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**THE STATE OF NEW HAMPSHIRE**  
DEPARTMENT OF TRANSPORTATION



*Victoria F. Sheehan*  
Commissioner

*William Cass, P.E.*  
Assistant Commissioner

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

Bureau of Construction  
October 22, 2018

**REQUESTED ACTION**

1. Authorize the Department of Transportation to enter into a contract with Mitchell Sand & Gravel, LLC (Vendor 225114) of Shelburne, MA on the basis of a low bid of \$772,561.00 for NH 119 intersection safety improvements in Fitzwilliam, from the date of Governor and Council approval through August 23, 2019 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available in State Fiscal Year 2019 and is contingent upon the availability and continued appropriation of funds in Fiscal Year 2020 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 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments	\$600,000.00	\$172,561.00

2. Further authorize that a contingency in the amount of \$38,628.05 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 2019</u>	<u>FY 2020</u>
04-96-96-963515-3054		
Consolidated Federal Aid		
400-500870 Highway Contract Payments		\$38,628.05

**EXPLANATION**

This project is part of the State's Ten Year Transportation Improvement Plan under the Highway Safety Improvement Program (HSIP). This project involves the construction of traffic calming measures along NH Route 12 at the approaches to the NH Route 119 intersection in Fitzwilliam. Work begins on NH Route 12 approximately 1800' south of the NH Route 119 intersection, and continues north to a pavement joint approximately 1400' north of the NH Route 119 intersection. Approach work on NH Route 119 begins approximately 200' east of the NH Route 12 intersection and continues west to approximately 150' west of the NH Route 119 intersection. Work along NH Route 12 includes the construction of raised concrete median islands on the NH Route 119 approaches, step box widening in the median areas, minor drainage work, and reallocating pavement to provide a two way left turn lane

(TWLTL). The southern approach will construct an 11'-4' typical transitioning to include a variable width painted median which then transitions to a 12' TWLTL. The northern approach will construct an 11'-4' typical transitioning to include a variable width painted median, which then converts to a designated left turn lane at the NH Route 119 intersection. For both approaches, in the area where the painted gore is 4' or greater in width, rumble strips will be installed leading into the raised concrete median islands. The rumble strips shall be installed inside the painted gore area. The proposed culvert work will include culvert extensions, catch basin replacement, and headwall replacement. Pavement work involves a 1-1/2" overlay with variable shim throughout the project limits. Work on NH Route 119 includes widening the eastern approach to accommodate right turning trucks and adjusting the grade on the western approach to provide a platform to improve sight distance at the intersection.

This project originated as a Ten Year Plan project, but ultimately was removed from the program and resulted in a Road Safety Audit (RSA) being conducted by NHDOT in 2009 which determined the project to be eligible for HSIP funds. The purpose of this project is to encourage drivers to reduce speeds through the intersection by changing the nature of the roadway.

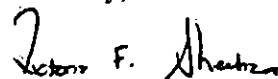
The proposed contingency amount is 5% of the contract amount. The surveyed information for this project is from 2011. Field adjustments may be required for paving, leveling course and shoulder work due to varying field conditions.

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: \$789,597.50  
Contract Amount: \$772,561.00  
Under Estimate: \$ 17,036.50  
Attachments

September 18, 2018

## SUPPLEMENTAL PROJECT INFORMATION SHEET

**DESCRIPTION:** This project involves the construction of traffic calming measures along NH Route 12 at the approaches to the NH Route 119 intersection in Fitzwilliam. Work begins on NH Route 12 approximately 1800' south of the NH Route 119 intersection, and continues north to a pavement joint approximately 1400' north of the NH Route 119 intersection. Approach work on NH Route 119 begins approximately 200' east of the NH Route 12 intersection and continues west to approximately 150' west of the NH Route 119 intersection.

Work along NH Route 12 includes the construction of raised concrete median islands on the NH Route 119 approaches, step box widening in the median areas, minor drainage work, and reallocating pavement to provide a two way left turn lane (TWLTL). The southern approach will construct an 11'-4' typical transitioning to include a variable width painted median which then transitions to a 12' TWLTL. The northern approach will construct an 11'-4' typical transitioning to include a variable width painted median, which then converts to a designated left turn lane at the NH Route 119 intersection. For both approaches, in the area where the painted gore is 4' or greater in width, rumble strips will be installed leading into the raised concrete median islands. The rumble strips shall be installed inside the painted gore area. The proposed culvert work will include culvert extensions, catch basin replacement, and headwall replacement. Pavement work involves a 1-1/2" overlay with variable shim throughout the project limits.

