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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

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
November 5, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with J Hutchins Inc. (Vendor 285855) of Richmond, VT on the basis of a low bid of \$1,807,706.50 for 7.4 miles of pavement resurfacing in Colebrook and Stewartstown, from the date of Governor and Council approval through August 28, 2020, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in Fiscal Year 2020 and Fiscal Year 2021, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$1,511,900.00	\$295,806.50

2. Further authorize that a contingency in the amount of \$90,385.33 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:	<u>FY 2020</u>	<u>FY 2021</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments		\$90,385.33

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Paving-Tier 2-Resurfacing Program and involves 7.4 miles of pavement resurfacing on NH 26 in Colebrook and US Route 3 in Colebrook and Stewartstown.

- 18117 – Colebrook, NH 26, 3” cold planing, 2” full width high strength inlay, 0.6 miles
- 19131 – Colebrook/Stewartstown, US 3, 3/4” full width paver shim (3.9 mi), 2” full width high strength inlay (0.3 mi), 4.2 miles
- 19136 – Colebrook, NH 26, 2” full width high strength inlay, 0.2 miles
- 19137 – Colebrook, US 3, 3/4” full width paver shim, 1.7 miles
- 21101 – Stewartstown, US 3, 2” full width high strength inlay (0.3 mi) 3/4” full width paver shim (0.4 mi), 0.7 miles.

Page 2

The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future.

The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2019-2020 winter and asphalt prices are currently in escalation.

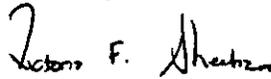
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 (Paving-Tier 2-Resurface) utilizing Turnpike Toll Credits as 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: \$1,979,312.65

Contract Amount: \$1,807,706.50

Over Estimate: \$ 171,606.15

Attachments



ABC Bid Data

STATEWIDE TIER 2 (N) RESURFACING

42291

X-A004(806)

PROJECT:	STATEWIDE TIER 2 (N) RESURFACING	Awarded To:	J HUTCHINS INC
STATE PROJECT NUMBER:	42291		88 ROGERS LANE
FED. PROJECT NUMBER:	X-A004(806)		RICHMOND, VT 05477
DATE BIDS OPEN:	October 24, 2019, 2:00	Amount:	\$1,807,706.50
SCOPE OF WORK:	Resurfacing of various Tier 2 roadways in the Northern region for Maintenance & Preservation	Certified by:	<u>PETER E. STAMNAS</u> Director of Project Development
COMPLETION DATE:	August 28, 2020	Award Date:	
LOCATION:			

Summary of Bidders

Contractor

	Bid Amount	Rank
J HUTCHINS INC 88 ROGERS LANE RICHMOND VT 05477	\$1,807,706.50	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$2,019,272.50	B
GMI ASPHALT LLC 288 LACONIA ROAD BELMONT NH 03220	\$2,151,524.00	C

