



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



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Boonlae

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
January 25, 2016

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

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Delucca Fence Company, Inc. (Vendor 161385) of Methuen, MA on the basis of a low bid of \$932,434.50 for construction of approximately 22,000 feet of beam guardrail and the replacement of approximately 100 "F" terminal guardrail units throughout the State, from the date of Governor and Council approval through September 23, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$600,000.00	\$332,434.50

2. Further authorize that a contingency in the amount of \$65,270.42 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 7% of the contract amount.

Funding is available as follows:	<u>FY 2016</u>	<u>FY 2017</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$42,000.00	\$23,270.42

EXPLANATION

This project is part of the State' Ten Year Plan, under the Highway Safety Improvement Program. The existing F units which dive into the ground and are attached to a concrete anchor were originally constructed in the mid 1980's and do not meet current safety standards. The intent of the project is to replace the existing sub-standard "F" terminal end unit guardrail with new steel post and beam guardrail and extend the guardrail where necessary to bring the guardrail up to current standards. This project will continue the Department's "Driving Toward Zero" initiative, protecting against serious run-off the road crashes.

This project involves the construction of approximately 22,000 feet of beam guardrail and the replacement of approximately 100 "F" terminal guardrail units. The existing "F" terminal units will be upgraded to meet the current w-beam guardrail end unit standards. The "F" terminal units are at various locations throughout maintenance Districts 4 and 5.

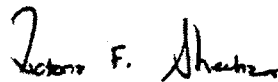
The Contingency amount is proposed to be 7% and is required as this work will require some amount of adjustment (guardrail extensions, grading and environmental protection measures) due to varying field conditions and cost overruns could be encountered. Ground survey in these types of projects is not acquired in order to keep the engineering cost low.

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 that 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: \$985,881.50
Contract Amount: \$932,434.50
Under Estimate: \$ 53,447.00

Attachments

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project involves the construction of approximately 22,000 feet of beam guardrail and the replacement of approximately 100 "F" terminal guardrail units. The existing "F" terminal units will be upgraded to meet the current w-beam guardrail end unit standards. The "F" terminal units are at various locations throughout maintenance Districts 4 and 5. Breakdown of the towns and routes this project encompasses is as follows:

The work is located in the Towns and Routes as follows:

- Greenville and Stoddard on NH Route 123 (1,050 feet of new guardrail),
- Wilton, on NH Route 31 (1,900 feet of new guardrail),
- Peterborough, on US Route 202 (975 feet of new guardrail),
- Stoddard, on NH Route 123 (225 feet of new guardrail),
- Marlow, on NH Route 10 (860 feet of new guardrail),
- Acworth, on NH Route 123A (500 feet of new guardrail).
- Hollis, on NH Route 111 (1,350 feet of new guardrail),
- Brookline, on NH Route 13 (5,225 feet of new guardrail),
- Auburn, on NH Route 121 (260 feet of new guardrail),
- Hooksett, on US Route 3/NH Route 28 (3,260 feet of new guardrail),
- New Boston, on NH Route 136 (250 feet of new guardrail),
- Goffstown and Weare on NH Route 114 (1,303 feet of new guardrail),
- Hopkinton and Webster, on NH Route 127 (649 feet of new guardrail),
- Concord, on NH Route 9 (1,875 feet of new guardrail),
- Boscawen, on US Route 4 (400 feet of new guardrail) and
- Northfield, on NH Route 132 (1,930 feet of new guardrail).

FEDERAL FUNDING: The Construction funding is identified from the Highway Safety Improvement Program (HSIP #6767) at 90% Federal Funding with the anticipated utilization of Turnpike Toll Credits as the State's 10% match.