Work on NH Route 119 includes widening the eastern approach to accommodate right turning trucks and adjusting the grade on the western approach to provide a platform to improve sight distance at the intersection.

**FEDERAL FUNDING:** 90% Highway Safety Improvement Program (HSIP), 10% State Turnpike Toll Credits.

**CONTINGENCY:** The proposed contingency amount is 5% of the contract amount. The surveyed information for this project is from 2011. Field adjustments may be required for paving, leveling course and shoulder work due to varying field conditions.

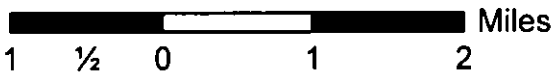
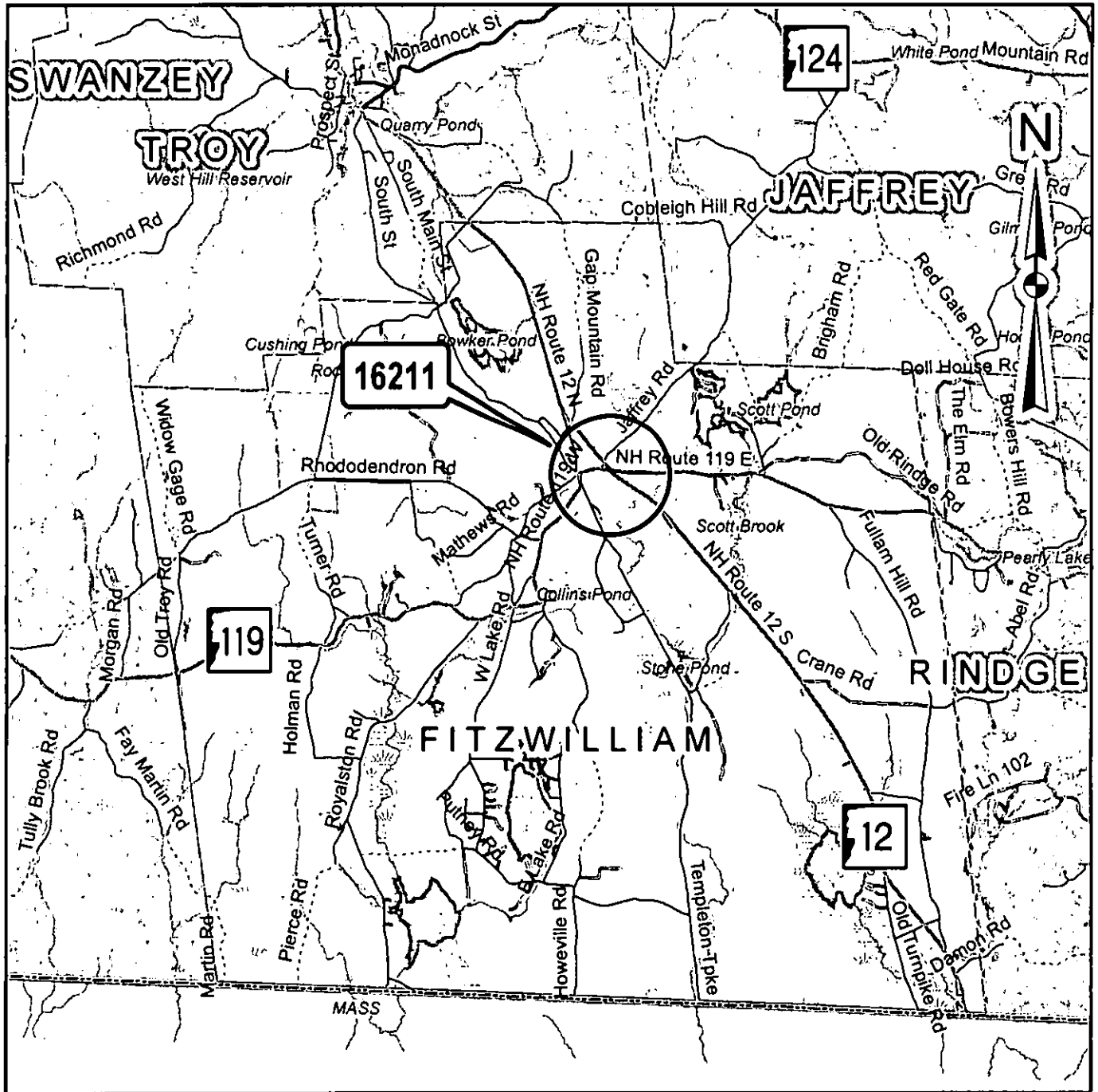
**PROJECT INITIATED:** This project was initiated through the Road Safety Audit program.