Item No.	Description	Unit	Quantity	PS&E		J HUTCHINS INC 88 ROGERS LANE RICHMOND, VT 05477		P&C INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	9,910.00	\$2.00	\$19,820.00	\$1.25	\$12,387.50	\$1.25	\$12,387.50
203.1	COMMON EXCAVATION	CY	33.00	\$50.00	\$1,650.00	\$75.00	\$2,475.00	\$80.00	\$2,640.00
203.5562	EAGRT PLATFORM ALTERNATE	U	31.00	\$1,300.00	\$40,300.00	\$1,000.00	\$31,000.00	\$1,800.00	\$55,800.00
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$1,250.00	\$2,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	64.00	\$26.85	\$1,718.40	\$110.00	\$7,040.00	\$325.00	\$20,800.00
304.301	CRUSHED GRAVEL	CY	68.00	\$55.00	\$3,190.00	\$125.00	\$7,250.00	\$45.00	\$2,810.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,255.00	\$30.00	\$37,650.00	\$18.00	\$22,590.00	\$30.00	\$37,650.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	3,660.00	\$120.00	\$439,200.00	\$83.25	\$304,695.00	\$80.00	\$292,800.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	65.00	\$150.00	\$8,250.00	\$275.00	\$15,125.00	\$225.00	\$12,375.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,660.00	\$1.80	\$6,588.00	\$1.50	\$5,490.00	\$1.50	\$5,490.00
403.6	PAVEMENT JOINT ADHESIVE	LF	30,600.00	\$0.25	\$7,650.00	\$0.10	\$3,060.00	\$0.25	\$7,650.00
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	320.00	\$1.50	\$480.00	\$0.10	\$32.00	\$5.00	\$1,600.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,260.00	\$4.00	\$41,040.00	\$1.75	\$17,955.00	\$3.00	\$30,780.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	6,220.00	\$70.00	\$435,400.00	\$87.85	\$546,427.00	\$90.00	\$559,800.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	33,370.00	\$3.00	\$100,110.00	\$2.50	\$83,425.00	\$2.60	\$86,762.00
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	176.00	\$10.00	\$1,760.00	\$5.00	\$875.00	\$7.00	\$1,225.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	78.00	\$120.00	\$9,360.00	\$82.00	\$7,176.00	\$110.00	\$8,580.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	85.00	\$130.00	\$11,050.00	\$122.00	\$10,370.00	\$135.00	\$11,475.00
585.3	STONE FILL, CLASS C	CY	10.00	\$58.00	\$580.00	\$210.00	\$2,100.00	\$180.00	\$1,800.00
593.421	GEOTEXTILE; PERM CONTROL CL2, NON-WOVEN	SY	10.00	\$4.50	\$45.00	\$5.75	\$57.50	\$65.00	\$650.00
604.0007	POLYETHYLENE LINER	EA	67.00	\$175.00	\$9,975.00	\$140.00	\$7,960.00	\$130.00	\$7,410.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	17.00	\$475.00	\$8,075.00	\$450.00	\$7,650.00	\$850.00	\$14,450.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	6.00	\$425.00	\$2,125.00	\$450.00	\$2,250.00	\$850.00	\$4,250.00
604.72	GRATES & FRAMES, TYPE B	EA	40.00	\$550.00	\$22,000.00	\$575.00	\$23,000.00	\$815.00	\$32,800.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	44.00	\$50.00	\$2,200.00	\$80.00	\$2,640.00	\$80.00	\$2,640.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	44.00	\$10.00	\$440.00	\$15.00	\$660.00	\$15.00	\$660.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	25.00	\$2,200.00	\$55,000.00	\$2,800.00	\$65,000.00	\$2,800.00	\$65,000.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	6.00	\$2,200.00	\$13,200.00	\$2,400.00	\$14,400.00	\$2,400.00	\$14,400.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$2,000.00	\$4,000.00	\$2,400.00	\$4,800.00	\$2,400.00	\$4,800.00

