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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
March 12, 2019

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with M.E. Latulippe Construction, Inc. (Vendor 157609) of Rumney, NH on the basis of a low bid of \$521,121.40 for Stinson Lake Road improvements in the Town of Ellsworth, from the date of Governor and Council approval through August 9, 2019 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020 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 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$100,000.00	\$421,121.40

2. Further authorize that a contingency in the amount of \$36,478.50 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 7% of the contract amount.

Funding is available as follows:	<u>FY 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$0.00	\$36,478.50

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan. This project will construct improvements along 2,900 LF of Stinson Lake Road, an existing rural gravel road, from just north of Sucker Brook (Br. No. 065/070), north past Ranch and Doetown Roads, ending 400' north of the Three Ponds Trailhead parking lot entrance. Improvements to the access of the Three Ponds Trailhead parking lot are included. Road work consists of scarification of the existing gravel surface, re-grading, shimming, and paving an 18' wide travelway. Drainage work involves constructing formal vegetated and stone lined ditches; replacement of existing culverts; installation of new culverts, closed systems components, end sections, headwalls, and stone aprons. The project also includes clearing, slope work, and permanent slope stabilization. Improvements to the existing Three Ponds trailhead

parking area include upgrades to the existing driveway, construction of a second driveway on the opposite end of the parking lot, and expansion of the gravel parking lot to accommodate recreational trailer parking. Guardrail replacement is limited to the north end of the Sucker Brook bridge. No bridge work is included in the contract.

The main purpose of this project is to improve access to the Three Ponds Trailhead by paving the roadway, which will also minimize the Department's winter maintenance burden. The current maintenance practice is for District to send a separate truck, containing only sand, to plow and treat the gravel section of road, which reduces Department efficiency. Additionally, recent storms which hit Rumney and Ellsworth in July and October of 2017 resulted in damage to the existing roadside drainage. The gravel surface road and minimal ditch lines are subject to erosion and permit transport of sediment into adjacent wetland, streams, and forest. This project will reduce maintenance and improve water quality, while increasing reliable access to the Three Ponds Trailhead Parking lot. Addition of a second drive and expansion of the existing Three Ponds parking lot will also provide for improved and expanded access to the trailhead and snowmobile trail.

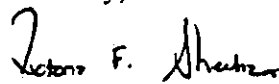
The proposed contingency amount is 7% of the contract amount. This is based on limited survey which may affect earthwork quantities and the risks associated with stormwater management.

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 82% Federal Lands Access Program with anticipated utilization of Turnpike Toll Credits as the State's 18% 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.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$630,974.10
Contract Amount: \$521,121.40
Under Estimate: \$109,852.70
Attachments

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project will construct improvements along 2,900 LF of Stinson Lake Road, an existing rural gravel road, from just north of Sucker Brook (Br. No. 065/070), north past Ranch and Doetown Roads, ending 400' north of the Three Ponds Trailhead parking lot entrance. Improvements to the access of the Three Ponds Trailhead parking lot are included.

Road work consists of scarification of the existing gravel surface, re-grading, shimming, and paving an 18' wide travelway. Drainage work involves constructing formal vegetated and stone lined ditches; replacement of existing culverts; installation of new culverts, closed systems components, end sections, headwalls, and stone aprons. The project also includes clearing, slope work, and permanent slope stabilization. Improvements to the existing Three Ponds trailhead parking area include upgrades to the existing driveway, construction of a second driveway on the opposite end of the parking lot, and expansion of the gravel parking lot to accommodate recreational trailer parking. Guardrail replacement is limited to the north end of the Sucker Brook bridge. No bridge work is included in the contract.

FEDERAL FUNDING: 82% (Federal Lands Access Program) with anticipated utilization of Turnpike Toll Credits as the State's 18% match.

CONTINGENCY: The proposed contingency amount is 7% of the contract amount. This is based on limited survey which may affect earthwork quantities and the risks associated with stormwater management.

PROJECT INITIATED: Project initiated by District 2 through the Federal Lands Access Program (FLAP).

