



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.
Assistant Commissioner

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

Bureau of Construction
December 8, 2021

INFORMATIONAL ITEM

1. The Department of Transportation entered into a contract with Casella Construction (Vendor 365350) of Mendon, VT on the basis of a low bid of \$2,638,500.50 for roadway and slope stabilization on NH Rt. 12 in Charlestown, based on Governor and Council approval November 22, 2021 late item B. 100% Federal Funds.

Funding is available in State Fiscal Years 2022 as follows:

Funding is available as follows:	<u>FY 2022</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$2,638,500.50

2. Further a contingency in the amount of \$263,850.05 for payment of latent conditions, which may appear during the construction of the project is also included. The contingency requested is 10% of the contract amount.

Funding is available as follows:	<u>FY 2022</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$263,850.05

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Pave-T2-Rehabilitation program. The Department received advanced approval to execute this contract at the November 22, 2021 Executive Council meeting late item B. This item includes all completed contract documents for final approval by the Council.

The project involves stabilization of a failed roadway embankment along NH Route 12, resulting from the August 1st-2nd storm event, located approximately 0.7 miles north of the intersection of NH 12/Bowen Crossing Road in Charlestown. This segment of roadway is constrained by the 100-floodplain of the Connecticut River on the west, and the New England Central Railroad (NECR) on the east.

The intent of this project is to repair the roadway embankment and reconstruct the road to reopen NH Route 12 to traffic. A slope failure along the western roadway embankment occurred as a result of significant rainfall, which inundated the existing drainage system, saturated the roadway embankment soils, created major roadway settlement and destabilized the slope.

Work includes clearing vegetation, construction of 400' of soil nail wall slope stabilization with associated drainage, construction of 400' of reinforced soil slope stabilization, removal of approximately 700' of existing concrete roadway, and full box reconstruction. Ancillary work includes construction of underdrain and ditchline improvements as well as landscape installation, and guardrail replacement.

The proposed contingency amount is 10% of the contract amount. The risk of overruns associated with the proposed work is high due to the instability of the existing ground, uncertainty and potential inconsistency of the soil and groundwater conditions, final limits of repair area, and continued changing field conditions.

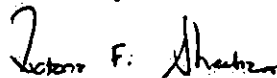
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is: 80% Federal Funding with anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/pcj

Department Estimate: \$2,897,272.50
Contract Amount: \$2,638,500.50
Under Estimate: \$ 258,772.00
Attachments



ABC Bid Data

CHARLESTOWN

43565

X-A005(163)

PROJECT:	CHARLESTOWN	Awarded To:	CASELLA CONSTRUCTION	Certified by:	<u>PETER E. STAMNAS</u>
STATE PROJECT NUMBER:	43565		25 INDUSTRIAL LANE		Director of Project Development
FED. PROJECT NUMBER:	X-A005(163)		MENDON, VT 05701		
DATE BIDS OPEN:	November 18, 2021,	Amount:	\$2,638,500.50		
SCOPE OF WORK:	NH Route 12 roadway and slope stabilization between MM 44.7 and MM 44 (B58 storm project STM77372).	Award Date:			
COMPLETION DATE:	April 29, 2022				
LOCATION:	Sullivan, District 4				

Summary of Bidders

Contractor	Bid Amount	Rank
CASELLA CONSTRUCTION 25 INDUSTRIAL LANE MENDON VT 05701	\$2,638,500.50	A
BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER ROAD, WESTMINSTER VT 05158	\$3,340,932.50	B
J. HUTCHINS INC. 88 ROGERS LANE RICHMOND VT 05477	\$3,420,155.00	C
WEAVER BROS. CONST. CO., INC. 1629 RTE 3A, BOW NH 03304	\$3,993,033.75	D

Item No.	Description	Unit	Quantity	PS&E		CASELLA CONSTRUCTION 25 INDUSTRIAL LANE MENDON, VT 05701		BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER ROAD WESTMINSTER, VT 05158	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.0101	CLEARING	A	.25	\$35,000.00	\$8,750.00	\$14,000.00	\$3,500.00	\$30,000.00	\$7,500.00
201.101	CLEARING AND GRUBBING	A	.20	\$20,000.00	\$4,000.00	\$31,000.00	\$6,200.00	\$35,000.00	\$7,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	825.00	\$5.00	\$4,125.00	\$4.10	\$3,382.50	\$5.50	\$4,537.50
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	825.00	\$5.00	\$4,125.00	\$4.10	\$3,382.50	\$5.50	\$4,537.50
202.31	FILL ABANDONED PIPE	CY	9.00	\$400.00	\$3,600.00	\$589.00	\$5,301.00	\$525.00	\$4,725.00
202.7	REMOVAL OF GUARDRAIL	LF	985.00	\$4.00	\$3,940.00	\$2.30	\$2,265.50	\$3.00	\$2,955.00
203.1	COMMON EXCAVATION	CY	6,400.00	\$19.00	\$121,600.00	\$13.50	\$86,400.00	\$12.00	\$76,800.00
203.11	COMMON EXCAVATION - LRS	CY	550.00	\$20.00	\$11,000.00	\$7.10	\$3,905.00	\$16.00	\$8,800.00
203.2	ROCK EXCAVATION	CY	335.00	\$95.00	\$31,825.00	\$97.50	\$32,662.50	\$28.00	\$9,380.00
203.382	REHANDLING AND TRANSPORTING LRS	CY	250.00	\$10.00	\$2,500.00	\$22.00	\$5,500.00	\$55.00	\$13,750.00
203.5301	LOW PERMEABILITY FILL	CY	120.00	\$150.00	\$18,000.00	\$106.00	\$12,720.00	\$50.00	\$6,000.00
203.5562	EAGRT PLATFORM ALTERNATE	U	1.00	\$1,550.00	\$1,550.00	\$2,100.00	\$2,100.00	\$1,750.00	\$1,750.00
206.1	COMMON STRUCTURE EXCAVATION	CY	680.00	\$38.00	\$25,080.00	\$22.50	\$14,850.00	\$25.00	\$16,500.00
210.35	SOIL NAIL WALL INSTRUMENTATION AND MONITORING	U	1.00	\$125,000.00	\$125,000.00	\$109,000.00	\$109,000.00	\$115,000.00	\$115,000.00
211.121	DEFORMATION MONITORING SERVICES (CONTINUOUS)	U	1.00	\$200,000.00	\$200,000.00	\$102,000.00	\$102,000.00	\$160,000.00	\$160,000.00
214.	FINE GRADING	U	1.00	\$6,000.00	\$6,000.00	\$3,800.00	\$3,800.00	\$9,000.00	\$9,000.00
223.3	SOIL NAIL FACING	SF	4,230.00	\$45.00	\$190,350.00	\$71.00	\$300,330.00	\$100.00	\$423,000.00
223.31	SOIL NAIL IN SOIL	LF	2,350.00	\$62.00	\$145,700.00	\$135.00	\$317,250.00	\$250.00	\$587,500.00
223.32	SOIL NAIL IN ROCK	LF	3,525.00	\$245.00	\$863,625.00	\$79.00	\$278,475.00	\$130.00	\$458,250.00
304.401	CRUSHED STONE (FINE GRADATION)	CY	1,050.00	\$65.00	\$68,250.00	\$37.50	\$39,375.00	\$50.00	\$52,500.00
403.11033	HBP-3/4" WINTER BINDER MIX, MACHINE METHOD	TON	700.00	\$150.00	\$105,000.00	\$107.00	\$74,900.00	\$95.00	\$66,500.00
403.16	PAVEMENT JOINT ADHESIVE	LF	1,650.00	\$1.50	\$2,475.00	\$1.40	\$2,310.00	\$1.50	\$2,475.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	70.00	\$21.00	\$1,470.00	\$17.00	\$1,190.00	\$18.00	\$1,260.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	125.00	\$35.00	\$4,375.00	\$17.50	\$2,187.50	\$30.00	\$3,750.00