**PROJECT EXPLANATION:** This project originated as a Ten Year Plan project, but ultimately was removed from the program and resulted in a Road Safety Audit (RSA) being conducted by NHDOT in 2009 which determined the project to be eligible for HSIP funds. The purpose of this project is to encourage drivers to reduce speeds through the intersection by changing the nature of the roadway.

**TRAFFIC IMPLICATION:** Proposed traffic control for the project includes temporary lane closures. One-lane, alternating two-way traffic will be utilized as needed during step box widening, raised concrete median island construction, and resurfacing efforts. All closures will be completed during daytime work hours; no night work is anticipated for this project. This project is anticipated to be completed within one construction season.

**FINAL COMPLETION DATE:** August 23, 2019.

# FITZWILLIAM - NH ROUTE 12

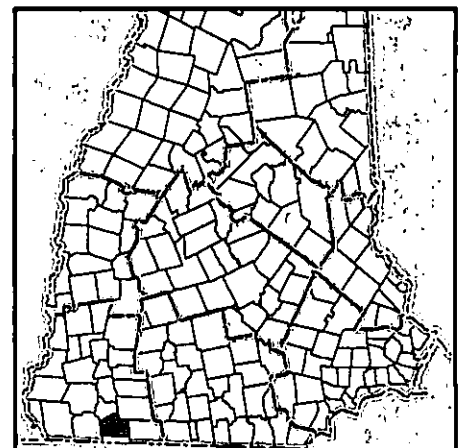


**LEGEND**

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

New Hampshire  
**DOT**  
 Department of Transportation

State #: 16211  
 Federal #: X-A001(191)  
**LOCATION MAP**





# ABC Bid Data

FITZWILLIAM  
16211  
X-A001(191)

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PROJECT:	FITZWILLIAM	Awarded To:	MITCHELL SAND & GRAVEL LLC
STATE PROJECT NUMBER:	16211		191 REYNOLDS ROAD SHELBURNE, MA 01370
FED. PROJECT NUMBER:	X-A001(191)	Amount:	\$772,561.00
DATE BIDS OPEN:	October 11, 2018, 2:00	Award Date:	
SCOPE OF WORK:	NH 119 intersection safety improvements	Certified by:	<u>PETER.E.STAMNAS</u> Director of Project Development
COMPLETION DATE:	August 23, 2019		
LOCATION:	Cheshire		

## Summary of Bidders

Contractor	Bid Amount	Rank
MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD, SHELBURNE, MA 01370	\$772,561.00	A
BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER, ROAD, WESTMINSTER VT 05158	\$966,297.50	B

Item No.	Description	Unit	Quantity	P&E		MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD SHELBURNE, MA 01378		BAZIN BROS. TRUCKING, INC. 3425 BACK WESTMINSTER WESTMINSTER, VT 05158	
				Unit Price	Total	Unit Price	Total	Unit Price	Total