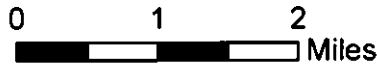
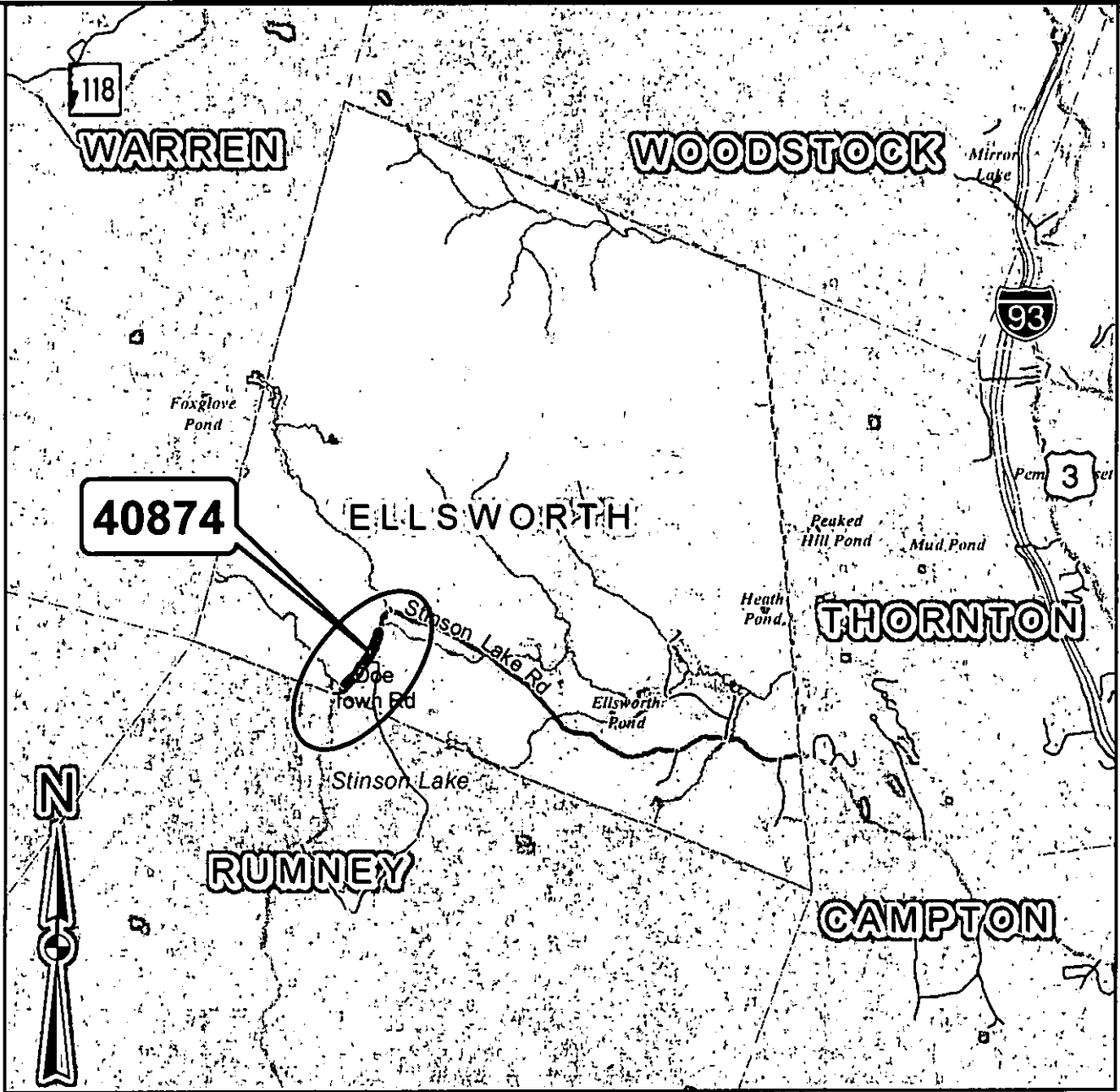
PROJECT EXPLANATION: The main purpose of this project is to improve access to the Three Ponds Trailhead by paving the roadway, which will also minimize the Departments winter maintenance burden. The current maintenance practice is for District to send a separate truck, containing only sand, to plow and treat the gravel section of road, which reduces Department efficiency.