Item No.	Description	Unit	Quantity	P&E		J HUTCHINS INC 88 ROGERS LANE RICHMOND, VT 05477		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,050.00	\$20.00	\$181,000.00	\$19.50	\$158,975.00	\$20.00	\$161,000.00
608.2401	4" CONCRETE SIDEWALK	SY	220.00	\$50.00	\$11,000.00	\$65.00	\$14,300.00	\$57.00	\$12,540.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	27.00	\$425.00	\$11,475.00	\$315.00	\$8,505.00	\$450.00	\$12,150.00
609.01	STRAIGHT GRANITE CURB	LF	140.00	\$50.00	\$7,000.00	\$80.00	\$11,200.00	\$75.00	\$10,500.00
609.5	RESET GRANITE CURB	LF	255.00	\$30.00	\$7,650.00	\$65.00	\$16,575.00	\$35.00	\$8,925.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,000.00	\$5.00	\$10,000.00	\$9.65	\$19,300.00	\$7.00	\$14,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00
618.7	FLAGGERS	HR	500.00	\$33.50	\$16,750.00	\$45.00	\$22,500.00	\$45.00	\$22,500.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00	\$55,000.00	\$55,000.00	\$124,000.00	\$124,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,000.00	\$20,000.00	\$1,500.00	\$6,000.00	\$2,500.00	\$10,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	122.00	\$5.00	\$610.00	\$5.00	\$610.00	\$5.00	\$610.00
621.31	SINGLE DELINEATOR WITH POST	EA	87.00	\$40.00	\$3,480.00	\$44.00	\$3,828.00	\$50.00	\$4,350.00
621.32	DOUBLE DELINEATOR WITH POST	EA	20.00	\$45.00	\$900.00	\$48.00	\$960.00	\$55.00	\$1,100.00
628.1	SAWED CONCRETE PAVEMENT	LF	5.00	\$10.00	\$50.00	\$5.00	\$25.00	\$10.00	\$50.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,920.00	\$2.00	\$3,840.00	\$2.60	\$4,992.00	\$5.00	\$9,600.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	316,000.00	\$0.15	\$47,400.00	\$0.24	\$75,840.00	\$0.24	\$75,840.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	125.00	\$4.00	\$500.00	\$5.75	\$718.75	\$0.80	\$100.00
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	85.00	\$15.00	\$1,275.00	\$18.15	\$1,542.75	\$3.80	\$323.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	125.00	\$1.00	\$125.00	\$3.00	\$375.00	\$3.00	\$375.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	195.00	\$1.25	\$243.75	\$4.00	\$780.00	\$4.00	\$780.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	230.00	\$2.50	\$575.00	\$6.00	\$1,380.00	\$6.00	\$1,380.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	85.00	\$5.00	\$425.00	\$9.00	\$765.00	\$9.00	\$765.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	105.00	\$8.50	\$892.50	\$10.00	\$1,050.00	\$10.00	\$1,050.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$2.75	\$1,375.00	\$13.65	\$6,825.00	\$13.00	\$6,500.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$350.00	\$350.00	\$250.00	\$250.00
692.	MOBILIZATION	U	1.00	\$198,250.00	\$198,250.00	\$98,000.00	\$98,000.00	\$150,000.00	\$150,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00
1010.16	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00

Item No.	Description	Unit	Quantity	P&E		J HUTCHINS INC 88 ROGERS LANE RICHMOND, VT 05477		PIKE INDUSTRIES, INC. 1 EASTGATE PARK ROAD BELMONT, NH 03228	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
Totals:					\$1,979,312.68		\$1,807,706.50		\$2,019,272.50
Alt. Totals:									
Totals:					\$1,979,312.68		\$1,807,706.50		\$2,019,272.50