Items

201.881	INVASIVE SPECIES CONTROL TYPE I	SY	430.00	\$3.50	\$1,505.00	\$6.00	\$2,580.00	\$4.00	\$1,720.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	\$15.00	\$450.00	\$8.00	\$240.00	\$11.00	\$330.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	80.00	\$18.00	\$1,280.00	\$13.75	\$1,100.00	\$14.00	\$1,120.00
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$330.00	\$330.00	\$550.00	\$550.00	\$750.00	\$750.00
203.1	COMMON EXCAVATION	CY	1,850.00	\$15.00	\$27,750.00	\$14.00	\$25,900.00	\$13.00	\$24,050.00
203.11	COMMON EXCAVATION - LRS	CY	1,300.00	\$20.00	\$26,000.00	\$20.00	\$26,000.00	\$14.00	\$18,200.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	1,250.00	\$12.00	\$15,000.00	\$14.00	\$17,500.00	\$18.00	\$22,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	21.00	\$225.00	\$4,725.00	\$25.00	\$525.00	\$25.00	\$525.00
214.	FINE GRADING	U	1.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$13,000.00	\$13,000.00
304.2	GRAVEL (F)	CY	985.00	\$26.00	\$25,610.00	\$26.00	\$25,610.00	\$32.00	\$31,520.00
304.3	CRUSHED GRAVEL (F)	CY	975.00	\$28.00	\$27,300.00	\$36.00	\$35,100.00	\$34.00	\$33,150.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	115.00	\$44.00	\$5,060.00	\$45.00	\$5,175.00	\$55.00	\$6,325.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	450.00	\$110.00	\$49,500.00	\$80.00	\$36,000.00	\$110.00	\$49,500.00
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,350.00	\$115.00	\$155,250.00	\$85.00	\$114,750.00	\$120.00	\$162,000.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	135.00	\$130.00	\$17,550.00	\$140.00	\$18,900.00	\$225.00	\$30,375.00
403.6	PAVEMENT JOINT ADHESIVE	LF	18,000.00	\$0.75	\$13,500.00	\$0.30	\$5,400.00	\$0.60	\$10,800.00
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	34.00	\$163.00	\$5,542.00	\$175.00	\$5,950.00	\$110.00	\$3,740.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	610.00	\$6.00	\$3,060.00	\$12.00	\$6,120.00	\$16.50	\$8,415.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	18.00	\$180.00	\$2,880.00	\$175.00	\$3,150.00	\$110.00	\$1,980.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,570.00	\$6.00	\$9,420.00	\$8.25	\$12,952.50	\$7.00	\$10,990.00
417.412	RUMBLE STRIPS, 12" WIDE	LF	770.00	\$3.00	\$2,310.00	\$15.00	\$11,550.00	\$17.00	\$13,090.00
520.1	CONCRETE CLASS A	CY	8.00	\$1,500.00	\$12,000.00	\$1,000.00	\$8,000.00	\$950.00	\$7,600.00
544.1	REINFORCING STEEL (ROADWAY)	LB	75.00	\$3.50	\$262.50	\$5.00	\$375.00	\$1.00	\$75.00
585.2	STONE FILL, CLASS B	CY	35.00	\$45.00	\$1,575.00	\$85.00	\$2,975.00	\$41.00	\$1,435.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	115.00	\$2.50	\$287.50	\$5.00	\$575.00	\$8.00	\$890.00
603.00215	18" R.C. PIPE, 20000	LF	96.00	\$80.00	\$7,680.00	\$80.00	\$7,680.00	\$75.00	\$7,200.00
603.00218	18" R.C. PIPE, 20000	LF	36.00	\$80.00	\$2,880.00	\$150.00	\$5,400.00	\$125.00	\$4,500.00
603.30115	18" R.C. END SECTIONS	EA	1.00	\$820.00	\$820.00	\$1,130.00	\$1,130.00	\$1,100.00	\$1,100.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$3,200.00	\$3,200.00	\$2,520.00	\$2,520.00	\$2,600.00	\$2,600.00

