



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
April 4, 2022

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Busby Construction Co., Inc. (Vendor 155275) of Atkinson, NH, on the basis of a single bid of \$658,775.00 for Turnpike drainage rehabilitation in Dover and Merrimack along the Turnpike System (Turnpike Drainage Rehabilitation, Project No: 40042), from the date of Governor and Council approval through September 30, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available in State Fiscal Year 2022 as follows:

Funding is available as follows:	<u>FY 2022</u>
04-96-96-961017-7025	
Turnpike Renewal & Replacement	
400-500870 Highway Contract Payments	\$658,775.00

2. Further authorize that a contingency in the amount of \$32,938.75 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 2022</u>
04-96-96-961017-7025	
Turnpike Renewal & Replacement	
400-500870 Highway Contract Payments	\$32,938.75

EXPLANATION

This project is included in the State's Ten-Year Transportation Improvement Plan, under the Turnpike Renewal and Replacement Program (TPK-R&R). This project has two primary locations; one is off the Spaulding Turnpike at the Exit 9 off-ramp and Indian Brook Drive in Dover, the other is at the intersection of Greeley St and US Route 3 in Merrimack. There are also multiple catch basin rehabilitations along the Spaulding Turnpike NB between MM 0 and MM 9.8.

The project improvements in Dover include cleaning out two culverts; one is part of a closed drainage system, and one is a cross culvert. Outlet basins will be constructed at each culvert that enable debris to collect and be regularly cleaned. The work also includes the addition of a new manhole along one of the runs to allow for future maintenance. The improvements in Merrimack include replacing and rehabbing multiple culverts and basins along a closed drainage system in the intersection. Minor changes will be made

to the system to provide better hydraulics for the system. The catch basins along the Spaulding Turnpike will either be replaced or repaired with centrifugal cast concrete liner.

The purpose of this project is to rehabilitate and replace culverts, outlets, and basins of existing drainage systems. Both locations have safety concerns caused by overflow which the project will address. Dover location has experienced flooding at the Exit 9 off-ramp and icing issues during winter.

The proposed contingency amount is 5% of the contract amount. This is to account for unforeseen issues during construction due to the nature of this project.

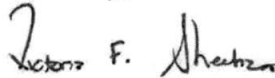
Although the bid costs exceeded the Department's estimate by 22.32%, the sole bid received is felt to be reasonable for the work involved. There were two items of significance (mobilization & pipe clean out and debris removal) that accounted for 33% of the overage. Re-advertising this project would result, 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: 100% Turnpike Renewal and Replacement 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/pcj

Department Estimate:	\$538,562.00
Contract Amount:	<u>\$658,775.00</u>
Over Estimate:	\$120,213.00
Attachments	



ABC Bid Data

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

PROJECT: TURNPIKE DRAINAGE REHABILITATION
STATE PROJECT NUMBER: 40042
FED. PROJECT NUMBER: NON-FEDERAL
DATE BIDS OPEN: March 17, 2022, 2:00
SCOPE OF WORK: Turnpike Drainage Rehabilitation along Eastern and Central Turnpike facilities
COMPLETION DATE: September 30, 2022
LOCATION: Merrimack, Hillsborough, Rockingham, Strafford

Awarded To: BUSBY CONSTRUCTION CO.,
INC.
71 ROUTE 111
ATKINSON, NH 03811

Amount: \$658,775.00

Award Date:

Certified by: PETER.E.STAMNAS
Director of Project Development

Summary of Bidders

Contractor	Bid Amount	Rank
BUSBY CONSTRUCTION CO., INC. 71 ROUTE 111, ATKINSON NH 03811	\$658,775.00	A