Item No.	Description	Unit	Quantity	PS&E		CASELLA CONSTRUCTION 25 INDUSTRIAL LANE MENDON, VT 05701		BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER ROAD WESTMINSTER, VT 05158	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
508.	STRUCTURAL FILL	CY	5,840.00	\$41.00	\$231,240.00	\$38.00	\$214,320.00	\$38.00	\$214,320.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	3.00	\$75.00	\$225.00	\$474.00	\$1,422.00	\$500.00	\$1,500.00
585.2	STONE FILL, CLASS B	CY	600.00	\$50.00	\$30,000.00	\$60.50	\$36,300.00	\$50.00	\$30,000.00
585.3	STONE FILL, CLASS C	CY	450.00	\$55.00	\$24,750.00	\$58.50	\$26,325.00	\$50.00	\$22,500.00
585.33	GROUTED STONE FILL, CLASS C	CY	5.00	\$80.00	\$400.00	\$339.00	\$1,695.00	\$220.00	\$1,100.00
585.5	STONE FILL, CLASS E	CY	900.00	\$50.00	\$45,000.00	\$56.50	\$50,850.00	\$40.00	\$36,000.00
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	4,600.00	\$5.00	\$23,000.00	\$1.60	\$7,360.00	\$3.00	\$13,800.00
593.321	GEOTEXTILE; STABILIZATION CL.2, NON-WOVEN	SY	3,300.00	\$5.00	\$16,500.00	\$1.60	\$5,280.00	\$3.50	\$11,550.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,300.00	\$4.00	\$5,200.00	\$1.60	\$2,080.00	\$3.00	\$3,900.00
595.3	PRIMARY GEOGRID	SY	7,500.00	\$6.00	\$45,000.00	\$2.40	\$18,000.00	\$4.00	\$30,000.00
595.4	SECONDARY GEOGRID	SY	1,500.00	\$4.00	\$6,000.00	\$2.20	\$3,300.00	\$6.00	\$9,000.00
603.00218	18" R.C. PIPE, 2000D	LF	215.00	\$90.00	\$19,350.00	\$125.00	\$26,875.00	\$70.00	\$15,050.00
603.34124	24" STEEL END SECTIONS	EA	4.00	\$500.00	\$2,000.00	\$815.00	\$3,260.00	\$1,000.00	\$4,000.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,000.00	\$3,000.00	\$5,600.00	\$5,600.00	\$3,750.00	\$3,750.00
604.2912	SPECIAL DROP INLET, DOUBLE GRATE	U	3.00	\$5,500.00	\$16,500.00	\$5,700.00	\$17,100.00	\$7,000.00	\$21,000.00
605.5068	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN - SPECIAL	LF	330.00	\$25.00	\$8,250.00	\$21.00	\$6,930.00	\$16.00	\$5,280.00
605.82452	36" AGGREGATE UNDERDRAIN TYPE 2, WITH 12" PERF. CORR. POLYETHYLENE PIPE	LF	410.00	\$44.00	\$18,040.00	\$56.00	\$24,190.00	\$70.00	\$28,700.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGR, TL 3) (STEEL POST)	U	1.00	\$3,400.00	\$3,400.00	\$4,800.00	\$4,800.00	\$5,100.00	\$5,100.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8" STEEL POST)	LF	950.00	\$38.00	\$36,100.00	\$35.50	\$33,725.00	\$38.00	\$36,100.00
618.81	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
618.7	FLAGGERS	HR	300.00	\$37.25	\$11,175.00	\$44.00	\$13,200.00	\$42.00	\$12,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,000.00	\$10,000.00	\$5,200.00	\$5,200.00	\$10,000.00	\$10,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,600.00	\$14,400.00	\$4,500.00	\$18,000.00	\$5,000.00	\$20,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	10.00	\$8.00	\$80.00	\$6.80	\$68.00	\$7.00	\$70.00
628.1	SAWED CONCRETE PAVEMENT	LF	50.00	\$15.00	\$750.00	\$4.90	\$245.00	\$10.00	\$500.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	7,875.00	\$0.60	\$4,725.00	\$1.00	\$7,875.00	\$0.30	\$2,362.50

