



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



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Victoria F. Sheehan  
Commissioner

William Cass, P.E.  
Assistant Commissioner

Bureau of Construction  
June 23, 2022

His Excellency, Governor Christopher T. Sununu  
and the Honorable Council  
State House  
Concord, New Hampshire 03301

**REQUESTED ACTION**

Authorize the Department of Transportation to increase the contract value amount for Contract # Hillsborough X-A005(028), 43059 with Continental Paving, Inc., (Vendor # 155350), of Londonderry, NH, by \$250,000.00, (from \$3,593,613.90 to \$3,843,613.90) for fuel and asphalt increases on Hillsborough US 202 and NH 9 paving projects, in the town of Hillsborough, effective upon Governor and Council approval. 100% Federal Funds.

Funding is available as follows:

04-96-96-963515-3054

Consolidated Federal Aid

400-500870 Highway Contract Payments

FY 2023

\$250,000.00

**EXPLANATION**

The Hillsborough X-A005(028), 43059 contract was approved by Governor and Council on December 8, 2021 (Item # 29), on a basis of a low bid, for an original contract encumbrance of \$3,593,613.90. The contract is proposed to be increased by \$250,000.00 in accordance with the Standard Specifications to address the following items:

- In accordance with the contract terms, additional price adjustment for liquid fuel and asphalt cement will be required due to the market price escalation of oil. Estimated Cost is \$250,000.00.

Your approval of this resolution is respectfully requested.

Sincerely,

Victoria F. Sheehan  
Commissioner

Attachments



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION

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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  
October 13, 2021

**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 \$3,593,613.90 for pavement preservation in Hillsborough, from the date of Governor and Council approval through September 30, 2022, unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Years 2022 and 2023 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

Funding is available as follows:	<u>FY 2022</u>	<u>FY 2023</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$2,785,050.76	\$808,563.14

2. Further authorize that a contingency in the amount of \$179,680.70 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 2023</u>
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	\$179,680.70

**EXPLANATION**

This project is part of the State's Ten Year Transportation Improvement Plan under the Pave-T2-Resurfacing Program. The pavement preservation project on US 202/NH 9 begins at a pavement joint ~0.1 miles east of Icehouse Rd. easterly to a pavement joint 0.3 miles west of the Hillsborough/Henniker Town Line, including all ramps/slip ramps and a section of US 202 to NH 149, for a total of 8.5 centerline miles.

20401 – Hillsborough; US 202/ NH 9:

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US 202/NH 9:

- 13' x 2" spot inlays (1.0 mi),
- TW+1' 2" surface course inlay w/fog seal of shoulders (1.9 mi),
- TW+1' Bonded Wearing Course (BWC) w/fog seal of shoulders (2.9 mi)

US 202 Connector:

- Full Width 1-½" mill & 2" High Strength fill (0.3 mi)

Ramps:

- TW+1' 2" High Strength inlay w/fog seal of shoulders (1.2 mi),
- Full Width 1-½" mill & 2" High Strength fill (0.7 mi),
- Full Width ½" leveling w/Full Width 1" High Strength overlay (0.5 mi)

Accel/Decel Lanes:

- Full Width 1-½" High Strength inlay (0.5 mi),
- TW+1' 2" High Strength inlay (including gore area) w/fog seal of shoulders (0.5 mi);

The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, upgrading guardrail, curb ramp reconstruction, and drainage structure adjustments.

The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2021-2022 winter.

Although the bid costs exceeded the Department's estimate by 2.8% the low bid of 5 bids received is felt to be reasonable for the work involved. There were two items of significance that accounted for 100% of the overage (pavement marking & pavement). Re-advertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

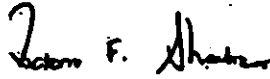
This project funding is: 80% Federal (Pave-T2-Resurf), with anticipated utilization of Turnpike Toll Credits for the State's 20% match, effectively using 100% Federal Funds.

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

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Your approval of this resolution is respectfully requested.

Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/pcj

Department Estimate: \$3,495,863.48

Contract Amount: \$3,593,613.90

Over Estimate: \$ 97,750.42

Attachments



# ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

PROJECT: HILLSBOROUGH  
 STATE PROJECT NUMBER: 43059  
 FED. PROJECT NUMBER: X-A005(028)  
 DATE BIDS OPEN: September 30, 2021,  
 SCOPE OF WORK: Pavement preservation  
 COMPLETION DATE: September 30, 2022  
 LOCATION: Hillsborough

Awarded To: CONTINENTAL PAVING INC  
 1-CONTINENTAL DRIVE  
 LONDONDERRY, NH 03053

Amount: \$3,593,613.90  
 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	\$3,593,613.90	A
PIKE INDUSTRIES, INC. 3 EASTGATE PARK ROAD, BELMONT NH 03220	\$3,633,689.33	B
EUROVIA ATLANTIC COAST LLC 216 MOUNT HERMON STATION ROAD, NORTHFIELD, MA 01360	\$3,785,280.10	C
GMI ASPHALT LLC 288 LACONIA ROAD, BELMONT NH 03220	\$3,930,838.38	D
BROX INDUSTRIES, INC. 147-1 METHUEN STREET, DRACUT MA 01826	\$3,986,452.68	E



# ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	PRICE		CONFIDENTIAL PAVING INC 1 COMMERCE DRIVE LONDONDERRY, NH 03053		PRICE INDUSTRIES, INC. 3 EASTBATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

292.7	REMOVAL OF GUARDRAIL	LF	8,600.00	\$3.20	\$17,900.00	\$4.00	\$22,000.00	\$3.00	\$18,600.00
293.5261	EAGRT PLATFORM PREFERRED	U	35.00	\$1,440.00	\$50,400.00	\$1,800.00	\$63,000.00	\$1,200.00	\$42,000.00
296.1	COMMON STRUCTURE EXCAVATION	CY	26.00	\$320.00	\$8,320.00	\$200.00	\$5,200.00	\$500.00	\$13,000.00
304.301	CRUSHED GRAVEL	CY	24.00	\$63.00	\$1,512.00	\$50.00	\$1,200.00	\$120.00	\$2,880.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,900.00	\$29.20	\$55,480.00	\$22.00	\$39,800.00	\$33.45	\$60,210.00
403.11042	HSP-1/2" SURFACE MIX, MACHINE METHOD, QC/QA TIER 2	TON	4,300.00	\$90.00	\$387,000.00	\$85.00	\$365,800.00	\$83.48	\$358,678.00
403.11942	HSP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	8,600.00	\$85.00	\$731,000.00	\$85.00	\$731,000.00	\$82.22	\$706,852.00
403.11952	HSP-3/4" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	328.00	\$90.00	\$29,520.00	\$98.00	\$31,300.00	\$158.38	\$51,905.20
403.12	HSP-HAND METHOD	TON	623.00	\$155.00	\$96,565.00	\$125.00	\$77,875.00	\$268.25	\$168,294.75
403.16	PAVEMENT JOINT ADHESIVE	LF	24,600.00	\$0.28	\$6,888.00	\$0.25	\$6,150.00	\$0.55	\$13,530.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	13,600.00	\$2.05	\$27,680.00	\$3.00	\$40,800.00	\$5.50	\$74,800.00
418.22	ASPHALT EMULSION FOR TACK COAT	GAL	18,800.00	\$4.40	\$82,720.00	\$5.00	\$94,000.00	\$4.50	\$84,780.00
418.782	EMULSIFIED ASPHALT FOG SEAL	GAL	20,700.00	\$4.25	\$87,975.00	\$4.00	\$82,800.00	\$4.00	\$82,800.00
418.783	COVER AGGREGATE	TON	22.00	\$1,730.00	\$38,060.00	\$1,300.00	\$28,600.00	\$1,500.00	\$33,000.00
413.8	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	2,900.00	\$2.17	\$6,293.00	\$3.25	\$9,425.00	\$3.25	\$9,425.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	118,200.00	\$2.50	\$2,955,000.00	\$2.00	\$2,364,000.00	\$2.17	\$2,565,134.00
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 6.5" DEEP	LF	2,400.00	\$8.80	\$21,120.00	\$10.00	\$24,000.00	\$1.50	\$3,600.00
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	21,900.00	\$1.70	\$37,230.00	\$1.25	\$27,375.00	\$1.26	\$27,594.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	20,300.00	\$0.50	\$10,150.00	\$0.50	\$10,150.00	\$0.20	\$4,060.00
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	8,200.00	\$1.20	\$9,840.00	\$0.80	\$6,560.00	\$0.50	\$4,100.00
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	18,200.00	\$1.80	\$32,760.00	\$2.80	\$50,960.00	\$2.10	\$38,220.00
418.13	BONDED WEARING COURSE, TYPE C	TON	2,800.00	\$133.00	\$372,400.00	\$125.00	\$350,000.00	\$137.65	\$385,220.00
418.3	POLYMER MODIFIED EMULSION FOR BWC	GAL	14,800.00	\$3.87	\$57,276.00	\$3.80	\$56,240.00	\$2.98	\$44,104.00
533.41	ASPHALTIC PLUG FOR CRACK CONTROL (P)	LF	238.00	\$110.00	\$26,180.00	\$115.00	\$27,370.00	\$115.00	\$27,370.00