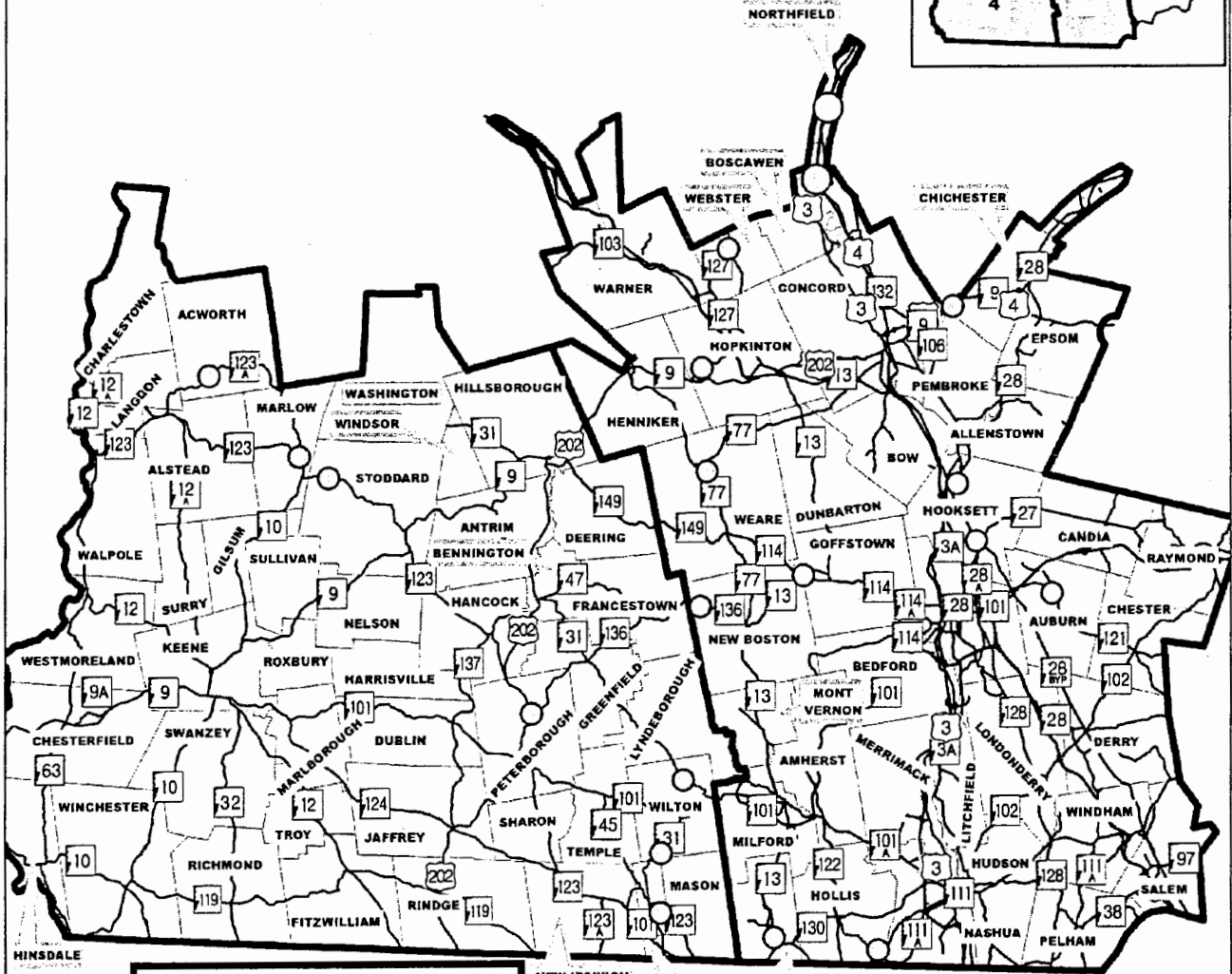
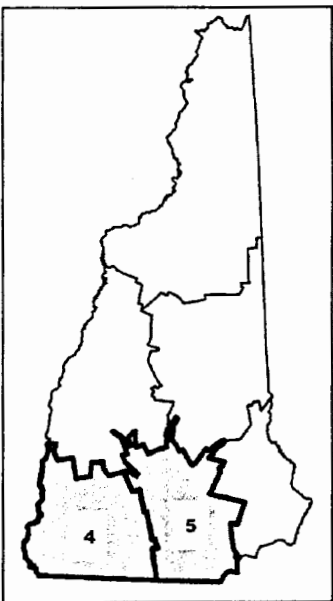
CONTINGENCY: The Contingency amount is proposed to be 7% and is required as this work will require some amount of adjustment (guardrail extensions, grading and environmental protection measures) due to varying field conditions and cost overruns could be encountered. Ground survey in these types of projects is not acquired in order to keep the engineering cost low.