Item No.	Description	Unit	Quantity	PS&E		MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD SHELBURNE, MA 01379		BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER WESTMINSTER, VT 05144	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	1.00	\$3,200.00	\$3,200.00	\$3,020.00	\$3,020.00	\$3,200.00	\$3,200.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$600.00	\$1,200.00	\$215.00	\$430.00	\$800.00	\$1,600.00
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$900.00	\$900.00	\$1,130.00	\$1,130.00	\$850.00	\$850.00
608.26	6" CONCRETE SIDEWALK (F)	SY	225.00	\$40.00	\$9,000.00	\$85.00	\$19,125.00	\$80.00	\$18,000.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	745.00	\$24.00	\$17,880.00	\$25.00	\$18,625.00	\$30.00	\$22,350.00
609.238	CURVED GRANITE SLOPE CURB 6" HIGH	LF	10.00	\$50.00	\$500.00	\$80.00	\$800.00	\$130.00	\$1,300.00
615.0201	TRAFFIC SIGN TYPE B	SF	151.00	\$75.00	\$11,325.00	\$85.00	\$12,835.00	\$95.00	\$14,345.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	7.00	\$50.00	\$350.00	\$500.00	\$3,500.00	\$75.00	\$525.00
615.0301	TRAFFIC SIGN TYPE C	SF	227.00	\$50.00	\$11,350.00	\$48.00	\$10,896.00	\$45.00	\$10,215.00
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	29.00	\$45.00	\$1,305.00	\$25.00	\$725.00	\$35.00	\$1,015.00
615.0501	TRAFFIC SIGN TYPE BB	SF	4.00	\$18.00	\$84.00	\$25.00	\$100.00	\$20.00	\$80.00
615.0601	TRAFFIC SIGN TYPE CC	SF	54.00	\$13.00	\$702.00	\$15.00	\$810.00	\$20.00	\$1,080.00
615.063	REMOVING TRAFFIC SIGN TYPE CC	U	4.00	\$10.00	\$40.00	\$50.00	\$200.00	\$25.00	\$100.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	16,000.00	\$1.00	\$16,000.00	\$1.00	\$16,000.00	\$1.00	\$16,000.00
618.7	FLAGGERS	HR	2,000.00	\$28.00	\$56,000.00	\$31.50	\$63,000.00	\$40.00	\$80,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$4,000.00	\$8,000.00	\$2,400.00	\$4,800.00	\$5,975.00	\$11,950.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$4,200.00	\$8,400.00	\$1,500.00	\$3,000.00	\$4,700.00	\$9,400.00
621.31	SINGLE DELINEATOR WITH POST	EA	30.00	\$40.00	\$1,200.00	\$47.50	\$1,425.00	\$60.00	\$1,800.00
622.1	STEEL WITNESS MARKERS	EA	9.00	\$33.00	\$297.00	\$75.00	\$675.00	\$75.00	\$675.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,550.00	\$1.50	\$3,825.00	\$2.00	\$5,100.00	\$3.30	\$8,415.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	16,850.00	\$0.25	\$4,162.50	\$0.25	\$4,162.50	\$0.25	\$4,162.50
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	250.00	\$1.00	\$250.00	\$2.00	\$500.00	\$2.50	\$625.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	80.00	\$8.00	\$640.00	\$10.00	\$800.00	\$13.00	\$1,040.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	220.00	\$11.00	\$2,420.00	\$10.00	\$2,200.00	\$13.00	\$2,860.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	480.00	\$2.00	\$960.00	\$2.00	\$960.00	\$2.50	\$1,200.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	50.00	\$5.00	\$250.00	\$3.00	\$150.00	\$3.00	\$150.00
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	155.00	\$2.00	\$310.00	\$3.00	\$465.00	\$4.00	\$620.00
641.	LOAM	CY	250.00	\$35.00	\$8,750.00	\$50.00	\$12,500.00	\$45.00	\$11,250.00
645.3	EROSION STONE	TON	270.00	\$25.00	\$6,750.00	\$45.00	\$12,150.00	\$35.00	\$9,450.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,180.00	\$4.50	\$14,310.00	\$3.50	\$11,130.00	\$5.00	\$15,900.00
645.531	SILT FENCE	LF	3,310.00	\$2.50	\$8,275.00	\$2.50	\$8,275.00	\$3.00	\$9,930.00