# ABC Bid Data

HILLSBOROUGH  
43059  
X-A005(028)

Item No.	Description	Unit	Quantity	Price		CONFIDENTIAL PAVING INC 1 GORTON DRIVE LONGMEADOW, NH 03863		PRICE INDUSTRIES, INC. 3 GORTON DRIVE BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
603.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (P)	LF	282.00	\$134.00	\$37,788.00	\$140.00	\$39,480.00	\$143.00	\$40,800.00
604.007	POLYETHYLENE LINER	EA	62.00	\$134.00	\$8,968.00	\$125.00	\$7,920.00	\$150.00	\$7,800.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	62.00	\$483.00	\$25,116.00	\$500.00	\$28,000.00	\$485.00	\$25,220.00
604.62	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	6.00	\$472.00	\$2,832.00	\$500.00	\$3,000.00	\$500.00	\$3,000.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	276.00	\$14.00	\$3,850.00	\$25.00	\$6,875.00	\$20.00	\$5,500.00
606.012	W8X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	18.00	\$80.00	\$1,440.00	\$180.00	\$3,240.00	\$180.00	\$3,240.00
606.0122	W8X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	18.00	\$17.00	\$306.00	\$30.00	\$540.00	\$30.00	\$540.00
606.0142	6"X6" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	22.00	\$32.00	\$704.00	\$150.00	\$3,300.00	\$140.00	\$3,080.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EA07, TL 3) (STEEL POST)	U	36.00	\$3,500.00	\$122,800.00	\$4,100.00	\$143,800.00	\$4,100.00	\$143,900.00
606.18091	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	2,200.00	\$24.00	\$52,800.00	\$40.00	\$88,000.00	\$34.50	\$75,900.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	4.00	\$1,100.00	\$4,400.00	\$1,800.00	\$7,200.00	\$1,400.00	\$5,600.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	1.00	\$1,100.00	\$1,100.00	\$1,800.00	\$1,800.00	\$1,400.00	\$1,400.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	325.00	\$15.25	\$4,956.25	\$40.00	\$13,000.00	\$10.00	\$3,250.00
606.3401	4" CONCRETE SIDEWALK	SY	43.00	\$85.00	\$3,655.00	\$180.00	\$8,450.00	\$100.00	\$4,300.00
606.84	DETECTABLE WARNING DEVICES, CAST IRON	SY	18.00	\$450.00	\$4,800.00	\$500.00	\$8,000.00	\$900.00	\$5,000.00
606.81	STRAIGHT GRANITE CURB	LF	11.00	\$70.00	\$770.00	\$100.00	\$1,100.00	\$50.00	\$550.00
606.21	STRAIGHT GRANITE SLOPE CURB	LF	130.00	\$22.00	\$2,860.00	\$50.00	\$6,500.00	\$35.00	\$4,550.00
606.8	RESET GRANITE CURB	LF	696.00	\$18.00	\$12,528.00	\$20.00	\$13,920.00	\$40.00	\$27,840.00
606.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	940.00	\$11.00	\$10,340.00	\$10.00	\$9,400.00	\$15.00	\$14,100.00
615.013	REMOVING TRAFFIC SIGN TYPE A	U	6.00	\$1,300.00	\$7,800.00	\$1,000.00	\$6,000.00	\$950.00	\$5,700.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	38.00	\$134.70	\$4,041.00	\$350.00	\$10,500.00	\$325.00	\$9,750.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	\$178.31	\$178.31	\$1,000.00	\$1,000.00	\$500.00	\$500.00
615.0301	TRAFFIC SIGN TYPE C	SF	41.50	\$50.30	\$2,087.45	\$75.00	\$3,112.50	\$61.50	\$2,552.25
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	6.00	\$52.80	\$316.80	\$250.00	\$1,500.00	\$155.00	\$930.00
615.0401	TRAFFIC SIGN TYPE AA	SF	668.00	\$28.70	\$25,255.20	\$35.00	\$33,400.00	\$30.00	\$28,680.00



# ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	PS&A		CONTINENTAL PAVING INC 1 CONTINENTAL DRIVE LONDONDERRY, NH 03063		PICE INDUSTRIES, INC. 3 EASTWATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
018.043	REMOVING TRAFFIC SIGN TYPE AA	U	18.00	\$507.20	\$5,072.00	\$1,200.00	\$12,000.00	\$1,125.00	\$11,250.00
018.0601	TRAFFIC SIGN TYPE BB	SF	474.67	\$25.67	\$12,184.78	\$25.00	\$11,888.75	\$23.00	\$10,917.41
018.063	REMOVING TRAFFIC SIGN TYPE BB	U	13.00	\$35.00	\$462.00	\$1,000.00	\$13,000.00	\$110.00	\$1,430.00
018.0801	TRAFFIC SIGN TYPE CC	SF	22.00	\$18.00	\$418.00	\$20.00	\$440.00	\$30.00	\$440.00
018.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 60 FT	EA	2.00	\$1,165.00	\$2,330.00	\$1,800.00	\$3,600.00	\$1,200.00	\$2,400.00
018.96	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,700.00	\$7,700.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
018.81	UNIFORMED OFFICERS WITH VEHICLE	S	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00
018.7	FLAGGERS	HR	640.00	\$40.00	\$21,800.00	\$45.00	\$24,300.00	\$48.00	\$25,920.00
019.1	MAINTENANCE OF TRAFFIC	U	1.00	\$250,000.00	\$250,000.00	\$150,000.00	\$150,000.00	\$158,000.00	\$158,000.00
019.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,340.00	\$13,360.00	\$2,800.00	\$10,800.00	\$3,800.00	\$14,000.00
019.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,650.00	\$5,300.00	\$2,900.00	\$5,800.00	\$2,000.00	\$4,000.00
019.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,230.00	\$6,460.00	\$5,000.00	\$10,000.00	\$3,000.00	\$6,000.00
019.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
021.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	78.00	\$5.50	\$385.00	\$8.00	\$420.00	\$8.00	\$420.00
021.31	SINGLE DELINEATOR WITH POST	EA	118.00	\$55.00	\$6,450.00	\$55.00	\$6,450.00	\$88.00	\$10,211.00
021.32	DOUBLE DELINEATOR WITH POST	EA	18.00	\$80.00	\$1,440.00	\$80.00	\$1,440.00	\$78.00	\$1,501.00
022.2	SAWED BITUMINOUS PAVEMENT	LF	180.00	\$4.00	\$680.00	\$5.00	\$780.00	\$5.00	\$780.00
032.0104	RETROREFLECTIVE PAINT PAVL. MARKING, 4" LINE	LF	92,881.00	\$0.24	\$22,295.12	\$0.30	\$27,868.40	\$0.14	\$13,004.32
032.0108	RETROREFLECTIVE PAINT PAVL. MARKING, 6" LINE	LF	283,483.00	\$0.18	\$47,427.30	\$0.35	\$92,219.75	\$0.18	\$47,427.30
032.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	6,394.00	\$1.50	\$9,591.00	\$1.00	\$6,394.00	\$1.00	\$6,394.00
032.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	235.00	\$4.00	\$1,081.00	\$4.00	\$940.00	\$4.00	\$940.00
032.3104	RETROREFLECT. THERMOPLAS. PAVL. MARKING, 4" LINE	LF	123.00	\$3.00	\$369.00	\$2.00	\$246.00	\$2.00	\$246.00
032.3108	RETROREFLECT. THERMOPLAS. PAVL. MARKING, 6" LINE	LF	1,437.00	\$1.00	\$1,437.00	\$3.00	\$4,311.00	\$1.35	\$1,938.95
032.3112	RETROREFLECT. THERMOPLAS. PAVL. MARKING, 12" LINE	LF	6,775.00	\$3.30	\$22,357.50	\$8.00	\$40,650.00	\$2.50	\$16,937.50
032.3118	RETROREFLECT. THERMOPLAS. PAVL. MARKING, 18" LINE	LF	235.00	\$8.85	\$1,800.75	\$8.00	\$2,115.00	\$8.00	\$1,410.00
032.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	340.00	\$10.00	\$3,400.00	\$12.00	\$4,080.00	\$30.00	\$10,200.00