Item No.	Description	Unit	Quantity	P&E		OMI ASPHALT LLC 228 LACONIA ROAD BELMONT, NH 03229		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	9,910.00	\$2.00	\$19,820.00	\$3.80	\$35,676.00		
203.1	COMMON EXCAVATION	CY	33.00	\$50.00	\$1,650.00	\$24.00	\$792.00		
203.5562	EAGRT PLATFORM ALTERNATE	U	31.00	\$1,300.00	\$40,300.00	\$1,320.00	\$40,920.00		
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,200.00	\$2,400.00	\$1,320.00	\$2,640.00		
208.1	COMMON STRUCTURE EXCAVATION	CY	64.00	\$26.85	\$1,718.40	\$415.00	\$26,560.00		
304.301	CRUSHED GRAVEL	CY	58.00	\$55.00	\$3,190.00	\$52.00	\$3,016.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,255.00	\$30.00	\$37,650.00	\$25.00	\$31,375.00		
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	3,660.00	\$120.00	\$439,200.00	\$100.00	\$366,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	55.00	\$150.00	\$8,250.00	\$150.00	\$8,250.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,660.00	\$1.80	\$6,588.00	\$6.00	\$21,960.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	30,600.00	\$0.25	\$7,650.00	\$0.30	\$9,180.00		
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	320.00	\$1.50	\$480.00	\$2.00	\$640.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,260.00	\$4.00	\$41,040.00	\$4.00	\$41,040.00		
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVEMENT SHIM	TON	6,220.00	\$70.00	\$435,400.00	\$84.00	\$584,880.00		
417.	COLD PLANING BITUMINOUS SURFACES	SY	33,370.00	\$3.00	\$100,110.00	\$2.50	\$83,425.00		
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	175.00	\$10.00	\$1,750.00	\$20.00	\$3,500.00		
659.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	78.00	\$120.00	\$9,360.00	\$95.00	\$7,410.00		
659.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	85.00	\$130.00	\$11,050.00	\$140.00	\$11,900.00		
685.3	STONE FILL, CLASS C	CY	10.00	\$58.00	\$580.00	\$90.00	\$900.00		
693.421	GEOTEXTILE; PERM CONTROL CL2, NON-WOVEN	SY	10.00	\$4.50	\$45.00	\$58.00	\$580.00		
604.0007	POLYETHYLENE LINER	EA	67.00	\$175.00	\$9,975.00	\$140.00	\$7,980.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	17.00	\$475.00	\$8,075.00	\$1,000.00	\$17,000.00		
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	5.00	\$425.00	\$2,125.00	\$1,000.00	\$5,000.00		
604.72	GRATES & FRAMES, TYPE B	EA	40.00	\$550.00	\$22,000.00	\$950.00	\$38,000.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	44.00	\$50.00	\$2,200.00	\$98.00	\$4,312.00		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	44.00	\$10.00	\$440.00	\$23.00	\$1,012.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	25.00	\$2,200.00	\$55,000.00	\$3,400.00	\$85,000.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	6.00	\$2,200.00	\$13,200.00	\$3,500.00	\$21,000.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25') (STEEL POST)	U	2.00	\$2,000.00	\$4,000.00	\$3,300.00	\$6,600.00		

Item No.	Description	Unit	Quantity	P&A		GIB ASPHALT LLC 286 LACONIA ROAD BELMONT, NH 03229		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,050.00	\$20.00	\$161,000.00	\$24.00	\$193,200.00		
608.2401	4" CONCRETE SIDEWALK	SY	220.00	\$50.00	\$11,000.00	\$69.00	\$15,180.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	27.00	\$425.00	\$11,475.00	\$475.00	\$12,825.00		
609.01	STRAIGHT GRANITE CURB	LF	140.00	\$50.00	\$7,000.00	\$95.00	\$13,300.00		
609.5	RESET GRANITE CURB	LF	255.00	\$30.00	\$7,650.00	\$45.00	\$11,475.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,000.00	\$5.00	\$10,000.00	\$9.00	\$18,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00		
618.7	FLAGGERS	HR	500.00	\$33.50	\$16,750.00	\$40.00	\$20,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$100,000.00	\$100,000.00	\$56,000.00	\$56,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$5,000.00	\$20,000.00	\$3,500.00	\$14,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	122.00	\$5.00	\$610.00	\$6.00	\$732.00		
621.31	SINGLE DELINEATOR WITH POST	EA	87.00	\$40.00	\$3,480.00	\$55.00	\$4,785.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	20.00	\$45.00	\$900.00	\$65.00	\$1,300.00		
628.1	SAWED CONCRETE PAVEMENT	LF	5.00	\$10.00	\$50.00	\$11.00	\$55.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,820.00	\$2.00	\$3,640.00	\$5.50	\$10,560.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	316,000.00	\$0.15	\$47,400.00	\$0.25	\$79,000.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	125.00	\$4.00	\$500.00	\$2.40	\$300.00		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	85.00	\$15.00	\$1,275.00	\$5.50	\$467.50		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	125.00	\$1.00	\$125.00	\$4.00	\$500.00		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	195.00	\$1.25	\$243.75	\$4.70	\$916.50		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	230.00	\$2.50	\$575.00	\$7.00	\$1,610.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	85.00	\$5.00	\$425.00	\$11.00	\$935.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	105.00	\$8.50	\$892.50	\$12.00	\$1,260.00		
648.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$2.75	\$1,375.00	\$9.00	\$4,500.00		
670.886	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$250.00	\$250.00	\$275.00	\$275.00		
692.	MOBILIZATION	U	1.00	\$198,250.00	\$198,250.00	\$135,000.00	\$135,000.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00		
1010.16	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		

