



Victoria F. Sheehan
Commissioner

JAN04'19 AM11:33 DAS
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
November 7, 2018

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with J.P. Sicard, Inc. (Vendor 227157) of Barton, VT on the basis of a low bid of \$828,633.00 for reconstructing railway-highway crossing, roadway approaches and protective devices on US 302 in Bartlett, from the date of Governor and Council approval through June 14, 2019 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 as follows:

Funding is available as follows:	<u>FY 2019</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$828,633.00

2. Further authorize that a contingency in the amount of \$66,290.64 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 8% of the contract amount.

Funding is available as follows:	<u>FY 2019</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$66,290.64

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Railroad Crossings & Signals Program. The proposed project is located on US 302 in Bartlett at the 364-655V railway grade crossing (Rogers Crossing) on the State of New Hampshire Railroad corridor, operated by Conway Scenic Railroad. The at-grade crossing is situated between Alpine Village Rd. and Garland Ridge Rd. at approximately US 302 MM 59.7. Construction work on US 302 will begin approximately 250 feet west and end approximately 350 feet east of the crossing. Railroad track construction will begin approximately 257 feet west and end 289 feet east of the crossing.

The purpose is to improve safety for vehicular and rail traffic at the crossing. The existing railroad signals have reduced visibility due to the roadway horizontal alignment, the existing track has settled, and the crossing is in poor condition. The rail improvements include a new flashing signal system with masts in three quadrants and a cantilever in one, new welded 115# rails through the crossing, news ties and ballast, modification of approach circuits, and new rubber rail seal.

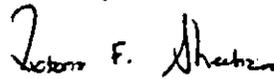
The roadway improvements include full depth pavement reconstruction adjacent to the crossing, increased shoulder width to allow bicyclists to cross at a perpendicular angle to the skewed rails, superelevation improvements, crossing approach signing, and pavement markings.

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 90% federal funds with 10% state match. Turnpike toll credit is being utilized for match requirements, 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.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$870,779.00
Contract Amount: \$828,633.00
Under Estimate: \$ 42,146.00
Attachments

September 21, 2018

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: The proposed project is located on US 302 in Bartlett at the 364-655V railway grade crossing (Rogers Crossing) on the State of New Hampshire Railroad corridor, operated by Conway Scenic Railroad. The at-grade crossing is situated between Alpine Village Rd. and Garland Ridge Rd. at approximately US 302 MM 59.7. Construction work on US 302 will begin approximately 250 feet west and end approximately 350 feet east of the crossing. Railroad track construction will begin approximately 257 feet west and end 289 feet east of the crossing.

FEDERAL FUNDING: 90% (Railroad Crossings & Signals Program (RR-RCS)) utilizing Turnpike Toll credits as the State's 10% match

CONTINGENCY: The proposed contingency amount is 8% of the contract amount. This is to account for the risks associated with the unknown extent of the at-grade crossing repairs, unanticipated traffic control needs, and unforeseen costs associated with the construction of the diversion.

PROJECT INITIATED: Railroad Crossings & Signals Program (RR-RCS)