# ABC Bid Data

HILLSBOROUGH  
 43059  
 X-A005(028)

Item No.	Description	Unit	Quantity	P&AZ		CONFIDENTIAL PAVING INC 1 COMMERCIAL DRIVE LONDONDERRY, NH 03061		PINE INDUSTRIES, INC. 3 EASTGATE PARK ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
642.911	OBLETE RATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	40,483.00	\$0.58	\$23,472.02	\$0.80	\$32,334.50	\$0.83	\$34,368.63
643.612	COMPOST SOCK FOR PERIMETER BERM	LF	1,300.00	\$5.16	\$6,702.00	\$10.00	\$12,000.00	\$8.00	\$10,400.00
645.531	SILT FENCE	LF	1,300.00	\$3.14	\$4,082.00	\$8.00	\$10,400.00	\$3.00	\$3,900.00
645.611	BONDED FIBER MATRIX (BFM)	LB	1,800.00	\$1.40	\$2,520.00	\$4.00	\$7,200.00	\$1.80	\$3,240.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,800.00	\$1.30	\$3,640.00	\$3.00	\$8,400.00	\$1.80	\$5,040.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HURRUS	SY	12.00	\$47.00	\$564.00	\$100.00	\$1,200.00	\$25.00	\$300.00
632.	MOBILIZATION	U	1.00	\$210,000.00	\$210,000.00	\$225,000.00	\$225,000.00	\$280,000.00	\$280,000.00
638.12	FIELD OFFICE TYPE B	MON	8.00	\$1,700.00	\$13,600.00	\$3,000.00	\$24,000.00	\$2,100.00	\$16,800.00
638.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1808.291	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1818.16	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
1818.2	ASPHALT CEMENT ADJUSTMENT	\$	28,000.00	\$1.00	\$28,000.00	\$1.00	\$28,000.00	\$1.00	\$28,000.00
1818.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1818.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	31,068.00	\$1.00	\$31,068.00	\$1.00	\$31,068.00	\$1.00	\$31,068.00
Totals:				\$3,493,853.48	\$3,493,853.48	\$3,683,613.90	\$3,683,613.90	\$3,633,669.33	\$3,633,669.33
All Totals:									
Totals:				\$3,493,853.48	\$3,493,853.48	\$3,683,613.90	\$3,683,613.90	\$3,633,669.33	\$3,633,669.33

# ABC Bid Data

HILLSBOROUGH  
 43059  
 X-A005(028)

Item No.	Description	Unit	Quantity	Price		FURNISH ATLANTIC COAST LLC 210 MOUNT WASHINGTON STA ROAD NORTHFIELD, MA 01309		BIB ASPHALT LLC 288 LACONIA ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

202.7	REMOVAL OF GUARDRAIL	LF	5,500.00	\$3.20	\$17,600.00	\$2.25	\$12,625.00	\$2.10	\$11,550.00
203.661	EAGRT PLATFORM PREFERRED	U	38.00	\$1,440.00	\$50,400.00	\$1,250.00	\$43,750.00	\$1,500.00	\$52,500.00
208.1	COMMON STRUCTURE EXCAVATION	CY	28.00	\$320.00	\$8,320.00	\$84.63	\$1,580.90	\$100.00	\$2,800.00
304.301	CRUSHED GRAVEL	CY	24.00	\$83.00	\$1,512.00	\$95.85	\$2,302.80	\$100.00	\$2,400.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,500.00	\$29.20	\$52,500.00	\$43.00	\$61,000.00	\$30.00	\$54,000.00
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, OCGA TIER 2	TON	4,300.00	\$90.00	\$387,000.00	\$90.00	\$387,000.00	\$79.00	\$339,700.00
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, OCGA TIER 2	TON	6,500.00	\$85.00	\$551,000.00	\$100.00	\$650,000.00	\$86.00	\$557,800.00
403.11962	HBP-3/8" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, OCGA TIER 2	TON	320.00	\$90.00	\$28,800.00	\$200.00	\$64,000.00	\$86.00	\$27,520.00
403.12	HBP-HAND METHOD	TON	623.00	\$155.00	\$91,065.00	\$225.00	\$117,675.00	\$180.00	\$94,140.00
403.18	PAVEMENT JOINT ADHESIVE	LF	24,500.00	\$0.28	\$6,370.00	\$0.25	\$6,125.00	\$0.27	\$6,615.00
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	13,600.00	\$2.05	\$27,880.00	\$4.50	\$61,200.00	\$4.50	\$61,200.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,900.00	\$4.40	\$48,040.00	\$5.50	\$59,900.00	\$4.00	\$42,400.00
410.782	EMULSIFIED ASPHALT FOG SEAL	GAL	20,700.00	\$4.25	\$87,975.00	\$4.80	\$99,220.00	\$4.70	\$97,290.00
410.783	COVER AGGREGATE	TON	22.00	\$1,730.00	\$38,060.00	\$1,800.00	\$35,200.00	\$1,700.00	\$37,400.00
413.8	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	2,900.00	\$2.17	\$6,293.00	\$3.50	\$10,150.00	\$3.45	\$10,005.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	110,200.00	\$2.50	\$275,500.00	\$3.00	\$330,600.00	\$2.70	\$297,540.00
417.119	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 8.6" DEEP	LF	2,400.00	\$8.80	\$18,320.00	\$4.50	\$10,800.00	\$4.85	\$11,890.00
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	21,900.00	\$1.70	\$37,230.00	\$1.75	\$38,325.00	\$2.70	\$59,130.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	20,300.00	\$0.50	\$10,150.00	\$0.75	\$15,225.00	\$0.80	\$16,240.00
417.4122	RUMBLE STRIPS, 12" WIDE (SPURSIDAL)	LF	6,500.00	\$1.20	\$8,240.00	\$1.00	\$5,200.00	\$1.55	\$8,080.00
417.83	REMOVE AND RELAY EXISTING RUMBLE STRIPS	LF	16,200.00	\$1.80	\$27,360.00	\$4.00	\$61,200.00	\$2.35	\$33,720.00
418.13	BONDED WEARING COURSE, TYPE C	TON	2,600.00	\$135.00	\$351,000.00	\$85.50	\$170,300.00	\$125.00	\$325,000.00
418.3	POLYMER MODIFIED EMULSION FOR BWC	GAL	14,500.00	\$3.87	\$54,316.00	\$3.00	\$44,400.00	\$2.80	\$42,920.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	238.00	\$110.00	\$26,180.00	\$130.00	\$30,940.00	\$135.00	\$32,130.00

ABC Bid Data

HILLSBOROUGH  
 43059  
 X-A005(028)

Item No.	Description	Unit	Quantity	PAVE		EDRONE ATLANTIC COAST LLC 110 MOUNT HENRY STATION ROAD NORTHELD, MA 01208		ONE ASPHALT LLC 88 LACONIA ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
538.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (P)	LF	282.00	\$134.00	\$37,788.00	\$156.00	\$43,992.00	\$138.00	\$38,918.00
604.0007	POLYETHYLENE LINER	EA	62.00	\$134.00	\$8,308.00	\$148.00	\$9,176.00	\$140.00	\$8,680.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP DILET	LF	62.00	\$483.00	\$29,946.00	\$815.00	\$50,530.00	\$835.00	\$51,770.00
604.63	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	6.00	\$472.00	\$2,832.00	\$870.00	\$5,220.00	\$835.00	\$5,010.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	278.00	\$14.00	\$3,892.00	\$23.75	\$6,581.25	\$22.60	\$6,271.80
606.012	W8X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	18.00	\$89.00	\$1,602.00	\$168.00	\$3,024.00	\$138.00	\$2,484.00
606.0122	W8X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	18.00	\$17.00	\$306.00	\$38.00	\$684.00	\$28.90	\$520.20
606.0142	6"X6" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	22.00	\$32.90	\$723.80	\$77.00	\$1,694.00	\$150.00	\$3,300.00
606.1284	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	38.00	\$3,600.00	\$136,800.00	\$6,000.00	\$228,000.00	\$4,893.00	\$184,323.00
606.18001	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	2,200.00	\$24.00	\$52,800.00	\$48.75	\$107,250.00	\$34.55	\$76,010.00
606.34281	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	4.00	\$1,100.00	\$4,400.00	\$2,300.00	\$9,200.00	\$1,500.00	\$6,000.00
606.34282	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	1.00	\$1,100.00	\$1,100.00	\$2,300.00	\$2,300.00	\$1,500.00	\$1,500.00
606.916	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	325.00	\$15.25	\$4,956.25	\$45.00	\$14,625.00	\$11.00	\$3,575.00
608.2401	6" CONCRETE SIDEWALK	SY	43.00	\$85.00	\$3,655.00	\$315.00	\$13,545.00	\$122.00	\$5,246.00
608.84	DETECTABLE WARNING DEVICES, CAST IRON	SY	18.00	\$490.00	\$8,820.00	\$135.00	\$2,430.00	\$480.00	\$8,640.00
609.01	STRAIGHT GRANITE CURB	LF	11.00	\$70.00	\$770.00	\$82.00	\$902.00	\$75.00	\$825.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	130.00	\$22.00	\$2,860.00	\$78.00	\$10,140.00	\$30.00	\$3,900.00
609.5	RESET GRANITE CURB	LF	638.00	\$18.00	\$11,484.00	\$84.00	\$53,592.00	\$13.20	\$8,421.60
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	940.00	\$11.00	\$10,340.00	\$8.95	\$8,413.00	\$12.00	\$11,280.00
615.013	REMOVING TRAFFIC SIGN TYPE A	U	8.00	\$1,300.00	\$10,400.00	\$800.00	\$6,400.00	\$432.00	\$3,456.00
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	38.00	\$134.70	\$5,118.60	\$140.00	\$5,320.00	\$150.00	\$5,700.00
615.022	REMOVING TRAFFIC SIGN TYPE B	U	1.00	\$178.31	\$178.31	\$38.00	\$38.00	\$38.00	\$38.00
615.0301	TRAFFIC SIGN TYPE C	SF	41.00	\$50.30	\$2,062.30	\$48.00	\$1,968.00	\$45.00	\$1,845.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	6.00	\$52.80	\$316.80	\$38.00	\$228.00	\$34.80	\$208.80
615.0401	TRAFFIC SIGN TYPE AA	SF	688.00	\$28.70	\$19,745.60	\$38.00	\$26,144.00	\$38.40	\$26,419.20



# ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	P&A		EUROPA ATLANTIC COAST LLC 270 HOBBS MEMORIAL STATION ROAD NORTHFIELD, MA 01360		ONE ASPHALT LLC 288 LACONIA ROAD BELMONT, NH 03220	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
618.043	REMOVING TRAFFIC SIGN TYPE AA	U	18.00	\$507.20	\$9,072.00	\$175.00	\$1,750.00	\$173.00	\$1,730.00
618.061	TRAFFIC SIGN TYPE BB	SP	474.87	\$25.87	\$12,184.78	\$25.00	\$12,293.95	\$25.35	\$12,032.88
618.083	REMOVING TRAFFIC SIGN TYPE BB	U	13.00	\$35.80	\$462.90	\$36.00	\$468.00	\$34.80	\$448.80
618.081	TRAFFIC SIGN TYPE CC	SP	22.00	\$18.00	\$418.00	\$17.75	\$380.50	\$17.30	\$380.00
618.630	TRAFFIC SIGNAL DETECTOR LOOP 8 FT X 80 FT	EA	2.00	\$1,185.00	\$2,330.00	\$1,420.00	\$2,840.00	\$1,845.00	\$3,690.00
618.96	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,700.00	\$7,700.00	\$4,820.00	\$4,820.00	\$3,185.00	\$3,185.00
618.91	UNIFORMED OFFICERS WITH VEHICLE	S	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00
618.7	FLAGGERS	HR	\$48.00	\$40.00	\$21,600.00	\$42.00	\$22,680.00	\$37.00	\$19,980.00
618.1	MAINTENANCE OF TRAFFIC	U	1.00	\$250,000.00	\$250,000.00	\$155,000.00	\$155,000.00	\$352,000.00	\$352,000.00
618.23	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,340.00	\$13,360.00	\$3,200.00	\$12,800.00	\$4,150.00	\$16,600.00
618.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,800.00	\$5,300.00	\$2,200.00	\$4,400.00	\$3,670.00	\$7,340.00
618.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,230.00	\$6,460.00	\$2,800.00	\$5,200.00	\$4,725.00	\$9,450.00
618.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$9,000.00	\$9,000.00	\$12,400.00	\$12,400.00	\$28,000.00	\$28,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	78.00	\$5.50	\$385.00	\$8.00	\$630.00	\$6.95	\$486.60
621.31	SINGLE DELINEATOR WITH POST	EA	118.00	\$53.00	\$6,254.00	\$65.00	\$7,735.00	\$78.00	\$9,204.00
621.32	DOUBLE DELINEATOR WITH POST	EA	18.00	\$80.00	\$1,440.00	\$71.00	\$1,278.00	\$85.00	\$1,530.00
621.2	SAWED BITUMINOUS PAVEMENT	LF	158.00	\$4.80	\$758.40	\$18.00	\$2,844.00	\$3.00	\$474.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	\$2,833.00	\$0.24	\$22,293.12	\$0.25	\$23,222.00	\$0.25	\$23,222.00
632.0108	RETROREFLECTIVE PAINT PAVE. MARKING, 8" LINE	LF	263,485.00	\$0.18	\$47,427.30	\$0.30	\$79,045.50	\$0.28	\$78,410.63
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	6,394.00	\$1.50	\$9,591.00	\$2.25	\$12,138.50	\$2.30	\$12,408.20
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	238.00	\$4.00	\$1,081.00	\$8.00	\$1,410.00	\$9.20	\$2,182.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	123.00	\$3.00	\$369.00	\$2.25	\$278.75	\$2.30	\$282.90
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,437.00	\$1.80	\$2,586.20	\$3.50	\$5,029.50	\$3.45	\$4,957.65
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	6,776.00	\$3.30	\$22,357.60	\$4.75	\$32,181.25	\$4.80	\$31,165.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	235.00	\$8.85	\$1,800.75	\$8.55	\$2,042.25	\$10.35	\$2,432.25
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SP	340.00	\$10.00	\$3,400.00	\$11.75	\$3,965.00	\$11.55	\$3,927.00



# ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	FOBE		EUROPA ATLANTIC COAST LLC 170 HOLLY HICKORY STATION ROAD NORTHFIELD, MA 01360		ONE ASPHALT LLC 289 LACONA ROAD BELMONT, NH 03228	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
832.911	OBLITERATE PAVE. MARKING LINE. 12" WIDE & UNDER	LF	40,489.00	\$0.58	\$23,472.02	\$0.55	\$22,257.95	\$0.75	\$30,351.75
848.512	COMPOST SOCK FOR PERIMETER BERM	LF	1,200.00	\$5.16	\$6,192.00	\$7.00	\$8,400.00	\$9.00	\$10,800.00
848.531	SILT FENCE	LF	1,200.00	\$3.14	\$3,768.00	\$7.75	\$9,300.00	\$2.65	\$3,420.00
848.511	BONDED FIBER MATRIX (BFM)	LB	1,800.00	\$1.40	\$2,520.00	\$1.20	\$2,160.00	\$2.30	\$4,140.00
848.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,500.00	\$1.20	\$3,250.00	\$3.25	\$8,125.00	\$4.50	\$11,250.00
848.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HURUS	SY	12.00	\$47.00	\$564.00	\$185.00	\$2,220.00	\$70.00	\$840.00
832.	MOBILIZATION	U	1.00	\$210,000.00	\$210,000.00	\$155,000.00	\$155,000.00	\$325,000.00	\$325,000.00
838.12	FIELD OFFICE TYPE 8	MON	8.00	\$1,700.00	\$13,600.00	\$2,800.00	\$22,400.00	\$2,800.00	\$22,400.00
838.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
1010.15	FUEL ADJUSTMENT	\$	40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00	\$1.00	\$40,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	31,068.00	\$1.00	\$31,068.00	\$1.00	\$31,068.00	\$1.00	\$31,068.00
<b>Totals:</b>					<b>\$3,498,853.48</b>		<b>\$3,788,280.10</b>		<b>\$3,930,838.39</b>
<b>All Totals:</b>									
<b>Totals:</b>					<b>\$3,498,853.48</b>		<b>\$3,788,280.10</b>		<b>\$3,930,838.39</b>



# ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	Base		BROOK INDUSTRIES, INC. 1471 BETHLEHEM STREET ORANGE, MA 01939		Unit Price	Total
				Unit Price	Total	Unit Price	Total		