Additionally, recent storms which hit Rumney and Ellsworth in July and October of 2017 resulted in damage to the existing roadside drainage. The gravel surface road and minimal ditch lines are subject to erosion and permit transport of sediment into adjacent wetland, streams, and forest. This project will reduce maintenance and improve water quality, while increasing reliable access to the Three Ponds Trailhead Parking lot. Addition of a second drive and expansion of the existing Three Ponds parking lot will also provide for improved and expanded access to the trailhead and snowmobile trail.

TRAFFIC IMPLICATION: Estimated traffic volumes are 150 ADT with a posted speed of 30 mph. Replacement of an existing 48" RCP will require a lane closure and use of one lane, alternating two-way traffic supplemented with Stop/Yield signs. Other activities may require temporary lane closures and short term use of one lane, alternating two-way traffic supplemented with flaggers during construction hours. With the exception of the lane closure for the 48" pipe, traffic will be returned to two-way condition during non-construction hours.

FINAL COMPLETION DATE: August 9, 2019

ELLSWORTH - STINSON LAKE RD



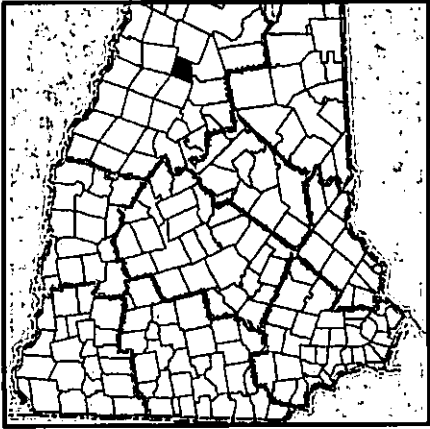
LEGEND

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

New Hampshire
DOT
 Department of Transportation

State #: 40874
 Federal #: X-A004 (514)

LOCATION MAP





ABC Bid Data

ELLSWORTH
40874
X-A004(514)

PROJECT:	ELLSWORTH	Awarded To:	LATULIPPE CONSTRUCTION, M.E.
STATE PROJECT NUMBER:	40874		979 Rumney, Route 25 Rumney, NH 03266
FED. PROJECT NUMBER:	X-A004(514)	Amount:	\$521,121.40
DATE BIDS OPEN:	February 21, 2019,	Certified by:	<u>PETER E. STAMNAS</u> <small>Director of Project Development</small>
SCOPE OF WORK:	Improve Stinson Lake Road in the Town of Ellsworth, NH, within the WMNF, from Rumney to trailhead	Award Date:	
COMPLETION DATE:	August 09, 2019		
LOCATION:	Grafton		

Summary of Bidders

Contractor	Bid Amount	Rank
LATULIPPE CONSTRUCTION, M.E. 979 Rumney, Route 25, RUMNEY NH 03266	\$521,121.40	A
JEREMY HILTZ EXCVATING INC 859 Lake St, BRISTOL NH 03222	\$698,521.00	B

