



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 September 25, 2020

REQUESTED ACTION

Authorize the Department of Transportation to enter into a contract amendment, (Contract #41069) with J.P. Sicard, Inc., (Vendor 227157), of Barton, VT, by increasing the contract amount by \$43,346.25 (from \$1,069,513.00 to \$1,112,859.25) for roadway slope repair on NH 16, in Errol, NH effective upon Governor and Council approval. 100% Federal Funds.

Funding is available as follows:

	<u>FY 2021</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$43,346.25

EXPLANATION

The Errol X-A004(565), 41069 contract was approved by Governor and Council on June 10, 2020 (Item #30) on a basis of a low bid for an original contract encumbrance of \$1,069,513.00. The contract is proposed to be increased by a total of \$43,346.25 as a result of the following:

The scope of the original project was focused on the realignment of Route 16 to allow space for the construction and future maintenance of a stabilized slope along the Magalloway River. However, the project begins on a horizontal curve with a documented crash history, crashes that have involved commercial trucks with trailers. The curve geometry warrants additional shoulder width on the inside of the curve to accommodate trailer off-tracking of large trucks. Adding this shoulder widening improvement to the slope stabilization work is a safety improvement Route 16 can take advantage of as part of the current project. Final completion date for this contract is June 18, 2021.

This project funding is 80% Federal – FLAP (Forest Land Access Program) and conventional federal aid, with anticipated utilization of Turnpike Toll Credits for the states 20% match, effectively using 100% Federal Funds.

Your approval of this resolution is respectfully requested.

Sincerely,

[Handwritten signature of Victoria F. Sheehan]

Victoria F. Sheehan Commissioner

Attachments

41069



Victoria F. Sheehan  
Commissioner

**THE STATE OF NEW HAMPSHIRE**  
**DEPARTMENT OF TRANSPORTATION**

G+C #30  
Date 6/10/20



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  
April 1, 2020

**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 single bid of \$1,069,513.00 for roadway slope repair on NH 16, from the date of Governor and Council approval through June 18, 2021, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2020 and Fiscal Year 2021 as follows, 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	\$347,591.74	\$721,921.26

2. Further authorize that a contingency in the amount of \$53,475.65 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		\$53,475.65

**EXPLANATION**

This project is part of the State's Ten Year Transportation Improvement Plan. This project is located on NH Route 16 in the Town of Errol, within the Umbagog National Wildlife Refuge, and includes a westerly relocation of NH 16 and stabilization of approximately 200 ft. of the adjacent Magalloway River bank. Work begins approximately 4.6 miles north of the NH 16/NH 26 intersection, and continues 1,550 ft. north to approximately 4.9 miles north of the NH 16/26 intersection. The project consists of full box reconstruction of NH 16, and construction of an Engineered Log Jam (ELJ) for permanent slope stabilization of the Magalloway River bank, which has seen continued erosion since an initial slope failure in 2011, resulting in encroachment into NH 16. In 2011, the embankment began to fail and as a result Route 16 was moved west to avoid impact from the failure and barrier installed. The move west was made possible by a temporary easement granted by USF&W until a long term solution to stabilize the river

Page 2

bank was developed. Ancillary work includes existing pavement removal and re-grading, and drainage improvements.

The proposed contingency amount is 5% of the contract amount. The risk of overruns associated with the proposed work is higher due to uncertain ground conditions. Additionally, unanticipated work associated with the engineered log jam treatment, as well as the execution to minimize impacts to the adjacent shoreline may be required.

Although the bid costs exceeded the Department's estimate by 20.99%, the only bid received is felt to be reasonable for the work involved. Two items contributed to 74% of the overage. Both items are related to the Engineered Log Jam slope repair, and we have no previous bidding history. Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

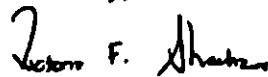
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. 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 - FLAP (Forest Land Access Program) and conventional federal aid, 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: \$ 884,000.00  
Contract Amount: \$1,069,513.00  
Over Estimate: \$ 185,513.00  
Attachments



# ABC Bid Data

ERROL  
41069  
X-A004(565)

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PROJECT:	ERROL	Awarded To:	SICARD INC, J P	Certified by:	<u>PETER E. STAMNAS</u>
STATE PROJECT NUMBER:	41069		234 GLOVER ROAD		Director of Project Development
FED. PROJECT NUMBER:	X-A004(565)		BARTON, VT 05822		
DATE BIDS OPEN:	March 19, 2020, 2:00	Amount:	\$1,069,513.00		
SCOPE OF WORK:	Repair failed roadway slope along NH 16 abutting the Magalloway River	Award Date:			
COMPLETION DATE:	June 18, 2021				
LOCATION:	Coos				