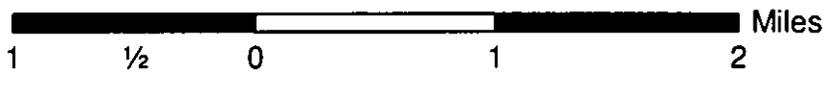
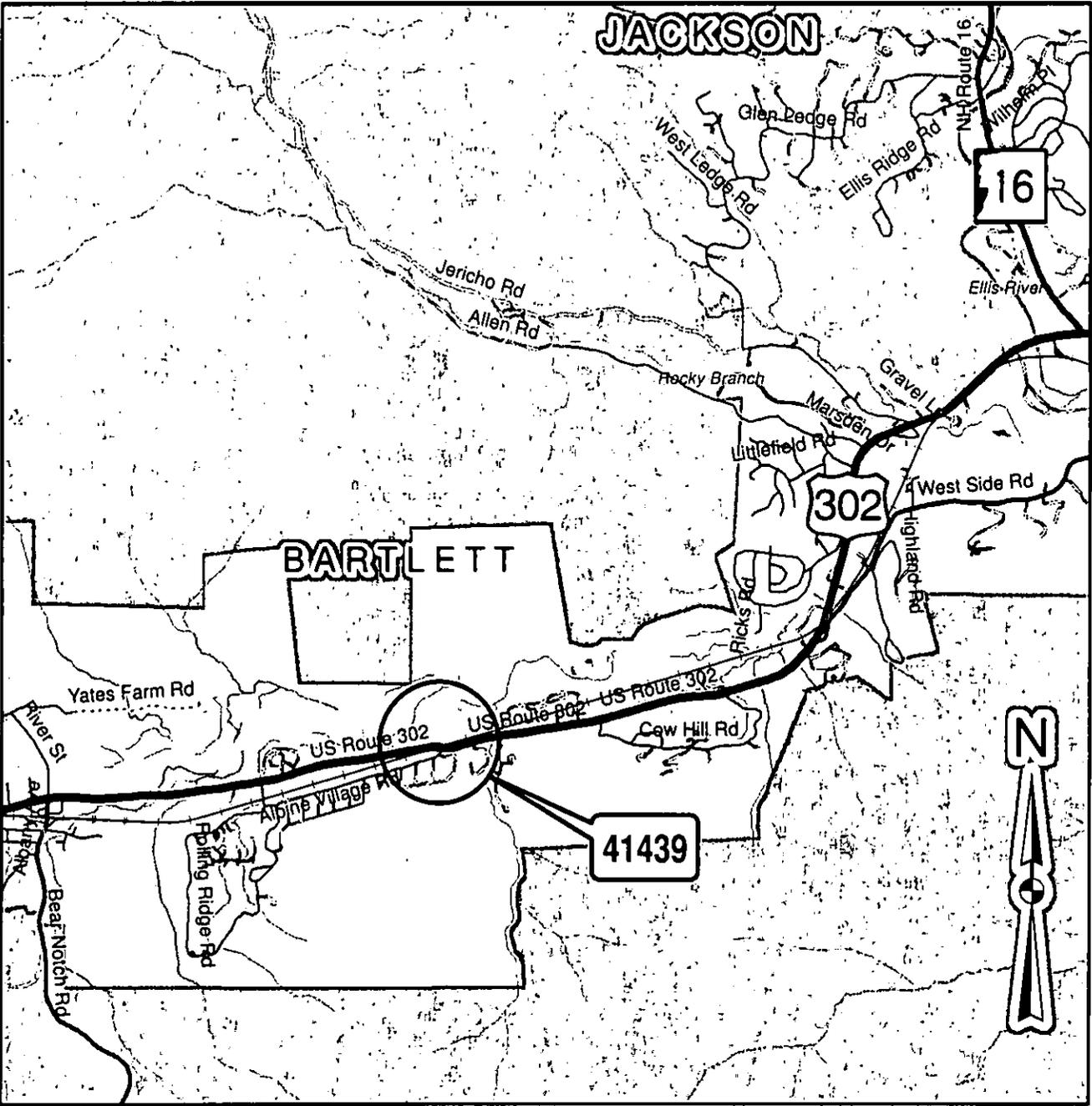
PROJECT EXPLANATION: The purpose is to improve safety for vehicular and rail traffic at the crossing. The existing railroad signals have reduced visibility due to the roadway horizontal alignment, the existing track has settled, and the crossing is in poor condition. The rail improvements include a new flashing signal system with masts in three quadrants and a cantilever in one, new welded 115# rails through the crossing, news ties and ballast, modification of approach circuits, and new rubber rail seal.

The roadway improvements include full depth pavement reconstruction adjacent to the crossing, increased shoulder width to allow bicyclists to cross at a perpendicular angle to the skewed rails, superelevation improvements, crossing approach signing, and pavement markings.

TRAFFIC IMPLICATIONS: Construction is estimated to take approximately 4 weeks. Traffic control for this project will include closing the track and railway at-grade crossing for seven days and nights. A temporary, alternating one lane, two-way diversion will be constructed to the north of the at-grade crossing to divert traffic off US 302. Bicycles and pedestrians will be accommodated by a 6' paved path located to the east of the diversion and separated by tubular markers. The diversion will use a temporary traffic signal system and will employ a 24-hour speed limit reduction to 40 mph during this phase of construction work, with an advisory speed of 20 mph due to the horizontal alignment of the diversion. Intermittent use of a single lane closure will also be required with traffic being returned to two-way traffic flows during non-work hours.