Item No.	Description	Unit	Quantity	P&E		GMB ASPHALT LLC 288 LACOMA ROAD BELMONT, NH 03228			
				Unit Price	Total	Unit Price	Total	Unit Price	Total
				Totals:	\$1,979,312.65		\$2,151,624.00		
				Alt. Totals:					
				Totals:	\$1,979,312.65		\$2,151,624.00		



PS&E Comparison

STATEWIDE TIER 2 (N) RESURFACING

42291

X-A004(806)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
202.7	REMOVAL OF GUARDRAIL	LF	9,910.00	\$1.25	\$12,387.50	\$2.00	\$19,820.00	(\$7,432.50)
203.1	COMMON EXCAVATION	CY	33.00	\$75.00	\$2,475.00	\$50.00	\$1,650.00	\$825.00
203.5562	EAGRT PLATFORM ALTERNATE	U	31.00	\$1,000.00	\$31,000.00	\$1,300.00	\$40,300.00	(\$9,300.00)
203.5572	EAGRT PLATFORM ALTERNATE, TL 2 - 25'	U	2.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$0.00
206.1	COMMON STRUCTURE EXCAVATION	CY	64.00	\$110.00	\$7,040.00	\$26.85	\$1,718.40	\$5,321.60
304.301	CRUSHED GRAVEL	CY	58.00	\$125.00	\$7,250.00	\$55.00	\$3,190.00	\$4,060.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,255.00	\$18.00	\$22,590.00	\$30.00	\$37,650.00	(\$15,060.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	3,660.00	\$83.25	\$304,695.00	\$120.00	\$439,200.00	(\$134,505.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	55.00	\$275.00	\$15,125.00	\$150.00	\$8,250.00	\$6,875.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	3,660.00	\$1.50	\$5,490.00	\$1.80	\$6,588.00	(\$1,098.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	30,600.00	\$0.10	\$3,060.00	\$0.25	\$7,650.00	(\$4,590.00)
403.61	PAVEMENT JOINT ADHESIVE (BRIDGE BASE)	LF	320.00	\$0.10	\$32.00	\$1.50	\$480.00	(\$448.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,260.00	\$1.75	\$17,955.00	\$4.00	\$41,040.00	(\$23,085.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	6,220.00	\$87.85	\$546,427.00	\$70.00	\$435,400.00	\$111,027.00