Items

202.7	REMOVAL OF GUARDRAIL	LF	6,600.00	\$3.20	\$17,900.00	\$4.00	\$22,000.00		
203.8881	EAGRT PLATFORM PREFERRED	U	33.00	\$1,440.00	\$50,400.00	\$1,800.00	\$63,000.00		
206.1	COMMON STRUCTURE EXCAVATION	CY	28.00	\$320.00	\$8,320.00	\$1,200.00	\$31,200.00		
304.301	CRUSHED GRAVEL	CY	24.00	\$83.00	\$1,512.00	\$150.00	\$3,600.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,800.00	\$28.20	\$52,560.00	\$42.00	\$78,000.00		
403.11043	HSP-1/2" SURFACE MIX, MACHINE METHOD, OQQA TIER 2	TON	4,300.00	\$80.00	\$387,000.00	\$88.00	\$378,400.00		
403.11942	HSP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, OQQA TIER 2	TON	6,600.00	\$85.00	\$561,000.00	\$84.00	\$620,400.00		
403.11952	HSP-3/8" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, OQQA TIER 2	TON	328.00	\$90.00	\$29,800.00	\$210.00	\$67,200.00		
403.12	HSP-HAND METHOD	TON	523.00	\$155.00	\$81,065.00	\$150.00	\$78,450.00		
403.18	PAVEMENT JOINT ADHESIVE	LF	34,500.00	\$0.28	\$9,370.00	\$0.75	\$18,375.00		
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	13,600.00	\$2.05	\$27,880.00	\$4.00	\$54,400.00		
418.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,600.00	\$4.40	\$46,640.00	\$5.00	\$53,000.00		
418.782	EMULSIFIED ASPHALT FOG SEAL	GAL	20,700.00	\$4.25	\$87,975.00	\$4.00	\$82,800.00		
418.783	COVER AGGREGATE	TON	22.00	\$1,730.00	\$38,060.00	\$1,400.00	\$30,800.00		
413.8	CRACK FILL PRIOR TO THEN LIFT OVERLAY	LB	2,900.00	\$2.17	\$6,293.00	\$3.25	\$9,425.00		
417.	COLD PLACING BITUMINOUS SURFACES	SY	110,200.00	\$2.50	\$275,500.00	\$3.00	\$330,600.00		
417.118	COLD PLACING BITUMINOUS SURFACES, 18" WIDE X 8.1" DEEP	LF	2,400.00	\$8.80	\$18,320.00	\$3.00	\$7,200.00		
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	21,900.00	\$1.70	\$37,230.00	\$2.15	\$47,085.00		
417.412	RUMBLE STRIPS, 12" WIDE	LF	20,300.00	\$0.50	\$10,150.00	\$0.80	\$12,180.00		
417.4122	RUMBLE STRIPS, 12" WIDE (SINUSOIDAL)	LF	8,200.00	\$1.20	\$9,240.00	\$1.70	\$18,940.00		
417.83	REMOVE AND DELAY EXISTING RUMBLE STRIPS	LF	18,300.00	\$1.80	\$27,960.00	\$2.25	\$34,200.00		
418.13	BONDED WEARING COURSE, TYPE C	TON	2,400.00	\$135.00	\$351,000.00	\$115.00	\$296,000.00		
418.3	POLYMER MODIFIED EMULSION FOR BWC	GAL	14,800.00	\$3.87	\$54,318.00	\$2.70	\$39,960.00		
833.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	238.00	\$110.00	\$26,180.00	\$110.00	\$26,180.00		

Item No.	Description	Unit	Quantity	PA&E		BROOK INDUSTRIES, INC. 1471 WETHERS STREET DORCHESTER, MA 01928		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
603.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (P)	LF	282.00	\$134.00	\$37,788.00	\$132.00	\$37,224.00		
604.007	POLYETHYLENE LINER	EA	62.00	\$134.00	\$8,968.00	\$100.00	\$7,800.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	62.00	\$483.00	\$25,116.00	\$425.00	\$22,100.00		
604.62	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	6.00	\$472.00	\$2,832.00	\$325.00	\$1,950.00		
608.0091	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	276.00	\$14.00	\$3,850.00	\$30.80	\$8,470.00		
608.012	WALKY STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	10.00	\$88.00	\$880.00	\$133.85	\$1,338.50		
608.0122	WALKY STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	10.00	\$17.00	\$170.00	\$23.85	\$238.50		
608.0142	6"X6" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	22.00	\$32.80	\$715.00	\$23.85	\$524.70		
608.1264	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	38.00	\$3,600.00	\$122,600.00	\$8,080.00	\$178,180.00		
608.18001	31" W-BEAM GUARDRAIL WITH 6" OFFSET BLOCK (STEEL POST)	LF	2,200.00	\$24.00	\$52,800.00	\$37.35	\$82,170.00		
608.34291	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, LEFT (STEEL POST)	U	4.00	\$1,100.00	\$4,400.00	\$1,420.00	\$5,880.00		
608.34292	SINGLE FACED ASYMMETRICAL TRANSITION RAIL, RIGHT (STEEL POST)	U	1.00	\$1,100.00	\$1,100.00	\$1,420.00	\$1,420.00		
608.916	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	323.00	\$15.25	\$4,956.25	\$11.25	\$3,658.25		
608.3401	4" CONCRETE SIDEWALK	SY	43.00	\$85.00	\$3,655.00	\$180.00	\$8,880.00		
608.64	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$450.00	\$4,500.00	\$600.00	\$6,000.00		
608.91	STRAIGHT GRANITE CURB	LF	11.00	\$70.00	\$770.00	\$45.00	\$495.00		
608.21	STRAIGHT GRANITE SLOPE CURB	LF	138.00	\$22.00	\$2,980.00	\$45.00	\$5,830.00		
608.6	RESET GRANITE CURB	LF	636.00	\$18.00	\$11,224.00	\$25.00	\$17,400.00		
608.611	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	940.00	\$11.00	\$10,340.00	\$12.00	\$11,280.00		
615.013	REMOVING TRAFFIC SIGN TYPE A	U	6.00	\$1,300.00	\$7,800.00	\$800.00	\$4,800.00		
615.02291	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	30.00	\$134.70	\$4,041.00	\$135.00	\$4,050.00		
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	\$178.31	\$178.31	\$32.00	\$32.00		
615.0301	TRAFFIC SIGN TYPE C	SF	41.60	\$50.30	\$2,087.48	\$40.00	\$1,660.00		
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	6.00	\$52.80	\$316.80	\$32.00	\$192.00		
615.0401	TRAFFIC SIGN TYPE AA	SF	668.00	\$28.70	\$25,525.20	\$34.00	\$32,504.00		

ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	P&A		BROOK INDUSTRIES, INC. 1471 METHUEN STREET METHUEN, MA 01752		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
618.043	REMOVING TRAFFIC SIGN TYPE AA	U	18.00	\$507.20	\$8,072.00	\$180.00	\$1,800.00		
618.0801	TRAFFIC SIGN TYPE BB	SF	474.87	\$25.67	\$12,184.78	\$24.00	\$11,392.08		
618.083	REMOVING TRAFFIC SIGN TYPE BB	U	13.00	\$35.80	\$462.80	\$33.00	\$429.00		
618.0801	TRAFFIC SIGN TYPE CC	SF	22.00	\$18.00	\$418.00	\$18.00	\$352.00		
618.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 80 FT	EA	2.00	\$1,165.00	\$2,330.00	\$3,500.00	\$7,000.00		
618.86	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$7,700.00	\$7,700.00	\$3,000.00	\$3,000.00		
618.81	UNIFORMED OFFICERS WITH VEHICLE	S	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00		
618.7	FLAGGERS	HR	848.00	\$40.00	\$21,800.00	\$55.00	\$29,700.00		
618.1	MAINTENANCE OF TRAFFIC	U	1.00	\$290,000.00	\$290,000.00	\$290,000.00	\$290,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$3,340.00	\$13,360.00	\$3,000.00	\$20,000.00		
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,630.00	\$5,260.00	\$3,500.00	\$7,000.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$3,230.00	\$6,460.00	\$4,500.00	\$9,000.00		
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$9,000.00	\$9,000.00	\$30,000.00	\$30,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	78.00	\$3.80	\$385.00	\$8.00	\$420.00		
621.31	SINGLE DELINEATOR WITH POST	EA	119.00	\$55.00	\$6,545.00	\$80.00	\$7,140.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	19.00	\$80.00	\$1,140.00	\$70.00	\$1,330.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	198.00	\$4.00	\$690.00	\$10.00	\$1,500.00		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	82,888.00	\$0.24	\$22,293.12	\$0.30	\$27,866.40		
632.0108	RETROREFLECTIVE PAINT PAVE. MARKING, 8" LINE	LF	283,488.00	\$0.18	\$47,427.30	\$0.25	\$92,218.75		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	5,394.00	\$1.80	\$8,091.00	\$1.00	\$5,394.00		
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 18" LINE	LF	236.00	\$4.00	\$1,081.00	\$5.00	\$1,173.00		
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	123.00	\$3.00	\$369.00	\$1.00	\$123.00		
632.3108	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 8" LINE	LF	1,437.00	\$1.80	\$2,290.20	\$2.00	\$2,874.00		
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	6,776.00	\$3.30	\$22,357.50	\$4.00	\$27,100.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	236.00	\$8.85	\$1,908.75	\$8.00	\$1,410.00		
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	348.00	\$10.00	\$3,400.00	\$8.00	\$2,720.00		