Item No.	Description	Unit	Quantity	P&A		LATULIPPE CONSTRUCTION, INC. 979 Rummy, Route 25 Rummy, NH 03286		JEREMY HILTZ EXCAVATING INC 859 Lake St Bristol, NH 03222	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.1	CLEARING AND GRUBBING (F)	A	1.10	\$16,000.00	\$17,600.00	\$3,000.00	\$3,300.00	\$7,500.00	\$8,250.00
201.21	REMOVING SMALL TREES	EA	5.00	\$475.00	\$2,375.00	\$250.00	\$1,250.00	\$400.00	\$2,000.00
202.41	REMOVAL OF EXISTING PIPE 6-24" DIAMETER	LF	95.00	\$15.00	\$1,425.00	\$5.00	\$475.00	\$10.00	\$950.00
202.7	REMOVAL OF GUARDRAIL	LF	130.00	\$1.60	\$208.00	\$4.50	\$585.00	\$10.00	\$1,300.00
203.1	COMMON EXCAVATION	CY	6,030.00	\$10.00	\$60,300.00	\$8.00	\$48,240.00	\$10.00	\$60,300.00
203.2	ROCK EXCAVATION	CY	30.00	\$90.00	\$2,700.00	\$50.00	\$1,500.00	\$150.00	\$4,500.00
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 2	U	1.00	\$850.00	\$850.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	640.00	\$5.85	\$3,744.00	\$8.00	\$3,840.00	\$10.00	\$6,400.00
206.1	COMMON STRUCTURE EXCAVATION	CY	790.00	\$18.00	\$14,220.00	\$8.00	\$6,320.00	\$20.00	\$15,800.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$25.00	\$250.00	\$30.00	\$300.00	\$20.00	\$200.00
206.2	ROCK STRUCTURE EXCAVATION	CY	25.00	\$70.00	\$1,750.00	\$50.00	\$1,250.00	\$200.00	\$5,000.00
209.1	GRANULAR BACKFILL	CY	155.00	\$26.00	\$4,030.00	\$14.00	\$2,170.00	\$20.00	\$3,100.00
214.	FINE GRADING	U	1.00	\$13,500.00	\$13,500.00	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00
214.81	SCARIFYING AND INITIAL GRADING	SY	6,550.00	\$4.30	\$28,165.00	\$0.90	\$5,895.00	\$1.00	\$6,550.00
304.201	GRAVEL	CY	875.00	\$42.00	\$36,750.00	\$19.50	\$17,062.50	\$35.00	\$30,625.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	820.00	\$30.00	\$24,800.00	\$21.00	\$17,220.00	\$48.00	\$39,360.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	25.00	\$56.00	\$1,400.00	\$25.00	\$625.00	\$50.00	\$1,250.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	990.00	\$70.00	\$69,300.00	\$90.00	\$89,100.00	\$91.00	\$90,090.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	15.00	\$140.00	\$2,100.00	\$135.00	\$2,025.00	\$130.00	\$1,950.00
403.6	PAVEMENT JOINT ADHESIVE	LF	6,575.00	\$1.50	\$9,862.50	\$0.70	\$4,602.50	\$0.40	\$2,630.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	235.00	\$3.50	\$822.50	\$5.00	\$1,175.00	\$5.00	\$1,175.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$5,780.00	\$5,780.00
508.	STRUCTURAL FILL	CY	12.00	\$55.00	\$660.00	\$30.00	\$360.00	\$40.00	\$480.00
520.01	CONCRETE CLASS AA	CY	32.00	\$840.00	\$26,880.00	\$875.00	\$28,000.00	\$1,500.00	\$48,000.00
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	8.00	\$500.00	\$4,000.00	\$875.00	\$7,000.00	\$800.00	\$6,400.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	2.00	\$110.00	\$220.00	\$25.00	\$50.00	\$50.00	\$100.00
544.1	REINFORCING STEEL (ROADWAY)	LB	3,725.00	\$1.25	\$4,656.25	\$0.62	\$2,309.50	\$2.00	\$7,450.00
585.2	STONE FILL, CLASS B	CY	120.00	\$28.00	\$3,360.00	\$30.00	\$3,600.00	\$54.00	\$6,480.00
585.3	STONE FILL, CLASS C	CY	580.00	\$30.00	\$17,400.00	\$28.00	\$16,240.00	\$50.00	\$29,000.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	210.00	\$4.00	\$840.00	\$1.00	\$210.00	\$4.00	\$840.00