## Summary of Bidders

Contractor	Bid Amount	Rank
SICARD INC, J P 234 GLOVER ROAD, BARTON, VT 05822	\$1,069,513.00	A

Item No.	Description	Unit	Quantity	PRICE		SICARD INC, J P 234 GLOVER ROAD BARTON, VT 05822		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

201.1	CLEARING AND GRUBBING (F)	A	.80	\$9,000.00	\$7,200.00	\$22,000.00	\$17,600.00		
201.231	HARVEST TREES WITH ROOT WADS FOR ENGINEERED LOG JAM	EA	50.00	\$200.00	\$10,000.00	\$435.00	\$21,750.00		
201.232	TREES WITH ROOT WADS FOR ENGINEERED LOG JAM	EA	200.00	\$150.00	\$30,000.00	\$575.00	\$115,000.00		
202.41	REMOVAL OF EXISTING PIPE 6-24" DIAMETER	LF	95.00	\$25.00	\$2,375.00	\$18.00	\$1,710.00		
202.74	REMOVAL OF CONCRETE BARRIER	LF	200.00	\$4.00	\$800.00	\$9.00	\$1,800.00		
203.1	COMMON EXCAVATION	CY	7,400.00	\$10.00	\$74,000.00	\$11.00	\$81,400.00		
203.11	COMMON EXCAVATION - LRS	CY	290.00	\$12.00	\$3,480.00	\$15.00	\$4,350.00		
203.801	EMBANKMENT-IN-PLACE	CY	90.00	\$20.00	\$1,800.00	\$6.00	\$540.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	120.00	\$30.00	\$3,600.00	\$18.00	\$2,160.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$80.00	\$1,200.00	\$40.00	\$800.00		
208.1	GRANULAR BACKFILL	CY	30.00	\$45.00	\$1,350.00	\$40.00	\$1,200.00		
214.	FINE GRADING	U	1.00	\$14,000.00	\$14,000.00	\$5,775.00	\$5,775.00		
304.1	SAND (F)	CY	1,700.00	\$25.00	\$42,500.00	\$24.00	\$40,800.00		
304.2	GRAVEL (F)	CY	1,850.00	\$30.00	\$55,500.00	\$23.00	\$44,850.00		
304.3	CRUSHED GRAVEL (F)	CY	2,100.00	\$35.00	\$73,500.00	\$24.00	\$50,400.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,000.00	\$95.00	\$95,000.00	\$104.00	\$104,000.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	12.00	\$140.00	\$1,680.00	\$283.00	\$3,396.00		
403.8	PAVEMENT JOINT ADHESIVE	LF	3,100.00	\$0.50	\$1,550.00	\$1.30	\$4,030.00		
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	5.00	\$200.00	\$1,000.00	\$561.00	\$2,805.00		
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	205.00	\$4.00	\$820.00	\$11.00	\$2,255.00		
417.	COLD PLANKING BITUMINOUS SURFACES	SY	590.00	\$3.00	\$1,770.00	\$16.00	\$9,440.00		
620.1	CONCRETE CLASS A	CY	8.00	\$700.00	\$5,600.00	\$500.00	\$4,000.00		
644.1	REINFORCING STEEL (ROADWAY)	LB	80.00	\$5.00	\$400.00	\$2.00	\$160.00		
685.3	STONE FILL, CLASS C	CY	20.00	\$50.00	\$1,000.00	\$60.00	\$1,200.00		
693.322	GEOTEXTILE STABILIZATION, CL. 2, MONOFILAMENT, WOVEN	SY	6,300.00	\$3.00	\$18,900.00	\$1.50	\$9,450.00		
803.00218	18" R.C. PIPE, 20000	LF	30.00	\$60.00	\$1,800.00	\$136.00	\$4,080.00		
803.00318	18" R.C. PIPE, 30000	LF	80.00	\$70.00	\$5,600.00	\$129.00	\$10,320.00		
803.91018	18" IN-LINE BACKFLOW CHECK VALVE	EA	1.00	\$3,000.00	\$3,000.00	\$3,460.00	\$3,460.00		
803.91018	18" IN-LINE BACKFLOW CHECK VALVE	EA	1.00	\$3,500.00	\$3,500.00	\$4,450.00	\$4,450.00		
806.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	100.00	\$27.50	\$2,750.00	\$36.00	\$3,600.00		