PROJECT INITIATED: State's Ten-Year Plan – under the HSIP Program.

PROJECT EXPLANATION: The existing F-Units which dive into the ground and are attached to a concrete anchor were originally constructed in the mid 1980's and do not meet current safety standards. The intent of the project is to replace the existing sub-standard "F" terminal end unit guardrail with new steel post and beam guardrail and extend the guardrail where necessary to bring the guardrail up to current standards. This project will continue the Departments "Driving Toward Zero" initiative, protecting against serious run-off the road crashes.

TRAFFIC IMPLICATIONS: Due to heavy traffic volumes (16,000 ADT) and 4 feet shoulders on US Route 3/NH Route 28 in Hooksett, guardrail work will be completed at night (9:00 PM – 5:00 AM). At all other locations alternating one-lane, alternating two-way traffic will be permitted with the use of flaggers or uniformed officers. A 14-foot minimum width lane will be provided for alternating one-lane, alternating two-way traffic and will be restored to two-way traffic prior to non-work hours. Daytime shoulder closures will be permitted in conjunction with traffic shifts allowing for guardrail and other operations, where feasible.

COMPLETION DATE: September 23, 2016



**STATEWIDE 28655
DISTRICT'S 4 & 5**

○ INDICATES GUARDRAIL REPLACEMENT LOCATIONS



STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN

GENERAL PLANS

MODEL	DGN	STATE PROJECT NO.	SHEET NO.	SHEET TOTAL
Default	28655+fsc	28655	1	1

**State of New Hampshire
Department of Transportation**

28655.01

Project: STATEWIDE X-A003(765) 28655
County and Code: HILLSBOROUGH COUNTY 011, MERRIMACK 013 &
ROCKINGHAM 015
Date Bids Open: January 7, 2016
Scope of Work: GUARDRAIL INSTALLATION
Location: SEE THE PROSECUTION OF WORK
Completion Date: September 23, 2016

A DELUCCA FENCE COMPANY, INC. FIVE OLD FERRY ROAD METHUEN, MA 01844	\$932,434.50
B PREMIER FENCE LLC 41 LEDIN DRIVE AVON, MA 02322	\$1,017,034.00

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
202.6	CURB REMOVAL FOR STORAGE	LF	245.00	\$8.00	\$1,960.00	\$10.50	\$2,572.50		
202.7	REMOVAL OF GUARDRAIL	LF	21,000.00	\$1.25	\$26,250.00	\$1.64	\$34,440.00		
203.1	COMMON EXCAVATION	CY	80.00	\$35.00	\$2,800.00	\$27.50	\$2,200.00		
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	500.00	\$9.50	\$4,750.00	\$17.00	\$8,500.00		
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 3	U	50.00	\$850.00	\$42,500.00	\$965.00	\$48,250.00		
203.55554	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 2 - 25'	U	61.00	\$750.00	\$45,750.00	\$865.00	\$52,765.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$55.00	\$825.00	\$58.00	\$870.00		
206.2	ROCK STRUCTURE EXCAVATION	CY	6.00	\$75.00	\$450.00	\$95.00	\$570.00		
304.301	CRUSHED GRAVEL	CY	60.00	\$35.00	\$2,100.00	\$32.00	\$1,920.00		
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	75.00	\$37.00	\$2,775.00	\$42.00	\$3,150.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$185.00	\$1,850.00	\$250.00	\$2,500.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	800.00	\$0.55	\$440.00	\$2.00	\$1,600.00		
563.3	BRIDGE RAIL T101	LF	100.00	\$185.00	\$18,500.00	\$144.00	\$14,400.00		
565.73	BRIDGE APPROACH RAIL F (3-BAR)	U	1.00	\$9,790.00	\$9,790.00	\$11,236.00	\$11,236.00		
565.7301	BRIDGE APPROACH RAIL F, (3-BAR) (FULL HEIGHT)	LF	70.00	\$295.00	\$20,650.00	\$328.00	\$22,960.00		
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	18.00	\$325.00	\$5,850.00	\$460.00	\$8,280.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$450.00	\$1,350.00	\$489.00	\$1,467.00		
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	130.00	\$48.00	\$6,240.00	\$54.00	\$7,020.00		

