

VTR B&R Hoosick Upgrade Estimate for BUILD Grant:

Includes work to get to 286K @ 40mph

<u>Bridge Number</u>	<u>MP</u>	<u>Town</u>	<u>FRA Responsibility</u>	<u>Number Of Spans</u>	<u>Structure Length</u>	<u>Deck</u>	<u>Superstructure</u>	<u>Substructure</u>	<u>Year Built</u>	<u>Year Ren.</u>	<u>Scope</u>	<u>Estimate</u>
57.5	0.79	Shaftsbury	RAILROAD	1	152.00	Ballast Deck	Other	Other	1919		Bridge Replacement	\$ 3,000,000.00
58	3.17	Shaftsbury	STATE	1	16.00	Open Deck	Timber Trestle	Stone	1919		Super/Substructure Rehab	\$ 150,000.00
58.5	3.45	Shaftsbury	STATE	1	35.33	Open Deck	Deck Plate Girder	Stone	1902		Bridge Replacement	\$ 850,000.00
59	5.34	Shaftsbury	STATE	1	54.00	Ballast Deck	Masonry Arch	CIP Concrete	1919		Bridge Replacement	\$ 1,000,000.00
59.5	11.50	Arlington	RAILROAD	1	17.67	Open Deck	Beam Span	Stone	1925		Bridge Replacement	\$ 750,000.00
61	12.45	Arlington	RAILROAD	1	94.03	Ballast Deck	Thru Plate Girder	CIP Concrete	1978		Super/Substructure Rehab	\$ 1,500,000.00
62	14.72	Arlington	STATE	2	158.04	Open Deck	Thru Plate Girder	Stone	1901	2011	Super/Substructure Rehab	\$ 1,000,000.00
67	20.96	Manchester	STATE	1	49.67	Open Deck	Deck Plate Girder	CIP Concrete	1896		Super/Substructure Rehab	\$ 650,000.00
71	23.60	Manchester	STATE	1	63.33	Open Deck	Thru Plate Girder	Stone	1903		Super/Substructure Rehab	\$ 650,000.00
72	24.18	Manchester	STATE	1	65.33	Open Deck	Thru Plate Girder	Stone	1903		Super/Substructure Rehab	\$ 1,000,000.00
72.5	24.38	Manchester	RAILROAD	1	10.00	Ballast Deck	Slab	Stone	1919		Bridge Replacement	\$ 500,000.00
72.7	24.48	Manchester	RAILROAD	1	9.00	Ballast Deck	Slab	Stone	1919		Bridge Replacement	\$ 500,000.00
73	25.71	Manchester	STATE	1	45.33	Open Deck	Deck Plate Girder	Stone	1903		Super/Substructure Rehab	\$ 500,000.00
74	26.20	Manchester	STATE	1	47.66	Open Deck	Thru Plate Girder	Stone	1903	2017	Super/Substructure Rehab	\$ 850,000.00
76	27.19	Dorset	STATE	1	45.33	Open Deck	Deck Plate Girder	Stone	1903		Bridge Replacement	\$ 1,000,000.00
77	27.67	Dorset	STATE	1	45.25	Open Deck	Deck Plate Girder	Stone	1903		Bridge Replacement	\$ 1,200,000.00
80	31.80	Dorset	STATE	1	15.25	Ballast Deck	Slab	CIP Concrete	1911		Bridge Replacement	\$ 650,000.00
83	36.35	Mount Tabor	STATE	1	65.33	Open Deck	Thru Plate Girder	CIP Concrete	1903		Super/Substructure Rehab	\$ 850,000.00
85	37.69	Mount Tabor	STATE	1	108.46	Open Deck	Thru Plate Girder	CIP Concrete	1903	1932	Super/Substructure Rehab	\$ 200,000.00
86	37.72	Mount Tabor	STATE	1	15.46	Open Deck	Deck Plate Girder	Stone	1919		Super/Substructure Rehab	\$ 500,000.00
87	40.58	Wallingford	STATE	1	45.33	Open Deck	Thru Plate Girder	Stone	1904		Super/Substructure Rehab	\$ 250,000.00
88	41.35	Wallingford	STATE	2	160.00	Open Deck	Deck Plate Girder	Stone	1892		Super/Substructure Rehab	\$ 1,000,000.00
89	42.67	Wallingford	STATE	1	92.58	Open Deck	Thru Plate Girder	CIP Concrete	1903		Super/Substructure Rehab	\$ 1,250,000.00
92	46.31	Wallingford	RAILROAD	1	16.00	Open Deck	Deck Plate Girder	Stone	1919		Super/Substructure Rehab	\$ 500,000.00
93	47.92	Clarendon	STATE	1	116.00	Open Deck	Thru Truss	Stone	1903		Bridge Replacement	\$ 1,600,000.00
96	50.49	Clarendon	STATE	1	45.33	Open Deck	Thru Plate Girder	CIP Concrete	1912		Super/Substructure Rehab	\$ 500,000.00
98	51.26	Clarendon	STATE	1	48.33	Open Deck	Thru Plate Girder	CIP Concrete	1902		Super/Substructure Rehab	\$ 300,000.00
99.5	53.82	Rutland City	RAILROAD	1	13.08	Open Deck	Slab	Stone	1923		Bridge Replacement	\$ 500,000.00
600	0.96	Hoosick	STATE	3	294.00	Open Deck	DPG / DT / DT	Stone	1910		Super/Substructure Rehab	\$ 750,000.00
601	1.08	Hoosick	RAILROAD	1	68.00	Ballast Deck	Thru Plate Girder	CIP Concrete	1932		Super/Substructure Rehab	\$ 750,000.00
603	3.64	Hoosick	RAILROAD	1	44.00	Open Deck	Deck Plate Girder	Stone	1914		Bridge Replacement	\$ 1,250,000.00

B&R Construction Cost = \$ 23,200,000.00

Hoosick Construction Cost = \$ 2,750,000.00

Total Constructino Cost = \$ 25,950,000.00

Grant Totals:

Construction Cost	\$	25,950,000.00
Admin Cost	\$	300,000.00
PE (Lump Sum)	\$	2,500,000.00
Construction Engineering (7%)	\$	1,816,500.00
Contingency (5%)	\$	1,297,500.00
Total Grant Amount	\$	31,864,000.00

Cost Split:

75% Federal	\$	23,898,000.00
25% State	\$	7,966,000.00