Item No.	Description	Unit	Quantity	PR&E		SECARD INC., J.P. 234 GLEWING ROAD BARTON, VT 05822		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
015.0301	TRAFFIC SIGN TYPE C	SF	73.25	\$40.00	\$2,930.00	\$80.00	\$4,395.00		
015.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$50.00	\$50.00	\$30.00	\$30.00		
015.0801	TRAFFIC SIGN TYPE CC	SF	8.00	\$25.00	\$200.00	\$20.00	\$160.00		
018.7	FLAGGERS	HR	1,000.00	\$30.00	\$30,000.00	\$35.00	\$35,000.00		
018.1	MAINTENANCE OF TRAFFIC	U	1.00	\$50,000.00	\$50,000.00	\$44,000.00	\$44,000.00		
019.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UNWK	4.00	\$240.00	\$960.00	\$840.00	\$2,560.00		
021.31	SINGLE DELINEATOR WITH POST	EA	30.00	\$40.00	\$1,200.00	\$52.00	\$1,560.00		
022.1	STEEL WITNESS MARKERS	EA	5.00	\$40.00	\$200.00	\$44.00	\$220.00		
028.2	SAWED BITUMINOUS PAVEMENT	LF	80.00	\$2.00	\$120.00	\$3.00	\$180.00		
032.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	20,800.00	\$0.25	\$5,125.00	\$0.21	\$4,305.00		
045.0001	TURBIDITY BARRIER	LF	310.00	\$25.00	\$7,750.00	\$40.00	\$12,400.00		
045.3	EROSION STONE	TON	30.00	\$30.00	\$900.00	\$60.00	\$1,800.00		
045.42	TEMPORARY SLOPE MATTING TYPE B (WILDLIFE FRIENDLY)	SY	350.00	\$2.00	\$700.00	\$3.00	\$1,050.00		
045.456	CHANNEL STABILIZATION - ENGINEERED LOG JAM	U	1.00	\$85,000.00	\$85,000.00	\$136,682.00	\$136,682.00		
045.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,550.00	\$4.50	\$6,975.00	\$5.00	\$7,750.00		
045.531	SILT FENCE	LF	2,850.00	\$2.50	\$6,625.00	\$2.00	\$5,300.00		
045.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00		
045.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$125.00	\$12,500.00	\$225.00	\$22,500.00		
048.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	1.50	\$2,500.00	\$3,750.00	\$2,900.00	\$4,350.00		
047.1	HUMUS	CY	450.00	\$20.00	\$9,200.00	\$16.00	\$7,360.00		
047.112	HUMUS 12" DEEP	CY	700.00	\$20.00	\$14,000.00	\$18.00	\$12,600.00		
050.2	LANDSCAPING	U	1.00	\$18,000.00	\$18,000.00	\$27,500.00	\$27,500.00		
070.022	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	\$25,000.00	\$25,000.00	\$29,870.00	\$29,870.00		
082.	MOBILIZATION	U	1.00	\$85,000.00	\$85,000.00	\$100,400.00	\$100,400.00		
087.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00		
098.13	FIELD OFFICE TYPE C	MON	16.00	\$1,540.00	\$24,640.00	\$1,700.00	\$27,200.00		
099.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00		
1008.253	ALTERATIONS & ADDITIONS AS NEEDED - TEMPORARY NAVIGATION CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
<b>Totals:</b>					<b>\$894,000.00</b>		<b>\$1,069,513.00</b>		

Item No.	Description	Unit	Quantity	P&E		SIGARD INC, J P 234 GLOVER ROAD BARTON, VT 05822			
				Unit Price	Total	Unit Price	Total	Unit Price	Total
Alt. Totals:									
Totals:					\$834,000.00		\$1,063,513.00		