417.	COLD PLANING BITUMINOUS SURFACES	SY	33,370.00	\$2.50	\$83,425.00	\$3.00	\$100,110.00	(\$16,685.00)
417.1181	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 1" DEEP	LF	175.00	\$5.00	\$875.00	\$10.00	\$1,750.00	(\$875.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	78.00	\$92.00	\$7,176.00	\$120.00	\$9,360.00	(\$2,184.00)
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	85.00	\$122.00	\$10,370.00	\$130.00	\$11,050.00	(\$680.00)
585.3	STONE FILL, CLASS C	CY	10.00	\$210.00	\$2,100.00	\$58.00	\$580.00	\$1,520.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	10.00	\$5.75	\$57.50	\$4.50	\$45.00	\$12.50
604.0007	POLYETHYLENE LINER	EA	57.00	\$140.00	\$7,980.00	\$175.00	\$9,975.00	(\$1,995.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	17.00	\$450.00	\$7,650.00	\$475.00	\$8,075.00	(\$425.00)
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	5.00	\$450.00	\$2,250.00	\$425.00	\$2,125.00	\$125.00
604.72	GRATES & FRAMES, TYPE B	EA	40.00	\$575.00	\$23,000.00	\$550.00	\$22,000.00	\$1,000.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	44.00	\$60.00	\$2,640.00	\$50.00	\$2,200.00	\$440.00
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	44.00	\$15.00	\$660.00	\$10.00	\$440.00	\$220.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	25.00	\$2,600.00	\$65,000.00	\$2,200.00	\$55,000.00	\$10,000.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	6.00	\$2,400.00	\$14,400.00	\$2,200.00	\$13,200.00	\$1,200.00
606.12551	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2 - 25) (STEEL POST)	U	2.00	\$2,400.00	\$4,800.00	\$2,000.00	\$4,000.00	\$800.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	8,050.00	\$19.50	\$156,975.00	\$20.00	\$161,000.00	(\$4,025.00)
608.2401	4" CONCRETE SIDEWALK	SY	220.00	\$65.00	\$14,300.00	\$50.00	\$11,000.00	\$3,300.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	27.00	\$315.00	\$8,505.00	\$425.00	\$11,475.00	(\$2,970.00)
609.01	STRAIGHT GRANITE CURB	LF	140.00	\$80.00	\$11,200.00	\$50.00	\$7,000.00	\$4,200.00
609.5	RESET GRANITE CURB	LF	255.00	\$65.00	\$16,575.00	\$30.00	\$7,650.00	\$8,925.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	2,000.00	\$9.65	\$19,300.00	\$5.00	\$10,000.00	\$9,300.00

618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	24,000.00	\$1.00	\$24,000.00	\$1.00	\$24,000.00	\$0.00
618.7	FLAGGERS	HR	500.00	\$45.00	\$22,500.00	\$33.50	\$16,750.00	\$5,750.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$55,000.00	\$55,000.00	\$100,000.00	\$100,000.00	(\$45,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$1,500.00	\$6,000.00	\$5,000.00	\$20,000.00	(\$14,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	122.00	\$5.00	\$610.00	\$5.00	\$610.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	87.00	\$44.00	\$3,828.00	\$40.00	\$3,480.00	\$348.00
621.32	DOUBLE DELINEATOR WITH POST	EA	20.00	\$48.00	\$960.00	\$45.00	\$900.00	\$60.00
628.1	SAWED CONCRETE PAVEMENT	LF	5.00	\$5.00	\$25.00	\$10.00	\$50.00	(\$25.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	1,920.00	\$2.60	\$4,992.00	\$2.00	\$3,840.00	\$1,152.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	316,000.00	\$0.24	\$75,840.00	\$0.15	\$47,400.00	\$28,440.00
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	125.00	\$5.75	\$718.75	\$4.00	\$500.00	\$218.75
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	85.00	\$18.15	\$1,542.75	\$15.00	\$1,275.00	\$267.75
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	125.00	\$3.00	\$375.00	\$1.00	\$125.00	\$250.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	195.00	\$4.00	\$780.00	\$1.25	\$243.75	\$536.25
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	230.00	\$6.00	\$1,380.00	\$2.50	\$575.00	\$805.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	85.00	\$9.00	\$765.00	\$5.00	\$425.00	\$340.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	105.00	\$10.00	\$1,050.00	\$8.50	\$892.50	\$157.50
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	500.00	\$13.65	\$6,825.00	\$2.75	\$1,375.00	\$5,450.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	1.00	\$350.00	\$350.00	\$250.00	\$250.00	\$100.00
692.	MOBILIZATION	U	1.00	\$98,000.00	\$98,000.00	\$198,250.00	\$198,250.00	(\$100,250.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00

1006.23	SPECIAL WORK - EXTRACTED AND RECOVERED ASPHALT BINDER TESTING	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	12,000.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00

Total: \$1,807,706.50 \$1,979,312.65 (\$171,606.15)

STATEWIDE TIER 2 (N) RESURFACING

X-A004(806)

42291

August 27, 2019

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project is part of the Tier 2 Federal Resurfacing program and involves 7.4 miles of pavement resurfacing on NH 26 in Colebrook and US Route 3 in Colebrook and Stewartstown.