Item No.	Description	Unit	Quantity	PS&E		BUSBY CONSTRUCTION CO., INC. 71 ROUTE 111 ATKINSON, NH 03811		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	90.00	\$7.50	\$675.00	\$10.00	\$900.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	180.00	\$7.50	\$1,350.00	\$10.00	\$1,800.00		
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	45.00	\$30.00	\$1,350.00	\$26.00	\$1,170.00		
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$450.00	\$450.00	\$600.00	\$600.00		
203.1	COMMON EXCAVATION	CY	20.00	\$70.00	\$1,400.00	\$40.00	\$800.00		
203.11	COMMON EXCAVATION - LRS	CY	4.00	\$50.00	\$200.00	\$40.00	\$160.00		
203.4	MUCK EXCAVATION	CY	160.00	\$50.00	\$8,000.00	\$50.00	\$8,000.00		
203.601	EMBANKMENT-IN-PLACE	CY	4.00	\$75.00	\$300.00	\$55.00	\$220.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	35.00	\$200.00	\$7,000.00	\$40.00	\$1,400.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$75.00	\$750.00	\$100.00	\$1,000.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	5.50	\$200.00	\$1,100.00	\$120.00	\$660.00		
209.1	GRANULAR BACKFILL	CY	10.00	\$50.00	\$500.00	\$100.00	\$1,000.00		
304.401	CRUSHED STONE (FINE GRADATION)	CY	5.00	\$100.00	\$500.00	\$150.00	\$750.00		
403.12	HBP-HAND METHOD	TON	65.00	\$150.00	\$9,750.00	\$250.00	\$16,250.00		
403.16	PAVEMENT JOINT ADHESIVE	LF	540.00	\$2.50	\$1,350.00	\$3.00	\$1,620.00		
403.19	HBP-TEMPORARY	TON	35.00	\$110.00	\$3,850.00	\$300.00	\$10,500.00		
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$20,000.00	\$20,000.00	\$30,000.00	\$30,000.00		
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$18,000.00	\$18,000.00	\$17,000.00	\$17,000.00		
520.1	CONCRETE CLASS A	CY	4.50	\$1,125.00	\$5,062.50	\$3,800.00	\$17,100.00		
544.1	REINFORCING STEEL (ROADWAY)	LB	100.00	\$1.75	\$175.00	\$5.00	\$500.00		
583.1	RIPRAP, CLASS I	CY	55.00	\$37.00	\$2,035.00	\$72.00	\$3,960.00		
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	190.00	\$3.50	\$665.00	\$7.00	\$1,330.00		
602.41348	CENTRIFUGALLY CAST CONCRETE LINER FOR 48" CATCH BASIN	VF	32.00	\$1,000.00	\$32,000.00	\$600.00	\$19,200.00		
602.63515	UV CURED-IN-PLACE LINER FOR 15" PIPE	LF	100.00	\$350.00	\$35,000.00	\$300.00	\$30,000.00		

ABC Bid Data

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E		BUSBY CONSTRUCTION CO., INC. 71 ROUTE 111 ATKINSON, NH 03811		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	60.00	\$400.00	\$24,000.00	\$350.00	\$21,000.00		
603.0001	VIDEO INSPECTION	LF	1,000.00	\$4.00	\$4,000.00	\$5.50	\$5,500.00		
603.00215	15" R.C. PIPE, 2000D	LF	25.00	\$200.00	\$5,000.00	\$155.00	\$3,875.00		
603.00324	24" R.C. PIPE, 3000D	LF	20.00	\$200.00	\$4,000.00	\$355.00	\$7,100.00		
603.37018	18" IMPROVED INLET END SECTION	EA	2.00	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00		
603.82218	18" PE PIPE (TYPE S)	LF	60.00	\$95.00	\$5,700.00	\$250.00	\$15,000.00		
604.0007	POLYETHYLENE LINER	EA	7.00	\$225.00	\$1,575.00	\$200.00	\$1,400.00		
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	2.20	\$2,600.00	\$5,720.00	\$4,700.00	\$10,340.00		
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	3.00	\$2,770.00	\$8,310.00	\$5,400.00	\$16,200.00		
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.60	\$3,000.00	\$7,800.00	\$5,200.00	\$13,520.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	6.00	\$500.00	\$3,000.00	\$680.00	\$4,080.00		
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2.00	\$500.00	\$1,000.00	\$680.00	\$1,360.00		
604.72	GRATES & FRAMES, TYPE B	EA	2.00	\$560.00	\$1,120.00	\$1,100.00	\$2,200.00		
604.75	GRATES & FRAMES, TYPE E	EA	4.00	\$850.00	\$3,400.00	\$1,400.00	\$5,600.00		
608.2401	4" CONCRETE SIDEWALK	SY	25.00	\$90.00	\$2,250.00	\$115.00	\$2,875.00		
608.2801	8" CONCRETE SIDEWALK	SY	25.00	\$125.00	\$3,125.00	\$150.00	\$3,750.00		
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	1.50	\$500.00	\$750.00	\$510.00	\$765.00		
609.01	STRAIGHT GRANITE CURB	LF	55.00	\$42.00	\$2,310.00	\$40.00	\$2,200.00		
609.5	RESET GRANITE CURB	LF	75.00	\$33.06	\$2,479.50	\$34.00	\$2,550.00		
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	1.00	\$600.00	\$600.00	\$2,000.00	\$2,000.00		
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	2.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00		
618.7	FLAGGERS	HR	160.00	\$34.00	\$5,440.00	\$40.00	\$6,400.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$30,000.00	\$30,000.00	\$41,000.00	\$41,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,100.00	\$12,400.00	\$1,550.00	\$6,200.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00		