PS&E Comparison

ERROL  
 41069  
 X-A004(565)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.1	CLEARING AND GRUBBING (F)	A	.80	\$22,000.00	\$17,600.00	\$9,000.00	\$7,200.00	\$10,400.00
201.231	HARVEST TREES WITH ROOT WADS FOR ENGINEERED LOG JAM	EA	50.00	\$435.00	\$21,750.00	\$200.00	\$10,000.00	\$11,750.00
201.232	TREES WITH ROOT WADS FOR ENGINEERED LOG JAM	EA	200.00	\$575.00	\$115,000.00	\$150.00	\$30,000.00	\$85,000.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	95.00	\$18.00	\$1,710.00	\$25.00	\$2,375.00	(\$665.00)
202.74	REMOVAL OF CONCRETE BARRIER	LF	200.00	\$9.00	\$1,800.00	\$4.00	\$800.00	\$1,000.00
203.1	COMMON EXCAVATION	CY	7,400.00	\$11.00	\$81,400.00	\$10.00	\$74,000.00	\$7,400.00
203.11	COMMON EXCAVATION - LRS	CY	290.00	\$15.00	\$4,350.00	\$12.00	\$3,480.00	\$870.00
203.601	EMBANKMENT-IN-PLACE	CY	90.00	\$6.00	\$540.00	\$20.00	\$1,800.00	(\$1,260.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	120.00	\$18.00	\$2,160.00	\$30.00	\$3,600.00	(\$1,440.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$40.00	\$800.00	\$60.00	\$1,200.00	(\$400.00)
209.1	GRANULAR BACKFILL	CY	30.00	\$40.00	\$1,200.00	\$45.00	\$1,350.00	(\$150.00)
214.	FINE GRADING	U	1.00	\$5,775.00	\$5,775.00	\$14,000.00	\$14,000.00	(\$8,225.00)
304.1	SAND (F)	CY	1,700.00	\$24.00	\$40,800.00	\$25.00	\$42,500.00	(\$1,700.00)
304.2	GRAVEL (F)	CY	1,950.00	\$23.00	\$44,850.00	\$30.00	\$58,500.00	(\$13,650.00)



304.3	CRUSHED GRAVEL (F)	CY	2,100.00	\$24.00	\$50,400.00	\$35.00	\$73,500.00	(\$23,100.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,000.00	\$104.00	\$104,000.00	\$95.00	\$95,000.00	\$9,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	12.00	\$283.00	\$3,396.00	\$140.00	\$1,680.00	\$1,716.00
403.6	PAVEMENT JOINT ADHESIVE	LF	3,100.00	\$1.30	\$4,030.00	\$0.50	\$1,550.00	\$2,480.00
403.99	TEMPORARY BITUMINOUS PAVEMENT	TON	5.00	\$581.00	\$2,805.00	\$200.00	\$1,000.00	\$1,805.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	205.00	\$11.00	\$2,255.00	\$4.00	\$820.00	\$1,435.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	590.00	\$16.00	\$9,440.00	\$3.00	\$1,770.00	\$7,670.00
520.1	CONCRETE CLASS A	CY	8.00	\$500.00	\$4,000.00	\$700.00	\$5,600.00	(\$1,600.00)
544.1	REINFORCING STEEL (ROADWAY)	LB	80.00	\$2.00	\$160.00	\$5.00	\$400.00	(\$240.00)
585.3	STONE FILL, CLASS C	CY	20.00	\$60.00	\$1,200.00	\$50.00	\$1,000.00	\$200.00
593.322	GEOTEXTILE STABILIZATION, CL. 2, MONOFILAMENT, WOVEN	SY	6,300.00	\$1.50	\$9,450.00	\$3.00	\$18,900.00	(\$9,450.00)
603.00218	18" R.C. PIPE, 2000D	LF	30.00	\$136.00	\$4,080.00	\$60.00	\$1,800.00	\$2,280.00
603.00315	15" R.C. PIPE, 3000D	LF	80.00	\$129.00	\$10,320.00	\$70.00	\$5,600.00	\$4,720.00
603.91015	15" IN-LINE BACKFLOW CHECK VALVE	EA	1.00	\$3,460.00	\$3,460.00	\$3,000.00	\$3,000.00	\$460.00
603.91018	18" IN-LINE BACKFLOW CHECK VALVE	EA	1.00	\$4,450.00	\$4,450.00	\$3,500.00	\$3,500.00	\$950.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	100.00	\$38.00	\$3,600.00	\$27.50	\$2,750.00	\$850.00
615.0301	TRAFFIC SIGN TYPE C	SF	73.25	\$60.00	\$4,395.00	\$40.00	\$2,930.00	\$1,465.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	1.00	\$90.00	\$90.00	\$50.00	\$50.00	\$40.00
615.0601	TRAFFIC SIGN TYPE CC	SF	8.00	\$20.00	\$160.00	\$25.00	\$200.00	(\$40.00)
618.7	FLAGGERS	HR	1,000.00	\$35.00	\$35,000.00	\$30.00	\$30,000.00	\$5,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$44,000.00	\$44,000.00	\$50,000.00	\$50,000.00	(\$6,000.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	4.00	\$640.00	\$2,560.00	\$240.00	\$960.00	\$1,600.00
621.31	SINGLE DELINEATOR WITH POST	EA	30.00	\$52.00	\$1,560.00	\$40.00	\$1,200.00	\$360.00

