

PROJECT: King's Highway North Bridge (158-021) Replacement													
AT: Bid #20-987T Project #2016-16 TOWN OF WESTPORT DATE: June 5, 2020 ENG/ARCH: TOWN OF WESTPORT ESTIMATE:				1 Nagy Brothers Construction, LLC Monroe, CT		2 FGB Construction Co Inc Norwalk, CT		3 Guerrera Construction Company, Inc. Oxford, CT		4 New England Infrastructure, Inc. Hudson, MA		Averages	
ITEM #	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL
1	Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 17,300.00	\$ 17,300.00	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00	\$ 28,075.00	\$ 28,075.00
2	Relocation of Mailbox	1	EA	100.00	100.00	900.00	900.00	500.00	500.00	400.00	400.00	475.00	475.00
3	Earth Excavation	590	CY	20.00	11,800.00	61.00	35,990.00	26.00	15,340.00	40.00	23,600.00	36.75	21,682.50
4	Rock Excavation	20	CY	100.00	2,000.00	102.00	2,040.00	200.00	4,000.00	100.00	2,000.00	125.50	2,510.00
5	Excavate & Reuse Ex. Channel Bottom Material	30	CY	50.00	1,500.00	225.00	6,750.00	107.00	3,210.00	250.00	7,500.00	158.00	4,740.00
6	Supplemental Streambed Material	1	EST	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
7	Cut Bituminous Concrete Pavement	50	LF	3.00	150.00	3.00	150.00	4.00	200.00	5.00	250.00	3.75	187.50
8	Structure Excavation Earth (Excl. Cofferdam & Dew.)	840	CY	20.00	16,800.00	61.00	51,240.00	26.00	21,840.00	40.00	33,600.00	36.75	30,870.00
9	Structure Excavation Rock (Excl. Cofferdam & Dew.)	20	CY	150.00	3,000.00	102.00	2,040.00	200.00	4,000.00	100.00	2,000.00	138.00	2,760.00
10	Cofferdam & Dewatering	1	LS	140,000.00	140,000.00	146,300.00	146,300.00	75,000.00	75,000.00	424,000.00	424,000.00	196,325.00	196,325.00
11	Handling Water (Site No. 1)	1	LS	30,000.00	30,000.00	68,400.00	68,400.00	200,000.00	200,000.00	90,000.00	90,000.00	97,100.00	97,100.00
12	Trench Excavation 0'-4' Deep	18	CY	20.00	360.00	58.00	1,044.00	26.00	468.00	80.00	1,440.00	46.00	828.00
13	Rock in Trench Excavation 0'-4'	34	CY	150.00	5,100.00	102.00	3,468.00	200.00	6,800.00	500.00	17,000.00	238.00	8,092.00
14	Trench Excavation 0'-10' Deep	32	CY	20.00	640.00	58.00	1,856.00	26.00	832.00	100.00	3,200.00	51.00	1,632.00
15	Rock in Trench Excavation 0'-10'	2	CY	200.00	400.00	102.00	204.00	200.00	400.00	400.00	800.00	225.50	451.00
16	Formation of Subgrade	702	SY	3.00	2,106.00	17.00	11,934.00	4.00	2,808.00	9.00	6,318.00	8.25	5,791.50
17	Water Pollution Control	1	EST	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
18	Granular Fill	140	CY	50.00	7,000.00	87.00	12,180.00	52.00	7,280.00	75.00	10,500.00	66.00	9,240.00
19	Pervious Structure Backfill	350	CY	50.00	17,500.00	100.00	35,000.00	90.00	31,500.00	75.00	26,250.00	78.75	27,562.50
20	Sedimentation Control System	350	LF	6.00	2,100.00	10.00	3,500.00	4.00	1,400.00	8.00	2,800.00	7.00	2,450.00
21	Processed Aggregate Base	170	CY	50.00	8,500.00	63.00	10,710.00	53.00	9,010.00	75.00	12,750.00	60.25	10,242.50
22	Sawing & Sealing Joints in Bit. Concrete Pavement	50	LF	55.00	2,750.00	51.00	2,550.00	20.00	1,000.00	35.00	1,750.00	40.25	2,012.50
23	HMA S1.0	250	TON	128.00	32,000.00	110.00	27,500.00	120.00	30,000.00	140.00	35,000.00	124.50	31,125.00
24	HMA S0.375"	160	TON	177.00	28,320.00	110.00	17,600.00	125.00	20,000.00	180.00	28,800.00	148.00	23,680.00
25	HMA S0.25"	10	TON	470.00	4,700.00	110.00	1,100.00	150.00	1,500.00	500.00	5,000.00	307.50	3,075.00
26	Material for Tack Coat	80	GAL	38.00	3,040.00	9.00	720.00	12.00	960.00	40.00	3,200.00	24.75	1,980.00
27	Removal of Existing Bridge	1	LS	30,000.00	30,000.00	50,300.00	50,300.00	125,000.00	125,000.00	125,000.00	125,000.00	82,575.00	82,575.00
28	Type "C" Catch Basin	1	EA	3,000.00	3,000.00	3,800.00	3,800.00	5,000.00	5,000.00	3,200.00	3,200.00	3,750.00	3,750.00
29	Type "C" Catch Basin Top	1	EA	800.00	800.00	1,300.00	1,300.00	1,200.00	1,200.00	2,000.00	2,000.00	1,325.00	1,325.00
30	Hydrodynamic Separator	1	EA	16,000.00	16,000.00	37,900.00	37,900.00	42,500.00	42,500.00	20,000.00	20,000.00	29,100.00	29,100.00
31	Reset Catch Basin	1	EA	1,000.00	1,000.00	850.00	850.00	1,000.00	1,000.00	1,400.00	1,400.00	1,062.50	1,062.50
32	Class "A" Concrete	100	CY	800.00	80,000.00	925.00	92,500.00	1,050.00	105,000.00	950.00	95,000.00	931.25	93,125.00
33	Class "F" Concrete	110	CY	1,000.00	110,000.00	1,150.00	126,500.00	1,250.00	137,500.00	1,300.00	143,000.00	1,175.00	129,250.00
34	1/2" Preformed Expansion Joint Fillet for Bridges	280	SF	11.00	3,080.00	20.00	5,600.00	10.00	2,800.00	7.00	1,960.00	12.00	3,360.00

