



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Sam 38

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
November 9, 2017

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 \$5,056,832.50 for pavement rehabilitation along Interstate 93 in Canterbury and Northfield and off-ramp widening and intersection reconfiguration onto NH Route 104 in New Hampton, from the date of Governor and Council approval through September 7, 2018 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2018 and 2019 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Table with 3 columns: Funding is available as follows, FY 2018, FY 2019. Rows include 04-96-96-963515-3054 Consolidated Federal Aid and 400-500870 Highway Contract Payments with values \$3,556,832.50 and \$1,500,000.00.

2. Further authorize that a contingency in the amount of \$303,409.95 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 6% of the contract amount.

Table with 3 columns: Funding is available as follows, FY 2018, FY 2019. Rows include 04-96-96-963515-3054 Consolidated Federal Aid and 400-500870 Highway Contract Payments with values \$303,409.95.

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Plan under the Tier 1 Preservation Program. This work consists of pavement rehabilitation along Interstate 93 in Canterbury and Northfield, NH. The project begins just north of Exit 18 near Mile 48.4 NB/48.2 SB and extends northerly for approximately 5.8 miles to Mile 54.1 NB/54.2 SB half a mile south of Exit 19. Pavement work includes cold planing and spot inlays in the travel lane, traveled way bonded wearing course overlay, and median crossover overlays. At the northbound rest area, work efforts will include pavement replacement for on and off ramps and overlay of parking areas. Ancillary work includes rock scaling, guardrail replacement and pier protection, minor drainage rehabilitation, ADA ramp replacement, as well as traffic study and ITS equipment.

This work on the I-93 Exit 23 northbound off-ramp involves widening for additional turn lane capacity and intersection reconfiguration onto NH Route 104 in New Hampton, NH. The proposed work will improve the intersection capacity and alleviate significant queues on the ramp that backup towards I-93. Work includes

approximately 500 feet of step box widening along the left side of the off-ramp, with geometric changes to the intersection itself. Ancillary work includes clearing, guardrail replacement, and minor drainage alterations.

The goal of the Pave-T1-Preservation program is to preserve Tier 1 roadways to avoid more costly reconstruction in the future. Last pavement treatment in this area was in 2008, which applied ½” leveling course and 1.5” wearing course full width. Rest Area was last resurfaced in 2008 with a ¾” overlay.

The contingency amount is proposed to be approximately 6% of the contract amount. All plan work is derived from aeriels and therefore variation in estimated quantities for drainage, rock scaling, and hot mix asphalt paving can potentially increase costs.

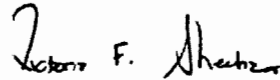
Although the bid costs exceeded the Department’s estimate by 2%, the low bid is felt to be reasonable for the work involved. Readvertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best 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 and the bid reasonably conforms to the engineer’s estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State’s Office and the Department of Administrative Service’s Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 90% federal funds with 10% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds.

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

Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/md

Department Estimate: \$4,957,794.50  
Contract Amount: \$5,056,832.50  
Over Estimate: \$ 99,038.00  
Attachments

**September 22, 2017**

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:**

**I-93** - This work consists of pavement rehabilitation along Interstate 93 in Canterbury and Northfield, NH. The project begins just north of Exit 18 near Mile 48.4 NB/48.2 SB and extends northerly for approximately 5.8 miles to Mile 54.1 NB/54.2 SB half a mile south of Exit 19. Pavement work includes cold planing and spot inlays in the travel lane, traveled way bonded wearing course, and median crossover overlays. At the northbound rest area, work efforts will include pavement replacement for on and off ramps and overlay of parking areas. Ancillary work includes rock scaling, guardrail replacement and pier protection, minor drainage rehabilitation, ADA ramp replacement, as well as traffic study and ITS equipment.

**Exit 23** - This work consists of the I-93 Exit 23 northbound off-ramp widening and intersection reconfiguration onto NH Route 104 in New Hampton, NH. The proposed work will improve the intersection capacity and alleviate significant queues on the ramp that backup towards I-93. Work includes approximately 500 feet of step box widening along the left side of the off-ramp, with geometric changes to the intersection itself. Ancillary work includes clearing, guardrail replacement, and minor drainage alterations.

**FEDERAL FUNDING:** 90% Federal with anticipated utilization of Turnpike Toll Credits as the State's 10% match

**CONTINGENCY:** The contingency amount is proposed to be approximately 6% of the contract amount. All Plan work is derived from aeriels and therefore variation in estimated quantities for drainage, rock scaling, and hot mix asphalt paving can potentially increase costs

**PROJECT INITIATED:** Tier 1 preservation program under State Ten-Year Transportation Improvement Program

**PROJECT EXPLANATION:** The goal of the Pave-T1-Preservation program is to preserve Tier 1 roadways to avoid more costly reconstruction in the future. Last pavement treatment in this area was in 2008, which applied ½" leveling course and 1.5" wearing course full width. Rest Area was last resurfaced in 2008 with a ¾" overlay.