ABC Bid Data

CHARLESTOWN

43565

X-A005(163)

Item No.	Description	Unit	Quantity	PS&E		CASELLA CONSTRUCTION 25 INDUSTRIAL LANE MENDON, VT 05701		BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER ROAD WESTMINSTER, VT 05158	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.3	EROSION STONE	TON	735.00	\$30.00	\$22,050.00	\$33.00	\$24,255.00	\$36.00	\$26,460.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	5,600.00	\$3.00	\$16,800.00	\$2.30	\$12,880.00	\$2.30	\$12,880.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	800.00	\$6.00	\$4,800.00	\$5.10	\$4,080.00	\$7.00	\$5,600.00
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	50.00	\$5.00	\$250.00	\$3.40	\$170.00	\$5.00	\$250.00
645.531	SILT FENCE	LF	5,250.00	\$3.00	\$15,750.00	\$2.10	\$11,025.00	\$3.00	\$15,750.00
645.811	BONDED FIBER MATRIX (BFM)	LB	3,500.00	\$2.50	\$8,750.00	\$1.40	\$4,900.00	\$3.00	\$10,500.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,500.00	\$4,500.00	\$3,200.00	\$3,200.00	\$3,500.00	\$3,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	60.00	\$86.00	\$5,160.00	\$135.00	\$8,100.00	\$125.00	\$7,500.00
645.8205	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	U	1.00	\$20,000.00	\$20,000.00	\$2,500.00	\$2,500.00	\$22,500.00	\$22,500.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	5,650.00	\$2.00	\$11,300.00	\$0.51	\$2,881.50	\$0.60	\$3,390.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	5,650.00	\$1.75	\$9,887.50	\$0.59	\$3,333.50	\$1.00	\$5,650.00
647.1	HUMUS	CY	400.00	\$30.00	\$12,000.00	\$75.50	\$30,200.00	\$22.00	\$8,800.00
692.	MOBILIZATION	U	1.00	\$114,600.00	\$114,600.00	\$453,000.00	\$453,000.00	\$500,000.00	\$500,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,000.00	\$2,000.00	\$789.00	\$789.00	\$1,000.00	\$1,000.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
698.12	FIELD OFFICE TYPE B	MON	6.00	\$2,000.00	\$12,000.00	\$3,700.00	\$22,200.00	\$4,500.00	\$27,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
1008.51	ALTERATIONS AND ADDITIONS AS NEEDED - MISC. LANDSCAPE TREATMENT	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00
1008.52	ALTERATIONS AND ADDITIONS AS NEEDED - DEWATERING	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1008.54	ALTERATIONS AND ADDITIONS AS NEEDED - LRS DISPOSAL	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Totals:					\$2,897,272.50		\$2,638,500.50		\$3,340,932.50
Alt Totals:									
Totals:					\$2,897,272.50		\$2,638,500.50		\$3,340,932.50

Item No.	Description	Unit	Quantity	PS&E		J HUTCHINS INC 88 ROGERS LANE RICHMOND, VT 05477		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.0101	CLEARING	A	.25	\$35,000.00	\$8,750.00	\$12,500.00	\$3,125.00	\$66,650.00	\$16,662.50
201.101	CLEARING AND GRUBBING	A	.20	\$20,000.00	\$4,000.00	\$23,000.00	\$4,600.00	\$100,000.00	\$20,000.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	825.00	\$5.00	\$4,125.00	\$5.00	\$4,125.00	\$2.00	\$1,650.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	825.00	\$5.00	\$4,125.00	\$5.00	\$4,125.00	\$6.00	\$4,950.00
202.31	FILL ABANDONED PIPE	CY	9.00	\$400.00	\$3,600.00	\$250.00	\$2,250.00	\$400.00	\$3,600.00
202.7	REMOVAL OF GUARDRAIL	LF	985.00	\$4.00	\$3,940.00	\$5.00	\$4,925.00	\$7.00	\$6,895.00
203.1	COMMON EXCAVATION	CY	6,400.00	\$19.00	\$121,600.00	\$18.00	\$115,200.00	\$27.00	\$172,800.00
203.11	COMMON EXCAVATION - LRS	CY	550.00	\$20.00	\$11,000.00	\$43.50	\$23,925.00	\$27.00	\$14,850.00
203.2	ROCK EXCAVATION	CY	335.00	\$95.00	\$31,825.00	\$195.00	\$65,325.00	\$80.00	\$26,800.00
203.382	REHANDLING AND TRANSPORTING LRS	CY	250.00	\$10.00	\$2,500.00	\$150.00	\$37,500.00	\$55.00	\$13,750.00
203.5301	LOW PERMEABILITY FILL	CY	120.00	\$150.00	\$18,000.00	\$85.00	\$10,200.00	\$100.00	\$12,000.00
203.5562	EAGRT PLATFORM ALTERNATE	U	1.00	\$1,550.00	\$1,550.00	\$2,475.00	\$2,475.00	\$1,500.00	\$1,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	660.00	\$38.00	\$25,080.00	\$40.00	\$26,400.00	\$42.00	\$27,720.00
210.35	SOIL NAIL WALL INSTRUMENTATION AND MONITORING	U	1.00	\$125,000.00	\$125,000.00	\$99,085.00	\$99,085.00	\$100,000.00	\$100,000.00
211.121	DEFORMATION MONITORING SERVICES (CONTINUOUS)	U	1.00	\$200,000.00	\$200,000.00	\$99,085.00	\$99,085.00	\$125,000.00	\$125,000.00
214.	FINE GRADING	U	1.00	\$6,000.00	\$6,000.00	\$4,500.00	\$4,500.00	\$15,500.00	\$15,500.00
223.3	SOIL NAIL FACING	SF	4,230.00	\$45.00	\$190,350.00	\$90.00	\$380,700.00	\$230.00	\$972,900.00
223.31	SOIL NAIL IN SOIL	LF	2,350.00	\$62.00	\$145,700.00	\$210.00	\$493,500.00	\$120.00	\$282,000.00
223.32	SOIL NAIL IN ROCK	LF	3,525.00	\$245.00	\$863,625.00	\$110.00	\$387,750.00	\$125.00	\$440,625.00
304.401	CRUSHED STONE (FINE GRADATION)	CY	1,050.00	\$65.00	\$68,250.00	\$52.00	\$54,600.00	\$52.00	\$54,600.00
403.11033	HBP-3/4" WINTER BINDER MIX, MACHINE METHOD	TON	700.00	\$150.00	\$105,000.00	\$95.00	\$66,500.00	\$95.00	\$66,500.00
403.16	PAVEMENT JOINT ADHESIVE	LF	1,650.00	\$1.50	\$2,475.00	\$0.25	\$412.50	\$0.55	\$907.50
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	70.00	\$21.00	\$1,470.00	\$30.00	\$2,100.00	\$12.00	\$840.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	125.00	\$35.00	\$4,375.00	\$45.00	\$5,625.00	\$33.00	\$4,125.00