35	22' x 5' Precast Concrete 3-Sided Culvert	36	LF	3,250.00	117,000.00	5,090.00	183,240.00	4,025.00	144,900.00	2,800.00	100,800.00	3,791.25	136,485.00
36	Deformed Steel Bars	15,900	LB	2.00	31,800.00	3.00	47,700.00	2.00	31,800.00	1.80	28,620.00	2.20	34,980.00
37	Deformed Steel Bars - Epoxy Coated	9,100	LB	2.50	22,750.00	3.50	31,850.00	3.00	27,300.00	2.00	18,200.00	2.75	25,025.00
38	Masonry Facing	1,650	SF	100.00	165,000.00	40.00	66,000.00	85.00	140,250.00	80.00	132,000.00	76.25	125,812.50
39	Bedding Material	8	CY	50.00	400.00	110.00	880.00	57.00	456.00	140.00	1,120.00	89.25	714.00
40	15" R. C. Pipe	33	LF	50.00	1,650.00	135.00	4,455.00	55.00	1,815.00	80.00	2,640.00	80.00	2,640.00
41	Slip-on Check Valve	1	EA	7,000.00	7,000.00	9,400.00	9,400.00	15,000.00	15,000.00	11,000.00	11,000.00	10,600.00	10,600.00
42	Intermediate Riprap	50	CY	80.00	4,000.00	210.00	10,500.00	78.00	3,900.00	100.00	5,000.00	117.00	5,850.00
43	Membrane Waterproofing (Woven Glass Fabric)	72	SY	75.00	5,400.00	73.00	5,256.00	52.00	3,744.00	150.00	10,800.00	87.50	6,300.00
44	Damproofing	120	SY	15.00	1,800.00	26.00	3,120.00	16.00	1,920.00	20.00	2,400.00	19.25	2,310.00
45	Temporary Earth Retaining System	290	SF	50.00	14,500.00	62.00	17,980.00	100.00	29,000.00	50.00	14,500.00	65.50	18,995.00
46	Geotextile (Separation - High Survivability)	220	SY	4.00	880.00	26.00	5,720.00	3.00	660.00	15.00	3,300.00	12.00	2,640.00
47	Bituminous Concrete Lip Curbing	140	LF	13.00	1,820.00	4.00	560.00	14.00	1,960.00	15.00	2,100.00	11.50	1,610.00
48	Bituminous Concrete Park Curbing	65	LF	25.00	1,625.00	5.00	325.00	26.00	1,690.00	25.00	1,625.00	20.25	1,316.25
49	Penetrating Sealer Protective Compound	200	SY	13.00	2,600.00	23.00	4,600.00	18.00	3,600.00	20.00	4,000.00	18.50	3,700.00
50	Temporary Precast Concrete Barrier Curb	120	LF	30.00	3,600.00	40.00	4,800.00	17.00	2,040.00	70.00	8,400.00	39.25	4,710.00
51	Metal Bridge Rail (Handrail)	130	LF	180.00	23,400.00	160.00	20,800.00	400.00	52,000.00	170.00	22,100.00	227.50	29,575.00
52	Steel-backed Timber Guardrail Type A	202	LF	85.00	17,170.00	80.00	16,160.00	82.00	16,564.00	90.00	18,180.00	84.25	17,018.50
53	Steel-backed Timber Guardrail TL-2 End Terminal	1	EA	6,500.00	6,500.00	6,300.00	6,300.00	4,650.00	4,650.00	6,000.00	6,000.00	5,862.50	5,862.50
54	Steel-backed Timber Guardrail Bridge Attachment	3	EA	6,500.00	19,500.00	6,300.00	18,900.00	5,750.00	17,250.00	6,000.00	18,000.00	6,137.50	18,412.50
55	Steel-backed Timber Guard. Ter. Sec. Type SBT-FAT	2	EA	4,500.00	9,000.00	4,200.00	8,400.00	4,650.00	9,300.00	4,000.00	8,000.00	4,337.50	8,675.00