**TRAFFIC IMPLICATIONS:**

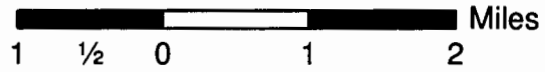
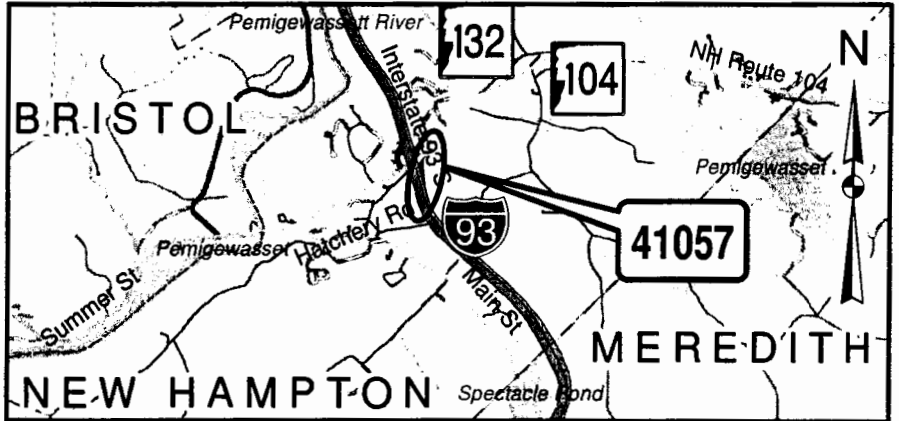
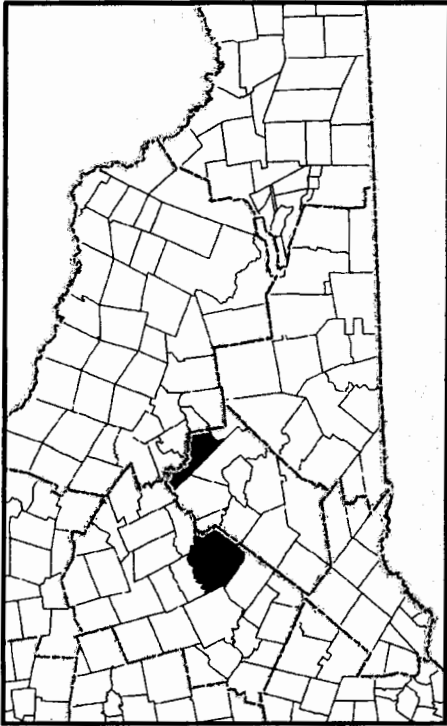
**I-93** - Traffic impacts are anticipated as daily lane closures during non-peak hours for crack-sealing, spot inlays, guardrail, drainage, and rock scaling work. The bonded wearing course will be done at night to minimize the impacts to traffic. Time restrictions for lane closures will be specified in the contract. NB Rest Area will be closed for pavement removal and replacement on the ramps, and the parking area overlays will be under traffic conditions (coordinated with Natural and Cultural Resources (formerly DRED)).

**Exit 23** - Traffic impacts are expected to be minimal. One lane of traffic will be maintained daily. Paving operations will be night work. Intermediate Completion Date has been included to avoid work during peak seasonal traffic.

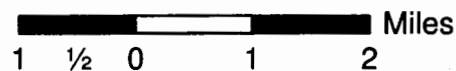
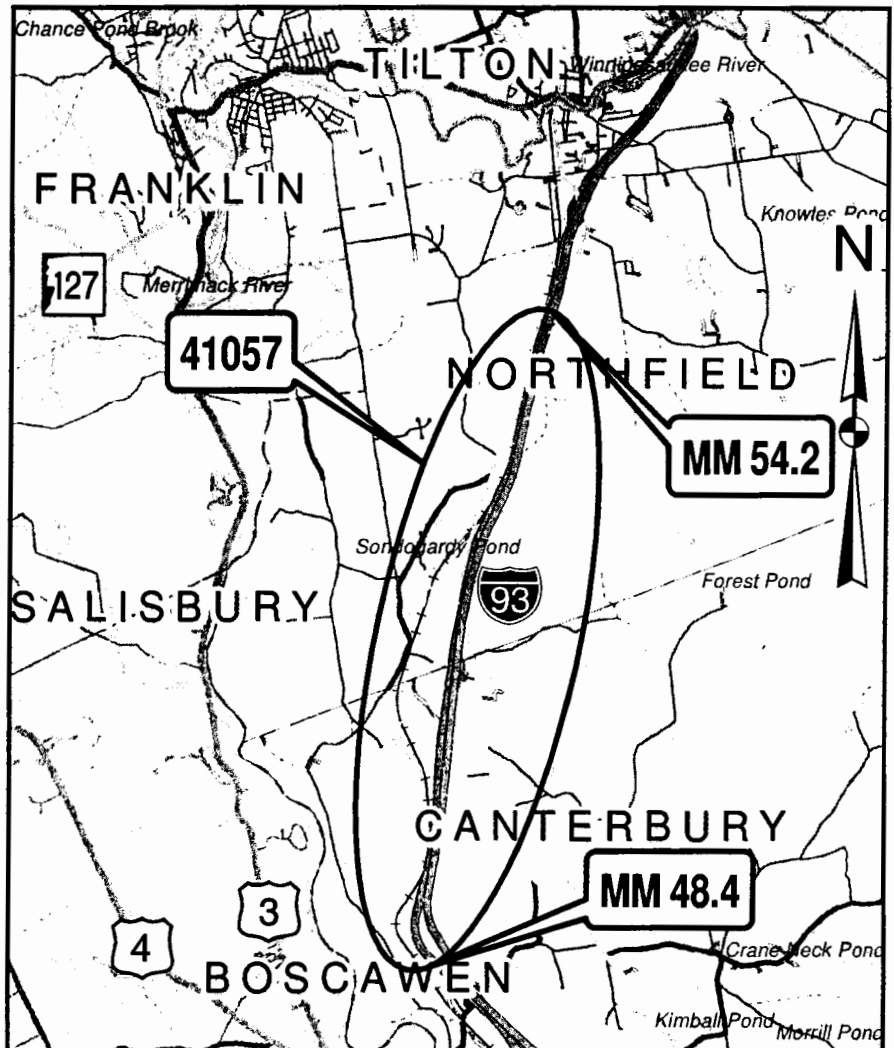
**COMPLETION DATE:** September 7, 2018

# CANTERBURY/ NORTHFIELD - INT. 93

## I-93 NB EXIT 23 OFF RAMP



## I-93 NB/SB



New Hampshire  
**DOT**  
Department of Transportation

State #: 41057  
Federal #: X-A004 (546)  
**LOCATION MAP**

### LEGEND

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

**PROJECT:** CANTERBURY-NORTHFIELD  
**STATE PROJECT NUMBER:** 41057  
**FED. PROJECT NUMBER:** X-A004(546)  
**DATE BIDS OPEN:** October 19, 2017, 2:00  
**SCOPE OF WORK:** I-93 NB & SB from MP 48.4 to 54.2 inc. Ex 19, Ex 23 and NB Rest Area.  
**COMPLETION DATE:** September 07, 2018  
**LOCATION:** Belknap, Merrimack

**Awarded To:** CONTINENTAL PAVING INC  
 1 CONTINENTAL DRIVE  
 LONDONDERRY, NH 03053  
**Amount:** \$5,056,832.50  
**Award Date:**  
**Certified by:** PETER E. STAMNAS  
Director of Project Development

**Summary of Bidders**

Contractor	Bid Amount	Rank
CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE, LONDONDERRY NH 03053	\$5,056,832.50	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$5,386,630.00	B