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	130.00	\$14.50	\$1,885.00	\$12.00	\$1,560.00		
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	1,975.00	\$14.25	\$28,143.75	\$16.42	\$32,429.50		
606.1202	BEAM GUARDRAIL (STANDARD SECTION - DOUBLE NESTED) (STEEL POST)	LF	175.00	\$20.00	\$3,500.00	\$32.84	\$5,747.00		
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	47.00	\$1,700.00	\$79,900.00	\$1,817.00	\$85,399.00		
606.12551	BEAM GUARDRAIL (TERMINAL UNIT EGART, TL 2 - 25') (STEEL POSTS)	U	61.00	\$1,700.00	\$103,700.00	\$1,697.00	\$103,517.00		
606.1256	TERMINAL UNIT (X-TENSION)	U	3.00	\$5,250.00	\$15,750.00	\$5,940.00	\$17,820.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$425.00	\$425.00	\$570.00	\$570.00		
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	12.00	\$2,400.00	\$28,800.00	\$2,514.00	\$30,168.00		
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	100.00	\$22.00	\$2,200.00	\$24.28	\$2,428.00		
606.15809	STEEL BEAM GUARDRAIL, 7'-6" STEEL POST (NU-GUARD31)	LF	1,800.00	\$19.50	\$35,100.00	\$17.68	\$31,824.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	13,550.00	\$14.25	\$193,087.50	\$18.14	\$245,797.00		
606.181	31" W-BEAM GUARDRAIL LONG SPAN (12'-6") (STEEL POST)	U	3.00	\$3,335.00	\$10,005.00	\$1,950.00	\$5,850.00		
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-9") (STEEL POST)	U	3.00	\$3,515.00	\$10,545.00	\$2,130.00	\$6,390.00		

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
606.183	31" W-BEAM GUARDRAIL LONG SPAN (25'-0") (STEEL POST)	U	1.00	\$3,695.00	\$3,695.00	\$2,310.00	\$2,310.00		
606.332	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST	U	3.00	\$425.00	\$1,275.00	\$408.00	\$1,224.00		
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	62.00	\$86.00	\$5,332.00	\$100.00	\$6,200.00		
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$32.00	\$4,160.00	\$30.00	\$3,900.00		
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	180.00	\$22.00	\$3,960.00	\$30.00	\$5,400.00		
609.224	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 4" HIGH	LF	15.00	\$24.00	\$360.00	\$30.00	\$450.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	800.00	\$12.00	\$9,600.00	\$7.50	\$6,000.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
618.7	FLAGGERS	HR	2,000.00	\$12.25	\$24,500.00	\$14.70	\$29,400.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$57,705.00	\$57,705.00	\$31,440.00	\$31,440.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	24.00	\$100.00	\$2,400.00	\$360.00	\$8,640.00		
621.21	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR (WHITE)	EA	340.00	\$4.00	\$1,360.00	\$4.00	\$1,360.00		
621.31	SINGLE DELINEATOR WITH POST	EA	60.00	\$30.00	\$1,800.00	\$32.00	\$1,920.00		
621.32	DOUBLE DELINEATOR WITH POST	EA	60.00	\$35.00	\$2,100.00	\$36.00	\$2,160.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	230.00	\$1.50	\$345.00	\$3.00	\$690.00		
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	5,425.00	\$1.00	\$5,425.00	\$3.85	\$20,886.25		
645.531	SILT FENCE	LF	5,425.00	\$2.00	\$10,850.00	\$1.85	\$10,036.25		