COMPLETION DATE: June 14, 2019

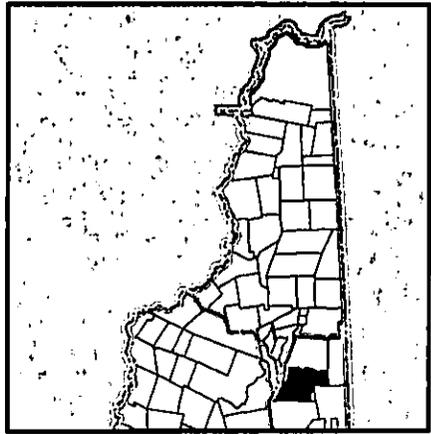
BARTLETT - US ROUTE 302



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

New Hampshire
DOT
 Department of Transportation

State #: 41439
 Federal #: X-A004(640)
LOCATION MAP





ABC Bid Data

BARTLETT
41439
X-A004(640)

PROJECT:	BARTLETT	Awarded To:	SICARD INC, J P	Certified by:	<u>PETER E. STAMNAS</u>
STATE PROJECT NUMBER:	41439		234 GLOVER ROAD		Director of Project Development
FED. PROJECT NUMBER:	X-A004(640)		BARTON, VT 05822		
DATE BIDS OPEN:	October 25, 2018, 2:00	Amount:	\$828,633.00	Award Date:	
SCOPE OF WORK:	Reconstruct railway-highway crossing, roadway approaches & protective devices (Bartlett 364-655V)				
COMPLETION DATE:	June 14, 2019				
LOCATION:	Carroll				

Summary of Bidders

Contractor	Bid Amount	Rank
SICARD INC J P 234 GLOVER ROAD BARTON VT 05822	\$828,633.00	A
PIPER, R. M. INC. 141 SMITH BRIDGE RD, PO BOX 490, PLYMOUTH NH 03264-0490	\$1,034,725.80	B

Item No.	Description	Unit	Quantity	PS&E		SCARD INC. J P 234 GLOVER ROAD BARTON, VT 05822		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03284-0490	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

203.1	COMMON EXCAVATION	CY	610.00	\$20.00	\$12,200.00	\$20.00	\$12,200.00	\$15.00	\$9,150.00
203.11	COMMON EXCAVATION - LRS	CY	640.00	\$25.00	\$16,000.00	\$20.00	\$12,800.00	\$25.00	\$16,000.00
203.72	REHANDLING AND TRANSPORTATION OF EXCAVATED MATERIAL	CY	385.00	\$35.00	\$13,475.00	\$25.00	\$9,625.00	\$25.00	\$9,625.00
214.	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$2,050.00	\$2,050.00	\$7,000.00	\$7,000.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	120.00	\$45.00	\$5,400.00	\$52.00	\$6,240.00	\$40.00	\$4,800.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	135.00	\$55.00	\$7,425.00	\$35.00	\$4,725.00	\$35.00	\$4,725.00
304.46	STONE BALLAST	CY	500.00	\$60.00	\$30,000.00	\$51.00	\$25,500.00	\$60.00	\$30,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	105.00	\$175.00	\$18,375.00	\$135.00	\$14,175.00	\$130.00	\$13,650.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	420.00	\$175.00	\$73,500.00	\$165.00	\$69,300.00	\$130.00	\$54,600.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	80.00	\$250.00	\$20,000.00	\$200.00	\$16,000.00	\$180.00	\$14,400.00
403.6	PAVEMENT JOINT ADHESIVE	LF	4,180.00	\$3.00	\$12,540.00	\$0.50	\$2,090.00	\$0.70	\$2,926.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	155.00	\$160.00	\$24,800.00	\$105.00	\$16,275.00	\$140.00	\$21,700.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	180.00	\$9.45	\$1,701.00	\$8.00	\$1,440.00	\$11.00	\$1,980.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,870.00	\$15.00	\$28,050.00	\$9.00	\$16,830.00	\$11.00	\$20,570.00
593.213	GEOTEXTILE; SEPARATION CL.1, SLIT FILAMENT, WOVEN	SY	520.00	\$4.00	\$2,080.00	\$2.00	\$1,040.00	\$3.50	\$1,820.00
615.0301	TRAFFIC SIGN TYPE C	SF	68.20	\$70.00	\$4,774.00	\$20.00	\$1,364.00	\$16.50	\$1,125.30
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$200.00	\$400.00	\$173.00	\$346.00	\$160.00	\$320.00
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$15,000.00	\$15,000.00	\$49,680.00	\$49,680.00	\$120,000.00	\$120,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,500.00	\$1.00	\$5,500.00	\$1.00	\$5,500.00	\$1.00	\$5,500.00
618.7	FLAGGERS	HR	160.00	\$25.00	\$4,000.00	\$45.00	\$7,200.00	\$40.00	\$6,400.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$20,000.00	\$20,000.00	\$13,570.00	\$13,570.00	\$50,000.00	\$50,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,200.00	\$8,400.00	\$4,140.00	\$8,280.00	\$2,500.00	\$5,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$4,300.00	\$8,600.00	\$2,590.00	\$5,180.00	\$1,750.00	\$3,500.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	150.00	\$4.00	\$600.00	\$3.00	\$450.00	\$2.00	\$300.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	3,130.00	\$1.00	\$3,130.00	\$1.00	\$3,130.00	\$0.95	\$2,973.50
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	84.00	\$26.00	\$2,184.00	\$6.00	\$504.00	\$5.50	\$462.00
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	72.00	\$30.00	\$2,160.00	\$7.00	\$504.00	\$6.50	\$468.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	128.00	\$10.00	\$1,280.00	\$10.00	\$1,280.00	\$9.50	\$1,216.00
645.512	COMPOST SOCK FOR PERJETER BERM	LF	700.00	\$10.00	\$7,000.00	\$5.00	\$3,500.00	\$6.50	\$4,550.00