Item No.	Description	Unit	Quantity		PS&E		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03063		PIKE INDUSTRIES, INC 3 EASTGATE PARK ROAD BELMONT, NH 03220	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total

**Items**

201.0101	CLEARING	A	.90	\$15,000.00	\$13,500.00	\$8,500.00	\$7,650.00	\$7,500.00	\$6,750.00
201.1	CLEARING AND GRUBBING (F)	A	.67	\$18,600.00	\$12,462.00	\$17,000.00	\$11,390.00	\$25,000.00	\$16,750.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	260.00	\$20.00	\$5,200.00	\$10.00	\$2,600.00	\$15.50	\$4,030.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$500.00	\$500.00	\$300.00	\$300.00	\$200.00	\$200.00
202.6	CURB REMOVAL FOR SALVAGE	LF	438.00	\$5.00	\$2,190.00	\$3.00	\$1,314.00	\$3.50	\$1,533.00
202.7	REMOVAL OF GUARDRAIL	LF	34,650.00	\$1.50	\$51,975.00	\$2.30	\$79,695.00	\$3.00	\$103,950.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$10.00	\$1,200.00	\$25.00	\$3,000.00	\$25.00	\$3,000.00
203.1	COMMON EXCAVATION	CY	1,650.00	\$10.00	\$18,500.00	\$20.00	\$37,000.00	\$26.00	\$48,100.00
203.11	COMMON EXCAVATION - LRS	CY	710.00	\$25.00	\$17,750.00	\$20.00	\$14,200.00	\$24.00	\$17,040.00
203.55643	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$1,000.00	\$17,000.00	\$1,200.00	\$20,400.00	\$1,500.00	\$25,500.00
203.55653	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,300.00	\$1,300.00
203.601	EMBANKMENT-IN-PLACE	CY	3,000.00	\$16.00	\$48,000.00	\$20.00	\$60,000.00	\$15.00	\$45,000.00
203.92	ROCK SCALING - MACHINE METHOD	HR	20.00	\$1,250.00	\$25,000.00	\$300.00	\$6,000.00	\$625.00	\$12,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	42.00	\$23.00	\$966.00	\$50.00	\$2,100.00	\$40.00	\$1,680.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$37.00	\$740.00	\$50.00	\$1,000.00	\$55.00	\$1,100.00
206.2	ROCK STRUCTURE EXCAVATION	CY	25.00	\$55.00	\$1,375.00	\$150.00	\$3,750.00	\$92.00	\$2,300.00
209.1	GRANULAR BACKFILL	CY	5.00	\$50.00	\$250.00	\$50.00	\$250.00	\$89.00	\$445.00
209.4	GRANULAR BACKFILL (GRAV)	CY	19.00	\$40.00	\$760.00	\$50.00	\$950.00	\$88.00	\$1,672.00
214.	FINE GRADING	U	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
304.1	SAND (F)	CY	526.00	\$50.00	\$26,300.00	\$20.00	\$10,520.00	\$25.00	\$13,150.00
304.2	GRAVEL (F)	CY	227.00	\$60.00	\$13,620.00	\$35.00	\$7,945.00	\$28.00	\$6,356.00
304.201	GRAVEL	CY	255.00	\$35.00	\$8,925.00	\$35.00	\$8,925.00	\$40.00	\$10,200.00
304.3	CRUSHED GRAVEL (F)	CY	181.00	\$70.00	\$12,670.00	\$40.00	\$7,240.00	\$38.00	\$6,878.00
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	335.00	\$30.00	\$10,050.00	\$30.00	\$10,050.00	\$39.00	\$13,065.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	8,500.00	\$20.00	\$170,000.00	\$19.00	\$161,500.00	\$10.00	\$85,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,300.00	\$100.00	\$130,000.00	\$76.00	\$98,800.00	\$80.00	\$104,000.00
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (OC/OA TIER 2)	TON	5,350.00	\$78.00	\$417,300.00	\$71.00	\$379,850.00	\$68.00	\$363,800.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	610.00	\$135.00	\$82,350.00	\$65.00	\$51,850.00	\$105.00	\$64,050.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	165.00	\$200.00	\$33,000.00	\$120.00	\$19,800.00	\$150.00	\$24,750.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	LF	7,150.00	\$1.50	\$10,725.00	\$1.50	\$10,725.00	\$5.50	\$39,325.00
403.6	PAVEMENT JOINT ADHESIVE	LF	57,750.00	\$0.20	\$11,550.00	\$0.25	\$14,437.50	\$0.24	\$13,860.00
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	25.00	\$100.00	\$2,500.00	\$85.00	\$2,125.00	\$200.00	\$5,000.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,200.00	\$7.00	\$22,400.00	\$3.00	\$9,600.00	\$6.00	\$19,200.00
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVEMENT SHIM	TON	340.00	\$75.00	\$25,500.00	\$80.00	\$27,200.00	\$95.00	\$32,300.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	57,900.00	\$2.25	\$130,275.00	\$2.05	\$118,695.00	\$2.25	\$130,275.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	39,750.00	\$3.00	\$119,250.00	\$2.00	\$79,500.00	\$2.65	\$105,337.50
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	62,300.00	\$0.75	\$46,725.00	\$1.50	\$93,450.00	\$0.65	\$40,495.00
417.416	RUMBLE STRIPS, 16" WIDE	LF	42,000.00	\$0.25	\$10,500.00	\$0.60	\$25,200.00	\$0.70	\$29,400.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	42,000.00	\$1.75	\$73,500.00	\$1.75	\$73,500.00	\$1.65	\$69,300.00
419.13	BONDED WEARING COURSE, TYPE C	TON	8,850.00	\$125.00	\$1,106,250.00	\$124.50	\$1,101,825.00	\$125.00	\$1,106,250.00
520.2	CONCRETE CLASS B	CY	1.90	\$400.00	\$760.00	\$1,000.00	\$1,900.00	\$2,000.00	\$3,800.00