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				Unit Price	Total	Unit Price	Total	Unit Price	Total
508.	STRUCTURAL FILL	CY	5,840.00	\$41.00	\$231,240.00	\$34.50	\$194,580.00	\$70.00	\$394,800.00
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	3.00	\$75.00	\$225.00	\$1,750.00	\$5,250.00	\$1,500.00	\$4,500.00
585.2	STONE FILL, CLASS B	CY	600.00	\$50.00	\$30,000.00	\$72.00	\$43,200.00	\$75.00	\$45,000.00
585.3	STONE FILL, CLASS C	CY	450.00	\$55.00	\$24,750.00	\$65.00	\$29,250.00	\$45.50	\$20,475.00
585.33	GROUTED STONE FILL, CLASS C	CY	5.00	\$80.00	\$400.00	\$210.00	\$1,050.00	\$200.00	\$1,000.00
585.5	STONE FILL, CLASS E	CY	900.00	\$50.00	\$45,000.00	\$55.00	\$49,500.00	\$60.00	\$54,000.00
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	4,600.00	\$5.00	\$23,000.00	\$3.25	\$14,950.00	\$2.50	\$11,500.00
593.321	GEOTEXTILE; STABILIZATION CL.2, NON-WOVEN	SY	3,300.00	\$5.00	\$16,500.00	\$3.25	\$10,725.00	\$2.50	\$8,250.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,300.00	\$4.00	\$5,200.00	\$3.25	\$4,225.00	\$2.25	\$2,925.00
595.3	PRIMARY GEOGRID	SY	7,500.00	\$6.00	\$45,000.00	\$4.95	\$37,125.00	\$3.75	\$28,125.00
595.4	SECONDARY GEOGRID	SY	1,500.00	\$4.00	\$6,000.00	\$5.00	\$7,500.00	\$4.25	\$6,375.00
603.00218	18" R.C. PIPE, 2000D	LF	215.00	\$90.00	\$19,350.00	\$68.50	\$14,727.50	\$175.00	\$37,625.00
603.34124	24" STEEL END SECTIONS	EA	4.00	\$500.00	\$2,000.00	\$725.00	\$2,900.00	\$400.00	\$1,600.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,000.00	\$3,000.00	\$4,675.00	\$4,675.00	\$3,500.00	\$3,500.00
604.2912	SPECIAL DROP INLET, DOUBLE GRATE	U	3.00	\$5,500.00	\$16,500.00	\$6,385.00	\$19,155.00	\$7,150.00	\$21,450.00
605.5068	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN - SPECIAL	LF	330.00	\$25.00	\$8,250.00	\$20.00	\$6,600.00	\$40.00	\$13,200.00
605.82452	36" AGGREGATE UNDERDRAIN TYPE 2, WITH 12" PERF. CORR. POLYETHYLENE PIPE	LF	410.00	\$44.00	\$18,040.00	\$72.00	\$29,520.00	\$85.00	\$34,850.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$3,400.00	\$3,400.00	\$5,350.00	\$5,350.00	\$4,500.00	\$4,500.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8" STEEL POST)	LF	950.00	\$38.00	\$36,100.00	\$42.00	\$39,900.00	\$40.00	\$38,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00
618.7	FLAGGERS	HR	300.00	\$37.25	\$11,175.00	\$45.00	\$13,500.00	\$57.00	\$17,100.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$10,000.00	\$10,000.00	\$55,000.00	\$55,000.00	\$110,000.00	\$110,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,600.00	\$14,400.00	\$2,700.00	\$10,800.00	\$10,250.00	\$41,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	10.00	\$8.00	\$80.00	\$8.00	\$80.00	\$8.50	\$85.00
628.1	SAWED CONCRETE PAVEMENT	LF	50.00	\$15.00	\$750.00	\$5.00	\$250.00	\$5.00	\$250.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	7,875.00	\$0.60	\$4,725.00	\$0.30	\$2,362.50	\$0.33	\$2,598.75

ABC Bid Data

CHARLESTOWN

43565

X-A005(163)