ABC Bid Data

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	PS&E		BUSBY CONSTRUCTION CO., INC. 71 ROUTE 111 ATKINSON, NH 03811		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
622.1	STEEL WITNESS MARKERS	EA	9.00	\$40.00	\$360.00	\$200.00	\$1,800.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	350.00	\$4.00	\$1,400.00	\$3.00	\$1,050.00		
645.531	SILT FENCE	LF	1,300.00	\$3.25	\$4,225.00	\$3.00	\$3,900.00		
645.611	BONDED FIBER MATRIX (BFM)	LB	1,300.00	\$2.25	\$2,925.00	\$2.00	\$2,600.00		
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$1,500.00	\$1,500.00	\$5,700.00	\$5,700.00		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$72.50	\$7,250.00	\$115.00	\$11,500.00		
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	.40	\$2,400.00	\$960.00	\$5,100.00	\$2,040.00		
647.1	HUMUS	CY	150.00	\$32.00	\$4,800.00	\$35.00	\$5,250.00		
670.0481	CONSTRUCTION ACCESS ROAD, LEFT IN PLACE	U	1.00	\$23,000.00	\$23,000.00	\$37,200.00	\$37,200.00		
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$4,000.00	\$8,000.00	\$2,800.00	\$5,600.00		
670.313	PIPE CLEAN OUT AND DEBRIS REMOVAL	U	2.00	\$12,000.00	\$24,000.00	\$20,000.00	\$40,000.00		
692.	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00	\$88,000.00	\$88,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,500.00	\$1,500.00	\$2,800.00	\$2,800.00		
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,200.00	\$4,200.00	\$4,500.00	\$4,500.00		
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00		
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		

Totals: **\$538,562.00** **\$658,775.00**

Alt. Totals:

Totals: **\$538,562.00** **\$658,775.00**



PS&E Comparison

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
Items								
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	90.00	\$10.00	\$900.00	\$7.50	\$675.00	\$225.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	180.00	\$10.00	\$1,800.00	\$7.50	\$1,350.00	\$450.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	45.00	\$26.00	\$1,170.00	\$30.00	\$1,350.00	(\$180.00)
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$600.00	\$600.00	\$450.00	\$450.00	\$150.00
203.1	COMMON EXCAVATION	CY	20.00	\$40.00	\$800.00	\$70.00	\$1,400.00	(\$600.00)
203.11	COMMON EXCAVATION - LRS	CY	4.00	\$40.00	\$160.00	\$50.00	\$200.00	(\$40.00)
203.4	MUCK EXCAVATION	CY	160.00	\$50.00	\$8,000.00	\$50.00	\$8,000.00	\$0.00
203.601	EMBANKMENT-IN-PLACE	CY	4.00	\$55.00	\$220.00	\$75.00	\$300.00	(\$80.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	35.00	\$40.00	\$1,400.00	\$200.00	\$7,000.00	(\$5,600.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$100.00	\$1,000.00	\$75.00	\$750.00	\$250.00
206.2	ROCK STRUCTURE EXCAVATION	CY	5.50	\$120.00	\$660.00	\$200.00	\$1,100.00	(\$440.00)
209.1	GRANULAR BACKFILL	CY	10.00	\$100.00	\$1,000.00	\$50.00	\$500.00	\$500.00
304.401	CRUSHED STONE (FINE GRADATION)	CY	5.00	\$150.00	\$750.00	\$100.00	\$500.00	\$250.00
403.12	HBP-HAND METHOD	TON	65.00	\$250.00	\$16,250.00	\$150.00	\$9,750.00	\$6,500.00