Item No:	Description	Unit	Quantity	A		B		Unit Price	Total
				Unit Price	Total	Unit Price	Total		
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	5,950.00	\$1.50	\$8,925.00	\$3.45	\$20,527.50		
647.1	HUMUS	CY	580.00	\$33.00	\$19,140.00	\$32.50	\$18,850.00		
692	MOBILIZATION	U	1.00	\$41,631.25	\$41,631.25	\$31,440.00	\$31,440.00		
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00		
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00		
					\$932,434.50		\$1,017,034.00		

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
202.6	CURB REMOVAL FOR STORAGE	LF	245.00	\$8.00	\$1,960.00	\$4.50	\$1,102.50	\$857.50
202.7	REMOVAL OF GUARDRAIL	LF	21,000.00	\$1.25	\$26,250.00	\$1.50	\$31,500.00	(\$5,250.00)
203.1	COMMON EXCAVATION	CY	80.00	\$35.00	\$2,800.00	\$50.00	\$4,000.00	(\$1,200.00)
203.5540	GUARDRAIL TAPERED RAIL PLATFORM	LF	500.00	\$9.50	\$4,750.00	\$12.50	\$6,250.00	(\$1,500.00)
203.55542	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 3	U	50.00	\$850.00	\$42,500.00	\$1,000.00	\$50,000.00	(\$7,500.00)
203.55554	GUARDRAIL EAGRT OFFSET PLATFORM ALTERNATE, TL 2 - 25'	U	61.00	\$750.00	\$45,750.00	\$1,000.00	\$61,000.00	(\$15,250.00)
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	15.00	\$55.00	\$825.00	\$60.00	\$900.00	(\$75.00)
206.2	ROCK STRUCTURE EXCAVATION	CY	6.00	\$75.00	\$450.00	\$59.00	\$354.00	\$96.00
304.301	CRUSHED GRAVEL	CY	60.00	\$35.00	\$2,100.00	\$70.00	\$4,200.00	(\$2,100.00)
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	75.00	\$37.00	\$2,775.00	\$40.00	\$3,000.00	(\$225.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	10.00	\$185.00	\$1,850.00	\$160.00	\$1,600.00	\$250.00
403.6	PAVEMENT JOINT ADHESIVE	LF	800.00	\$0.55	\$440.00	\$1.10	\$880.00	(\$440.00)
563.3	BRIDGE RAIL T101	LF	100.00	\$185.00	\$18,500.00	\$160.00	\$16,000.00	\$2,500.00
565.73	BRIDGE APPROACH RAIL F (3-BAR)	U	1.00	\$9,790.00	\$9,790.00	\$4,200.00	\$4,200.00	\$5,590.00
565.7301	BRIDGE APPROACH RAIL F, (3-BAR) (FULL HEIGHT)	LF	70.00	\$295.00	\$20,650.00	\$100.00	\$7,000.00	\$13,650.00
565.802	ADJUSTING BRIDGE APPROACH RAIL	U	18.00	\$325.00	\$5,850.00	\$650.00	\$11,700.00	(\$5,850.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	3.00	\$450.00	\$1,350.00	\$500.00	\$1,500.00	(\$150.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.012	W6X9 STEEL POST REPLACEMENTS FOR BEAM GUARDRAIL POSTS	EA	130.00	\$48.00	\$6,240.00	\$65.00	\$8,450.00	(\$2,210.00)
606.0122	W6X9 STEEL POST ASSEMBLIES FOR BEAM GUARDRAIL POSTS	EA	130.00	\$14.50	\$1,885.00	\$16.00	\$2,080.00	(\$195.00)
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	1,975.00	\$14.25	\$28,143.75	\$11.50	\$22,712.50	\$5,431.25
606.1202	BEAM GUARDRAIL (STANDARD SECTION - DOUBLE NESTED) (STEEL POST)	LF	175.00	\$20.00	\$3,500.00	\$24.00	\$4,200.00	(\$700.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	47.00	\$1,700.00	\$79,900.00	\$2,000.00	\$94,000.00	(\$14,100.00)
606.12551	BEAM GUARDRAIL (TERMINAL UNIT EGART, TL 2 - 25') (STEEL POSTS)	U	61.00	\$1,700.00	\$103,700.00	\$1,600.00	\$97,600.00	\$6,100.00