Item No.	Description	Unit	Quantity	PS&E		J HUTCHINS INC 88 ROGERS LANE RICHMOND, VT 05477		WEAVER BROS. CONST. CO., INC. 1829 RTE 3A BOW, NH 03304	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.3	EROSION STONE	TON	735.00	\$30.00	\$22,050.00	\$50.00	\$36,750.00	\$33.00	\$24,255.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	5,600.00	\$3.00	\$16,800.00	\$2.25	\$12,600.00	\$4.20	\$23,520.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	800.00	\$6.00	\$4,800.00	\$4.95	\$3,960.00	\$5.00	\$4,000.00
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	50.00	\$5.00	\$250.00	\$15.00	\$750.00	\$5.00	\$250.00
645.531	SILT FENCE	LF	5,250.00	\$3.00	\$15,750.00	\$3.00	\$15,750.00	\$3.50	\$18,375.00
645.611	BONDED FIBER MATRIX (BFM)	LB	3,500.00	\$2.50	\$8,750.00	\$2.00	\$7,000.00	\$1.75	\$6,125.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,500.00	\$4,500.00	\$6,750.00	\$6,750.00	\$5,500.00	\$5,500.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	60.00	\$96.00	\$5,160.00	\$75.00	\$4,500.00	\$138.00	\$8,280.00
645.8205	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	U	1.00	\$20,000.00	\$20,000.00	\$13,750.00	\$13,750.00	\$40,000.00	\$40,000.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	5,650.00	\$2.00	\$11,300.00	\$1.00	\$5,650.00	\$0.55	\$3,107.50
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	5,650.00	\$1.75	\$9,887.50	\$1.25	\$7,062.50	\$0.75	\$4,237.50
647.1	HUMUS	CY	400.00	\$30.00	\$12,000.00	\$60.00	\$24,000.00	\$36.00	\$14,400.00
692.	MOBILIZATION	U	1.00	\$114,600.00	\$114,600.00	\$650,000.00	\$650,000.00	\$409,500.00	\$409,500.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,000.00	\$2,000.00	\$2,750.00	\$2,750.00	\$2,750.00	\$2,750.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,000.00	\$4,000.00	\$4,675.00	\$4,675.00	\$3,850.00	\$3,850.00
698.12	FIELD OFFICE TYPE B	MON	6.00	\$2,000.00	\$12,000.00	\$3,000.00	\$18,000.00	\$5,000.00	\$30,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00
1008.51	ALTERATIONS AND ADDITIONS AS NEEDED - MISC. LANDSCAPE TREATMENT	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00
1008.52	ALTERATIONS AND ADDITIONS AS NEEDED - DEWATERING	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1008.54	ALTERATIONS AND ADDITIONS AS NEEDED - LRS DISPOSAL	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Totals:					\$2,897,272.50		\$3,420,155.00		\$3,993,033.75
Alt. Totals:									
Totals:					\$2,897,272.50		\$3,420,155.00		\$3,993,033.75



PS&E Comparison

CHARLESTOWN

43565

X-A005(163)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.0101	CLEARING	A	.25	\$14,000.00	\$3,500.00	\$35,000.00	\$8,750.00	(\$5,250.00)
201.101	CLEARING AND GRUBBING	A	.20	\$31,000.00	\$6,200.00	\$20,000.00	\$4,000.00	\$2,200.00
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	825.00	\$4.10	\$3,382.50	\$5.00	\$4,125.00	(\$742.50)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	825.00	\$4.10	\$3,382.50	\$5.00	\$4,125.00	(\$742.50)
202.31	FILL ABANDONED PIPE	CY	9.00	\$589.00	\$5,301.00	\$400.00	\$3,600.00	\$1,701.00
202.7	REMOVAL OF GUARDRAIL	LF	985.00	\$2.30	\$2,265.50	\$4.00	\$3,940.00	(\$1,674.50)
203.1	COMMON EXCAVATION	CY	6,400.00	\$13.50	\$86,400.00	\$19.00	\$121,600.00	(\$35,200.00)
203.11	COMMON EXCAVATION - LRS	CY	550.00	\$7.10	\$3,905.00	\$20.00	\$11,000.00	(\$7,095.00)
203.2	ROCK EXCAVATION	CY	335.00	\$97.50	\$32,662.50	\$95.00	\$31,825.00	\$837.50
203.382	REHANDLING AND TRANSPORTING LRS	CY	250.00	\$22.00	\$5,500.00	\$10.00	\$2,500.00	\$3,000.00
203.5301	LOW PERMEABILITY FILL	CY	120.00	\$106.00	\$12,720.00	\$150.00	\$18,000.00	(\$5,280.00)
203.5562	EAGRT PLATFORM ALTERNATE	U	1.00	\$2,100.00	\$2,100.00	\$1,550.00	\$1,550.00	\$550.00
206.1	COMMON STRUCTURE EXCAVATION	CY	660.00	\$22.50	\$14,850.00	\$38.00	\$25,080.00	(\$10,230.00)
210.35	SOIL NAIL WALL INSTRUMENTATION AND MONITORING	U	1.00	\$109,000.00	\$109,000.00	\$125,000.00	\$125,000.00	(\$16,000.00)
211.121	DEFORMATION MONITORING SERVICES (CONTINUOUS)	U	1.00	\$102,000.00	\$102,000.00	\$200,000.00	\$200,000.00	(\$98,000.00)

PS&E Comparison

CHARLESTOWN

43565

X-A005(163)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
214.	FINE GRADING	U	1.00	\$3,800.00	\$3,800.00	\$6,000.00	\$6,000.00	(\$2,200.00)
223.3	SOIL NAIL FACING	SF	4,230.00	\$71.00	\$300,330.00	\$45.00	\$190,350.00	\$109,980.00
223.31	SOIL NAIL IN SOIL	LF	2,350.00	\$135.00	\$317,250.00	\$62.00	\$145,700.00	\$171,550.00
223.32	SOIL NAIL IN ROCK	LF	3,525.00	\$79.00	\$278,475.00	\$245.00	\$863,625.00	(\$585,150.00)
304.401	CRUSHED STONE (FINE GRADATION)	CY	1,050.00	\$37.50	\$39,375.00	\$65.00	\$68,250.00	(\$28,875.00)
403.11033	HBP-3/4" WINTER BINDER MIX, MACHINE METHOD	TON	700.00	\$107.00	\$74,900.00	\$150.00	\$105,000.00	(\$30,100.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	1,650.00	\$1.40	\$2,310.00	\$1.50	\$2,475.00	(\$165.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	70.00	\$17.00	\$1,190.00	\$21.00	\$1,470.00	(\$280.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	125.00	\$17.50	\$2,187.50	\$35.00	\$4,375.00	(\$2,187.50)
508.	STRUCTURAL FILL	CY	5,640.00	\$38.00	\$214,320.00	\$41.00	\$231,240.00	(\$16,920.00)
582.1	SLOPE PAVING WITH CONCRETE (F)	SY	3.00	\$474.00	\$1,422.00	\$75.00	\$225.00	\$1,197.00
585.2	STONE FILL, CLASS B	CY	600.00	\$60.50	\$36,300.00	\$50.00	\$30,000.00	\$6,300.00
585.3	STONE FILL, CLASS C	CY	450.00	\$58.50	\$26,325.00	\$55.00	\$24,750.00	\$1,575.00
585.33	GROUTED STONE FILL, CLASS C	CY	5.00	\$339.00	\$1,695.00	\$80.00	\$400.00	\$1,295.00
585.5	STONE FILL, CLASS E	CY	900.00	\$56.50	\$50,850.00	\$50.00	\$45,000.00	\$5,850.00
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	4,600.00	\$1.60	\$7,360.00	\$5.00	\$23,000.00	(\$15,640.00)
593.321	GEOTEXTILE; STABILIZATION CL.2, NON-WOVEN	SY	3,300.00	\$1.60	\$5,280.00	\$5.00	\$16,500.00	(\$11,220.00)