Item No.	Description	Unit	Quantity	PS&E			CONTINENTAL PAVING INC 1000 CENTRAL DRIVE LONDONDERRY, NH 03055			PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220		
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
585.3	STONE FILL, GLASS C	CY	84.00	\$60.00	\$5,040.00	\$30.00	\$2,520.00	\$55.00	\$4,620.00			
585.4	STONE FILL, GLASS D	CY	29.00	\$45.00	\$1,305.00	\$30.00	\$870.00	\$62.00	\$1,798.00			
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	500.00	\$3.00	\$1,740.00	\$5.00	\$2,900.00	\$3.00	\$1,740.00			
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	480.00	\$3.00	\$1,440.00	\$5.00	\$2,400.00	\$3.50	\$1,680.00			
603.0001	VIDEO INSPECTION	LF	1,500.00	\$1.25	\$1,875.00	\$2.50	\$3,750.00	\$2.00	\$3,000.00			
603.00215	15" R.C. PIPE, 2000D	LF	73.00	\$55.00	\$4,015.00	\$75.00	\$5,475.00	\$60.00	\$4,380.00			
603.00218	18" R.C. PIPE, 2000D	LF	60.00	\$65.00	\$3,900.00	\$85.00	\$5,100.00	\$87.00	\$5,220.00			
603.30118	18" R.C. END SECTIONS	EA	5.00	\$300.00	\$1,500.00	\$750.00	\$3,750.00	\$1,200.00	\$6,000.00			
603.30124	24" R.C. END SECTIONS	EA	1.00	\$600.00	\$600.00	\$850.00	\$850.00	\$1,750.00	\$1,750.00			
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$250.00	\$500.00	\$350.00	\$700.00	\$225.00	\$450.00			
603.36112	12" ALUMINIZED STEEL END SECTION	EA	32.00	\$250.00	\$8,000.00	\$350.00	\$11,200.00	\$250.00	\$8,000.00			
603.36121	21" ALUMINIZED STEEL END SECTION	EA	1.00	\$325.00	\$325.00	\$650.00	\$650.00	\$450.00	\$450.00			
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	1,350.00	\$45.00	\$60,750.00	\$85.00	\$114,750.00	\$55.00	\$74,250.00			
604.0007	POLYETHYLENE LINER	EA	40.00	\$140.00	\$5,600.00	\$110.00	\$4,400.00	\$125.00	\$5,000.00			
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,550.00	\$2,550.00			
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	31.00	\$425.00	\$13,175.00	\$400.00	\$12,400.00	\$575.00	\$17,825.00			
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$575.00	\$2,300.00			
604.72	GRATES & FRAMES, TYPE B	EA	12.00	\$500.00	\$6,000.00	\$600.00	\$7,200.00	\$700.00	\$8,400.00			
604.75	GRATES & FRAMES, TYPE E	EA	97.00	\$800.00	\$77,600.00	\$650.00	\$63,050.00	\$1,000.00	\$97,000.00			
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$800.00	\$800.00	\$750.00	\$750.00	\$825.00	\$825.00			
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$2,250.00	\$38,250.00	\$2,400.00	\$40,800.00	\$2,500.00	\$42,500.00			
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$1,900.00	\$1,900.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00			
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	26.00	\$500.00	\$13,000.00	\$550.00	\$14,300.00	\$600.00	\$15,600.00			
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	35,550.00	\$15.00	\$533,250.00	\$17.50	\$622,125.00	\$18.00	\$639,900.00			
606.3123	SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST	U	4.00	\$3,000.00	\$12,000.00	\$3,750.00	\$15,000.00	\$4,000.00	\$16,000.00			
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	8.00	\$6,000.00	\$48,000.00	\$5,000.00	\$40,000.00	\$6,000.00	\$48,000.00			
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	120.00	\$120.00	\$14,400.00	\$148.00	\$17,760.00	\$175.00	\$21,000.00			
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	120.00	\$160.00	\$19,200.00	\$142.00	\$17,040.00	\$165.00	\$19,800.00			
608.12	2" BITUMINOUS SIDEWALK (F)	SY	92.00	\$20.00	\$1,840.00	\$15.00	\$1,380.00	\$50.00	\$4,600.00			
608.24	4" CONCRETE SIDEWALK (F)	SY	74.00	\$45.00	\$3,330.00	\$35.00	\$2,590.00	\$50.00	\$3,700.00			
608.28	8" CONCRETE SIDEWALK (F)	SY	79.00	\$60.00	\$4,740.00	\$70.00	\$5,530.00	\$55.00	\$4,345.00			
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	17.00	\$400.00	\$6,800.00	\$350.00	\$5,950.00	\$450.00	\$7,650.00			
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$30.00	\$3,900.00	\$22.00	\$2,860.00	\$21.00	\$2,730.00			
609.21	STRAIGHT GRANITE SLOPE CURB	LF	250.00	\$16.00	\$4,000.00	\$19.00	\$4,750.00	\$17.50	\$4,375.00			
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	10.00	\$25.00	\$250.00	\$19.00	\$190.00	\$17.50	\$175.00			
609.23	CURVED GRANITE SLOPE CURB	LF	4.00	\$75.00	\$300.00	\$75.00	\$300.00	\$75.00	\$300.00			
609.5	RESET GRANITE CURB	LF	5,050.00	\$10.00	\$50,500.00	\$10.00	\$50,500.00	\$9.00	\$45,450.00			
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	30.00	\$6.00	\$180.00	\$10.00	\$300.00	\$4.00	\$120.00			
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	40.00	\$15.00	\$600.00	\$50.00	\$2,000.00	\$55.00	\$2,200.00			
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	1.00	\$300.00	\$300.00	\$5,700.00	\$5,700.00	\$6,000.00	\$6,000.00			
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	2.00	\$250.00	\$500.00	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00			