Item No.	Description	Unit	Quantity	PS&E		MITCHELL SAND & GRAVEL LLC 191 REYNOLDS ROAD SHELBURNE, MA 01779		BAZIN BROS. TRUCKING, INC. 2425 BACK WESTMINSTER WESTMINSTER, VT 06161	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	\$3,400.00	\$3,400.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	80.00	\$65.00	\$5,200.00	\$125.00	\$10,000.00	\$150.00	\$12,000.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	8,030.00	\$1.00	\$8,030.00	\$0.50	\$4,015.00	\$1.00	\$8,030.00
647.1	HUMUS	CY	1,050.00	\$16.00	\$16,800.00	\$16.00	\$16,800.00	\$35.00	\$36,750.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$175.00	\$525.00	\$250.00	\$750.00	\$200.00	\$600.00
692.	MOBILIZATION	U	1.00	\$65,000.00	\$65,000.00	\$70,000.00	\$70,000.00	\$100,000.00	\$100,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$850.00	\$850.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00
698.13	FIELD OFFICE TYPE C	MON	6.00	\$1,700.00	\$10,200.00	\$2,000.00	\$12,000.00	\$2,300.00	\$13,800.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,500.00	\$1.00	\$8,500.00	\$1.00	\$8,500.00	\$1.00	\$8,500.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
<b>Totals:</b>					<b>\$789,597.50</b>		<b>\$772,561.00</b>		<b>\$966,297.50</b>
<b>Alt. Totals:</b>									
<b>Totals:</b>					<b>\$789,597.50</b>		<b>\$772,561.00</b>		<b>\$966,297.50</b>



## PS&E Comparison

FITZWILLIAM  
 16211  
 X-A001(191)

Item No.	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
<b>Items</b>								
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	430.00	\$6.00	\$2,580.00	\$3.50	\$1,505.00	\$1,075.00
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	30.00	\$8.00	\$240.00	\$15.00	\$450.00	(\$210.00)
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	80.00	\$13.75	\$1,100.00	\$16.00	\$1,280.00	(\$180.00)
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$550.00	\$550.00	\$330.00	\$330.00	\$220.00
203.1	COMMON EXCAVATION	CY	1,850.00	\$14.00	\$25,900.00	\$15.00	\$27,750.00	(\$1,850.00)
203.11	COMMON EXCAVATION - LRS	CY	1,300.00	\$20.00	\$26,000.00	\$20.00	\$26,000.00	\$0.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	1,250.00	\$14.00	\$17,500.00	\$12.00	\$15,000.00	\$2,500.00
206.1	COMMON STRUCTURE EXCAVATION	CY	21.00	\$25.00	\$525.00	\$225.00	\$4,725.00	(\$4,200.00)
214.	FINE GRADING	U	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,000.00
304.2	GRAVEL (F)	CY	985.00	\$26.00	\$25,610.00	\$26.00	\$25,610.00	\$0.00
304.3	CRUSHED GRAVEL (F)	CY	975.00	\$36.00	\$35,100.00	\$28.00	\$27,300.00	\$7,800.00
304.35	CRUSHED GRAVEL FOR DRIVES	CY	115.00	\$45.00	\$5,175.00	\$44.00	\$5,060.00	\$115.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	450.00	\$80.00	\$36,000.00	\$110.00	\$49,500.00	(\$13,500.00)
403.119	HOT BITUMINOUS PAVEMENT, MACHINE METHOD, HIGH STRENGTH	TON	1,350.00	\$85.00	\$114,750.00	\$115.00	\$155,250.00	(\$40,500.00)