Item No.	Description	Unit	Quantity	P&E		SIGARD INC. J P 234 OLOVER ROAD BARTON, VT 05822		PIPER, R. M. INC. 141 SMITH BRIDGE RD PLYMOUTH, NH 03264-0490	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.631	SILT FENCE	LF	700.00	\$3.50	\$2,450.00	\$2.00	\$1,400.00	\$3.00	\$2,100.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	590.00	\$2.00	\$1,180.00	\$2.00	\$1,180.00	\$2.00	\$1,180.00
647.1	HUMUS	CY	105.00	\$45.00	\$4,725.00	\$40.00	\$4,200.00	\$20.00	\$2,100.00
670.045	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$39,001.00	\$39,001.00	\$26,150.00	\$26,150.00	\$110,000.00	\$110,000.00
670.105	TEMPORARY PORTABLE LIGHTING	UWK	3.00	\$530.00	\$1,590.00	\$1,150.00	\$3,450.00	\$850.00	\$2,550.00
690.101	RAILROAD SIGNAL SYSTEM	U	1.00	\$240,000.00	\$240,000.00	\$245,575.00	\$245,575.00	\$175,000.00	\$175,000.00
690.21	REMOVAL OF RAILROAD TRACK AND APPURTENANCES	TF	390.00	\$35.00	\$13,650.00	\$35.00	\$13,650.00	\$25.00	\$9,750.00
690.311	7" X 9" X 8'-6" CROSSIES WITH APPURTENANCES	EA	165.00	\$160.00	\$26,400.00	\$190.00	\$31,350.00	\$250.00	\$41,250.00
690.312	7" X 9" X 9' CROSSIES WITH APPURTENANCES	EA	135.00	\$240.00	\$32,400.00	\$90.00	\$12,150.00	\$290.00	\$39,150.00
690.411	115# RAIL, WELDED	TF	195.00	\$130.00	\$25,350.00	\$170.00	\$33,150.00	\$210.00	\$40,950.00
690.412	115# RAIL, BOLTED	TF	78.00	\$83.00	\$6,474.00	\$120.00	\$9,360.00	\$200.00	\$15,600.00
690.422	100# RAIL, BOLTED	TF	117.00	\$75.00	\$8,775.00	\$65.00	\$7,605.00	\$110.00	\$12,870.00
690.5111	COMPROMISE JOINT, 115# TO 100#	U	4.00	\$825.00	\$3,300.00	\$1,600.00	\$6,400.00	\$1,835.00	\$7,340.00
690.5112	COMPROMISE JOINT, 100# TO 85#	U	4.00	\$825.00	\$3,300.00	\$1,600.00	\$6,400.00	\$1,835.00	\$7,340.00
690.5123	INSULATED BOLTED JOINT, 115#	U	4.00	\$670.00	\$2,680.00	\$1,300.00	\$5,200.00	\$1,125.00	\$4,500.00
690.5134	BOLTED JOINT, 100#	U	2.00	\$500.00	\$1,000.00	\$1,850.00	\$3,700.00	\$970.00	\$1,940.00
690.521	RAIL ANCHORS, 115#	EA	1,120.00	\$9.00	\$10,080.00	\$5.50	\$6,160.00	\$7.25	\$8,120.00
690.53	RAIL SEAL INTERFACE	TF	85.00	\$50.00	\$4,250.00	\$115.00	\$9,775.00	\$165.00	\$14,025.00
690.71	TRACK ALIGNMENT	TF	160.00	\$35.00	\$5,600.00	\$100.00	\$16,000.00	\$50.00	\$8,000.00
692.	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00	\$58,000.00	\$58,000.00	\$100,000.00	\$100,000.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00
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
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00

Totals:	\$870,779.00	\$828,633.00	\$1,034,725.80
Ajt. Totals:			
Totals:	\$870,779.00	\$828,633.00	\$1,034,725.80



PS&E Comparison

BARTLETT
41439
X-A004(640)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
203.1	COMMON EXCAVATION	CY	610.00	\$20.00	\$12,200.00	\$20.00	\$12,200.00	\$0.00
203.11	COMMON EXCAVATION - LRS	CY	640.00	\$20.00	\$12,800.00	\$25.00	\$16,000.00	(\$3,200.00)
203.72	REHANDLING AND TRANSPORTATION OF EXCAVATED MATERIAL	CY	385.00	\$25.00	\$9,625.00	\$35.00	\$13,475.00	(\$3,850.00)
214.	FINE GRADING	U	1.00	\$2,050.00	\$2,050.00	\$5,000.00	\$5,000.00	(\$2,950.00)
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	120.00	\$52.00	\$6,240.00	\$45.00	\$5,400.00	\$840.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	135.00	\$35.00	\$4,725.00	\$55.00	\$7,425.00	(\$2,700.00)
304.46	STONE BALLAST	CY	500.00	\$51.00	\$25,500.00	\$60.00	\$30,000.00	(\$4,500.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	105.00	\$135.00	\$14,175.00	\$175.00	\$18,375.00	(\$4,200.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	420.00	\$165.00	\$69,300.00	\$175.00	\$73,500.00	(\$4,200.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	80.00	\$200.00	\$16,000.00	\$250.00	\$20,000.00	(\$4,000.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	4,180.00	\$0.50	\$2,090.00	\$3.00	\$12,540.00	(\$10,450.00)
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	155.00	\$105.00	\$16,275.00	\$160.00	\$24,800.00	(\$8,525.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	180.00	\$8.00	\$1,440.00	\$9.45	\$1,701.00	(\$261.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,870.00	\$9.00	\$16,830.00	\$15.00	\$28,050.00	(\$11,220.00)