Item No.	Description	Unit	Quantity	PS&E		LATULIPPE CONSTRUCTION, M.E. 878 Ramsey, Route 25 Ramsey, NH 03286		JEREMY HILTZ EXCAVATING INC 838 Lake St Bristol, NH 03222	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	2,235.00	\$2.00	\$4,470.00	\$0.90	\$2,011.50	\$3.00	\$6,705.00
603.0001	VIDEO INSPECTION	LF	390.00	\$2.50	\$975.00	\$3.00	\$1,170.00	\$3.00	\$1,170.00
603.00212	12" R.C. PIPE, 2000D	LF	40.00	\$50.00	\$2,000.00	\$30.00	\$1,200.00	\$70.00	\$2,800.00
603.33218	18" CORR. POLYETHYLENE END SECTION	EA	6.00	\$150.00	\$900.00	\$200.00	\$1,200.00	\$363.00	\$2,178.00
603.33224	24" CORR. POLYETHYLENE END SECTION	EA	1.00	\$175.00	\$175.00	\$250.00	\$250.00	\$466.00	\$466.00
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	70.00	\$30.00	\$2,100.00	\$9.00	\$630.00	\$53.00	\$3,710.00
603.80218	18" PLASTIC PIPE (SMOOTH INTERIOR)	LF	112.00	\$32.00	\$3,584.00	\$13.50	\$1,512.00	\$58.00	\$6,496.00
603.80224	24" PLASTIC PIPE (SMOOTH INTERIOR)	LF	180.00	\$38.00	\$6,840.00	\$20.00	\$3,600.00	\$65.00	\$11,700.00
603.80248	48" PLASTIC PIPE (SMOOTH INTERIOR)	LF	60.00	\$75.00	\$4,500.00	\$64.00	\$3,840.00	\$115.00	-\$6,900.00
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	4.00	\$2,300.00	\$9,200.00	\$2,500.00	\$10,000.00	\$3,200.00	\$12,800.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAQT, TL 2) (STEEL POST)	U	1.00	\$2,100.00	\$2,100.00	\$3,000.00	\$3,000.00	\$2,750.00	\$2,750.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$535.50	\$535.50	\$850.00	\$850.00	\$850.00	\$850.00
606.18001	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	137.50	\$18.50	\$2,288.75	\$28.50	\$3,918.75	\$30.00	\$4,125.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	350.00	\$35.00	\$12,250.00	\$41.00	\$14,350.00	\$45.00	\$15,750.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$4,775.00	\$9,550.00
615.0301	TRAFFIC SIGN TYPE C	SF	48.25	\$150.00	\$7,237.50	\$50.00	\$2,412.50	\$28.00	\$1,351.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	5.00	\$35.00	\$175.00	\$50.00	\$250.00	\$100.00	\$500.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$280.00	\$560.00	\$75.00	\$150.00	\$125.00	\$250.00
615.0601	TRAFFIC SIGN TYPE CC	SF	10.38	\$20.00	\$207.60	\$55.00	\$570.90	\$28.00	\$290.64
618.7	FLAGGERS	HR	640.00	\$25.00	\$16,000.00	\$34.00	\$21,760.00	\$38.00	\$24,320.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	10.00	\$4.75	\$47.50	\$8.00	\$80.00	\$8.00	\$80.00
621.31	SINGLE DELINEATOR WITH POST	EA	100.00	\$35.00	\$3,500.00	\$48.00	\$4,800.00	\$55.00	\$5,500.00
621.32	DOUBLE DELINEATOR WITH POST	EA	2.00	\$50.00	\$100.00	\$55.00	\$110.00	\$60.00	\$120.00
622.1	STEEL WITNESS MARKERS	EA	18.00	\$30.00	\$540.00	\$40.00	\$720.00	\$40.00	\$720.00
645.3	EROSION STONE	TON	105.00	\$45.00	\$4,725.00	\$22.00	\$2,310.00	\$35.00	\$3,675.00
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	8,800.00	\$1.80	\$15,840.00	\$1.50	\$13,200.00	\$2.10	\$18,480.00
645.472	TEMPORARY CHANNEL MATTING TYPE B	SY	925.00	\$9.00	\$8,325.00	\$1.25	\$1,156.25	\$2.00	\$1,850.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,300.00	\$5.00	\$11,500.00	\$3.50	\$8,050.00	\$5.00	\$11,500.00
645.531	SILT FENCE	LF	2,100.00	\$3.00	\$6,300.00	\$3.00	\$6,300.00	\$3.00	\$6,300.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00