ABC Bid Data

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	Base		GROU INDUSTRIES, INC. 1071 WESTCHESTER STREET ORRISVT, MA 01468		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
632.911	OBLITERATE PAVE. MARIONG LIKE, 12" WIDE & UNDER	LF	40,483.00	\$0.58	\$23,472.02	\$0.50	\$20,234.50		
645.512	COMPOST SOCK FOR PERMETER BERMS	LF	1,200.00	\$5.16	\$6,192.00	\$7.00	\$8,400.00		
645.531	SILT FENCE	LF	1,200.00	\$3.14	\$3,768.00	\$3.00	\$3,600.00		
645.511	BONDED FIBER MATRIX (BFM)	LB	1,800.00	\$1.40	\$2,520.00	\$2.00	\$3,600.00		
648.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,800.00	\$1.30	\$3,250.00	\$6.00	\$16,800.00		
648.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	12.00	\$47.00	\$564.00	\$12.00	\$144.00		
692.	MOBILIZATION	U	1.00	\$210,000.00	\$210,000.00	\$300,000.00	\$300,000.00		
698.12	FIELD OFFICE TYPE B	MON	9.00	\$1,700.00	\$15,300.00	\$2,500.00	\$22,500.00		
698.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
1010.15	FUEL ADJUSTMENT	\$	48,000.00	\$1.00	\$48,000.00	\$1.00	\$48,000.00		
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00		
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	31,068.00	\$1.00	\$31,068.00	\$1.00	\$31,068.00		
Totals:					\$3,496,863.48		\$3,529,452.68		
All Totals:									
Totals:					\$3,496,863.48		\$3,529,452.68		



## PS&E Comparison

HILLSBOROUGH  
43059  
X-A005(028)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
202.7	REMOVAL OF GUARDRAIL	LF	5,500.00	\$4.00	\$22,000.00	\$3.20	\$17,600.00	\$4,400.00
203.5561	EAGRT PLATFORM PREFERRED	U	35.00	\$1,800.00	\$63,000.00	\$1,440.00	\$50,400.00	\$12,600.00
206.1	COMMON STRUCTURE EXCAVATION	CY	26.00	\$200.00	\$5,200.00	\$320.00	\$8,320.00	(\$3,120.00)
304.301	CRUSHED GRAVEL	CY	24.00	\$50.00	\$1,200.00	\$63.00	\$1,512.00	(\$312.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	1,800.00	\$22.00	\$39,600.00	\$29.20	\$52,560.00	(\$12,960.00)
403.11042	HBP-1/2" SURFACE MIX, MACHINE METHOD, QC/QA TIER 2	TON	4,300.00	\$85.00	\$365,500.00	\$90.00	\$387,000.00	(\$21,500.00)
403.11942	HBP-1/2" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	6,600.00	\$95.00	\$627,000.00	\$85.00	\$561,000.00	\$66,000.00
403.11952	HBP-3/8" SURFACE MIX, MACHINE METHOD, HIGH STRENGTH, QC/QA TIER 2	TON	320.00	\$98.00	\$31,360.00	\$90.00	\$28,800.00	\$2,560.00
403.12	HBP-HAND METHOD	TON	523.00	\$125.00	\$65,375.00	\$155.00	\$81,065.00	(\$15,690.00)
403.16	PAVEMENT JOINT ADHESIVE	LF	24,500.00	\$0.25	\$6,125.00	\$0.26	\$6,370.00	(\$245.00)
403.4	MATERIAL TRANSFER VEHICLE (MTV)	TON	13,600.00	\$3.00	\$40,800.00	\$2.05	\$27,880.00	\$12,920.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	10,600.00	\$5.00	\$53,000.00	\$4.40	\$46,640.00	\$6,360.00
410.752	EMULSIFIED ASPHALT FOG SEAL	GAL	20,700.00	\$4.00	\$82,800.00	\$4.25	\$87,975.00	(\$5,175.00)
410.753	COVER AGGREGATE	TON	22.00	\$1,300.00	\$28,600.00	\$1,730.00	\$38,060.00	(\$9,460.00)



## PS&E Comparison

HILLSBOROUGH  
43059  
X-A005(020)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	2,900.00	\$3.25	\$9,425.00	\$2.17	\$6,293.00	\$3,132.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	110,200.00	\$2.00	\$220,400.00	\$2.50	\$275,500.00	(\$55,100.00)
417.118	COLD PLANING BITUMINOUS SURFACES. 18" WIDE X 0.5" DEEP	LF	2,400.00	\$10.00	\$24,000.00	\$6.80	\$16,320.00	\$7,680.00
417.21	MICRO-MILLING BITUMINOUS SURFACES	SY	21,900.00	\$1.25	\$27,375.00	\$1.70	\$37,230.00	(\$9,855.00)
417.412	RUMBLE STRIPS. 12" WIDE	LF	20,300.00	\$0.60	\$12,180.00	\$0.50	\$10,150.00	\$2,030.00
417.4122	RUMBLE STRIPS. 12" WIDE (SINUSOIDAL)	LF	5,200.00	\$0.60	\$3,120.00	\$1.20	\$6,240.00	(\$3,120.00)
417.53	REMOVE AND INLAY EXISTING RUMBLE STRIPS	LF	15,200.00	\$2.50	\$38,000.00	\$1.80	\$27,360.00	\$10,640.00
419.13	BONDED WEARING COURSE. TYPE C	TON	2,600.00	\$125.00	\$325,000.00	\$135.00	\$351,000.00	(\$26,000.00)
419.3	POLYMER MODIFIED EMULSION FOR BWC.	GAL	14,800.00	\$3.60	\$53,280.00	\$3.87	\$54,316.00	(\$1,036.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	238.00	\$115.00	\$27,370.00	\$110.00	\$26,180.00	\$1,190.00
559.412	REPAIR ASPHALTIC PLUG EXPANSION JOINT (F)	LF	282.00	\$140.00	\$39,480.00	\$134.00	\$37,788.00	\$1,692.00
604.0007	POLYETHYLENE LINER	EA	52.00	\$135.00	\$7,020.00	\$134.00	\$6,968.00	\$52.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	52.00	\$500.00	\$26,000.00	\$483.00	\$25,118.00	\$884.00
604.52	RECONSTRUCTING/ADJUSTING DRAINAGE MANHOLES	LF	6.00	\$500.00	\$3,000.00	\$472.00	\$2,832.00	\$168.00
606.0001	STEEL BEAM FOR BEAM GUARDRAIL, INCLUDING HARDWARE	LF	275.00	\$25.00	\$6,875.00	\$14.00	\$3,850.00	\$3,025.00
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	10.00	\$180.00	\$1,800.00	\$89.00	\$890.00	\$910.00



# PS&E Comparison

HILLSBOROUGH

43069

X-A005(028)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	10.00	\$30.00	\$300.00	\$17.00	\$170.00	\$130.00
606.0142	6"X8" WOOD POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	22.00	\$150.00	\$3,300.00	\$32.50	\$715.00	\$2,585.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT. TL 3) (STEEL POST)	U	35.00	\$4,100.00	\$143,500.00	\$3,500.00	\$122,500.00	\$21,000.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	2,200.00	\$40.00	\$88,000.00	\$24.00	\$52,800.00	\$35,200.00
606.34201	SINGLE FACED ASYMMETRICAL TRANSITION RAIL LEFT (STEEL POST)	U	4.00	\$1,800.00	\$7,200.00	\$1,100.00	\$4,400.00	\$2,800.00
606.34202	SINGLE FACED ASYMMETRICAL TRANSITION RAIL RIGHT (STEEL POST)	U	1.00	\$1,800.00	\$1,800.00	\$1,100.00	\$1,100.00	\$700.00
606.915	RESETTING GUARDRAIL, BLOCK AND RAIL ONLY	LF	325.00	\$40.00	\$13,000.00	\$15.25	\$4,956.25	\$8,043.75
608.2401	4" CONCRETE SIDEWALK	SY	43.00	\$150.00	\$6,450.00	\$85.00	\$3,655.00	\$2,795.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	10.00	\$500.00	\$5,000.00	\$450.00	\$4,500.00	\$500.00
609.01	STRAIGHT GRANITE CURB	LF	11.00	\$100.00	\$1,100.00	\$70.00	\$770.00	\$330.00
609.21	STRAIGHT GRANITE SLOPE CURB	LF	130.00	\$50.00	\$6,500.00	\$22.00	\$2,860.00	\$3,640.00
609.5	RESET GRANITE CURB	LF	696.00	\$20.00	\$13,920.00	\$19.00	\$13,224.00	\$696.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	940.00	\$10.00	\$9,400.00	\$11.00	\$10,340.00	(\$940.00)
615.013	REMOVING TRAFFIC SIGN TYPE A	U	6.00	\$1,000.00	\$6,000.00	\$1,300.00	\$7,800.00	(\$1,800.00)
615.02201	TRAFFIC SIGN TYPE B, BREAKAWAY MOUNTS	SF	30.00	\$350.00	\$10,500.00	\$134.70	\$4,041.00	\$6,459.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	1.00	\$1,000.00	\$1,000.00	\$178.31	\$178.31	\$821.69