622.1	STEEL WITNESS MARKERS	EA	5.00	\$44.00	\$220.00	\$40.00	\$200.00	\$20.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	60.00	\$3.00	\$180.00	\$2.00	\$120.00	\$80.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	20,500.00	\$0.21	\$4,305.00	\$0.25	\$5,125.00	(\$820.00)
645.0001	TURBIDITY BARRIER	LF	310.00	\$40.00	\$12,400.00	\$25.00	\$7,750.00	\$4,650.00
645.3	EROSION STONE	TON	30.00	\$60.00	\$1,800.00	\$30.00	\$900.00	\$900.00
645.42	TEMPORARY SLOPE MATTING TYPE B (WILDLIFE FRIENDLY)	SY	350.00	\$3.00	\$1,050.00	\$2.00	\$700.00	\$350.00
645.456	CHANNEL STABILIZATION - ENGINEERED LOG JAM	U	1.00	\$136,682.00	\$136,682.00	\$85,000.00	\$85,000.00	\$51,682.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,550.00	\$5.00	\$7,750.00	\$4.50	\$6,975.00	\$775.00
645.531	SILT FENCE	LF	2,850.00	\$2.00	\$5,300.00	\$2.50	\$8,625.00	(\$1,325.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	(\$1,000.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$225.00	\$22,500.00	\$125.00	\$12,500.00	\$10,000.00
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	1.50	\$2,900.00	\$4,350.00	\$2,500.00	\$3,750.00	\$600.00
647.1	HUMUS	CY	460.00	\$16.00	\$7,360.00	\$20.00	\$9,200.00	(\$1,840.00)
647.112	HUMUS 12" DEEP	CY	700.00	\$18.00	\$12,600.00	\$20.00	\$14,000.00	(\$1,400.00)
650.2	LANDSCAPING	U	1.00	\$27,500.00	\$27,500.00	\$18,000.00	\$18,000.00	\$9,500.00
670.822	GNSS CONSTRUCTION INSPECTION EQUIPMENT	U	1.00	\$29,870.00	\$29,870.00	\$25,000.00	\$25,000.00	\$4,870.00
692.	MOBILIZATION	U	1.00	\$100,400.00	\$100,400.00	\$85,000.00	\$85,000.00	\$15,400.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00
698.13	FIELD OFFICE TYPE C	MON	16.00	\$1,700.00	\$27,200.00	\$1,540.00	\$24,640.00	\$2,560.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
1008.253	ALTERATIONS & ADDITIONS AS NEEDED - TEMPORARY NAVIGATION CONTROL	\$	1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00

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**Total:**

**\$1,069,513.00**

**\$884,000.00**

**\$185,513.00**

**ERROL**  
**X-A004 (565)**  
**41069**

December 9, 2019

## **SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** This project is located on NH Route 16 in the Town of Errol, within the Umbagog National Wildlife Refuge, and includes a westerly relocation of NH 16 and stabilization of approximately 200 ft. of the adjacent Magalloway River bank. Work begins approximately 4.6 miles north of the NH 16/NH 26 intersection, and continues 1,550 ft. north to approximately 4.9 miles north of the NH 16/26 intersection. The project consists of full box reconstruction of NH 16, and construction of an Engineered Log Jam (ELJ) for permanent slope stabilization of the Magalloway River bank, which has seen continued erosion since an initial slope failure in 2011, resulting in encroachment into NH 16. Ancillary work includes existing pavement removal and re-grading, and drainage improvements.

**FEDERAL FUNDING:** 80% FLAP (Forest Land Access Program) with anticipated utilization of Turnpike Toll Credits for the State's 20% match

**CONTINGENCY:** The contingency amount is proposed to be 5% of the contract amount. The risk of overruns associated with the proposed work is higher due to uncertain ground conditions. Additionally, unanticipated work associated with the engineered log jam treatment, as well as the execution to minimize impacts to the adjacent shoreline may be required.