Item No.	Description	Unit	Quantity	P&E		LATULIPPE CONSTRUCTION, M.E. 979 Ramney, Route 25 Ramney, NH 03286		JEREMY MILTZ EXCAVATING INC 659 Lake St Bristol, NH 03222	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	129.00	\$70.00	\$8,400.00	\$65.00	\$7,800.00	\$68.00	\$8,180.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	8,800.00	\$1.50	\$13,200.00	\$0.80	\$5,280.00	\$0.55	\$4,840.00
647.1	HUMUS	CY	735.00	\$30.00	\$22,050.00	\$21.00	\$15,435.00	\$20.00	\$14,700.00
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$18,000.00	\$18,000.00
692.	MOBILIZATION	U	1.00	\$48,000.00	\$48,000.00	\$60,000.00	\$60,000.00	\$38,494.36	\$38,494.36
698.14	FIELD OFFICE TYPE D	MON	4.00	\$1,600.00	\$6,400.00	\$1,000.00	\$4,000.00	\$2,500.00	\$10,000.00
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
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
Totals:					\$630,974.10		\$521,121.40		\$698,521.00
All Totals:									
Totals:					\$630,974.10		\$521,121.40		\$698,521.00



PS&E Comparison

ELLSWORTH
40874
X-A004(514)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.1	CLEARING AND GRUBBING (F)	A	1.10	\$3,000.00	\$3,300.00	\$16,000.00	\$17,600.00	(\$14,300.00)
201.21	REMOVING SMALL TREES	EA	5.00	\$250.00	\$1,250.00	\$475.00	\$2,375.00	(\$1,125.00)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	95.00	\$5.00	\$475.00	\$15.00	\$1,425.00	(\$950.00)
202.7	REMOVAL OF GUARDRAIL	LF	130.00	\$4.50	\$585.00	\$1.60	\$208.00	\$377.00
203.1	COMMON EXCAVATION	CY	6,030.00	\$8.00	\$48,240.00	\$10.00	\$60,300.00	(\$12,060.00)
203.2	ROCK EXCAVATION	CY	30.00	\$50.00	\$1,500.00	\$90.00	\$2,700.00	(\$1,200.00)
203.55552	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 2	U	1.00	\$1,000.00	\$1,000.00	\$850.00	\$850.00	\$150.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	640.00	\$6.00	\$3,840.00	\$5.85	\$3,744.00	\$96.00
206.1	COMMON STRUCTURE EXCAVATION	CY	790.00	\$8.00	\$6,320.00	\$18.00	\$14,220.00	(\$7,900.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$30.00	\$300.00	\$25.00	\$250.00	\$50.00
206.2	ROCK STRUCTURE EXCAVATION	CY	25.00	\$50.00	\$1,250.00	\$70.00	\$1,750.00	(\$500.00)
209.1	GRANULAR BACKFILL	CY	155.00	\$14.00	\$2,170.00	\$26.00	\$4,030.00	(\$1,860.00)
214.	FINE GRADING	U	1.00	\$6,000.00	\$6,000.00	\$13,500.00	\$13,500.00	(\$7,500.00)
214.81	SCARIFYING AND INITIAL GRADING	SY	6,550.00	\$0.90	\$5,895.00	\$4.30	\$28,165.00	(\$22,270.00)