PS&E Comparison

CHARLESTOWN

43565

X-A005(163)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,300.00	\$1.60	\$2,080.00	\$4.00	\$5,200.00	(\$3,120.00)
595.3	PRIMARY GEOGRID	SY	7,500.00	\$2.40	\$18,000.00	\$6.00	\$45,000.00	(\$27,000.00)
595.4	SECONDARY GEOGRID	SY	1,500.00	\$2.20	\$3,300.00	\$4.00	\$6,000.00	(\$2,700.00)
603.00218	18" R.C. PIPE, 2000D	LF	215.00	\$125.00	\$26,875.00	\$90.00	\$19,350.00	\$7,525.00
603.34124	24" STEEL END SECTIONS	EA	4.00	\$815.00	\$3,260.00	\$500.00	\$2,000.00	\$1,260.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$5,600.00	\$5,600.00	\$3,000.00	\$3,000.00	\$2,600.00
604.2912	SPECIAL DROP INLET, DOUBLE GRATE	U	3.00	\$5,700.00	\$17,100.00	\$5,500.00	\$16,500.00	\$600.00
605.5068	6" PERF. CORR. POLYETHYLENE PIPE UNDERDRAIN - SPECIAL	LF	330.00	\$21.00	\$6,930.00	\$25.00	\$8,250.00	(\$1,320.00)
605.82452	36" AGGREGATE UNDERDRAIN TYPE 2, WITH 12" PERF. CORR. POLYETHYLENE PIPE	LF	410.00	\$59.00	\$24,190.00	\$44.00	\$18,040.00	\$6,150.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	1.00	\$4,800.00	\$4,800.00	\$3,400.00	\$3,400.00	\$1,400.00
606.18011	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (8' STEEL POST)	LF	950.00	\$35.50	\$33,725.00	\$38.00	\$36,100.00	(\$2,375.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00
618.7	FLAGGERS	HR	300.00	\$44.00	\$13,200.00	\$37.25	\$11,175.00	\$2,025.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,200.00	\$5,200.00	\$10,000.00	\$10,000.00	(\$4,800.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$4,500.00	\$18,000.00	\$3,600.00	\$14,400.00	\$3,600.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	10.00	\$6.80	\$68.00	\$8.00	\$80.00	(\$12.00)

PS&E Comparison

CHARLESTOWN
 43565
 X-A005(163)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
628.1	SAWED CONCRETE PAVEMENT	LF	50.00	\$4.90	\$245.00	\$15.00	\$750.00	(\$505.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	7,875.00	\$1.00	\$7,875.00	\$0.60	\$4,725.00	\$3,150.00
645.3	EROSION STONE	TON	735.00	\$33.00	\$24,255.00	\$30.00	\$22,050.00	\$2,205.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	5,600.00	\$2.30	\$12,880.00	\$3.00	\$16,800.00	(\$3,920.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	800.00	\$5.10	\$4,080.00	\$6.00	\$4,800.00	(\$720.00)
645.52	RYEGRASS FOR TEMPORARY EROSION CONTROL	LB	50.00	\$3.40	\$170.00	\$5.00	\$250.00	(\$80.00)
645.531	SILT FENCE	LF	5,250.00	\$2.10	\$11,025.00	\$3.00	\$15,750.00	(\$4,725.00)
645.611	BONDED FIBER MATRIX (BFM)	LB	3,500.00	\$1.40	\$4,900.00	\$2.50	\$8,750.00	(\$3,850.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,200.00	\$3,200.00	\$4,500.00	\$4,500.00	(\$1,300.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	60.00	\$135.00	\$8,100.00	\$86.00	\$5,160.00	\$2,940.00
645.8205	EROSION CONTROL - PUMP (500 GAL/MIN DISCHARGE CAPACITY)	U	1.00	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00	(\$17,500.00)
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	5,650.00	\$0.51	\$2,881.50	\$2.00	\$11,300.00	(\$8,418.50)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	5,650.00	\$0.59	\$3,333.50	\$1.75	\$9,887.50	(\$6,554.00)
647.1	HUMUS	CY	400.00	\$75.50	\$30,200.00	\$30.00	\$12,000.00	\$18,200.00
692.	MOBILIZATION	U	1.00	\$453,000.00	\$453,000.00	\$114,600.00	\$114,600.00	\$338,400.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$789.00	\$789.00	\$2,000.00	\$2,000.00	(\$1,211.00)



PS&E Comparison

CHARLESTOWN
43565
X-A005(163)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	(\$2,000.00)
698.12	FIELD OFFICE TYPE B	MON	6.00	\$3,700.00	\$22,200.00	\$2,000.00	\$12,000.00	\$10,200.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
1008.51	ALTERATIONS AND ADDITIONS AS NEEDED - MISC. LANDSCAPE TREATMENT	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$0.00
1008.52	ALTERATIONS AND ADDITIONS AS NEEDED - DEWATERING	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1008.54	ALTERATIONS AND ADDITIONS AS NEEDED - LRS DISPOSAL	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
Total:					\$2,638,500.50	\$2,897,272.50		(\$258,772.00)

August 25, 2021

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: The project involves stabilization of a failed roadway embankment along NH Route 12, resulting from the August 1st-2nd storm event, located approximately 0.7 miles north of the intersection of NH 12/Bowen Crossing Road in Charlestown. This segment of roadway is constrained by the 100-floodplain of the Connecticut River on the west, and the New England Central Railroad (NECR) on the east.

