425.00	\$ 8,500.00																								
645.531	Silt Fence	5,000	LF	\$ 4.00	\$ 20,000.00	\$ 2.00	\$ 10,000.00	\$ 3.00	\$ 15,000.00	\$ 6.00	\$ 30,000.00	\$ 2.00	\$ 10,000.00	\$ 3.00	\$ 15,000.00	\$ 6.17	\$ 30,850.00																								
645.7	Storm Water Pollution Prevention Plan (SWPPP)	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,972.00	\$ 2,972.00	\$ 10,000.00	\$ 10,000.00	\$ 500.00	\$ 500.00	\$ 15,000.00	\$ 15,000.00	\$ 4,545.10	\$ 4,545.10																								
645.71	Monitoring SWPPP	30	Hour	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00	\$ 172.00	\$ 5,160.00	\$ 75.00	\$ 2,250.00	\$ 10.00	\$ 300.00	\$ 100.00	\$ 3,000.00	\$ 145.44	\$ 4,363.20																								
692	Mobilization	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 75,000.00	\$ 75,000.00	\$ 60,000.00	\$ 60,000.00	\$ 125,000.00	\$ 125,000.00	\$ 38,000.00	\$ 38,000.00	\$ 50,000.00	\$ 50,000.00	\$ 261,871.58	\$ 261,871.58																								
					\$ 1,274,356.30						\$ 1,382,675.00						\$ 1,223,715.00						\$ 1,259,610.00						\$ 1,339,579.60						\$ 1,474,404.00						\$ 2,615,906.17
Addendum 1 & 2 acknowledged					Yes	Yes					Yes	Yes					Yes	Yes					Yes	Yes					Yes												

Notes:

Karen S. Conard, City Manager  
Suzanne M. Woodland, Deputy City Manager/Regulatory Counsel  
Nathan D. Lunney, Deputy City Manager Finance & Administration  
Albert N. Pratt, Water Resource Manager  
Eleftheria Primpas, Procurement Coordinator