304.201	GRAVEL	CY	875.00	\$19.50	\$17,062.50	\$42.00	\$36,750.00	(\$19,687.50)
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	820.00	\$21.00	\$17,220.00	\$30.00	\$24,600.00	(\$7,380.00)
304.35	CRUSHED GRAVEL FOR DRIVES	CY	25.00	\$25.00	\$625.00	\$56.00	\$1,400.00	(\$775.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	990.00	\$90.00	\$89,100.00	\$70.00	\$69,300.00	\$19,800.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	15.00	\$135.00	\$2,025.00	\$140.00	\$2,100.00	(\$75.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	6,575.00	\$0.70	\$4,602.50	\$1.50	\$9,862.50	(\$5,260.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	235.00	\$5.00	\$1,175.00	\$3.50	\$822.50	\$352.50
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$3,500.00
508.	STRUCTURAL FILL	CY	12.00	\$30.00	\$360.00	\$55.00	\$660.00	(\$300.00)
520.01	CONCRETE CLASS AA	CY	32.00	\$875.00	\$28,000.00	\$840.00	\$26,880.00	\$1,120.00
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F)	CY	8.00	\$875.00	\$7,000.00	\$500.00	\$4,000.00	\$3,000.00
534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	2.00	\$25.00	\$50.00	\$110.00	\$220.00	(\$170.00)
544.1	REINFORCING STEEL (ROADWAY)	LB	3,725.00	\$0.62	\$2,309.50	\$1.25	\$4,656.25	(\$2,346.75)
585.2	STONE FILL, CLASS B	CY	120.00	\$30.00	\$3,600.00	\$28.00	\$3,360.00	\$240.00
585.3	STONE FILL, CLASS C	CY	580.00	\$28.00	\$16,240.00	\$30.00	\$17,400.00	(\$1,160.00)
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	210.00	\$1.00	\$210.00	\$4.00	\$840.00	(\$630.00)
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	2,235.00	\$0.90	\$2,011.50	\$2.00	\$4,470.00	(\$2,458.50)
603.0001	VIDEO INSPECTION	LF	390.00	\$3.00	\$1,170.00	\$2.50	\$975.00	\$195.00
603.00212	12" R.C. PIPE, 2000D	LF	40.00	\$30.00	\$1,200.00	\$50.00	\$2,000.00	(\$800.00)
603.33218	18" CORR. POLYETHYLENE END SECTION	EA	6.00	\$200.00	\$1,200.00	\$150.00	\$900.00	\$300.00
603.33224	24" CORR. POLYETHYLENE END SECTION	EA	1.00	\$250.00	\$250.00	\$175.00	\$175.00	\$75.00
603.80215	15" PLASTIC PIPE (SMOOTH INTERIOR)	LF	70.00	\$9.00	\$630.00	\$30.00	\$2,100.00	(\$1,470.00)
603.80218	18" PLASTIC PIPE (SMOOTH INTERIOR)	LF	112.00	\$13.50	\$1,512.00	\$32.00	\$3,584.00	(\$2,072.00)

603.80224	24" PLASTIC PIPE (SMOOTH INTERIOR)	LF	180.00	\$20.00	\$3,600.00	\$38.00	\$6,840.00	(\$3,240.00)
603.80248	48" PLASTIC PIPE (SMOOTH INTERIOR)	LF	60.00	\$64.00	\$3,840.00	\$75.00	\$4,500.00	(\$660.00)
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	4.00	\$2,500.00	\$10,000.00	\$2,300.00	\$9,200.00	\$800.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$3,000.00	\$3,000.00	\$2,100.00	\$2,100.00	\$900.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$850.00	\$850.00	\$535.50	\$535.50	\$314.50
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	137.50	\$28.50	\$3,918.75	\$16.50	\$2,268.75	\$1,650.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	350.00	\$41.00	\$14,350.00	\$35.00	\$12,250.00	\$2,100.00
606.9522	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 2	U	2.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$0.00
615.0301	TRAFFIC SIGN TYPE C	SF	48.25	\$50.00	\$2,412.50	\$150.00	\$7,237.50	(\$4,825.00)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	5.00	\$50.00	\$250.00	\$35.00	\$175.00	\$75.00
615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$75.00	\$150.00	\$280.00	\$560.00	(\$410.00)
615.0601	TRAFFIC SIGN TYPE CC	SF	10.38	\$55.00	\$570.90	\$20.00	\$207.60	\$363.30
618.7	FLAGGERS	HR	640.00	\$34.00	\$21,760.00	\$25.00	\$16,000.00	\$5,760.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	(\$7,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	10.00	\$8.00	\$80.00	\$4.75	\$47.50	\$32.50
621.31	SINGLE DELINEATOR WITH POST	EA	100.00	\$48.00	\$4,800.00	\$35.00	\$3,500.00	\$1,300.00
621.32	DOUBLE DELINEATOR WITH POST	EA	2.00	\$55.00	\$110.00	\$50.00	\$100.00	\$10.00
622.1	STEEL WITNESS MARKERS	EA	18.00	\$40.00	\$720.00	\$30.00	\$540.00	\$180.00
645.3	EROSION STONE	TON	105.00	\$22.00	\$2,310.00	\$45.00	\$4,725.00	(\$2,415.00)
645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	8,800.00	\$1.50	\$13,200.00	\$1.80	\$15,840.00	(\$2,640.00)
645.472	TEMPORARY CHANNEL MATTING TYPE B	SY	925.00	\$1.25	\$1,156.25	\$9.00	\$8,325.00	(\$7,168.75)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,300.00	\$3.50	\$8,050.00	\$5.00	\$11,500.00	(\$3,450.00)