PS&E Comparison

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
403.16	PAVEMENT JOINT ADHESIVE	LF	540.00	\$3.00	\$1,620.00	\$2.50	\$1,350.00	\$270.00
403.19	HBP-TEMPORARY	TON	35.00	\$300.00	\$10,500.00	\$110.00	\$3,850.00	\$6,650.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$10,000.00
503.103	WATER DIVERSION STRUCTURE	U	1.00	\$17,000.00	\$17,000.00	\$18,000.00	\$18,000.00	(\$1,000.00)
520.1	CONCRETE CLASS A	CY	4.50	\$3,800.00	\$17,100.00	\$1,125.00	\$5,062.50	\$12,037.50
544.1	REINFORCING STEEL (ROADWAY)	LB	100.00	\$5.00	\$500.00	\$1.75	\$175.00	\$325.00
583.1	RIPRAP, CLASS I	CY	55.00	\$72.00	\$3,960.00	\$37.00	\$2,035.00	\$1,925.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	190.00	\$7.00	\$1,330.00	\$3.50	\$665.00	\$665.00
602.41348	CENTRIFUGALLY CAST CONCRETE LINER FOR 48" CATCH BASIN	VF	32.00	\$600.00	\$19,200.00	\$1,000.00	\$32,000.00	(\$12,800.00)
602.63515	UV CURED-IN-PLACE LINER FOR 15" PIPE	LF	100.00	\$300.00	\$30,000.00	\$350.00	\$35,000.00	(\$5,000.00)
602.63524	UV CURED-IN-PLACE LINER FOR 24" PIPE	LF	60.00	\$350.00	\$21,000.00	\$400.00	\$24,000.00	(\$3,000.00)
603.0001	VIDEO INSPECTION	LF	1,000.00	\$5.50	\$5,500.00	\$4.00	\$4,000.00	\$1,500.00
603.00215	15" R.C. PIPE, 2000D	LF	25.00	\$155.00	\$3,875.00	\$200.00	\$5,000.00	(\$1,125.00)
603.00324	24" R.C. PIPE, 3000D	LF	20.00	\$355.00	\$7,100.00	\$200.00	\$4,000.00	\$3,100.00
603.37018	18" IMPROVED INLET END SECTION	EA	2.00	\$3,000.00	\$6,000.00	\$5,000.00	\$10,000.00	(\$4,000.00)
603.82218	18" PE PIPE (TYPE S)	LF	60.00	\$250.00	\$15,000.00	\$95.00	\$5,700.00	\$9,300.00
604.0007	POLYETHYLENE LINER	EA	7.00	\$200.00	\$1,400.00	\$225.00	\$1,575.00	(\$175.00)

PS&E Comparison

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	2.20	\$4,700.00	\$10,340.00	\$2,600.00	\$5,720.00	\$4,620.00
604.154	CATCH BASINS TYPE E, 4-FOOT DIAMETER	U	3.00	\$5,400.00	\$16,200.00	\$2,770.00	\$8,310.00	\$7,890.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	2.60	\$5,200.00	\$13,520.00	\$3,000.00	\$7,800.00	\$5,720.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	6.00	\$680.00	\$4,080.00	\$500.00	\$3,000.00	\$1,080.00
604.5	RECONSTRUCTING/ADJUSTING MANHOLES	LF	2.00	\$680.00	\$1,360.00	\$500.00	\$1,000.00	\$360.00
604.72	GRATES & FRAMES, TYPE B	EA	2.00	\$1,100.00	\$2,200.00	\$560.00	\$1,120.00	\$1,080.00
604.75	GRATES & FRAMES, TYPE E	EA	4.00	\$1,400.00	\$5,600.00	\$850.00	\$3,400.00	\$2,200.00
608.2401	4" CONCRETE SIDEWALK	SY	25.00	\$115.00	\$2,875.00	\$90.00	\$2,250.00	\$625.00
608.2801	8" CONCRETE SIDEWALK	SY	25.00	\$150.00	\$3,750.00	\$125.00	\$3,125.00	\$625.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	1.50	\$510.00	\$765.00	\$500.00	\$750.00	\$15.00
609.01	STRAIGHT GRANITE CURB	LF	55.00	\$40.00	\$2,200.00	\$42.00	\$2,310.00	(\$110.00)
609.5	RESET GRANITE CURB	LF	75.00	\$34.00	\$2,550.00	\$33.06	\$2,479.50	\$70.50
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	1.00	\$2,000.00	\$2,000.00	\$600.00	\$600.00	\$1,400.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	2.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$1,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
618.7	FLAGGERS	HR	160.00	\$40.00	\$6,400.00	\$34.00	\$5,440.00	\$960.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$41,000.00	\$41,000.00	\$30,000.00	\$30,000.00	\$11,000.00



PS&E Comparison

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$1,550.00	\$6,200.00	\$3,100.00	\$12,400.00	(\$6,200.00)
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,000.00
622.1	STEEL WITNESS MARKERS	EA	9.00	\$200.00	\$1,800.00	\$40.00	\$360.00	\$1,440.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	350.00	\$3.00	\$1,050.00	\$4.00	\$1,400.00	(\$350.00)
645.531	SILT FENCE	LF	1,300.00	\$3.00	\$3,900.00	\$3.25	\$4,225.00	(\$325.00)
645.611	BONDED FIBER MATRIX (BFM)	LB	1,300.00	\$2.00	\$2,600.00	\$2.25	\$2,925.00	(\$325.00)
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$5,700.00	\$5,700.00	\$1,500.00	\$1,500.00	\$4,200.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	100.00	\$115.00	\$11,500.00	\$72.50	\$7,250.00	\$4,250.00
646.3	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	A	.40	\$5,100.00	\$2,040.00	\$2,400.00	\$960.00	\$1,080.00
647.1	HUMUS	CY	150.00	\$35.00	\$5,250.00	\$32.00	\$4,800.00	\$450.00
670.0481	CONSTRUCTION ACCESS ROAD, LEFT IN PLACE	U	1.00	\$37,200.00	\$37,200.00	\$23,000.00	\$23,000.00	\$14,200.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$2,800.00	\$5,600.00	\$4,000.00	\$8,000.00	(\$2,400.00)
670.313	PIPE CLEAN OUT AND DEBRIS REMOVAL	U	2.00	\$20,000.00	\$40,000.00	\$12,000.00	\$24,000.00	\$16,000.00
692.	MOBILIZATION	U	1.00	\$88,000.00	\$88,000.00	\$65,000.00	\$65,000.00	\$23,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$2,800.00	\$2,800.00	\$1,500.00	\$1,500.00	\$1,300.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,500.00	\$4,500.00	\$4,200.00	\$4,200.00	\$300.00



PS&E Comparison

TURNPIKE DRAINAGE REHABILITATION

40042

NON-FEDERAL

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	2,000.00	\$1.00	\$2,000.00	\$1.00	\$2,000.00	\$0.00
1008.11	ALTERATIONS AND ADDITIONS AS NEEDED - UNANTICIPATED WORK	\$	45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
Total:					\$658,775.00		\$538,562.00	\$120,213.00

February 22, 2022

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project has two primary locations; one is off the Spaulding Turnpike at the Exit 9 off-ramp and Indian Brook Drive in Dover, the other is at the intersection of Greeley St and US Route 3 in Merrimack. There are also multiple catch basin rehabilitations along the Spaulding Turnpike NB between MM 0 and MM 9.8.

The project improvements in Dover include cleaning out two culverts; one is part of a closed drainage system, and one is a cross culvert. Outlet basins will be constructed at each culvert that enable debris to collect and be regularly cleaned. The work also includes the addition of a new manhole along one of the runs to allow for future maintenance. The improvements in Merrimack include replacing and rehabbing multiple culverts and basins along a closed drainage system in the intersection. Minor changes will be made to the system to provide better hydraulics for the system. The catch basins along the Spaulding Turnpike will either be replaced or repaired with centrifugal cast concrete liner.

FEDERAL FUNDING: 0% (100% Turnpike Replacement and Renewal Funds)

CONTINGENCY: The proposed contingency amount is 5% of the contract amount for unforeseen issues during construction due to the nature of this project.

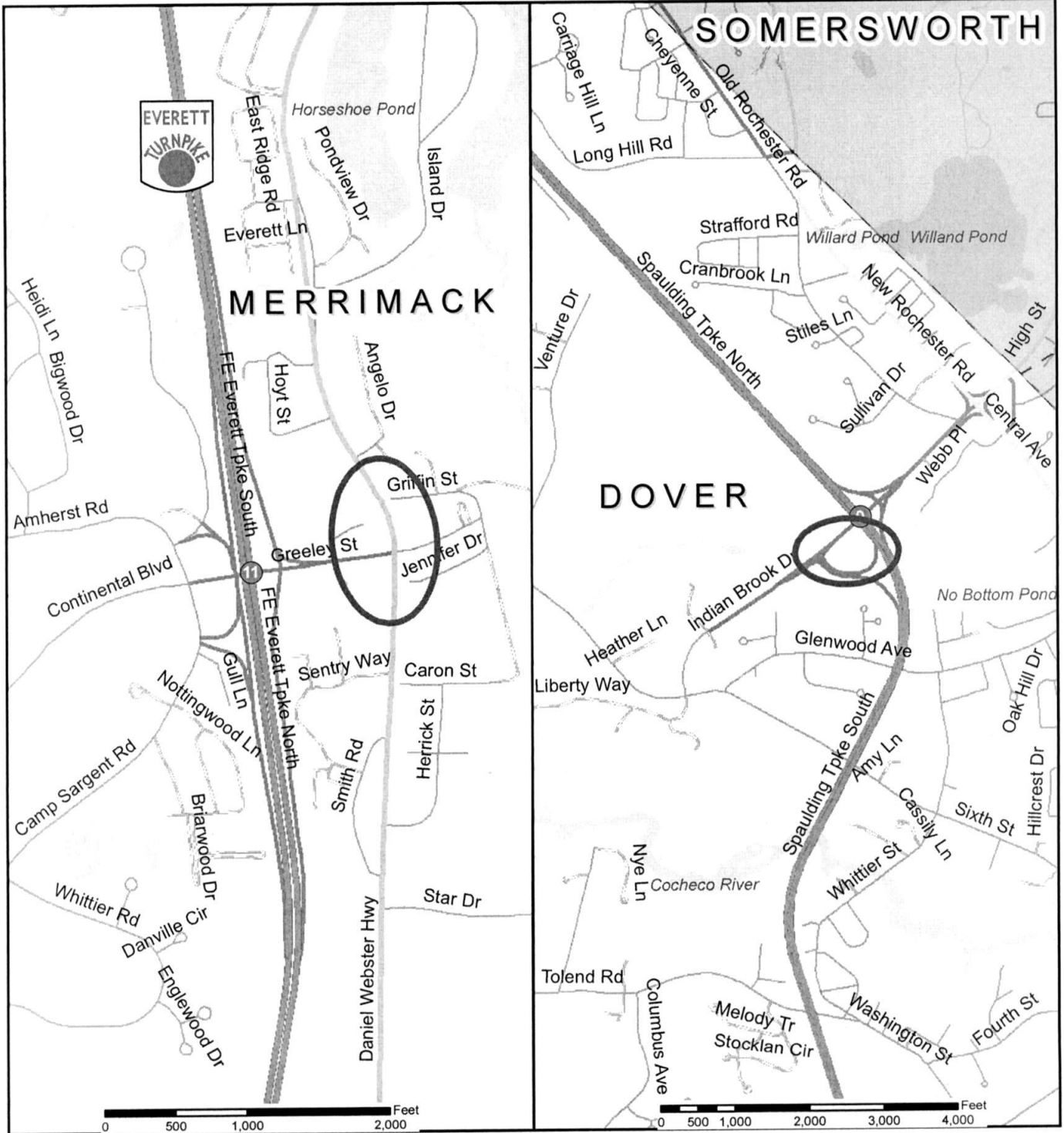
PROJECT INITIATED: This project was initiated through the drainage preservation program under the "R&R Program"

PROJECT EXPLANATION: The purpose of this project is to rehabilitate and replace culverts, outlets, and basins of existing drainage systems. Both locations have safety concerns caused by overflow which the project will address. Dover location has experienced flooding at the Exit 9 off-ramp and icing issues during winter.