Section ID	Town/City	Road	Proposed Work	Length
18117	Colebrook	NH 26	3" cold planing, 2" full width high strength inlay	0.6 miles
19131	Colebrook/Stewartstown	US 3	¾" full width paver shim (3.9 mi), 2" full width high strength inlay (0.3 mi)	4.2 miles
19136	Colebrook	NH 26	2" full width high strength inlay	0.2 miles
19137	Colebrook	US 3	¾" full width paver shim	1.7 miles
21101	Stewartstown	US 3	2" full width high strength inlay (0.3 mi) ¾" full width paver shim (0.4 mi)	0.7 miles

Additional work involves bridge plug joint repair, drainage improvements, guardrail rehabilitation, curb ramp reconstruction, and the removal of an inactive railroad crossing.

FEDERAL FUNDING: Pave-T2-Resurf (80%), Turnpike Toll Credit (20%)

CONTINGENCY: The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2019-2020 winter and asphalt prices are currently in escalation.

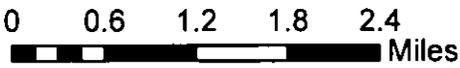
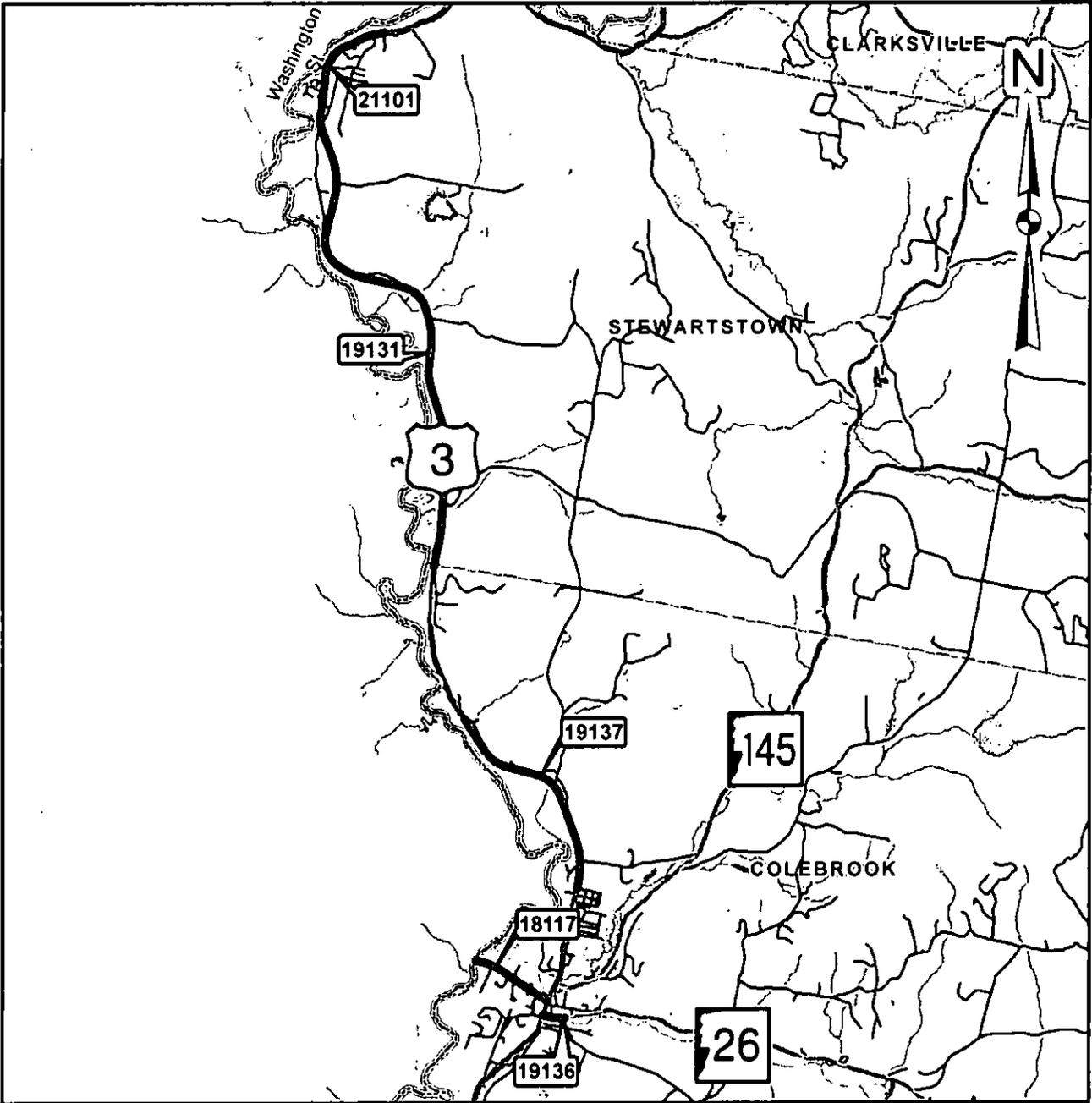
PROJECT INITIATED: This project was initiated through the State's Ten-Year Transportation Improvement Program, Paving-Tier-2-Resurfacing.