403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	135.00	\$140.00	\$18,900.00	\$130.00	\$17,550.00	\$1,350.00
403.6	PAVEMENT JOINT ADHESIVE	LF	18,000.00	\$0.30	\$5,400.00	\$0.75	\$13,500.00	(\$8,100.00)
403.98	HOT BITUMINOUS CONCRETE LEVELING, MACHINE METHOD	TON	34.00	\$175.00	\$5,950.00	\$163.00	\$5,542.00	\$408.00
410.22	ASPHALT EMULSION FOR TACK COAT	GAL	510.00	\$12.00	\$6,120.00	\$6.00	\$3,060.00	\$3,060.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	18.00	\$175.00	\$3,150.00	\$160.00	\$2,880.00	\$270.00
417.	COLD PLANING BITUMINOUS SURFACES	SY	1,570.00	\$8.25	\$12,952.50	\$6.00	\$9,420.00	\$3,532.50
417.412	RUMBLE STRIPS, 12" WIDE	LF	770.00	\$15.00	\$11,550.00	\$3.00	\$2,310.00	\$9,240.00
520.1	CONCRETE CLASS A	CY	8.00	\$1,000.00	\$8,000.00	\$1,500.00	\$12,000.00	(\$4,000.00)
544.1	REINFORCING STEEL (ROADWAY)	LB	75.00	\$5.00	\$375.00	\$3.50	\$262.50	\$112.50
585.2	STONE FILL, CLASS B	CY	35.00	\$85.00	\$2,975.00	\$45.00	\$1,575.00	\$1,400.00
593.421	GEOTEXTILE; PERM CONTROL CL.2, NON-WOVEN	SY	115.00	\$5.00	\$575.00	\$2.50	\$287.50	\$287.50
603.00215	15" R.C. PIPE, 2000D	LF	96.00	\$80.00	\$7,680.00	\$80.00	\$7,680.00	\$0.00
603.00218	18" R.C. PIPE, 2000D	LF	36.00	\$150.00	\$5,400.00	\$80.00	\$2,880.00	\$2,520.00
603.30115	15" R.C. END SECTIONS	EA	1.00	\$1,130.00	\$1,130.00	\$820.00	\$820.00	\$310.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	1.00	\$2,520.00	\$2,520.00	\$3,200.00	\$3,200.00	(\$680.00)
604.1941	SPECIAL CATCH BASIN TYPE G, 4 FT DIAMETER	U	1.00	\$3,020.00	\$3,020.00	\$3,200.00	\$3,200.00	(\$180.00)
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$215.00	\$430.00	\$600.00	\$1,200.00	(\$770.00)
604.78	GRATES & FRAMES, SPECIAL HIGH CAPACITY GRATE	EA	1.00	\$1,130.00	\$1,130.00	\$900.00	\$900.00	\$230.00
608.26	6" CONCRETE SIDEWALK (F)	SY	225.00	\$85.00	\$19,125.00	\$40.00	\$9,000.00	\$10,125.00
609.216	STRAIGHT GRANITE SLOPE CURB 6" HIGH	LF	745.00	\$25.00	\$18,625.00	\$24.00	\$17,880.00	\$745.00
609.236	CURVED GRANITE SLOPE CURB 6" HIGH	LF	10.00	\$80.00	\$800.00	\$50.00	\$500.00	\$300.00
615.0201	TRAFFIC SIGN TYPE B	SF	151.00	\$85.00	\$12,835.00	\$75.00	\$11,325.00	\$1,510.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	7.00	\$500.00	\$3,500.00	\$50.00	\$350.00	\$3,150.00

615.0301	TRAFFIC SIGN TYPE C	SF	227.00	\$48.00	\$10,896.00	\$50.00	\$11,350.00	(\$454.00)
615.033	REMOVING TRAFFIC SIGN, TYPE C	U	29.00	\$25.00	\$725.00	\$45.00	\$1,305.00	(\$580.00)
615.0501	TRAFFIC SIGN TYPE BB	SF	4.00	\$25.00	\$100.00	\$16.00	\$64.00	\$36.00
615.0601	TRAFFIC SIGN TYPE CC	SF	54.00	\$15.00	\$810.00	\$13.00	\$702.00	\$108.00
615.063	REMOVING TRAFFIC SIGN TYPE CC	U	4.00	\$50.00	\$200.00	\$10.00	\$40.00	\$160.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	16,000.00	\$1.00	\$16,000.00	\$1.00	\$16,000.00	\$0.00
618.7	FLAGGERS	HR	2,000.00	\$31.50	\$63,000.00	\$28.00	\$56,000.00	\$7,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	(\$10,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$2,400.00	\$4,800.00	\$4,000.00	\$8,000.00	(\$3,200.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$1,500.00	\$3,000.00	\$4,200.00	\$8,400.00	(\$5,400.00)
621.31	SINGLE DELINEATOR WITH POST	EA	30.00	\$47.50	\$1,425.00	\$40.00	\$1,200.00	\$225.00
622.1	STEEL WITNESS MARKERS	EA	9.00	\$75.00	\$675.00	\$33.00	\$297.00	\$378.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,550.00	\$2.00	\$5,100.00	\$1.50	\$3,825.00	\$1,275.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	16,650.00	\$0.25	\$4,162.50	\$0.25	\$4,162.50	\$0.00
632.3104	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 4" LINE	LF	250.00	\$2.00	\$500.00	\$1.00	\$250.00	\$250.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	80.00	\$10.00	\$800.00	\$8.00	\$640.00	\$160.00
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	220.00	\$10.00	\$2,200.00	\$11.00	\$2,420.00	(\$220.00)
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	480.00	\$2.00	\$960.00	\$2.00	\$960.00	\$0.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	50.00	\$3.00	\$150.00	\$5.00	\$250.00	(\$100.00)
632.92	OBLITERATE PAVEMENT MARKING, SYMBOL OR WORD	SF	155.00	\$3.00	\$465.00	\$2.00	\$310.00	\$155.00
641.	LOAM	CY	250.00	\$50.00	\$12,500.00	\$35.00	\$8,750.00	\$3,750.00
645.3	EROSION STONE	TON	270.00	\$45.00	\$12,150.00	\$25.00	\$6,750.00	\$5,400.00
645.512	COMPOST SOCK FOR PERIMETER BERM	LF	3,180.00	\$3.50	\$11,130.00	\$4.50	\$14,310.00	(\$3,180.00)