645.531	SILT FENCE	LF	2,100.00	\$3.00	\$6,300.00	\$3.00	\$6,300.00	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	120.00	\$65.00	\$7,800.00	\$70.00	\$8,400.00	(\$600.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	8,800.00	\$0.60	\$5,280.00	\$1.50	\$13,200.00	(\$7,920.00)
647.1	HUMUS	CY	735.00	\$21.00	\$15,435.00	\$30.00	\$22,050.00	(\$6,615.00)
670.046	CONSTRUCT AND REMOVE TEMPORARY WIDENING	U	1.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	(\$500.00)
692.	MOBILIZATION	U	1.00	\$60,000.00	\$60,000.00	\$48,000.00	\$48,000.00	\$12,000.00
698.14	FIELD OFFICE TYPE D	MON	4.00	\$1,000.00	\$4,000.00	\$1,600.00	\$6,400.00	(\$2,400.00)
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
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

Total:					\$521,121.40	\$630,974.10	(\$109,852.70)
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/7/2019

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 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 THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Susan Gilman	
	PHONE (A/C No. Ext): (603) 224-2562	FAX (A/C No): (603) 224-6012
E-MAIL ADDRESS: sgilman@rowleyagency.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Firemen's Ins Co of Wash. DC		21784
INSURER B: Acadia Insurance Company		31325
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 18/19 Cert **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	ADOL 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"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CPA001109134	05/01/2018	05/01/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000 MED EXP (Any one person) \$ 5,000 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 <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CAA001108034	05/01/2018	05/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<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			CUA001110934	05/01/2018	05/01/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WPA001106034 3A States: NH	05/01/2018	05/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented Equipment			CMA0018376023	5/1/2018	5/1/2019	\$300,000 Limit of Liability

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Project #: 40874, X-A004(514) - Improve Stinson Lake road in the Town of Ellsworth, NH withing the WADNP, from Rumney to trailhead. State of NH DOT is an additional insured on all liability policies except workers compensation, when required by written contract.

CERTIFICATE HOLDER State of NH DOT PO Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Susan Gilman/SJG <i>Susan Gilman</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/7/2019

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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 THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Danielle Rice PHONE (AC, No, Ext): (603) 224-2562 E-MAIL ADDRESS: drice@rowleyagency.com FAX (AC, No): (603) 224-8812
	INSURER(S) AFFORDING COVERAGE INSURER A: Acadia Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** 19-20 OCP State of NH DOT **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	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors <input type="checkbox"/> Protective Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			OCF03272019	3/27/2019	3/27/2020	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 - COM/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Project #: 40874, X-A004(514) - Improve Stinson Lake road in the Town of Ellsworth, NH withing the WDNF, from Rumney to trailhead.

CERTIFICATE HOLDER State of NH DOT PO Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Danielle Rice/DJR 
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