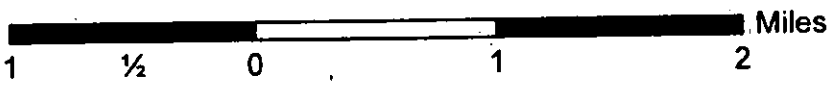
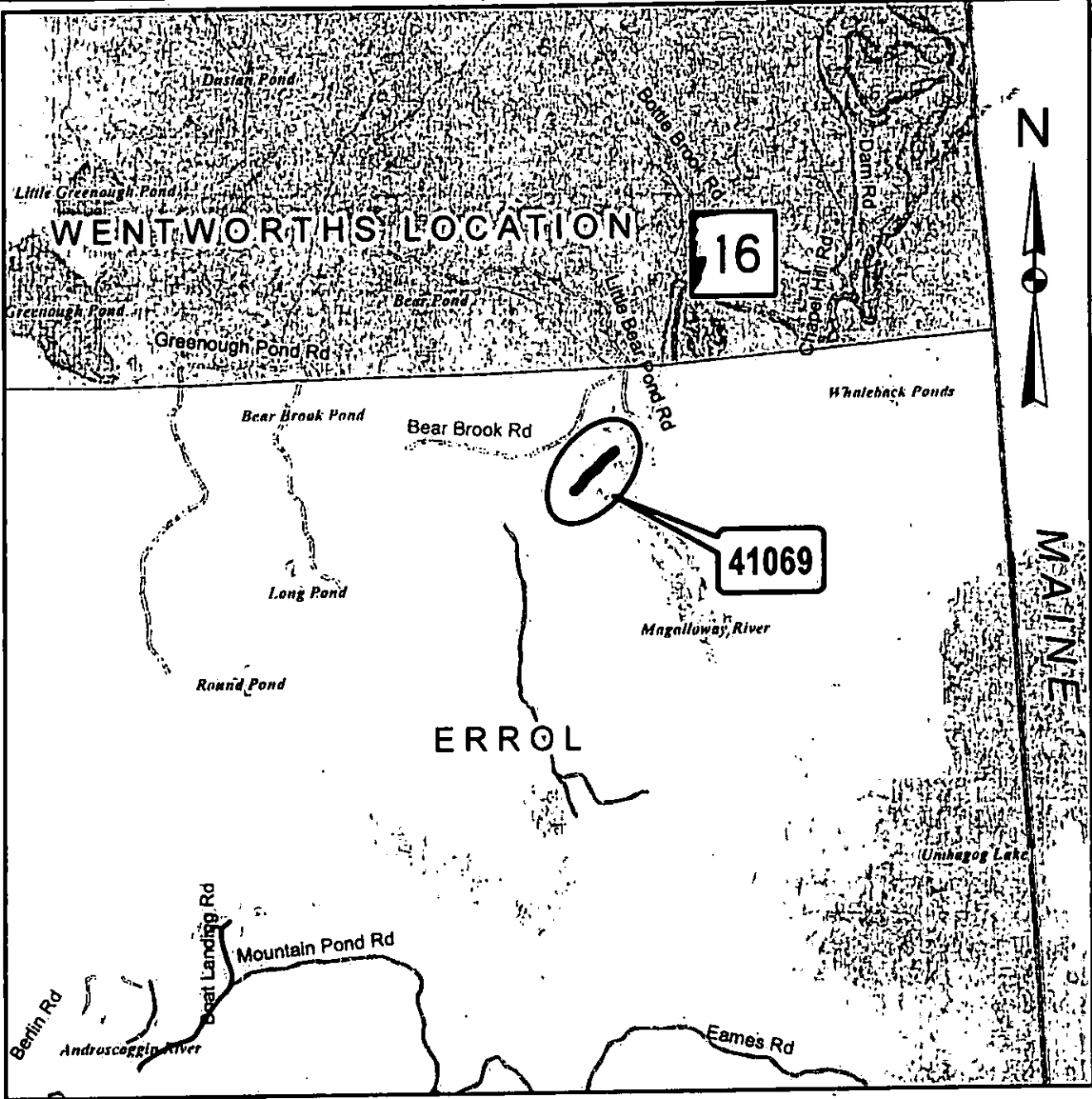
**PROJECT INITIATED:** Application through State's Federal Lands Access Program

**PROJECT EXPLANATION:** The project consists of full box reconstruction of NH 16, and construction of an Engineered Log Jam (ELJ) for permanent slope stabilization of the Magalloway River bank, which has seen continued erosion since an initial slope failure in 2011, resulting in encroachment into NH 16. Ancillary work includes existing pavement removal and re-grading, and drainage improvements.