645.531	SILT FENCE	LF	3,310.00	\$2.50	\$8,275.00	\$2.50	\$8,275.00	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1.00	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00	\$300.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	HR	80.00	\$125.00	\$10,000.00	\$65.00	\$5,200.00	\$4,800.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	8,030.00	\$0.50	\$4,015.00	\$1.00	\$8,030.00	(\$4,015.00)
647.1	HUMUS	CY	1,050.00	\$16.00	\$16,800.00	\$16.00	\$16,800.00	\$0.00
670.066	MAILBOX SUPPORT ASSEMBLIES	EA	3.00	\$250.00	\$750.00	\$175.00	\$525.00	\$225.00
692.	MOBILIZATION	U	1.00	\$70,000.00	\$70,000.00	\$65,000.00	\$65,000.00	\$5,000.00
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$1,000.00
698.13	FIELD OFFICE TYPE C	MON	6.00	\$2,000.00	\$12,000.00	\$1,700.00	\$10,200.00	\$1,800.00
699.	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,500.00	\$1.00	\$8,500.00	\$1.00	\$8,500.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$0.00

<b>Total:</b>					\$772,561.00	\$789,597.50	(\$17,036.50)
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MITCSAN-01

PATRICIA

**CERTIFICATE OF LIABILITY INSURANCE**DATE (MM/DD/YYYY)  
10/18/2018

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).

PRODUCER Phillips Insurance Agency, Inc. 97 Center Street Chicopee, MA 01013	CONTACT NAME: Patricia A Mahoney		
	PHONE (A/C, No, Ext): (413) 594-5984	FAX (A/C, No): (413) 592-8499	
	E-MAIL ADDRESS: patty@phillipsinsurance.com		
INSURED Mitchell Sand & Gravel, LLC; Rob Mitchell Trucking, Inc; RVM Realty Enterprises Mitchell Excavating, Inc. 191 Reynolds Road Shelburne, MA 01370	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Ohio Security Insurance Co		24082
	INSURER B: Ohio Casualty		24074
	INSURER C: West American Insurance Co.		44393
	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	ADOL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	X		BKS(19)56045333	07/12/2018	07/12/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/POP AGG \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:						
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY	X		BAS56045333	07/12/2018	07/12/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	X		USO56219147	07/12/2018	07/12/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		XWO(19)56219147	07/12/2018	07/12/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
C	Equipment Floater			BMW57893305	07/12/2018	07/12/2019	Rented Equipment \$ 400,000

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

Project: NH DOT Fitzwilliam X-A001 (191), 16211

State of New Hampshire Department of Transportation is included as Additional Insured on a Primary Noncontributory basis when required by written contract. Policies will not be cancelled until 30 Day written notice of cancellation, 10 Days in case of non payment is provided to the NH Department of Transportation.

**CERTIFICATE HOLDER**

State of New Hampshire, Department of Transportation  
Office of Federal Compliance  
7 Hazen Drive  
PO Box 483  
Concord, NH 03302-0483

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