FEDERAL FUNDING: 80% Federal Funding with 20% Non-Participating State Funds

CONTINGENCY: The proposed contingency amount is 10% of the contract amount. The risk of overruns associated with the proposed work is high due to the instability of the existing ground, uncertainty and potential inconsistency of the soil and groundwater conditions, final limits of repair area, and continued changing field conditions.

PROJECT INITIATED: This project was initiated as an emergency response to a slope failure and roadway closure as a result of extensive rains between July 30, 2021 and August 2, 2021, with a full roadway closure implemented on August 2, 2021.

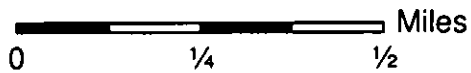
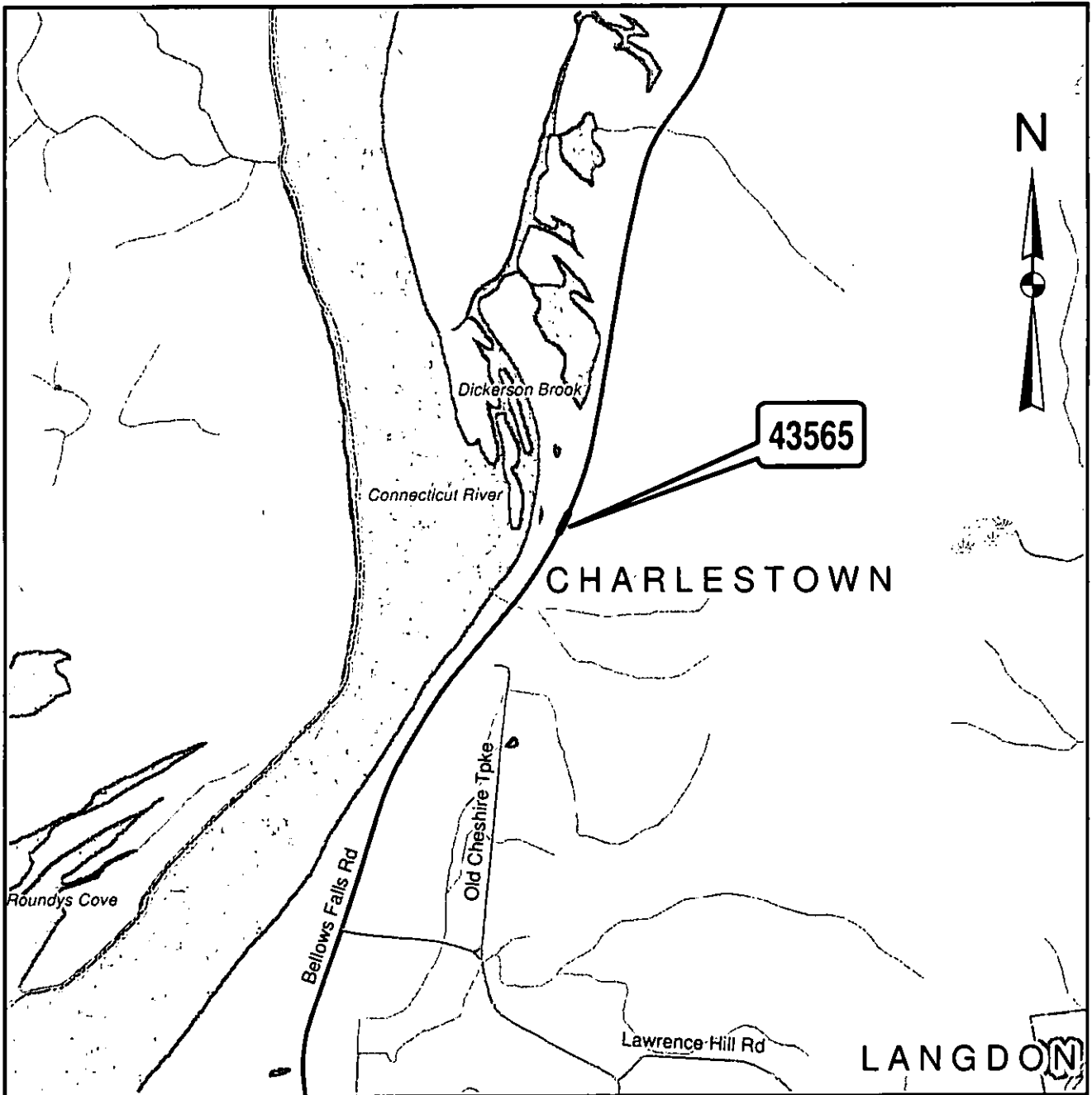
PROJECT EXPLANATION: The intent of this project is to repair the roadway embankment and reconstruct the road to reopen NH Route 12 to traffic. A slope failure along the western roadway embankment occurred as a result of significant rainfall, which inundated the existing drainage system, saturated the roadway embankment soils, created major roadway settlement and destabilized the slope.

Work includes clearing vegetation, construction of 400' of soil nail wall slope stabilization with associated drainage, construction of 320' of reinforced soil slope stabilization, removal of approximately 700' of existing concrete roadway, and full box reconstruction. Ancillary work includes construction of underdrain and ditchline improvements as well as landscape installation, and guardrail replacement.

TRAFFIC IMPLICATION: NH Route 12 will remain closed until construction activities are completed, resulting in a twenty mile detour.