PROJECT EXPLANATION: The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future.

TRAFFIC IMPLICATION: Daytime lane and shoulder closures as well as one lane, alternating two-way traffic will be implemented in all sections. No night work is required for this project.

FINAL COMPLETION DATE: August 28, 2020.

STATEWIDE TIER 2 (N) - 42291



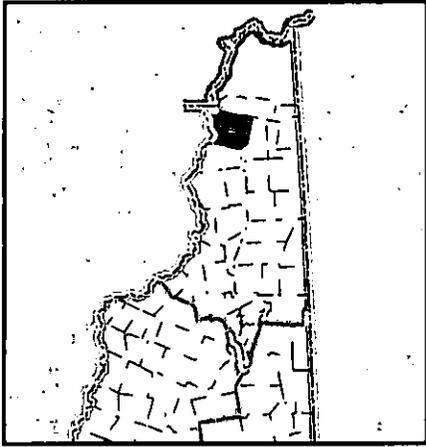
LEGEND

- 42291
- US Routes
- State Routes
- Unnumbered Routes
- Local Roads

New Hampshire
DOT
Department of Transportation

State #: 42291
Federal #: X-A004(806)

LOCATION MAP





ADDITIONAL REMARKS SCHEDULE

AGENCY Hickok & Boardman, Inc.		NAMED INSURED J Hutchins Inc and/or Landshapes 88 Rogers Lane Richmond, VT 05477	
POLICY NUMBER SEE PAGE 1			
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:
 Compensation.

Railroad Protective Liability Coverage Limits=\$2,000,000 per occurrence/\$6,000,000 aggregate. Named Insured Is NH Central Railroad.

Issuing Company: Acadia Insurance Company

RAILROAD PROTECTIVE LIABILITY DECLARATIONS

Policy No.: RRP 5419086-10

Named Insured Name and Address
New Hampshire Central Railroad
c/o J Hutchins Inc.
88 Rogers Lane
Richmond, VT 05477

Agency Name and Address 05021
(802)658-3500
Hickok & Boardman, Inc.
P.O. Box 1064
Burlington, VT 05402-1064

POLICY PERIOD

Policy Period: From 11/21/2019 to 11/21/2020 at 12:01 A.M. Standard Time at your mailing address shown above.

TOTAL ADVANCE PREMIUM **\$3,081**

LIMITS OF INSURANCE

Each Occurrence Limit..... \$ 2,000,000
General Aggregate Limit \$ 6,000,000

Description of Operations: Paving job

Job Location: Route 26, Bridge Street, Colebrook, NH

Designated Contractor: J Hutchins, Inc.

Mailing Address: 88 Rogers Lane, Richmond, VT 05477

Name and Address of Involved Governmental Authority or Other Contracting Party:

