



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



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CHRISTOPHER D. CLEMENT, SR.  
COMMISSIONER

JEFF BRILLHART, P.E.  
ASSISTANT COMMISSIONER

Bureau of Construction  
March 31, 2014

Her Excellency, Governor Margaret Wood Hassan  
and the Honorable Council  
State House  
Concord, New Hampshire 03301

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with Continental Paving, Inc. (Vendor 155350) of Londonderry, NH, on the basis of a low bid of \$3,515,960.50 for 6.6 miles of pavement rehabilitation and roadway repairs on NH Route 115 in Carroll and Jefferson, from the date of Governor and Council approval through September 26, 2014 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows: FY 2014  
04-96-96-963515-3054  
Consolidated Federal Aid  
400-500870 Highway Contract Payments \$3,515,960.50

2. Further authorize that a contingency in the amount of \$175,798.03 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: FY 2014  
04-96-96-963515-3054  
Consolidated Federal Aid  
400-500870 Highway Contract Payments \$175,798.03

**EXPLANATION**

This project is part of the annual Federal Resurfacing Program. The work involves a 1 ½ inch pavement overlay with some designated distressed areas receiving a 2 inch spot inlay. The work will also involve pavement rehabilitation at the scenic overlook, drainage repair and replacement as needed and guardrail replacement. The purpose of this project is to rehabilitate the highway's structural section and extend the facilities service life by removing distressed portions of the pavement and increasing its thickness to prevent further deterioration, maintain the structural integrity of the road by rehabilitating deteriorated drainage systems, and replace guardrail to meet current safety standards. This section of NH 115 was construction in 1989, and received a 1" overlay in 2003. A half mile section of the southbound lane was rehabilitated with 1" inlay in 2006.

The contingency amount is proposed to be 5% of the contract amount. This is a one season contract, with fixed limits, being constructed during a time of fluctuating fuel prices. Adjusting limits to offset quantity overruns is not practical, and potential fuel and asphalt adjustments need to be considered.

Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved. These bids were competitive and readvertising 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. 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 funds with 20% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Sincerely,



Christopher D. Clement, Sr.  
Commissioner

CDC/md

Department Estimate: \$3,437,934.75  
Contract Amount: \$3,515,960.50  
Over Estimate: \$ 78,025.75

Attachments

February 5, 2014

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project is part of the Federal Resurfacing program and involves 6.6 miles of roadway repair on NH Route 115 in Carroll and Jefferson. Work begins on NH Route 115 at the intersection of US Route 3 in Carroll and continues north 6.6 miles, ending just north of the intersection of NH Route 115A in Jefferson. There are no bridges within the project limits.

Pavement work involves a full-width 1½" thick asphalt rubber gap graded (ARGG) overlay. Designated distressed areas will receive a 2" depth spot inlay prior to the full-width overlay. Other areas may require a leveling course prior to the overlay.

Work at the Otto Oleson Scenic Overview Area involves removing and replacing the existing pavement, and replacing/resetting the granite curb. Other project work includes guardrail replacement, slope stabilization, and bituminous curb replacement. Additionally all catch basins and drop inlets within the pavement limits will be reconstructed or replaced as needed with new frames and grates installed at all structures. Further drainage work includes the replacement of 16 slope drain pipes and their drop inlets, replacement of a 24 inch metal cross pipe, replacement of a 42 inch reinforced concrete pipe, and replacement of two runs of 6" underdrain. All drainage work is covered under the 5 day maintenance permit and all work shall be performed within the existing drainage or slope easements and Right-of-Way.

**FEDERAL FUNDING:** 80% (Federal Resurfacing) with anticipated utilization of Turnpike Toll Credits for the State's 20% match.

**CONTINGENCY:** The proposed contingency amount is 5% of the contract amount. This is a one season contract, with fixed limits, being constructed during a time of fluctuating fuel prices. Adjusting limits to offset quantity overruns is not practical, and potential fuel and asphalt adjustments need to be considered.

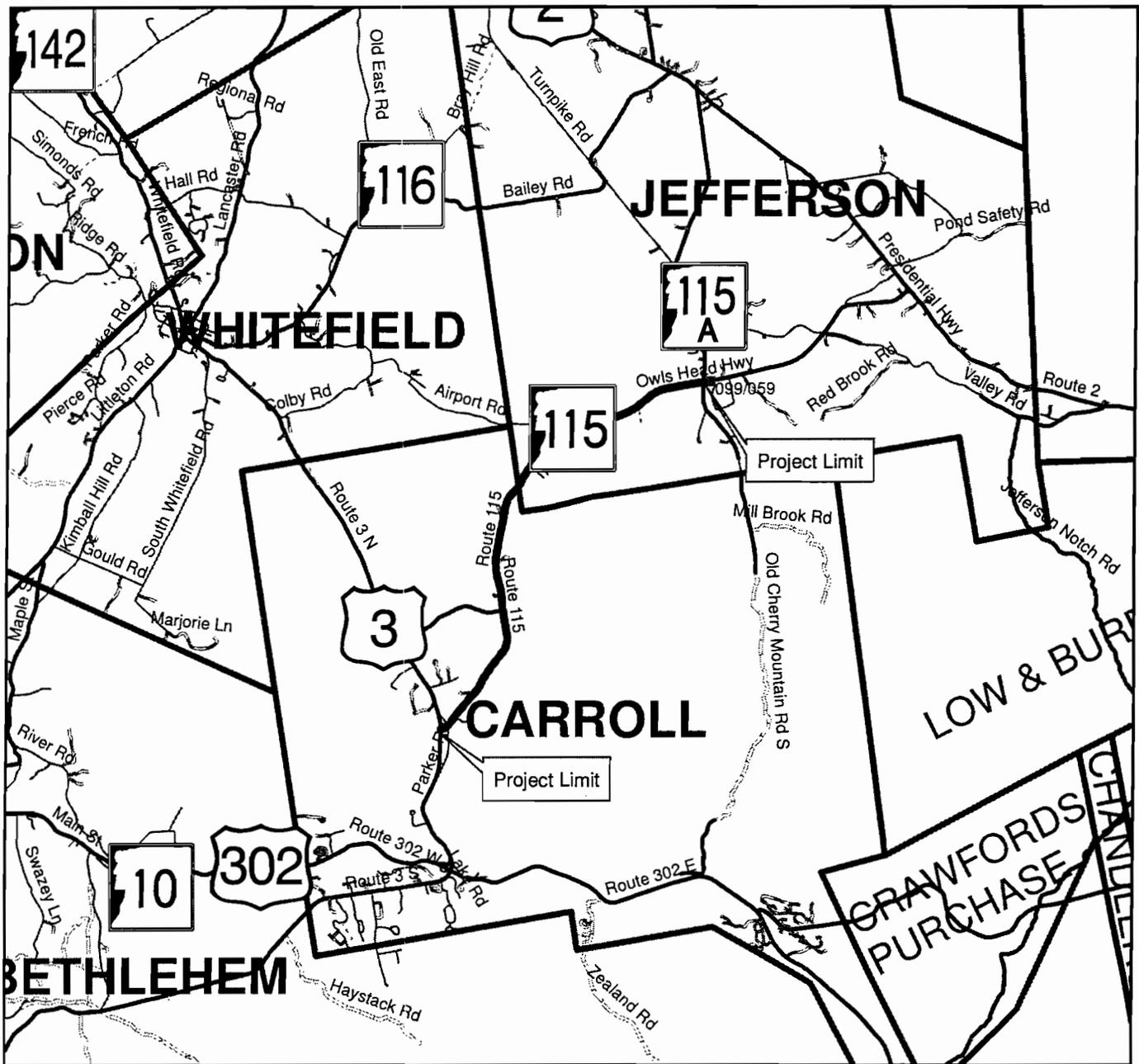
**PROJECT INITIATED:** This project was initiated through the Federal Resurfacing Program.

**PROJECT EXPLANATION:** The purpose of this project is to rehabilitate the highway's structural section by removing distressed portions of the pavement and increasing its thickness to prevent further deterioration, maintain the structural integrity of the road by rehabilitating deteriorated drainage systems, and replace guardrail to meet current safety standards. This section of NH 115 was constructed in 1989, and received a 1" overlay in 2003. A half mile section of the southbound lane was rehabilitated with a 1" inlay in 2006.

**TRAFFIC IMPLICATION:** Two-way traffic will be maintained during non-work hours. Lane closures involving alternating one-way traffic will only be allowed during daytime work operations per the TCP.

**FINAL COMPLETION DATE:** September 26, 2014

# CARROLL - JEFFERSON 25066 LOCATION MAP

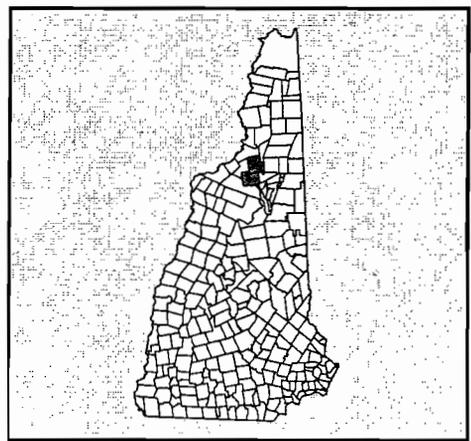


**Legend**

- Towns
- Project 25066
- Bridge 099/059
- Unknown
- State Roads
- Federal Roads
- Recreation Roads
- Local Roads
- Not Maintained (Class 6)
- Private Roads



**Carroll - Jefferson  
25066**



**State of New Hampshire  
Department of Transportation**

25066.01

**Project:** CARROLL - JEFFERSON  
X-A003(023) 25066

**County and Code:** COOS COUNTY 007

**Date Bids Open:** March 20, 2014

**Scope of Work:** ROADWAY IMPROVEMENTS

**Location:** NH ROUTE 115 IN CARROLL AND JEFFERSON

**Completion Date:** September 26, 2014

A CONTINENTAL PAVING INC.

ONE CONTINENTAL DRIVE, LONDONDERRY, NH 03053

\$3,515,960.50

B PIKE INDUSTRIES, INC.

3 EASTGATE PARK RD BELMONT, NH 03220

\$3,719,225.50

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	10.00	\$12.00	\$120.00	\$1.50	\$15.00		
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	350.00	\$8.00	\$2,800.00	\$2.00	\$700.00		
202.7	REMOVAL OF GUARDRAIL	LF	14,550.00	\$0.50	\$7,275.00	\$0.50	\$7,275.00		
203.1	COMMON EXCAVATION	CY	600.00	\$15.50	\$9,300.00	\$12.00	\$7,200.00		
203.55542	GUARDRAIL 50' EAGRT OFFSET PLATFORM ALTERNATE	U	32.00	\$800.00	\$25,600.00	\$711.00	\$22,752.00		
203.55552	GUARDRAIL 25' EAGRT OFFSET PLATFORM ALTERNATE	U	8.00	\$800.00	\$6,400.00	\$550.00	\$4,400.00		
203.6	EMBANKMENT-IN-PLACE (F)	CY	190.00	\$13.00	\$2,470.00	\$11.00	\$2,090.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	180.00	\$19.50	\$3,510.00	\$20.00	\$3,600.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$28.50	\$285.00	\$46.00	\$460.00		
214	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00		
304.101	SAND	CY	40.00	\$30.00	\$1,200.00	\$18.00	\$720.00		
304.201	GRAVEL	CY	60.00	\$35.00	\$2,100.00	\$37.00	\$2,220.00		
304.301	CRUSHED GRAVEL	CY	220.00	\$35.00	\$7,700.00	\$39.00	\$8,580.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,750.00	\$5.00	\$8,750.00	\$18.00	\$31,500.00		
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	7,550.00	\$70.94	\$535,597.00	\$78.00	\$588,900.00		
403.11201	HOT BIT. PAVE. - ASPHALT RUBBER GAP GRADED (HBP- ARGG) (QC/QA TIER 1)	TON	14,450.00	\$102.70	\$1,484,015.00	\$111.50	\$1,611,175.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	650.00	\$110.00	\$71,500.00	\$145.00	\$94,250.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	22,000.00	\$1.25	\$27,500.00	\$2.00	\$44,000.00		

Item No:	Description	A				B			
		Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
403.6	PAVEMENT JOINT ADHESIVE	LF	180,800.00	\$0.21	\$37,968.00	\$0.21	\$37,968.00	\$0.21	\$37,968.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	1,000.00	\$78.50	\$78,500.00	\$95.00	\$95,000.00	\$95.00	\$95,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	67,850.00	\$1.25	\$84,812.50	\$1.00	\$67,850.00	\$1.00	\$67,850.00
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$7,150.00	\$7,150.00	\$1,890.00	\$1,890.00	\$1,890.00	\$1,890.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$5,650.00	\$5,650.00	\$2,830.00	\$2,830.00	\$2,830.00	\$2,830.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	12.00	\$880.00	\$10,560.00	\$1,000.00	\$12,000.00	\$1,000.00	\$12,000.00
544.1	REINFORCING STEEL (ROADWAY)	LB	155.00	\$3.00	\$465.00	\$2.00	\$310.00	\$2.00	\$310.00
585.3	STONE FILL, CLASS C	CY	510.00	\$39.50	\$20,145.00	\$34.00	\$17,340.00	\$34.00	\$17,340.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,500.00	\$2.00	\$3,000.00	\$0.90	\$1,350.00	\$0.90	\$1,350.00
603.0001	VIDEO INSPECTION	LF	630.00	\$2.00	\$1,260.00	\$2.00	\$1,260.00	\$2.00	\$1,260.00
603.34112	12" STEEL END SECTIONS	EA	16.00	\$250.00	\$4,000.00	\$152.00	\$2,432.00	\$152.00	\$2,432.00
603.34124	24" STEEL END SECTIONS	EA	1.00	\$340.00	\$340.00	\$318.00	\$318.00	\$318.00	\$318.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	460.00	\$50.00	\$23,000.00	\$35.00	\$16,100.00	\$35.00	\$16,100.00
603.44015	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	40.00	\$65.00	\$2,600.00	\$25.00	\$1,000.00	\$25.00	\$1,000.00
603.83224	24" POLYPROPYLENE PIPE (TYPE S)	LF	140.00	\$78.00	\$10,920.00	\$85.00	\$11,900.00	\$85.00	\$11,900.00
603.83342	42" POLYPROPYLENE PIPE (TYPE D)	LF	105.00	\$140.00	\$14,700.00	\$140.00	\$14,700.00	\$140.00	\$14,700.00
604.0007	POLYETHYLENE LINER	EA	10.00	\$110.00	\$1,100.00	\$151.00	\$1,510.00	\$151.00	\$1,510.00
604.22	DROP INLETS TYPE B	U	1.00	\$2,600.00	\$2,600.00	\$1,910.00	\$1,910.00	\$1,910.00	\$1,910.00
604.242	DROP INLETS TYPE D-B	U	12.00	\$2,600.00	\$31,200.00	\$1,500.00	\$18,000.00	\$1,500.00	\$18,000.00
604.246	DROP INLETS TYPE D-F	U	3.00	\$2,600.00	\$7,800.00	\$1,680.00	\$5,040.00	\$1,680.00	\$5,040.00

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	32.00	\$400.00	\$12,800.00	\$371.00	\$11,872.00		
604.72	GRATES & FRAMES, TYPE B	EA	27.00	\$300.00	\$8,100.00	\$595.00	\$16,065.00		
604.76	GRATES & FRAMES, TYPE F	EA	4.00	\$450.00	\$1,800.00	\$750.00	\$3,000.00		
605.79	UNDERDRAIN FLUSHING BASINS	EA	2.00	\$820.00	\$1,640.00	\$424.00	\$848.00		
605.82251	24" AGGRE. UND. TYPE 2 WITH 6" P.C. POLY PIPE	LF	650.00	\$34.50	\$22,425.00	\$28.00	\$18,200.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	32.00	\$1,875.00	\$60,000.00	\$1,875.00	\$60,000.00		
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	8.00	\$1,650.00	\$13,200.00	\$1,650.00	\$13,200.00		
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	200.00	\$23.00	\$4,600.00	\$23.00	\$4,600.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	11,450.00	\$16.00	\$183,200.00	\$15.35	\$175,757.50		
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	4.00	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00		
606.917	RETROFIT EXISTING GUARDRAIL	U	3.00	\$1,550.00	\$4,650.00	\$1,550.00	\$4,650.00		
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	25.00	\$20.00	\$500.00	\$26.00	\$650.00		
609.226	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 6" HIGH	LF	15.00	\$20.00	\$300.00	\$26.00	\$390.00		
609.5	RESET GRANITE CURB	LF	230.00	\$9.00	\$2,070.00	\$13.00	\$2,990.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	7,250.00	\$4.00	\$29,000.00	\$6.00	\$43,500.00		
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	10.00	\$260.00	\$2,600.00	\$101.00	\$1,010.00		

Item No:	Description	Unit	Quantity	A			B		
				Unit Price	Total	Unit Price	Total	Unit Price	Total
615.02	TRAFFIC SIGN TYPE B (F)	SF	56.00	\$40.00	\$2,240.00	\$42.00	\$2,352.00	\$42.00	\$2,352.00
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	118.00	\$135.00	\$15,930.00	\$143.00	\$16,874.00	\$143.00	\$16,874.00
615.03	TRAFFIC SIGN TYPE C (F)	SF	351.00	\$45.00	\$15,795.00	\$48.00	\$16,848.00	\$48.00	\$16,848.00
615.06	TRAFFIC SIGN TYPE CC (F)	SF	87.00	\$10.00	\$870.00	\$11.00	\$957.00	\$11.00	\$957.00
618.7	FLAGGERS	HR	4,000.00	\$8.00	\$32,000.00	\$15.00	\$60,000.00	\$15.00	\$60,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$78,750.00	\$78,750.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	5.00	\$200.00	\$1,000.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,000.00	\$2,000.00	\$1,480.00	\$2,960.00	\$1,480.00	\$2,960.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	135.00	\$3.00	\$405.00	\$3.00	\$405.00	\$3.00	\$405.00
621.31	SINGLE DELINEATOR WITH POST	EA	275.00	\$31.00	\$8,525.00	\$31.00	\$8,525.00	\$31.00	\$8,525.00
622.1	STEEL WITNESS MARKERS	EA	20.00	\$28.00	\$560.00	\$28.00	\$560.00	\$28.00	\$560.00
622.52	RESETTING BOUNDS	EA	1.00	\$500.00	\$500.00	\$318.00	\$318.00	\$318.00	\$318.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	194,200.00	\$0.14	\$27,188.00	\$0.12	\$23,304.00	\$0.12	\$23,304.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	105.00	\$3.00	\$315.00	\$3.00	\$315.00	\$3.00	\$315.00
645.3	EROSION STONE	TON	320.00	\$25.00	\$8,000.00	\$27.00	\$8,640.00	\$27.00	\$8,640.00
645.41	TEMPORARY SLOPE STABILIZATION TYPE A	SY	2,200.00	\$2.00	\$4,400.00	\$1.50	\$3,300.00	\$1.50	\$3,300.00
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	210.00	\$3.00	\$630.00	\$11.00	\$2,310.00	\$11.00	\$2,310.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,400.00	\$6.00	\$14,400.00	\$4.00	\$9,600.00	\$4.00	\$9,600.00
645.531	SILT FENCE	LF	1,200.00	\$3.00	\$3,600.00	\$2.00	\$2,400.00	\$2.00	\$2,400.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$3,180.00	\$3,180.00	\$3,180.00	\$3,180.00

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	60.00	\$65.00	\$3,900.00	\$48.00	\$2,880.00		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	39,050.00	\$0.50	\$19,525.00	\$0.40	\$15,620.00		
647.1	HUMUS	CY	3,650.00	\$21.50	\$78,475.00	\$10.00	\$36,500.00		
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$175.00	\$525.00	\$150.00	\$450.00		
692	MOBILIZATION	U	1.00	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00		
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,350.00	\$1,350.00	\$750.00	\$750.00		
698.13	FIELD OFFICE TYPE C	MON	7.00	\$2,000.00	\$14,000.00	\$1,300.00	\$9,100.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,500.00	\$1.00	\$6,500.00	\$1.00	\$6,500.00		
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	104,000.00	\$1.00	\$104,000.00	\$1.00	\$104,000.00		
					\$3,515,960.50		\$3,719,225.50		

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	10.00	\$12.00	\$120.00	\$15.00	\$150.00	(\$30.00)
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	350.00	\$8.00	\$2,800.00	\$4.00	\$1,400.00	\$1,400.00
202.7	REMOVAL OF GUARDRAIL	LF	14,550.00	\$0.50	\$7,275.00	\$1.00	\$14,550.00	(\$7,275.00)
203.1	COMMON EXCAVATION	CY	600.00	\$15.50	\$9,300.00	\$6.00	\$3,600.00	\$5,700.00
203.55542	GUARDRAIL 50' EAGRT OFFSET PLATFORM ALTERNATE	U	32.00	\$800.00	\$25,600.00	\$825.00	\$26,400.00	(\$800.00)
203.55552	GUARDRAIL 25' EAGRT OFFSET PLATFORM ALTERNATE	U	8.00	\$800.00	\$6,400.00	\$800.00	\$6,400.00	\$0.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	190.00	\$13.00	\$2,470.00	\$4.00	\$760.00	\$1,710.00
206.1	COMMON STRUCTURE EXCAVATION	CY	180.00	\$19.50	\$3,510.00	\$15.50	\$2,790.00	\$720.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$28.50	\$285.00	\$44.00	\$440.00	(\$155.00)
214	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$750.00	\$750.00	\$4,250.00
304.101	SAND	CY	40.00	\$30.00	\$1,200.00	\$21.00	\$840.00	\$360.00
304.201	GRAVEL	CY	60.00	\$35.00	\$2,100.00	\$25.00	\$1,500.00	\$600.00
304.301	CRUSHED GRAVEL	CY	220.00	\$35.00	\$7,700.00	\$32.00	\$7,040.00	\$660.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,750.00	\$5.00	\$8,750.00	\$15.00	\$26,250.00	(\$17,500.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	7,550.00	\$70.94	\$535,597.00	\$72.00	\$543,600.00	(\$8,003.00)
403.11201	HOT BIT. PAVE. - ASPHALT RUBBER GAP GRADED (HBP- ARGG) (QC/QA TIER 1)	TON	14,450.00	\$102.70	\$1,484,015.00	\$98.00	\$1,416,100.00	\$67,915.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	650.00	\$110.00	\$71,500.00	\$112.00	\$72,800.00	(\$1,300.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	22,000.00	\$1.25	\$27,500.00	\$1.25	\$27,500.00	\$0.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
403.6	PAVEMENT JOINT ADHESIVE	LF	180,800.00	\$0.21	\$37,968.00	\$0.25	\$45,200.00	(\$7,232.00)
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	1,000.00	\$78.50	\$78,500.00	\$83.00	\$83,000.00	(\$4,500.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	67,850.00	\$1.25	\$84,812.50	\$1.50	\$101,775.00	(\$16,962.50)
503.101	WATER DIVERSION STRUCTURE	U	1.00	\$7,150.00	\$7,150.00	\$1,500.00	\$1,500.00	\$5,650.00
503.102	WATER DIVERSION STRUCTURE	U	1.00	\$5,650.00	\$5,650.00	\$1,500.00	\$1,500.00	\$4,150.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	CY	12.00	\$880.00	\$10,560.00	\$585.00	\$7,020.00	\$3,540.00
544.1	REINFORCING STEEL (ROADWAY)	LB	155.00	\$3.00	\$465.00	\$1.75	\$271.25	\$193.75
585.3	STONE FILL, CLASS C	CY	510.00	\$39.50	\$20,145.00	\$26.00	\$13,260.00	\$6,885.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	1,500.00	\$2.00	\$3,000.00	\$1.85	\$2,775.00	\$225.00
603.0001	VIDEO INSPECTION	LF	630.00	\$2.00	\$1,260.00	\$1.50	\$945.00	\$315.00
603.34112	12" STEEL END SECTIONS	EA	16.00	\$250.00	\$4,000.00	\$189.00	\$3,024.00	\$976.00
603.34124	24" STEEL END SECTIONS	EA	1.00	\$340.00	\$340.00	\$325.00	\$325.00	\$15.00
603.44012	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	460.00	\$50.00	\$23,000.00	\$38.00	\$17,480.00	\$5,520.00
603.44015	15" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	40.00	\$65.00	\$2,600.00	\$47.00	\$1,880.00	\$720.00
603.83224	24" POLYPROPYLENE PIPE (TYPE S)	LF	140.00	\$78.00	\$10,920.00	\$55.00	\$7,700.00	\$3,220.00
603.83342	42" POLYPROPYLENE PIPE (TYPE D)	LF	105.00	\$140.00	\$14,700.00	\$90.00	\$9,450.00	\$5,250.00
604.0007	POLYETHYLENE LINER	EA	10.00	\$110.00	\$1,100.00	\$135.00	\$1,350.00	(\$250.00)
604.22	DROP INLETS TYPE B	U	1.00	\$2,600.00	\$2,600.00	\$1,380.00	\$1,380.00	\$1,220.00
604.242	DROP INLETS TYPE D-B	U	12.00	\$2,600.00	\$31,200.00	\$1,460.00	\$17,520.00	\$13,680.00

# A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
604.246	DROP INLETS TYPE D-F	U	3.00	\$2,600.00	\$7,800.00	\$2,100.00	\$6,300.00	\$1,500.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	32.00	\$400.00	\$12,800.00	\$350.00	\$11,200.00	\$1,600.00
604.72	GRATES & FRAMES, TYPE B	EA	27.00	\$300.00	\$8,100.00	\$445.00	\$12,015.00	(\$3,915.00)
604.76	GRATES & FRAMES, TYPE F	EA	4.00	\$450.00	\$1,800.00	\$900.00	\$3,600.00	(\$1,800.00)
605.79	UNDERDRAIN FLUSHING BASINS	EA	2.00	\$820.00	\$1,640.00	\$475.00	\$950.00	\$690.00
605.82251	24" AGGREG. UND. TYPE 2 WITH 6" P.C. POLY PIPE	LF	650.00	\$34.50	\$22,425.00	\$28.00	\$18,200.00	\$4,225.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 50 FT) (STEEL POST)	U	32.00	\$1,875.00	\$60,000.00	\$1,850.00	\$59,200.00	\$800.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT 25 FT) (STEEL POST)	U	8.00	\$1,650.00	\$13,200.00	\$1,550.00	\$12,400.00	\$800.00
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	200.00	\$23.00	\$4,600.00	\$22.00	\$4,400.00	\$200.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	11,450.00	\$16.00	\$183,200.00	\$14.80	\$169,460.00	\$13,740.00
606.84	ANCHOR FOR CURVED GUARDRAIL W/CRT POSTS	U	4.00	\$1,200.00	\$4,800.00	\$1,235.00	\$4,940.00	(\$140.00)
606.917	RETROFIT EXISTING GUARDRAIL	U	3.00	\$1,550.00	\$4,650.00	\$1,750.00	\$5,250.00	(\$600.00)
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	25.00	\$20.00	\$500.00	\$20.00	\$500.00	\$0.00
609.226	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 6" HIGH	LF	15.00	\$20.00	\$300.00	\$17.00	\$255.00	\$45.00
609.5	RESET GRANITE CURB	LF	230.00	\$9.00	\$2,070.00	\$10.00	\$2,300.00	(\$230.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	7,250.00	\$4.00	\$29,000.00	\$4.00	\$29,000.00	\$0.00

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
611.90001	ADJUSTING WATER GATES AND SHUTOFFS SET BY OTHERS	EA	10.00	\$260.00	\$2,600.00	\$140.00	\$1,400.00	\$1,200.00
615.02	TRAFFIC SIGN TYPE B (F)	SF	56.00	\$40.00	\$2,240.00	\$53.00	\$2,968.00	(\$728.00)
615.022	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS (F)	SF	118.00	\$135.00	\$15,930.00	\$107.00	\$12,626.00	\$3,304.00
615.03	TRAFFIC SIGN TYPE C (F)	SF	351.00	\$45.00	\$15,795.00	\$37.00	\$12,987.00	\$2,808.00
615.06	TRAFFIC SIGN TYPE CC (F)	SF	87.00	\$10.00	\$870.00	\$11.00	\$957.00	(\$87.00)
618.7	FLAGGERS	HR	4,000.00	\$8.00	\$32,000.00	\$21.50	\$86,000.00	(\$54,000.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$78,750.00	\$78,750.00	\$55,000.00	\$55,000.00	\$23,750.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	5.00	\$200.00	\$1,000.00	\$200.00	\$1,000.00	\$0.00
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	(\$2,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	135.00	\$3.00	\$405.00	\$3.40	\$459.00	(\$54.00)
621.31	SINGLE DELINEATOR WITH POST	EA	275.00	\$31.00	\$8,525.00	\$32.00	\$8,800.00	(\$275.00)
622.1	STEEL WITNESS MARKERS	EA	20.00	\$28.00	\$560.00	\$25.00	\$500.00	\$60.00
622.52	RESETTING BOUNDS	EA	1.00	\$500.00	\$500.00	\$300.00	\$300.00	\$200.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,500.00	\$1.00	\$2,500.00	\$1.25	\$3,125.00	(\$625.00)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	194,200.00	\$0.14	\$27,188.00	\$0.13	\$25,246.00	\$1,942.00
632.0118	RETROREFLECTIVE PAINT PAVE. MARKING, 18" LINE	LF	105.00	\$3.00	\$315.00	\$2.30	\$241.50	\$73.50
645.3	EROSION STONE	TON	320.00	\$25.00	\$8,000.00	\$25.00	\$8,000.00	\$0.00
645.41	TEMPORARY SLOPE STABILIZATION TYPE A	SY	2,200.00	\$2.00	\$4,400.00	\$1.30	\$2,860.00	\$1,540.00
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	210.00	\$3.00	\$630.00	\$4.50	\$945.00	(\$315.00)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	2,400.00	\$6.00	\$14,400.00	\$4.00	\$9,600.00	\$4,800.00
645.531	SILT FENCE	LF	1,200.00	\$3.00	\$3,600.00	\$2.20	\$2,640.00	\$960.00

## A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$4,200.00	\$4,200.00	(\$1,700.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	60.00	\$65.00	\$3,900.00	\$57.00	\$3,420.00	\$480.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	39,050.00	\$0.50	\$19,525.00	\$0.40	\$15,620.00	\$3,905.00
647.1	HUMUS	CY	3,650.00	\$21.50	\$78,475.00	\$15.00	\$54,750.00	\$23,725.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$175.00	\$525.00	\$165.00	\$495.00	\$30.00
692	MOBILIZATION	U	1.00	\$75,000.00	\$75,000.00	\$97,000.00	\$97,000.00	(\$22,000.00)
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,350.00	\$1,350.00	\$2,300.00	\$2,300.00	(\$950.00)
698.13	FIELD OFFICE TYPE C	MON	7.00	\$2,000.00	\$14,000.00	\$1,400.00	\$9,800.00	\$4,200.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,500.00	\$1.00	\$6,500.00	\$1.00	\$6,500.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	104,000.00	\$1.00	\$104,000.00	\$1.00	\$104,000.00	\$0.00
					\$3,515,960.50		\$3,437,934.75	\$78,025.75







# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
3/26/2014

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).

<b>PRODUCER</b> <b>CROSS INSURANCE - LACONIA</b> <b>155 Court Street</b>  <b>Laconia NH 03246</b>	<b>CONTACT NAME:</b> Linda Tikkanen, CISR <b>PHONE (A/C, No, Ext):</b> (603) 524-2425 <b>E-MAIL ADDRESS:</b> ltikkanen@crossagency.com	<b>FAX (A/C, No):</b> (603) 524-3666
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> <b>STATE OF NEW HAMPSHIRE, D.O.T.</b> <b>C/O CONTINENTAL PAVING INC</b> <b>ONE CONTINENTAL DRIVE</b> <b>LONDONDERRY NH 03053</b>	<b>INSURER A:</b> Acadia Ins Co.	
	<b>INSURER B:</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**                      **CERTIFICATE NUMBER: CL1432605627**                      **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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			OCP5148554-10	3/28/2014	3/28/2015	EACH OCCURRENCE \$ <b>2,000,000</b>
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
	<input checked="" type="checkbox"/> Owners & Contractors						PERSONAL & ADV INJURY \$
	<input type="checkbox"/> Protective						GENERAL AGGREGATE \$ <b>3,000,000</b>
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR					EACH OCCURRENCE \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$
	DED	RETENTION \$					\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y/N	N/A				E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
**Carroll-Jefferson 25066**

<b>CERTIFICATE HOLDER</b>  <b>State of New Hampshire</b> <b>Department of Transportation</b> <b>7 Hazen Drive</b> <b>P.O. Box 483</b> <b>Concord, NH 03302</b>	<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.
	<b>AUTHORIZED REPRESENTATIVE</b>  L Tikkanen, CISR/LXT <i>Linda Tikkanen</i>