606.1256	TERMINAL UNIT (X-TENSION)	U	3.00	\$5,250.00	\$15,750.00	\$5,000.00	\$15,000.00	\$750.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$425.00	\$425.00	\$500.00	\$500.00	(\$75.00)
606.1285	BEAM GUARDRAIL (BRIDGE APPROACH UNIT)	U	12.00	\$2,400.00	\$28,800.00	\$3,500.00	\$42,000.00	(\$13,200.00)
606.141	BEAM GUARDRAIL (CURVED W/CRT POSTS)	LF	100.00	\$22.00	\$2,200.00	\$23.00	\$2,300.00	(\$100.00)
606.15809	STEEL BEAM GUARDRAIL, 7'-6" STEEL POST (NU-GUARD31)	LF	1,800.00	\$19.50	\$35,100.00	\$20.00	\$36,000.00	(\$900.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	13,550.00	\$14.25	\$193,087.50	\$15.00	\$203,250.00	(\$10,162.50)
606.181	31" W-BEAM GUARDRAIL LONG SPAN (12'-6") (STEEL POST)	U	3.00	\$3,335.00	\$10,005.00	\$2,000.00	\$6,000.00	\$4,005.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
606.182	31" W-BEAM GUARDRAIL LONG SPAN (18'-9") (STEEL POST)	U	3.00	\$3,515.00	\$10,545.00	\$2,400.00	\$7,200.00	\$3,345.00
606.183	31" W-BEAM GUARDRAIL LONG SPAN (25'-0") (STEEL POST)	U	1.00	\$3,695.00	\$3,695.00	\$2,800.00	\$2,800.00	\$895.00
606.332	SINGLE-FACED THRIE BEAM TRANSITION RAIL, STEEL POST	U	3.00	\$425.00	\$1,275.00	\$350.00	\$1,050.00	\$225.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	62.00	\$86.00	\$5,332.00	\$80.00	\$4,960.00	\$372.00
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$32.00	\$4,160.00	\$34.00	\$4,420.00	(\$260.00)
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	180.00	\$22.00	\$3,960.00	\$20.00	\$3,600.00	\$360.00
609.224	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS, 4" HIGH	LF	15.00	\$24.00	\$360.00	\$25.00	\$375.00	(\$15.00)
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	800.00	\$12.00	\$9,600.00	\$12.00	\$9,600.00	\$0.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
618.7	FLAGGERS	HR	2,000.00	\$12.25	\$24,500.00	\$22.00	\$44,000.00	(\$19,500.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$57,705.00	\$57,705.00	\$25,000.00	\$25,000.00	\$32,705.00
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	24.00	\$100.00	\$2,400.00	\$250.00	\$6,000.00	(\$3,600.00)
621.21	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR (WHITE)	EA	340.00	\$4.00	\$1,360.00	\$4.00	\$1,360.00	\$0.00
621.31	SINGLE DELINEATOR WITH POST	EA	60.00	\$30.00	\$1,800.00	\$33.50	\$2,010.00	(\$210.00)
621.32	DOUBLE DELINEATOR WITH POST	EA	60.00	\$35.00	\$2,100.00	\$36.00	\$2,160.00	(\$60.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	230.00	\$1.50	\$345.00	\$2.25	\$517.50	(\$172.50)
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	5,425.00	\$1.00	\$5,425.00	\$5.00	\$27,125.00	(\$21,700.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
645.531	SILT FENCE	LF	5,425.00	\$2.00	\$10,850.00	\$3.00	\$16,275.00	(\$5,425.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	5,950.00	\$1.50	\$8,925.00	\$3.00	\$17,850.00	(\$8,925.00)
647.1	HUMUS	CY	580.00	\$33.00	\$19,140.00	\$35.00	\$20,300.00	(\$1,160.00)
692	MOBILIZATION	U	1.00	\$41,631.25	\$41,631.25	\$30,000.00	\$30,000.00	\$11,631.25
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
					\$932,434.50		\$985,881.50	(\$53,447.00)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