56	5' Monolithic Concrete Sidewalk and Curb	830	SF	15.00	12,450.00	17.00	14,110.00	15.00	12,450.00	17.00	14,110.00	16.00	13,280.00
57	Relay Cobbelstone Driveway	90	SF	15.00	1,350.00	40.00	3,600.00	41.00	3,690.00	30.00	2,700.00	31.50	2,835.00
58	Gravel Driveway	10	SY	30.00	300.00	91.00	910.00	90.00	900.00	75.00	750.00	71.50	715.00
59	Concrete Driveway Ramp	10	SY	140.00	1,400.00	316.00	3,160.00	256.00	2,560.00	500.00	5,000.00	303.00	3,030.00
60	Furnishing & Placing Topsoil	420	SY	7.00	2,940.00	13.00	5,460.00	16.00	6,720.00	10.00	4,200.00	11.50	4,830.00
61	Clethra Alnifolia, Sweet Pepper Bush, 18"-24" Height	9	EA	50.00	450.00	42.00	378.00	82.00	738.00	80.00	720.00	63.50	571.50
62	Maralla Pensylvanica, Northern Bayberry, 18"-24" Ht	16	EA	50.00	800.00	42.00	672.00	82.00	1,312.00	100.00	1,600.00	68.50	1,096.00
63	Amerlanchier x Grandiflora Serviceberry, 2.5" Cal.	2	EA	50.00	100.00	714.00	1,428.00	275.00	550.00	900.00	1,800.00	484.75	969.50
64	Iva Fruteocens, High Tide Bush, 18"-24" Height	6	EA	50.00	300.00	42.00	252.00	82.00	492.00	100.00	600.00	68.50	411.00
65	Baccharis Haimfloia, Groundselbush, 18"-24" Height	5	EA	50.00	250.00	42.00	210.00	165.00	825.00	100.00	500.00	89.25	446.25
66	Turf Establishment	420	SY	3.00	1,260.00	4.00	1,680.00	3.00	1,260.00	3.00	1,260.00	3.25	1,365.00
67	Construction Field Office, Small	8	MO	2,500.00	20,000.00	5,200.00	41,600.00	4,750.00	38,000.00	2,500.00	20,000.00	3,737.50	29,900.00
68	Traffic Person (Municipal Police Officer)	1	EST	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
69	Maintenance and Protection of Traffic	1	LS	20,000.00	20,000.00	4,200.00	4,200.00	35,000.00	35,000.00	10,000.00	10,000.00	17,300.00	17,300.00
70	Mobilization and Project Closeout	1	LS	110,000.00	110,000.00	60,100.00	60,100.00	150,000.00	150,000.00	180,000.00	180,000.00	125,025.00	125,025.00
71	Barricade Warning Light - High Intensity	960	DAY	1.00	960.00	2.00	1,920.00	1.00	960.00	1.00	960.00	1.25	1,200.00
72	Construction Barricade Type III	4	EA	125.00	500.00	1.00	4.00	130.00	520.00	125.00	500.00	95.25	381.00
73	Construction Staking	1	LS	40,000.00	40,000.00	7,600.00	7,600.00	35,000.00	35,000.00	10,000.00	10,000.00	23,150.00	23,150.00
74	Removal and Relocation of Existing Signs	1	LS	1,000.00	1,000.00	2,900.00	2,900.00	1,600.00	1,600.00	1,500.00	1,500.00	1,750.00	1,750.00
75	Sign Face - Sheet Aluminum (Type IX Retr. Sheeting)	7	SF	50.00	350.00	20.00	140.00	100.00	700.00	180.00	1,260.00	87.50	612.50
76	4" White Epoxy Resin Pavement Markings	500	LF	2.00	1,000.00	2.50	1,250.00	3.00	1,500.00	2.00	1,000.00	2.38	1,187.50
77	4" Yellow Epoxy Resin Pavement Markings	500	LF	2.00	1,000.00	2.50	1,250.00	3.00	1,500.00	2.00	1,000.00	2.38	1,187.50