Item No.	Description	Unit	Quantity	PS&E			CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03053			PIKE INDUSTRIES, INC 3 EASTGATE PARK ROAD BELMONT, NH 03220		
				Unit Price	Total	Total	Unit Price	Total	Unit Price	Total		
915.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$175.00	\$350.00	\$500.00	\$1,000.00	\$250.00	\$500.00			
916.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,300.00	\$7,300.00	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00			
918.61	UNIFORMED OFFICERS WITH VEHICLE	\$	177,000.00	\$1.00	\$177,000.00	\$1.00	\$177,000.00	\$1.00	\$177,000.00			
918.7	FLAGGERS	HR	600.00	\$22.00	\$13,200.00	\$27.00	\$16,200.00	\$32.00	\$19,200.00			
919.1	MAINTENANCE OF TRAFFIC	U	1.00	\$200,000.00	\$200,000.00	\$256,500.00	\$256,500.00	\$395,000.00	\$395,000.00			
919.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,000.00	\$12,000.00	\$2,000.00	\$8,000.00	\$3,200.00	\$12,800.00			
919.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,000.00	\$10,000.00	\$2,000.00	\$4,000.00	\$3,200.00	\$6,400.00			
921.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	440.00	\$3.75	\$1,650.00	\$4.00	\$1,760.00	\$4.00	\$1,760.00			
921.31	SINGLE DELINEATOR WITH POST	EA	950.00	\$30.00	\$28,500.00	\$39.00	\$37,050.00	\$40.00	\$38,000.00			
921.32	DOUBLE DELINEATOR WITH POST	EA	18.00	\$37.00	\$666.00	\$41.00	\$738.00	\$42.00	\$756.00			
922.1	STEEL WITNESS MARKERS	EA	145.00	\$29.00	\$4,205.00	\$29.00	\$4,205.00	\$30.00	\$4,350.00			
928.2	SAWED BITUMINOUS PAVEMENT	LF	940.00	\$1.50	\$1,410.00	\$2.00	\$1,880.00	\$3.50	\$3,290.00			
932.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	140,150.00	\$0.15	\$21,022.50	\$0.12	\$16,818.00	\$0.18	\$25,227.00			
932.1104	PERFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	18,700.00	\$0.75	\$14,025.00	\$1.25	\$23,375.00	\$0.90	\$16,830.00			
932.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,350.00	\$0.60	\$1,410.00	\$1.50	\$3,525.00	\$1.75	\$4,112.50			
932.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	300.00	\$1.50	\$450.00	\$2.00	\$600.00	\$2.25	\$675.00			
932.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	30.00	\$1.80	\$54.00	\$3.00	\$90.00	\$3.20	\$96.00			
932.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	300.00	\$2.00	\$600.00	\$3.00	\$900.00	\$3.20	\$960.00			
932.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	20.00	\$4.45	\$89.00	\$4.00	\$80.00	\$4.20	\$84.00			
932.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	205.00	\$8.00	\$1,640.00	\$9.00	\$1,845.00	\$10.00	\$2,050.00			
932.71204	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 4" LINE	LF	2,300.00	\$1.00	\$2,300.00	\$1.10	\$2,530.00	\$1.10	\$2,530.00			
932.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	147,300.00	\$1.15	\$169,395.00	\$1.10	\$162,030.00	\$1.10	\$162,030.00			
932.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	1,000.00	\$2.50	\$2,500.00	\$2.75	\$2,750.00	\$2.75	\$2,750.00			
932.911	OBLETERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	79,150.00	\$0.60	\$47,490.00	\$0.30	\$23,745.00	\$0.30	\$23,745.00			
945.3	EROSION STONE	TON	55.00	\$23.00	\$1,265.00	\$30.00	\$1,650.00	\$56.00	\$3,080.00			
945.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	4,050.00	\$1.75	\$7,087.50	\$2.00	\$8,100.00	\$3.30	\$13,365.00			
945.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	220.00	\$2.50	\$550.00	\$3.00	\$660.00	\$13.00	\$2,860.00			
945.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,050.00	\$3.75	\$3,937.50	\$5.50	\$5,775.00	\$10.00	\$10,500.00			
945.531	SILT FENCE	LF	3,700.00	\$2.75	\$10,175.00	\$3.00	\$11,100.00	\$2.00	\$7,400.00			
945.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00			
945.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	220.00	\$55.00	\$12,100.00	\$80.00	\$17,600.00	\$80.00	\$17,600.00			
946.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10,100.00	\$5.00	\$50,500.00	\$3.00	\$30,300.00	\$0.75	\$7,575.00			
977.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$12,000.00	\$12,000.00	\$27,500.00	\$27,500.00	\$30,000.00	\$30,000.00			
977.4101	CCTV SYSTEM	U	1.00	\$55,000.00	\$55,000.00	\$62,500.00	\$62,500.00	\$65,000.00	\$65,000.00			
977.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$9,000.00	\$9,000.00	\$18,500.00	\$18,500.00	\$20,000.00	\$20,000.00			
977.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00			
992.	MOBILIZATION	U	1.00	\$250,000.00	\$250,000.00	\$263,500.00	\$263,500.00	\$375,000.00	\$375,000.00			
997.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,750.00	\$2,750.00			



Item No.	Description	Unit	Quantity	PS&E		CONTINENTAL PAVING INC 1000 WINDMILL RD LONGONBERRY, NH 03053		PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
698.13	FIELD OFFICE TYPE C	MON	10.00	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00	\$2,500.00	\$25,000.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SALVAGE TO DEPARTMENT)	\$	400.00	\$1.00	\$400.00	\$1.00	\$400.00	\$1.00	\$400.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Totals:					\$4,957,794.50		\$5,056,832.50		\$5,386,630.00
Totals:					\$4,957,794.50		\$5,056,832.50		\$5,386,630.00



# PS&E Comparison

CANTERBURY-NORTHFIELD  
41057  
X-A004(546)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
201.0101	CLEARING	A	.90	\$8,500.00	\$7,650.00	\$15,000.00	\$13,500.00	(\$5,850.00)
201.1	CLEARING AND GRUBBING (F)	A	.67	\$17,000.00	\$11,390.00	\$18,600.00	\$12,462.00	(\$1,072.00)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	260.00	\$10.00	\$2,600.00	\$20.00	\$5,200.00	(\$2,600.00)
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$300.00	\$300.00	\$500.00	\$500.00	(\$200.00)
202.6	CURB REMOVAL FOR SALVAGE	LF	438.00	\$3.00	\$1,314.00	\$5.00	\$2,190.00	(\$876.00)
202.7	REMOVAL OF GUARDRAIL	LF	34,650.00	\$2.30	\$79,695.00	\$1.50	\$51,975.00	\$27,720.00
202.74	REMOVAL OF CONCRETE BARRIER	LF	120.00	\$25.00	\$3,000.00	\$10.00	\$1,200.00	\$1,800.00
203.1	COMMON EXCAVATION	CY	1,850.00	\$20.00	\$37,000.00	\$10.00	\$18,500.00	\$18,500.00
203.11	COMMON EXCAVATION - LRS	CY	710.00	\$20.00	\$14,200.00	\$25.00	\$17,750.00	(\$3,550.00)
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	17.00	\$1,200.00	\$20,400.00	\$1,000.00	\$17,000.00	\$3,400.00
203.55553	GUARDRAIL EAGRT OFFSET PLATFORM, TL 2	U	1.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$200.00
203.601	EMBANKMENT-IN-PLACE	CY	3,000.00	\$20.00	\$60,000.00	\$16.00	\$48,000.00	\$12,000.00
203.92	ROCK SCALING - MACHINE METHOD	HR	20.00	\$300.00	\$6,000.00	\$1,250.00	\$25,000.00	(\$19,000.00)
206.1	COMMON STRUCTURE EXCAVATION	CY	42.00	\$50.00	\$2,100.00	\$23.00	\$966.00	\$1,134.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	20.00	\$50.00	\$1,000.00	\$37.00	\$740.00	\$260.00