## PS&E Comparison

HILLSBOROUGH

43089

X-A005(028)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
615.0301	TRAFFIC SIGN TYPE C	SF	41.50	\$75.00	\$3,112.50	\$50.30	\$2,087.45	\$1,025.05
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	6.00	\$250.00	\$1,500.00	\$52.80	\$318.80	\$1,183.20
615.0401	TRAFFIC SIGN TYPE AA	SF	956.00	\$35.00	\$33,460.00	\$28.70	\$25,525.20	\$7,934.80
615.043	REMOVING TRAFFIC SIGN TYPE AA	U	10.00	\$1,200.00	\$12,000.00	\$507.20	\$5,072.00	\$6,928.00
615.0501	TRAFFIC SIGN TYPE BB	SF	474.87	\$25.00	\$11,866.75	\$25.67	\$12,184.78	(\$318.03)
615.053	REMOVING TRAFFIC SIGN TYPE BB	U	13.00	\$1,000.00	\$13,000.00	\$35.60	\$462.80	\$12,537.20
615.0601	TRAFFIC SIGN TYPE CC	SF	22.00	\$20.00	\$440.00	\$19.00	\$418.00	\$22.00
616.650	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 50 FT	EA	2.00	\$1,500.00	\$3,000.00	\$1,165.00	\$2,330.00	\$670.00
616.95	INSTALL TRAFFIC STUDY EQUIPMENT	U	1.00	\$5,000.00	\$5,000.00	\$7,700.00	\$7,700.00	(\$2,700.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	125,000.00	\$1.00	\$125,000.00	\$1.00	\$125,000.00	\$0.00
618.7	FLAGGERS	HR	540.00	\$45.00	\$24,300.00	\$40.00	\$21,600.00	\$2,700.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$150,000.00	\$150,000.00	\$250,000.00	\$250,000.00	(\$100,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$2,500.00	\$10,000.00	\$3,340.00	\$13,360.00	(\$3,360.00)
619.27	TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,650.00	\$5,300.00	(\$300.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$5,000.00	\$10,000.00	\$3,230.00	\$6,460.00	\$3,540.00
619.63	TRUCK-MOUNTED IMPACT ATTENUATOR, TEST LEVEL 3	U	1.00	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$1,000.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	70.00	\$8.00	\$420.00	\$5.50	\$385.00	\$35.00



## PS&E Comparison

HILLSBOROUGH

43059

X-A005(028)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
621.31	SINGLE DELINEATOR WITH POST	EA	119.00	\$55.00	\$6,545.00	\$55.00	\$6,545.00	\$0.00
621.32	DOUBLE DELINEATOR WITH POST	EA	19.00	\$60.00	\$1,140.00	\$60.00	\$1,140.00	\$0.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	150.00	\$5.00	\$750.00	\$4.60	\$690.00	\$60.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	92,888.00	\$0.30	\$27,866.40	\$0.24	\$22,293.12	\$5,573.28
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	263,485.00	\$0.35	\$92,219.75	\$0.18	\$47,427.30	\$44,792.45
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 4" LINE	LF	5,394.00	\$1.00	\$5,394.00	\$1.50	\$8,091.00	(\$2,697.00)
632.1118	PREFORMED RETROREFLECTIVE TAPE, TYPE (REMOVABLE) 18" LINE	LF	235.00	\$4.00	\$940.00	\$4.60	\$1,081.00	(\$141.00)
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	123.00	\$2.00	\$246.00	\$3.00	\$369.00	(\$123.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	1,437.00	\$3.00	\$4,311.00	\$1.60	\$2,299.20	\$2,011.80
632.3112	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE	LF	6,775.00	\$6.00	\$40,650.00	\$3.30	\$22,357.50	\$18,292.50
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	235.00	\$9.00	\$2,115.00	\$8.85	\$1,609.75	\$505.25
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	340.00	\$12.00	\$4,080.00	\$10.00	\$3,400.00	\$680.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	40,469.00	\$0.50	\$20,234.50	\$0.58	\$23,472.02	(\$3,237.52)
645.512	COMPOST SOCK FOR PERMETER BERM	LF	1,200.00	\$10.00	\$12,000.00	\$5.16	\$6,192.00	\$5,808.00
645.531	SILT FENCE	LF	1,200.00	\$6.00	\$7,200.00	\$3.14	\$3,768.00	\$3,432.00



## PS&E Comparison

HILLSBOROUGH  
43059  
X-A005(028)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
645.611	BONDED FIBER MATRIX (BFM)	LB	1,800.00	\$4.00	\$7,200.00	\$1.40	\$2,520.00	\$4,680.00
646.21	TURF ESTABLISHMENT WITHOUT MULCH	SY	2,500.00	\$3.00	\$7,500.00	\$1.30	\$3,250.00	\$4,250.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	12.00	\$100.00	\$1,200.00	\$47.00	\$564.00	\$636.00
692.	MOBILIZATION	U	1.00	\$225,000.00	\$225,000.00	\$210,000.00	\$210,000.00	\$15,000.00
698.12	FIELD OFFICE TYPE B	MON	9.00	\$3,000.00	\$27,000.00	\$1,700.00	\$15,300.00	\$11,700.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1008.251	ALTERATIONS AND ADDITIONS AS NEEDED - TEMPORARY PEDESTRIAN ACCOMMODATIONS	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$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	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.21	ASPHALT CEMENT ADJUSTMENT FOR EMULSION	\$	3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$0.00
1010.3	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) ASPHALT	\$	31,068.00	\$1.00	\$31,068.00	\$1.00	\$31,068.00	\$0.00
<b>Total:</b>					<b>\$3,593,613.90</b>		<b>\$3,495,863.48</b>	<b>\$97,750.42</b>

September 7, 2021

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** The pavement preservation project on US 202/NH 9 begins at a pavement joint ~0.1 miles east of Icehouse Rd easterly to a pavement joint 0.3 miles west of the Hillsborough/Henniker Town Line, including all ramps/slip ramps and a section of US 202 to NH 149, for a total of 8.5 centerline miles.

Section ID	Town/City	Road	Proposed Work	Length
20401	Hillsborough	US 202/ NH 9	<p><u>US 202/NH 9:</u> 13' x 2" spot inlays (1.0 mi), TW+1' 2" surface course inlay w/fog seal of shoulders (1.9 mi), TW+1' Bonded Wearing Course (BWC) w/fog seal of shoulders (2.9 mi)</p> <p><u>US 202 Connector:</u> Full Width 1-½" mill &amp; 2" High Strength fill (0.3 mi)</p> <p><u>Ramps:</u> TW+1' 2" High Strength inlay w/fog seal of shoulders (1.2 mi), Full Width 1-½" mill &amp; 2" High Strength fill (0.7 mi), Full Width ½" leveling w/Full Width 1" High Strength overlay (0.5 mi)</p> <p><u>Accel/Decel Lanes:</u> Full Width 1-½" High Strength inlay (0.5 mi), TW+1' 2" High Strength inlay (including gore area) w/fog seal of shoulders (0.5 mi)</p>	8.5 miles

**FEDERAL FUNDING:** Pave-T2-Resurf (80%), Turnpike Toll Credit (20%)

**CONTINGENCY:** The proposed contingency amount is 5% of the contract amount. This project was quantified based on field observations, aerial photos, and as-built plans. Field adjustments may be required due to varying field conditions. In addition, the sections will continue to deteriorate through the 2021-2022 winter.

**PROJECT INITIATED:** This project was initiated through the CY 2022 Federal Tier 2 Resurfacing Program. The Pavement Management Section has reviewed the road segment and identified it as a preservation candidate to keep the segment in good condition.