**TRAFFIC IMPLICATION:** The current roadway will have minimal disruption to the public during construction work hours, as the project will be built almost entirely offline. The project will utilize flaggers to complete the final configuration tying into the existing NH Route 16.

**FINAL COMPLETION DATE:** June 18, 2021

**ERROL - ROUTE 16 (DAM ROAD)**

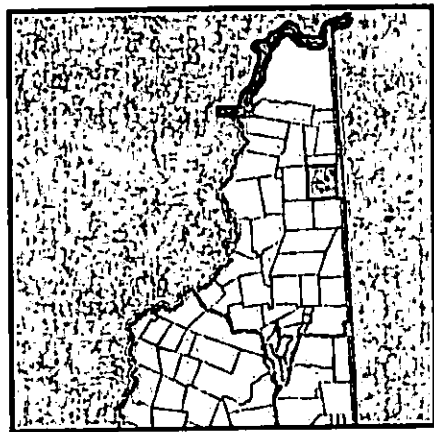


**LEGEND**

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

*New Hampshire*  
**DOT**  
 Department of Transportation

State # 41069  
 Federal # X-A004 (565)  
**LOCATION MAP**





JPSICAR-02

CHENDERSON

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
4/23/2020

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).

<b>PRODUCER</b> Kinney Pike Insurance Inc. 1011 North Main Street, Suite 4 White River Junction, VT 05001	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): (802) 295-3328		<b>FAX (A/C, No):</b> (802) 295-7701
	<b>EMAIL ADDRESS:</b>		
<b>INSURED</b> JP Sicard, Inc. Kingdom Gravel & Aggregate Inc. PO Box 19 Barton, VT 05822	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A:</b> Acadia Insurance		31325
	<b>INSURER B:</b> Patriot Insurance Company		32069
	<b>INSURER C:</b> Underwriters at Lloyds, London		16642
	<b>INSURER D:</b>		
	<b>INSURER E:</b>		


**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 SUBR INSD 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 checked="" type="checkbox"/> LOC OTHER:	X	CLA 6409694-10	12/31/2019	12/31/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 300,000 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	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY		CAA 6409695-10	12/31/2019	12/31/2020	COMBINED SINGLE LIMIT (Per 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 <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0		CUA 6409696-10	12/31/2019	12/31/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/EMBER EXCLUDED? (Specify in RFI) <input type="checkbox"/> If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	WCA 6409697-10	12/31/2019	12/31/2020	<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
B	Commercial Property		6651662	12/31/2019	12/31/2020	Ded 2,500
C	Pollution Liability		SPEC0235-02	12/31/2019	12/31/2020	1,000,000/2,000,000

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.

The State of New Hampshire, its officers, agents & employees are named additional insureds with respect to general liability to the extent required in executed written contract RE: Errol X-A004(565), Project 41069

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation 7 Hazen Drive, PO Box 483 Concord, NH 03302	<b>CANCELLATION</b>  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 



JPSICAR-01

CHENDERSON

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MMDD/YYYY)  
4/29/2020

**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).**

<b>PRODUCER</b> Kinney Pike Insurance Inc. 1011 North Main Street, Suite 4 White River Junction, VT 05001	<b>CONTACT</b> PHONE (AC, No, Ext): (802) 285-3320	FAX (AC, No): (802) 285-7701
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH	<b>INSURER A: Acadia Insurance</b>	
	<b>INSURER B:</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**                      **CERTIFICATE NUMBER:**                      **REVISION NUMBER:**

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REF LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MMDDYYYY)	POLICY EXP (MMDDYYYY)	LIMITS
A	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>Owner's &amp; Contractor</b>  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCP 6438506	4/23/2020	4/23/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ OTHER:
	<b>AUTOMOBILE LIABILITY</b> <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						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ OTHER:
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ OTHER:
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				<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: Error X-A004(565) Full box reconstruction of NH 16; and construction of an engineered log jam (ELJ) for permanent slope stabilization of the Magalloway River bank. Ancillary work includes existing pavement removal and re-grading and drainage improvements.

<b>CERTIFICATE HOLDER</b> State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH	<b>CANCELLATION</b> 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 