FINAL COMPLETION DATE: April 29, 2022

CHARLESTOWN - NH 12

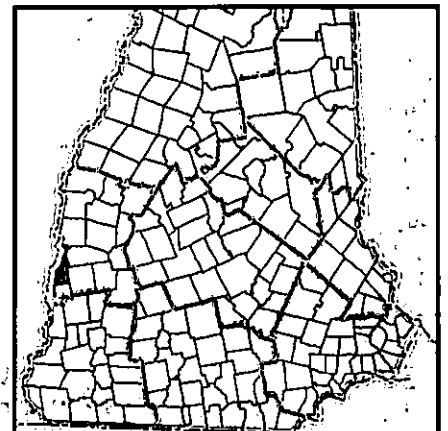


LEGEND

- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

New Hampshire
DOT
Department of Transportation

State #: 43565
Federal #: X-A005 (163)
LOCATION MAP



Certificate of Authority #1

(Corporation, Non-Profit Corporation)

Corporate Resolution

I, John W Casella II, hereby certify that I am duly elected Clerk/Secretary/Officer of
(Name)
Casella Construction, Inc. I hereby certify the following is a true copy of a vote taken at
a meeting of the Board of Directors/shareholders, duly called and held on April 1, 2016,
at which a quorum of the Directors/shareholders were present and voting.

VOTED: That Joseph A Casella President (may list more than one person) is
(Name and Title)

duly authorized to enter into contracts or agreements on behalf of

Casella Construction Inc with the State of New Hampshire and any of
(Name of Corporation)

its agencies or departments and further is authorized to execute any documents
which may in his/her judgment be desirable or necessary to effect the purpose of
this vote.

I hereby certify that said vote has not been amended or repealed and remains in full force
and effect as of the date of the contract to which this certificate is attached. This authority
remains valid for **thirty (30)** days from the date of this Corporate Resolution. I further certify
that it is understood that the State of New Hampshire will rely on this certificate as evidence that
the persoc(s) listed above currently occupy the position(s) indicated and that they have full
authority to bind the corporation. To the extent that there are any limits on the authority of any
listed individual to bind the corporation in contracts with the State of New Hampshire, all such
limitations are expressly stated herein.

DATED: 11/23/21

ATTEST: J - W Casella II President
(Name & Title)

State of New Hampshire

Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that CASELLA CONSTRUCTION, INC. is a Vermont Profit Corporation registered to transact business in New Hampshire on February 07, 2017. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 764232

Certificate Number: 0005476207



IN TESTIMONY WHEREOF,
I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 6th day of December A.D. 2021.

A handwritten signature in black ink, appearing to read "William M. Gardner".

William M. Gardner
Secretary of State



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/08/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Noyle W Johnson Insurance 119 River Street P.O. Box 279 Montpelier VT 05601-0279		CONTACT NAME: Stacie Peyrat, CISR, CPIW PHONE (A/C, No, Ext): (802) 223-8070 FAX (A/C, No): (802) 223-9849 E-MAIL ADDRESS: speyrat@nwjinsurance.com	
INSURED Casella Construction, Inc. 25 Industrial Lane Mendon VT 05701		INSURER(S) AFFORDING COVERAGE INSURER A: Cincinnati Insurance Company NAIC # 10677 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 21-22 GL/AUTO/WC/UMB **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL	SUBR	INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> \$10,000 BI/PD Ded. GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	Y	Y	EPP0580838	07/01/2021	07/01/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> 5k Liab Ded	Y	Y	Y	Y	EBA0494641	07/01/2021	07/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Trailer Interchange \$ 50,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	Y	Y	Y	Y	EPP0580838	07/01/2021	07/01/2022	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	Y	Y	EWC0497878	07/01/2021	07/01/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project Name/Number: Charlestown X-A005(163) 43565

The State of New Hampshire, Department of Transportation, New England Central Railroad, Inc., CV Properties, and their affiliates are included as an Additional Insureds with respect to General Liability, Auto Liability and Umbrella Liability, when required by written contract or agreement. Also when required by written contract or agreement, a waiver of subrogation applies with respect to General Liability, Auto Liability, Umbrella Liability, and Workers' Compensation.

CERTIFICATE HOLDER The State of New Hampshire Department of Transportation P.O. Box 483 Concord NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/07/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER Noyle W Johnson Insurance 119 River Street P.O. Box 279 Montpelier VT 05601-0279	CONTACT NAME: Stacie Peyrat, CISR, CPIW	
	PHONE (A/C, No., Ext): (802) 223-8070 FAX (A/C, No.): (802) 223-9649 E-MAIL ADDRESS: speyrat@nwjinsurance.com	
INSURED New England Central Railroad, Inc. CV Properties and their affiliates c/o 25 Industrial Lane Mendon VT 05701	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Travelers	31194
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES CERTIFICATE NUMBER: 21-22 RRP REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	RAILROAD PROTECTIVE LIABILITY		SPS-5R878988-IND	11/29/2021	11/29/2022	EACH OCCURRENCE \$2,000,000 AGGREGATE \$6,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project Name/Number: Charlestown X-A005(163) 43565

CERTIFICATE HOLDER New England Central Railroad, Inc., CV Properties, and their affiliates 2 Federal Street Suite 201 St. Albans VT 05478	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Stacie A. Peyrat</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/03/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER Noyle W Johnson Insurance 119 River Street P.O. Box 279 Montpelier VT 05601-0279	CONTACT NAME: Stacie Peyrat, CISR, CPIW PHONE (A/C, No, Ext): (802) 223-8070 FAX (A/C, No): (802) 223-8649 E-MAIL ADDRESS: speyrat@nwjinsurance.com																				
	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A:</td> <td>The Cincinnati Insurance Company</td> <td>10877</td> </tr> <tr> <td>INSURER B:</td> <td></td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	The Cincinnati Insurance Company	10877	INSURER B:			INSURER C:			INSURER D:			INSURER E:			INSURER F:	
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INSURER D:																					
INSURER E:																					
INSURER F:																					
INSURED State of New Hampshire Department of Transportation P.O. Box 483 Concord NH 03302-0483																					

COVERAGES **CERTIFICATE NUMBER:** 21-22 OCP **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	OWNER'S / CONTRACTORS PROTECTIVE LIABILITY			ENP0837070	11/30/2021	11/30/2022	EACH OCCURRENCE \$2,000,000 AGGREGATE \$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project Name/Number: Charlestown X-A005(163) 43585

CERTIFICATE HOLDER The State of New Hampshire Department of Transportation P.O. Box 483 Concord NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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