TRAFFIC IMPLICATION: In Dover the work will primarily be out of the travel way with only minimal disruption to the shoulder of Indian Brook Drive for construction to access the outlets. In Merrimack, lane closures will be needed at the intersection with the use of night work; police officers, and/or flaggers will be utilized to control the signalized intersection. Traffic will be returned to normal patterns each day. The catch basin locations along Spaulding Turnpike will require short term shoulder closures.

FINAL COMPLETION DATE: September 30, 2022.

TURNPIKE DRAINAGE REHABILITATION- 40042



LEGEND

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



State #: 40042
Federal #: N/A

LOCATION MAP



State of New Hampshire

Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that BUSBY CONSTRUCTION CO., INC. is a New Hampshire Profit Corporation registered to transact business in New Hampshire on August 02, 1979. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 5783

Certificate Number: 0005744794



IN TESTIMONY WHEREOF,
I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 1st day of April A.D. 2022.

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

William M. Gardner
Secretary of State

CERTIFICATE OF VOTE

I, Virginia A. Busby Hereby certify that I am duly elected
Secretary/Treasurer of Busby Construction Co., Inc.

I hereby certify the following is a true copy of a vote taken at a meeting
of the Board of Directors of the Corporation, duly called and held
on April 4, 2022, at which a quorum of the Board was present
and voting.

VOTED: That Paul D. Busby is duly authorized
to enter into a specific contract namely TURNPIKE DRAINAGE
REHABILITATION #40042
With State of New Hampshire, Dept. of Transportation, and further authorized to
execute any documents which may in his judgment be desirable or necessary to effect
the purpose of this vote.

I hereby certify that said vote has not been amended or repealed and remains
in full force and effect as of April 4, 2022, and that
Paul D. Busby is duly elected President of this
Corporation.

DATED: April 4, 2022

ATTEST: Virginia A. Busby (Affix Corp. Seal)
Virginia A. Busby, Secretary/Treasurer



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/4/2022

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

INSURED
Busby Construction Co., Inc.
71 Route 111
Atkinson NH 03811

CONTACT NAME: Donna Bickford
PHONE (A/C No. Ext): (603) 224-2562 FAX (A/C, No): (603) 224-8012
E-MAIL ADDRESS: dbickford@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: Charter Oak Fire Ins Co	25615
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	ADDD 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 checked="" type="checkbox"/> LOC OTHER:			CPA150089431	6/7/2021	6/7/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea 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	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			CAA150089531	6/7/2021	6/7/2022	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			CUA150089631	6/7/2021	6/7/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE Products/Completed Ops Aggr \$ 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	N/A	WPA150089733 3A STATES: MA ME NH NO EXCLUDED OFFICERS	6/7/2021	6/7/2022	<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
C	LEASED/RENTED EQUIPMENT			QT6602H552036COP21	6/7/2021	6/7/2022	LIMIT: 1,200,000 DEDUCTIBLE: \$1,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Turnpike Drainage Rehab 40042
The State of New Hampshire, Dept. of Transportation is included as an additional insured on all liability policies except workers comp when required by written contract with the named insured.

CERTIFICATE HOLDER CANCELLATION

State of NH DOT
PO Box 483
Concord, NH 03302-0483

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
Donna Bickford/DTB



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/4/2022

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 THE ROWLEY AGENCY INC. 45 Constitution Avenue P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Donna Bickford	
	PHONE (A/C, No, Ext): (603) 224-2562	FAX (A/C, No): (603) 224-8012
E-MAIL ADDRESS: dbickford@rowleyagency.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Acadia Insurance Company		31325
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 2022 OCP/NHDOT #40042 **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 type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors Protec			OCPB2231814949	4/20/2022	4/20/2023	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 \$ OTHER \$
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						
	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) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> 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)
 Job: #40042/ Turnpike Drainage Rehabilitation along Eastern and Central Turnpike facilities

CERTIFICATE HOLDER State of NH-Department of Transportation 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 Donna Bickford/DTB 