593.213	GEOTEXTILE; SEPARATION CL.1, SLIT FILAMENT, WOVEN	SY	520.00	\$2.00	\$1,040.00	\$4.00	\$2,080.00	(\$1,040.00)
615.0301	TRAFFIC SIGN TYPE C	SF	68.20	\$20.00	\$1,364.00	\$70.00	\$4,774.00	(\$3,410.00)
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$173.00	\$346.00	\$200.00	\$400.00	(\$54.00)
616.171	PORTABLE TRAFFIC SIGNALS (PTS) SYSTEM	U	1.00	\$49,680.00	\$49,680.00	\$15,000.00	\$15,000.00	\$34,680.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,500.00	\$1.00	\$5,500.00	\$1.00	\$5,500.00	\$0.00
618.7	FLAGGERS	HR	160.00	\$45.00	\$7,200.00	\$25.00	\$4,000.00	\$3,200.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$13,570.00	\$13,570.00	\$20,000.00	\$20,000.00	(\$6,430.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,140.00	\$8,280.00	\$4,200.00	\$8,400.00	(\$120.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,590.00	\$5,180.00	\$4,300.00	\$8,600.00	(\$3,420.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	150.00	\$3.00	\$450.00	\$4.00	\$600.00	(\$150.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	3,130.00	\$1.00	\$3,130.00	\$1.00	\$3,130.00	\$0.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	84.00	\$6.00	\$504.00	\$26.00	\$2,184.00	(\$1,680.00)
632.3124	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 24" LINE	LF	72.00	\$7.00	\$504.00	\$30.00	\$2,160.00	(\$1,656.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	128.00	\$10.00	\$1,280.00	\$10.00	\$1,280.00	\$0.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	700.00	\$5.00	\$3,500.00	\$10.00	\$7,000.00	(\$3,500.00)
645.531	SILT FENCE	LF	700.00	\$2.00	\$1,400.00	\$3.50	\$2,450.00	(\$1,050.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	590.00	\$2.00	\$1,180.00	\$2.00	\$1,180.00	\$0.00
647.1	HUMUS	CY	105.00	\$40.00	\$4,200.00	\$45.00	\$4,725.00	(\$525.00)
670.045	CONSTRUCT AND REMOVE DIVERSION	U	1.00	\$26,150.00	\$26,150.00	\$39,001.00	\$39,001.00	(\$12,851.00)
670.105	TEMPORARY PORTABLE LIGHTING	UWK	3.00	\$1,150.00	\$3,450.00	\$530.00	\$1,590.00	\$1,860.00
690.101	RAILROAD SIGNAL SYSTEM	U	1.00	\$245,575.00	\$245,575.00	\$240,000.00	\$240,000.00	\$5,575.00
690.21	REMOVAL OF RAILROAD TRACK AND APPURTENANCES	TF	390.00	\$35.00	\$13,650.00	\$35.00	\$13,650.00	\$0.00

690.311	7" X 9" X 8'-6" CROSSTIES WITH APPURTENANCES	EA	165.00	\$190.00	\$31,350.00	\$160.00	\$26,400.00	\$4,950.00
690.312	7" X 9" X 9' CROSSTIES WITH APPURTENANCES	EA	135.00	\$90.00	\$12,150.00	\$240.00	\$32,400.00	(\$20,250.00)
690.411	115# RAIL, WELDED	TF	195.00	\$170.00	\$33,150.00	\$130.00	\$25,350.00	\$7,800.00
690.412	115# RAIL, BOLTED	TF	78.00	\$120.00	\$9,360.00	\$83.00	\$6,474.00	\$2,886.00
690.422	100# RAIL, BOLTED	TF	117.00	\$65.00	\$7,605.00	\$75.00	\$8,775.00	(\$1,170.00)
690.5111	COMPROMISE JOINT, 115# TO 100#	U	4.00	\$1,600.00	\$6,400.00	\$825.00	\$3,300.00	\$3,100.00
690.5112	COMPROMISE JOINT, 100# TO 85#	U	4.00	\$1,600.00	\$6,400.00	\$825.00	\$3,300.00	\$3,100.00
690.5123	INSULATED BOLTED JOINT, 115#	U	4.00	\$1,300.00	\$5,200.00	\$670.00	\$2,680.00	\$2,520.00
690.5134	BOLTED JOINT, 100#	U	2.00	\$1,850.00	\$3,700.00	\$500.00	\$1,000.00	\$2,700.00
690.521	RAIL ANCHORS, 115#	EA	1,120.00	\$5.50	\$6,160.00	\$9.00	\$10,080.00	(\$3,920.00)
690.53	RAIL SEAL INTERFACE	TF	85.00	\$115.00	\$9,775.00	\$50.00	\$4,250.00	\$5,525.00
690.71	TRACK ALIGNMENT	TF	160.00	\$100.00	\$16,000.00	\$35.00	\$5,600.00	\$10,400.00
692.	MOBILIZATION	U	1.00	\$58,000.00	\$58,000.00	\$65,000.00	\$65,000.00	(\$7,000.00)
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	(\$3,000.00)
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

Total:				\$828,633.00		\$870,779.00	(\$42,146.00)
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/21/2018