## Items

206.2	ROCK STRUCTURE EXCAVATION	CY	25.00	\$150.00	\$3,750.00	\$55.00	\$1,375.00	\$2,375.00
209.1	GRANULAR BACKFILL	CY	5.00	\$50.00	\$250.00	\$50.00	\$250.00	\$0.00
209.4	GRANULAR BACKFILL (GRAV)	CY	19.00	\$50.00	\$950.00	\$40.00	\$760.00	\$190.00
214.	FINE GRADING	U	1.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	(\$5,000.00)
304.1	SAND (F)	CY	526.00	\$20.00	\$10,520.00	\$50.00	\$26,300.00	(\$15,780.00)
304.2	GRAVEL (F)	CY	227.00	\$35.00	\$7,945.00	\$60.00	\$13,620.00	(\$5,675.00)
304.201	GRAVEL	CY	255.00	\$35.00	\$8,925.00	\$35.00	\$8,925.00	\$0.00
304.3	CRUSHED GRAVEL (F)	CY	181.00	\$40.00	\$7,240.00	\$70.00	\$12,670.00	(\$5,430.00)
304.31	CRUSHED GRAVEL FOR SHIMMING	CY	335.00	\$30.00	\$10,050.00	\$30.00	\$10,050.00	\$0.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	8,500.00	\$19.00	\$161,500.00	\$20.00	\$170,000.00	(\$8,500.00)
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	1,300.00	\$76.00	\$98,800.00	\$100.00	\$130,000.00	(\$31,200.00)
403.11002	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (QC/QA TIER 2)	TON	5,350.00	\$71.00	\$379,850.00	\$78.00	\$417,300.00	(\$37,450.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	610.00	\$85.00	\$51,850.00	\$135.00	\$82,350.00	(\$30,500.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	165.00	\$120.00	\$19,800.00	\$200.00	\$33,000.00	(\$13,200.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	7,150.00	\$1.50	\$10,725.00	\$1.50	\$10,725.00	\$0.00
403.6	PAVEMENT JOINT ADHESIVE	LF	57,750.00	\$0.25	\$14,437.50	\$0.20	\$11,550.00	\$2,887.50
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	25.00	\$85.00	\$2,125.00	\$100.00	\$2,500.00	(\$375.00)
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	3,200.00	\$3.00	\$9,600.00	\$7.00	\$22,400.00	(\$12,800.00)
411.3	PLANT MIX SURFACE TREATMENT (ASPHALT CEMENT), PAVER SHIM	TON	340.00	\$80.00	\$27,200.00	\$75.00	\$25,500.00	\$1,700.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	57,900.00	\$2.05	\$118,695.00	\$2.25	\$130,275.00	(\$11,580.00)
417.	COLD PLANING BITUMINOUS SURFACES	SY	39,750.00	\$2.00	\$79,500.00	\$3.00	\$119,250.00	(\$39,750.00)
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	62,300.00	\$1.50	\$93,450.00	\$0.75	\$46,725.00	\$46,725.00

417.416	RUMBLE STRIPS, 16" WIDE	LF	42,000.00	\$0.60	\$25,200.00	\$0.25	\$10,500.00	\$14,700.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	42,000.00	\$1.75	\$73,500.00	\$1.75	\$73,500.00	\$0.00
419.13	BONDED WEARING COURSE, TYPE C	TON	8,850.00	\$124.50	\$1,101,825.00	\$125.00	\$1,106,250.00	(\$4,425.00)
520.2	CONCRETE CLASS B	CY	1.90	\$1,000.00	\$1,900.00	\$400.00	\$760.00	\$1,140.00
585.3	STONE FILL, CLASS C	CY	84.00	\$30.00	\$2,520.00	\$60.00	\$5,040.00	(\$2,520.00)
585.4	STONE FILL, CLASS D	CY	29.00	\$30.00	\$870.00	\$45.00	\$1,305.00	(\$435.00)
593.121	GEOTEXTILE; SUBSUR DRAIN CL.2, NON-WOVEN	SY	580.00	\$5.00	\$2,900.00	\$3.00	\$1,740.00	\$1,160.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	480.00	\$5.00	\$2,400.00	\$3.00	\$1,440.00	\$960.00
603.0001	VIDEO INSPECTION	LF	1,500.00	\$2.50	\$3,750.00	\$1.25	\$1,875.00	\$1,875.00
603.00215	15" R.C. PIPE, 2000D	LF	73.00	\$75.00	\$5,475.00	\$55.00	\$4,015.00	\$1,460.00
603.00218	18" R.C. PIPE, 2000D	LF	60.00	\$85.00	\$5,100.00	\$65.00	\$3,900.00	\$1,200.00
603.30118	18" R.C. END SECTIONS	EA	5.00	\$750.00	\$3,750.00	\$300.00	\$1,500.00	\$2,250.00
603.30124	24" R.C. END SECTIONS	EA	1.00	\$850.00	\$850.00	\$600.00	\$600.00	\$250.00
603.33212	12" CORR. POLYETHYLENE END SECTION	EA	2.00	\$350.00	\$700.00	\$250.00	\$500.00	\$200.00
603.36112	12" ALUMINIZED STEEL END SECTION	EA	32.00	\$350.00	\$11,200.00	\$250.00	\$8,000.00	\$3,200.00
603.36121	21" ALUMINIZED STEEL END SECTION	EA	1.00	\$650.00	\$650.00	\$325.00	\$325.00	\$325.00
603.44212	12" CORR. POLYETHYLENE PIPE FOR SLOPE DRAINAGE	LF	1,350.00	\$85.00	\$114,750.00	\$45.00	\$60,750.00	\$54,000.00
604.0007	POLYETHYLENE LINER	EA	40.00	\$110.00	\$4,400.00	\$140.00	\$5,600.00	(\$1,200.00)
604.224	DROP INLETS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$1,000.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	31.00	\$400.00	\$12,400.00	\$425.00	\$13,175.00	(\$775.00)
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	4.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$0.00
604.72	GRATES & FRAMES, TYPE B	EA	12.00	\$600.00	\$7,200.00	\$500.00	\$6,000.00	\$1,200.00
604.75	GRATES & FRAMES, TYPE E	EA	97.00	\$650.00	\$63,050.00	\$800.00	\$77,600.00	(\$14,550.00)