01/13/2016

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

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

PRODUCER DeSanctis Insurance Agcy, Inc. 100 Unicorn Park Drive Woburn, MA 01801	CONTACT NAME: Adam W. DeSanctis	FAX (A/C, No): 781-933-5645	
	PHONE (A/C, No, Ext): 781-935-8480	E-MAIL ADDRESS:	
INSURED DeLucca Fence Company, Inc. 5 Old Ferry Road Methuen, MA 01844	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Zurich American Insurance Co.		
	INSURER B : Acadia Insurance Company		31325
	INSURER C : Illinois Union Ins. Co.		
	INSURER D :		
	INSURER E :		
INSURER F :			

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Blkt Contractual <input checked="" type="checkbox"/> XCU hazards GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		GLO554304403	01/01/2016	01/01/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		BAP554304303	01/01/2016	01/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ NONE		AUC0008606901	01/01/2016	01/01/2017	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A WC554304503 MA,CT,ME,NH,RI	01/01/2016	01/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Installation Float		CIM512594713	01/01/2016	01/01/2017	Limits 600,000
C	Pollution Liab		CPYG27167342002	01/01/2015	01/01/2017	Limits \$2M/\$3M Agg

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

Guardrail Replacement and Installation Project No. X-A003 (765),28655 Statewide; "ADDITIONAL INSUREDS LIMITS ARE NO GREATER THAN THOSE REQUIRED BY WRITTEN CONTRACT" New Hampshire Department of Transportation is named as additional insured as respects to GL.

CERTIFICATE HOLDER

CANCELLATION

NHDOT-5 The State of NH DOT 7 Hazen Drive 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 <i>Christine B Gallagher</i>

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

01/13/2016

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PRODUCER DeSanctis Insurance Agcy, Inc. 100 Unicorn Park Drive Woburn, MA 01801	CONTACT NAME: Adam W. DeSanctis	
	PHONE (A/C, No., Ext): 781-935-8480	FAX (A/C, No.): 781-933-5645
E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Zurich American Insurance Co.		
INSURER B :		
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		


INSURED
 State of New Hampshire
 Dept. of Transportation
 P.O. Box 4
 7 Hazen Dr
 Concord, NH 03302-0483

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR Owner/Cont Prot. GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			OCP963852784	01/13/2016	01/01/2017	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ -----
							MED EXP (Any one person)	\$ -----
							PERSONAL & ADV INJURY	\$ -----
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ -----
								\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident)	\$
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	UMBRELLA LIAB EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE	\$
							AGGREGATE	\$
								\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE	OTH-ER
							E.L. EACH ACCIDENT	\$
							E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Project: Statewide C-A003(765), 28655. Construction of 22,000 feet of beam guardrails and the replacement of 100 "F" Terminal guardrail units, Hillsborough county, Rockingham county and Merrimack county.
 Designated Contractor: DeLucca Fence Company Inc.

CERTIFICATE HOLDER NHDEP-2 State of New Hampshire Dept. of Transportation P.O. Box 483 7 Hazen Dr. Concord, NH 03302	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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