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 Kinney Pike Insurance Inc. 1011 North Main Street, Suite 4 White River Junction, VT 05001	CONTACT NAME: PHONE (A/C, No, Ext): (802) 295-3329		FAX (A/C, No): (802) 295-7701	
	E-MAIL ADDRESS:			
INSURED JP Sicard, Inc. Kingdom Gravel & Aggregate Inc. PO Box 19 Barton, VT 05822	INSURER(S) AFFORDING COVERAGE		NAIC #	
	INSURER A: Hanover Insurance Company		22292	
	INSURER B:			
	INSURER C:			
	INSURER D:			
	INSURER E:			

COVERAGES **CERTIFICATE NUMBER:** **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 INSD	SUBR 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 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X		ZDVD47261501	12/31/2018	12/31/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/POP AGG \$ 2,000,000	
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			AWVD47234501	12/31/2018	12/31/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			UHVD47264101	12/31/2018	12/31/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ Aggregate \$ 5,000,000	
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 Y	N/A	WHVD47232102	12/31/2018	12/31/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Commercial Property			ZDVD47261501	12/31/2018	12/31/2019	Ded 2,500	
A	Contactors Equipment			IHV D604833 01	12/31/2018	12/31/2019	Ded 1,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Workers Compensation Statutory Coverage applies in VT, NH & ME. Jason Sicard is an excluded Officer.

Certificate Holder is named Additional Insured with respect to general liability to the extent required in executed written contract RE: Reconstruct railway-highway crossing Project No. Bartlett X-A004(640), 41439

CERTIFICATE HOLDER State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH	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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/08/2018

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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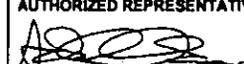
PRODUCER Kinney Pike Insurance Inc. 1011 North Main Street, Suite 4 White River Junction, VT 05001	CONTACT NAME: PHONE (AC, No, Ext): (802) 295-3329		FAX (AC, No): (802) 295-7701	
	E-MAIL ADDRESS:			
INSURED State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH	INSURER(S) AFFORDING COVERAGE		NAIC #	
	INSURER A: Hanover Insurance Company /		22292	
	INSURER B:			
	INSURER C:			
	INSURER D:			
	INSURER E:			
INSURER F:				

COVERAGES **CERTIFICATE NUMBER:** **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 INSD	SUBR WYQ	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owner's & Contractor			BINDER	11/07/2018	11/07/2019	EACH OCCURRENCE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						GENERAL AGGREGATE \$ 3,000,000
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						PRODUCTS - COM/POP AGG \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / A 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 \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Reconstruct railway-highway crossing project no. X-A004(640), 41439

CERTIFICATE HOLDER State of New Hampshire Department of Transportation Concord, NH	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)
11/8/2018

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 Commercial Insurance Associates 103 Powell Court, Suite 100 Brentwood TN 37027	CONTACT NAME: Jordan Gottschalk	
	PHONE (A/C No. Ext): 615-515-6035	FAX (A/C No.): 615-515-6035
E-MAIL ADDRESS: jgottschalk@com-ins.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Westchester Surplus Lines Insurance Company		10172
INSURER B: Progressive Casualty Ins Co		24260
INSURER C: RSUI Indemnity Company		22314
INSURER D: Acadia Insurance Company		31325
INSURER E: Lloyd's of London		15792
INSURER F:		

INSURED SARAT-1
 Saratoga Railroad Engineering PC
 11 Rose Terrace
 Saratoga Springs NY 12866

CERTIFICATE NUMBER: 316891363 **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 INSD	SUBR 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 GENTL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	Y	Y	G27112985006	7/8/2018	7/8/2019	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COM/POP AGG \$ 4,000,000 \$
B	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	Y	Y	02561587-3	7/8/2018	7/8/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	Y	Y	NHA083534	7/8/2018	7/8/2019	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$
D	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"/> Y <input checked="" type="checkbox"/> N/A		N/A	VTARP301688	7/8/2018	7/8/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
E	Professional Liability Deductible: \$10,000	Y	Y	PGIARK0079107	7/8/2018	7/8/2019	Per Claim \$1,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 The certificate holder is included as an additional insured where required by written contract for work performed by Saratoga Railroad Engineering PC. A waiver of subrogation applies on the general liability, auto liability, and professional liability policies where required by written contract where permitted by law. The State of New Hampshire and Conway Scenic Railroad included as an additional insured where required by written contract for work performed by Saratoga Railroad Engineering PC.

CERTIFICATE HOLDER J.P. Sicard, Inc 1369 Glover Road P.O. Box 508 Barton VT 05822	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 