604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$750.00	\$750.00	\$800.00	\$800.00	\$800.00	(\$50.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	17.00	\$2,400.00	\$40,800.00	\$2,250.00	\$38,250.00	\$2,250.00	\$2,550.00
606.1255	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 2) (STEEL POST)	U	1.00	\$2,300.00	\$2,300.00	\$1,900.00	\$1,900.00	\$1,900.00	\$400.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	26.00	\$550.00	\$14,300.00	\$500.00	\$13,000.00	\$13,000.00	\$1,300.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	35,550.00	\$17.50	\$622,125.00	\$15.00	\$533,250.00	\$533,250.00	\$88,875.00
606.3123	SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST	U	4.00	\$3,750.00	\$15,000.00	\$3,000.00	\$12,000.00	\$12,000.00	\$3,000.00
606.41252	54" SINGLE SLOPE CONCRETE BARRIER (PRECAST) TRANSITION TO BEAM GUARDRAIL	U	8.00	\$5,000.00	\$40,000.00	\$6,000.00	\$48,000.00	\$48,000.00	(\$8,000.00)
606.4135	54" SINGLE SLOPE CONCRETE BARRIER, PRECAST	LF	120.00	\$148.00	\$17,760.00	\$120.00	\$14,400.00	\$14,400.00	\$3,360.00
606.41351	54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST	LF	120.00	\$142.00	\$17,040.00	\$160.00	\$19,200.00	\$19,200.00	(\$2,160.00)
608.12	2" BITUMINOUS SIDEWALK (F)	SY	92.00	\$15.00	\$1,380.00	\$20.00	\$1,840.00	\$1,840.00	(\$460.00)
608.24	4" CONCRETE SIDEWALK (F)	SY	74.00	\$35.00	\$2,590.00	\$45.00	\$3,330.00	\$3,330.00	(\$740.00)
608.28	8" CONCRETE SIDEWALK (F)	SY	79.00	\$70.00	\$5,530.00	\$60.00	\$4,740.00	\$4,740.00	\$790.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	17.00	\$350.00	\$5,950.00	\$400.00	\$6,800.00	\$6,800.00	(\$850.00)
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$22.00	\$2,860.00	\$30.00	\$3,900.00	\$3,900.00	(\$1,040.00)
609.21	STRAIGHT GRANITE SLOPE CURB	LF	250.00	\$19.00	\$4,750.00	\$16.00	\$4,000.00	\$4,000.00	\$750.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	10.00	\$19.00	\$190.00	\$25.00	\$250.00	\$250.00	(\$60.00)
609.23	CURVED GRANITE SLOPE CURB	LF	4.00	\$75.00	\$300.00	\$75.00	\$300.00	\$300.00	\$0.00
609.5	RESET GRANITE CURB	LF	5,050.00	\$10.00	\$50,500.00	\$10.00	\$50,500.00	\$50,500.00	\$0.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	30.00	\$10.00	\$300.00	\$6.00	\$180.00	\$180.00	\$120.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	40.00	\$50.00	\$2,000.00	\$15.00	\$600.00	\$600.00	\$1,400.00
615.014	RELOCATING TRAFFIC SIGN TYPE A	U	1.00	\$5,700.00	\$5,700.00	\$300.00	\$300.00	\$300.00	\$5,400.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	2.00	\$1,000.00	\$2,000.00	\$250.00	\$500.00	\$500.00	\$1,500.00

615.034	RELOCATING TRAFFIC SIGN, TYPE C	U	2.00	\$500.00	\$1,000.00	\$175.00	\$350.00	\$650.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,000.00	\$7,000.00	\$7,300.00	\$7,300.00	(\$300.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	177,000.00	\$1.00	\$177,000.00	\$1.00	\$177,000.00	\$0.00
618.7	FLAGGERS	HR	600.00	\$27.00	\$16,200.00	\$22.00	\$13,200.00	\$3,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$256,500.00	\$256,500.00	\$200,000.00	\$200,000.00	\$56,500.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$2,000.00	\$8,000.00	\$3,000.00	\$12,000.00	(\$4,000.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,000.00	\$4,000.00	\$5,000.00	\$10,000.00	(\$6,000.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	440.00	\$4.00	\$1,760.00	\$3.75	\$1,650.00	\$110.00
621.31	SINGLE DELINEATOR WITH POST	EA	950.00	\$39.00	\$37,050.00	\$30.00	\$28,500.00	\$8,550.00
621.32	DOUBLE DELINEATOR WITH POST	EA	18.00	\$41.00	\$738.00	\$37.00	\$666.00	\$72.00
622.1	STEEL WITNESS MARKERS	EA	145.00	\$29.00	\$4,205.00	\$29.00	\$4,205.00	\$0.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	940.00	\$2.00	\$1,880.00	\$1.50	\$1,410.00	\$470.00
632.01069	SHORT TERM PAVEMENT MARKINGS, 6" LINE	LF	140,150.00	\$0.12	\$16,818.00	\$0.15	\$21,022.50	(\$4,204.50)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	18,700.00	\$1.25	\$23,375.00	\$0.75	\$14,025.00	\$9,350.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	2,350.00	\$1.50	\$3,525.00	\$0.60	\$1,410.00	\$2,115.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	300.00	\$2.00	\$600.00	\$1.50	\$450.00	\$150.00
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	30.00	\$3.00	\$90.00	\$1.80	\$54.00	\$36.00
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	300.00	\$3.00	\$900.00	\$2.00	\$600.00	\$300.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	20.00	\$4.00	\$80.00	\$4.45	\$89.00	(\$9.00)
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	205.00	\$9.00	\$1,845.00	\$8.00	\$1,640.00	\$205.00
632.71204	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 4" LINE	LF	2,300.00	\$1.10	\$2,530.00	\$1.00	\$2,300.00	\$230.00