78	Construction Signs	310	SF	20.00	6,200.00	1.00	310.00	11.00	3,410.00	30.00	9,300.00	15.50	4,805.00
79	Reset Manhole (Sanitary Sewer)	1	EA	800.00	800.00	850.00	850.00	1,000.00	1,000.00	1,400.00	1,400.00	1,012.50	1,012.50
80	Protection & Support of Ex. Utility (Telcom. Duct)	1	LS	80,000.00	80,000.00	8,800.00	8,800.00	25,000.00	25,000.00	35,000.00	35,000.00	37,200.00	37,200.00
81	Protection & Support of Ex. Utility (Other)	1	LS	30,000.00	30,000.00	8,800.00	8,800.00	25,000.00	25,000.00	40,000.00	40,000.00	25,950.00	25,950.00
TOTAL BASE BID					\$ 1,404,551.00		\$ 1,447,756.00		\$ 1,798,534.00		\$ 1,948,663.00		\$ 1,649,876.00

Amount higher than lowest bid: \$ - \$ 43,205.00 \$ 393,983.00 \$ 544,112.00

Decimal fraction as compared to selected bid: 1.0000 1.0308 1.2805 1.3874

NOTES:

1. Nagy Brothers' bid used different quantities for Items 13 and 15, Rock in Trench Excavation. The numbers listed above are the corrected values.
2. Nagy Brothers' bid had an error in the total of items for the Total Base Bid. The corrected value is listed above.
3. Nagy Brothers' bid is a lower dollar value, but they indicated in the bid submission that they are not available to start the project on the start date required by Town of Westport.