**PROJECT EXPLANATION:** The purpose of this project is to extend the life of the existing pavement infrastructure and minimize the need for costlier improvements in the near future. Work efforts include roadway resurfacing, upgrading guardrail, curb ramp reconstruction, and drainage structure adjustments.

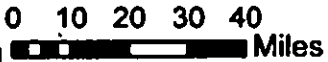
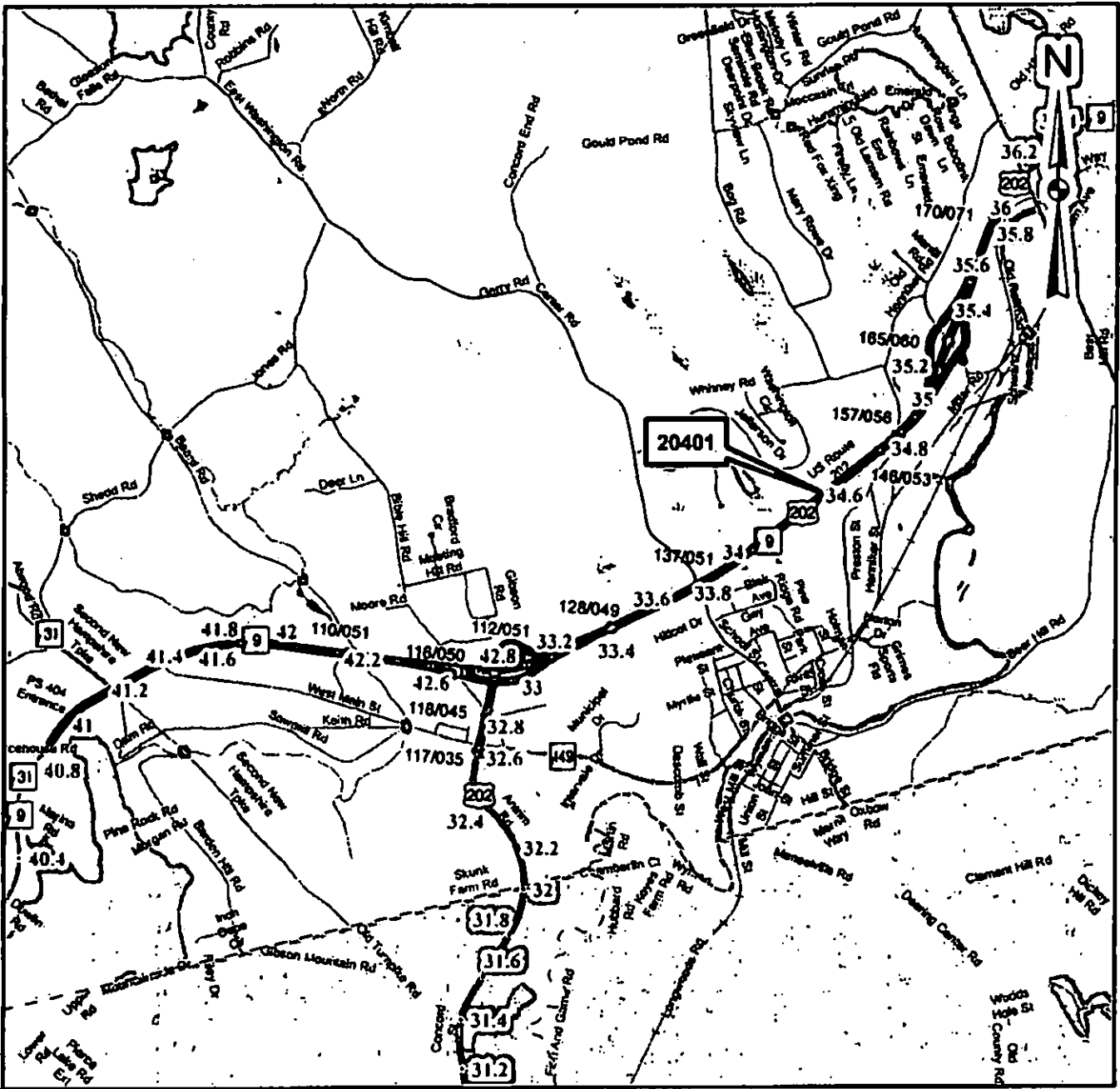
**TRAFFIC IMPLICATION:** This project will use one-lane, alternating two-way traffic, lane shifts, and shoulder closures where necessary to complete the work, supplemented with flaggers and officers. Work on mainline US 202/NH 9 will be day work. All ramp work and work on US 202 Connector will be night work.

**INTERMEDIATE COMPLETION DATE:** August 26, 2022 (BWC paving operations)

**FINAL COMPLETION DATE:** September 30, 2022.



# 20401-Hillsborough-US 202 & NH 9



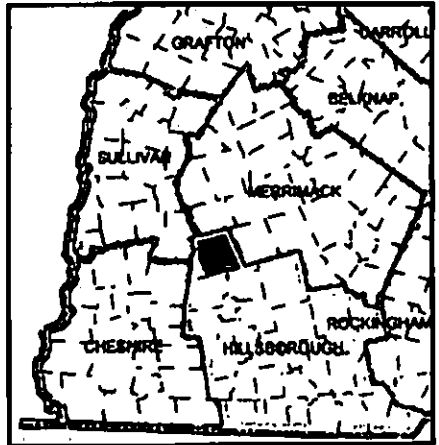
**LEGEND**

- Route Mile Markers
- 43059
- Turnpikes
- Interstates
- US Routes
- State Routes
- Ramps
- Bridge Decks

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

State #: 43059  
Federal #: X-A005(028)  
Paving ID #: 20401

**LOCATION MAP**





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/15/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Cross Insurance-Laconia 155 Court Street Laconia NH 03248		<b>CONTRACT NAME:</b> Linda Tikkanen, CISR <b>PHONE (AC, Hb, Ext):</b> (803) 524-2425 <b>FAX (AC, Hb):</b> (803) 524-3686 <b>E-MAIL ACCOUNT ID:</b> Lttikkanen@crossagency.com	
<b>INSURED</b> Continental Paving, Inc. One Continental Drive Londonderry NH 03053		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Fireman's Ins. Co. of Washington D.C. MAIC # 21784 <b>INSURER B:</b> Acadia Ins Co. 31325 <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	

COVERAGES CERTIFICATE NUMBER: CL213448811 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.

USER LTR	TYPE OF INSURANCE	ADDITIONAL INSURED (Y/N)	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 <input checked="" type="checkbox"/> Form CG0437 - \$100,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:		CPA0013804-37	03/31/2021	03/31/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 500,000 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	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Hired AUTOS ONLY <input checked="" type="checkbox"/> MCS90 <input checked="" type="checkbox"/> CA9848		CAA0013801-37	03/31/2021	03/31/2022	COMBINED SINGLE LIMIT (Per 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 RETENTION \$		CUA5295253-14	03/31/2021	03/31/2022	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000
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	WPA0013797-38	03/31/2021	03/31/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEES \$ 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)

Workers Compensation 3A States: NH, MA, ME  
Job Reference: Hillsborough X-A005(028)43050

The State of New Hampshire Department of Transportation is listed as additional insured on a primary and non-contributory basis for both ongoing and completed operations when required in a written contract. Waiver of Subrogation applies except where prohibited by State Statute.

## CERTIFICATE HOLDER

## CANCELLATION

State of New Hampshire Department of Transportation  
P.O. Box 483

Concord NH 03301

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

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/15/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Cross Insurance-Lacosta 155 Court Street  Lacosta NH 03248		<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>EMAIL ADDRESS:</b> lttikkanen@crossagency.com	
<b>INSURED</b> State of New Hampshire DOT 7 Hazen Drive PO Box 483 Concord NH 03302		<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A: Acadis Ins Co. MAIC # 31325 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

**COVERAGES** CERTIFICATE NUMBER: CL21101273004 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.

DESC LTR	TYPE OF INSURANCE	ADDITIONAL COVERAGE (DED / WVG)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Owners & Contractors Protective  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:		OCP5498106-10	10/15/2021	10/15/2022	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (EA occurrence) \$ 2,000,000 MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMPROP AGG \$ COMBINED SINGLE LIMIT (EA occurrence) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per occurrence) \$ PROPERTY DAMAGE (Per occurrence) \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY					EACH OCCURRENCE \$ AGGREGATE \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	<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				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Hillsborough X-A005(028) 43059

### CERTIFICATE HOLDER

### CANCELLATION

State of New Hampshire Department of Transportation  
7 Hazen Drive  
PO Box 483  
Concord NH 03302

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  
*Sarah Cullen*