632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	147,300.00	\$1.10	\$162,030.00	\$1.15	\$169,395.00	(\$7,365.00)
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	1,000.00	\$2.75	\$2,750.00	\$2.50	\$2,500.00	\$250.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	79,150.00	\$0.30	\$23,745.00	\$0.60	\$47,490.00	(\$23,745.00)
645.3	EROSION STONE	TON	55.00	\$30.00	\$1,650.00	\$23.00	\$1,265.00	\$385.00
645.44	TEMPORARY SLOPE STABILIZATION TYPE D (WILDLIFE FRIENDLY)	SY	4,050.00	\$2.00	\$8,100.00	\$1.75	\$7,087.50	\$1,012.50
645.45	PERMANENT CHANNEL STABILIZATION TYPE A	SY	220.00	\$3.00	\$660.00	\$2.50	\$550.00	\$110.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,050.00	\$5.50	\$5,775.00	\$3.75	\$3,937.50	\$1,837.50
645.531	SILT FENCE	LF	3,700.00	\$3.00	\$11,100.00	\$2.75	\$10,175.00	\$925.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	(\$500.00)
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	220.00	\$80.00	\$17,600.00	\$55.00	\$12,100.00	\$5,500.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	10,100.00	\$3.00	\$30,300.00	\$5.00	\$50,500.00	(\$20,200.00)
677.41001	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM FOUNDATION	U	1.00	\$27,500.00	\$27,500.00	\$12,000.00	\$12,000.00	\$15,500.00
677.4101	CCTV SYSTEM	U	1.00	\$62,500.00	\$62,500.00	\$55,000.00	\$55,000.00	\$7,500.00
677.54201	POLE MOUNTED ITS EQUIPMENT CABINET	U	1.00	\$18,500.00	\$18,500.00	\$9,000.00	\$9,000.00	\$9,500.00
677.5812	1 GBPS ETHERNET SWITCH	EA	1.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$2,000.00
692.	MOBILIZATION	U	1.00	\$263,500.00	\$263,500.00	\$250,000.00	\$250,000.00	\$13,500.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00
698.13	FIELD OFFICE TYPE C	MON	10.00	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00	\$0.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1008.92	ALTERATIONS AND ADDITIONS AS NEEDED - WIRELESS COMMUNICATIONS EQUIPMENT (SALVAGE TO DEPARTMENT)	\$	400.00	\$1.00	\$400.00	\$1.00	\$400.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	70,000.00	\$1.00	\$70,000.00	\$1.00	\$70,000.00	\$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	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00

**Total:** \$5,056,832.50 \$4,957,794.50 \$99,038.00





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/30/2017

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> 155 Court Street  Laconia NH 03246	<b>CONTACT NAME:</b> Linda L. Tikkanen, CISR <b>PHONE (A/C No. Ext):</b> (603) 524-2425 <b>FAX (A/C No.):</b> (603) 524-3666 <b>E-MAIL ADDRESS:</b> ltikkanen@crossagency.com													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Firemen's Ins. Co. of Washington</td> <td>21784</td> </tr> <tr> <td>INSURER B: Acadia Ins Co.</td> <td>31325</td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Firemen's Ins. Co. of Washington	21784	INSURER B: Acadia Ins Co.	31325	INSURER C:		INSURER D:		INSURER E:		INSURER F:
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A: Firemen's Ins. Co. of Washington	21784													
INSURER B: Acadia Ins Co.	31325													
INSURER C:														
INSURER D:														
INSURER E:														
INSURER F:														

**COVERAGES**                      **CERTIFICATE NUMBER: CL1732304147**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>Form CG0437 - \$100,000</b> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CPA0013804-33	3/31/2017	3/31/2018	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	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> MCS90 <input checked="" type="checkbox"/> CA9948			CAA0013801-33	3/31/2017	3/31/2018	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"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$			CUA5295253-10	3/31/2017	3/31/2018	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WPA0013797-34	3/31/2017	3/31/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**  
Project Canterbury, Northfield 41057  
The State of NH, Department of Transportation is listed as additional insured for ongoing operations when required in a written contract.

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation 7 Hazen Drive Concord, NH 03302	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE L Tikkanen, CISR/LXT <i>Linda L. Tikkanen</i>
---	---



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/30/2017

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> CROSS INSURANCE - LACONIA 155 Court Street  Laconia NH 03246		<b>CONTACT NAME:</b> Linda Tikkanen, CISR <b>PHONE (A/C, No, Ext):</b> (603) 524-2425 <b>FAX (A/C, No):</b> (603) 524-3666 <b>E-MAIL ADDRESS:</b> ltikkanen@crossagency.com																						
<b>INSURED</b> STATE OF NEW HAMPSHIRE DOT C/O CONTINENTAL PAVING, INC. ONE CONTINENTAL DRIVE LONDONDERRY NH 03053		<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A</td> <td>Acadia Ins Co.</td> <td>31325</td> </tr> <tr> <td>INSURER B:</td> <td></td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>		INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A	Acadia Ins Co.	31325	INSURER B:			INSURER C:			INSURER D:			INSURER E:			INSURER F:		
INSURER(S) AFFORDING COVERAGE		NAIC #																						
INSURER A	Acadia Ins Co.	31325																						
INSURER B:																								
INSURER C:																								
INSURER D:																								
INSURER E:																								
INSURER F:																								

**COVERAGES**                      **CERTIFICATE NUMBER: CL17103028612**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			OCP5326863-10	11/1/2017	9/1/2019	EACH OCCURRENCE	\$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	<input checked="" type="checkbox"/> Owners & Contractors Protective						MED EXP (Any one person)	\$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	\$
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE	\$ 3,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	\$
	<b>AUTOMOBILE LIABILITY</b>						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)	\$
								\$
	<b>UMBRELLA LIAB</b>						EACH OCCURRENCE	\$
	<input type="checkbox"/> EXCESS LIAB		<input type="checkbox"/> OCCUR				AGGREGATE	\$
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$		<input type="checkbox"/> CLAIMS-MADE					\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>						PER STATUTE	OTH-ER
	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 (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Project: Canterbury, Northfield 41057

<b>CERTIFICATE HOLDER</b>  State of New Hampshire Department of Transportation 7 Hazen Drive P.O. Box 483 Concord, NH 03302-0483	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  L Tikkanen, CISR/LXT <i>Linda Tikkanen</i>
--	--