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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  
May 14, 2018

**REQUESTED ACTION**

Authorize the Department of Transportation to enter into a contract amendment with Severino Trucking Co., Inc. (Vendor #155641) of Candia, NH by increasing the contract amount by \$2,150,000.00 (from \$67,142,015.35 to \$69,292,015.35) for reconstructing the Spaulding Turnpike (NH Route 16) in Newington and Dover effective upon Governor and Council approval through October 2, 2020 unless extended by the Department in accordance with the Standard Specifications. The original contract was approved by Governor and Council on August 24, 2016 (Item #33). 57% Turnpike Funds and 43% Other (Local Funds).

Funding is available as follows for FY 2019, and is contingent upon the availability and continued appropriation of funds for FY 2020, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified:

	<u>FY 2019</u>	<u>FY 2020</u>
04-96-96-961017-7514		
Spaulding Turnpike/US 4/NH 16		
400-500870 Highway Contract Payments	\$1,150,000.00	\$1,000,000.00

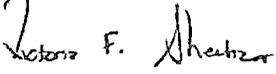
**EXPLANATION**

The Newington-Dover 11238Q contract was approved by Governor and Council on August 24, 2016 (Item #33) on the basis of a low bid for an original contract encumbrance of \$67,142,015.35. The contract is proposed to be increased by \$2,150,000.00 to address the following items:

1. Additional unanticipated roadway, drainage, median island, and waterline modifications are required along Woodbury Avenue, from Gosling Road to the Fox Run Road Spur and Old Dover Road intersection, as well as, profile adjustments of Piscataqua Drive at the intersection with Woodbury Avenue. The modifications address the Town of Newington's desires for roadway improvements prior to the ultimate transfer of ownership of Woodbury Avenue from the State of New Hampshire to the Town of Newington. Approximate cost is \$1,350,000.00. This cost is approximately 18% reimbursable by the Town of Newington and approximately 50% reimbursable by the City of Portsmouth for the waterline modifications. The remainder of the cost is Turnpike funded.
2. The item for placement and rehandling of surcharge material, required to expedite primary settlement along the new Spaulding Turnpike roadway alignment, is required and was not originally included in the contract. Approximate cost is \$800,000.00. 100% Turnpike Funds.

Your approval of this resolution is respectfully requested.

Sincerely,

  
Victoria F. Sheehan  
Commissioner

VFS/TK/nh  
Attachments



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

Bureau of Construction
July 26, 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 Severino Trucking, Co., Inc. (Vendor 155641) of Candia, NH on the basis of a low bid of \$67,142,015.35 for reconstructing the Spaulding Turnpike (NH Route 16) in Newington and Dover, from the date of Governor and Council approval through October 2, 2020 unless extended by the Department in accordance with the Standard Specifications. 100% Turnpike Funds.

Funding is available as follows for FY 2017 and is contingent upon the availability and continued appropriation of funds for FY 2018, FY 2019, FY 2020 and FY 2021:

Table with 6 columns: Item Description, FY 2017, FY 2018, FY 2019, FY 2020, FY 2021. Row 1: 04-96-96-961017-7514 Spaulding Turnpike/US 4/NH 16 400-500870 Highway Contract Payments \$9,945,000.00 \$14,925,000.00 \$16,375,000.00 \$16,375,000.00 \$9,522,015.35

2. Further authorize that a contingency in the amount of \$2,100,000.00 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is approximately 3% of the contract amount of the contract amount and is reasonable for projects of this type.

Contingency Funding is available as follows:

Table with 5 columns: Item Description, FY 2018, FY 2019, FY 2020, FY2021. Row 1: 04-96-96-961017-7514 Spaulding Turnpike/US 4/NH 16 400-500870 Highway Contract Payments \$500,000.00 \$500,000.00 \$500,000.00 \$600,000.00

EXPLANATION

This project is part of the State's Ten Year Transportation Improvement Program and involves the widening and reconstruction of the Spaulding Turnpike (NH Route 16) in Newington and Dover. The project begins approximately 200 feet north of the Woodbury Ave Bridge at Exit 3 in Newington, and continues approximately 17,200 feet (3.2 miles) north to approximately 3,000 feet (0.6 mi.) north of the Dover Toll Plaza. The widening in Dover will provide an 8-lane section south of Exit 6 (including a northbound and southbound auxiliary lane between Exit 3 and Exit 6), transitioning to a 6-lane section north of Exit 6. The northbound and southbound barrels will be

separated by single slope concrete median barrier. The completion of this project will provide the final roadway match to the new Little Bay Bridges (LBB).

The project also includes the following work:

- Formal closure of the NB Exit 5 Ramps;
- Construction of a full access interchange at Exit 6;
- Removal of the existing US Route 4 Bridge over the Spaulding Turnpike, and construction of a new bridge;
- Construction of a hybrid roundabout at the intersection of US Route 4/Spur Road/Boston Harbor Road;
- Realignment of Dover Point Road East;
- Completion of roadway improvements to Wentworth Terrace;
- Realignment of the Spur Road at the intersection of US Route 4;
- Scammell Bridge pavement inlay;
- Woodbury Ave Rehab improvements.
- Sidewalk construction along Dover Point Road West and Boston Harbor Road;
- Construction of a retaining wall along the Exit 6 SB on-ramp;
- Construction of approximately 18,000 linear feet of soundwalls;
- Construction of detention ponds for water quality improvements and peak flow mitigation;
- Construction of Intelligent Transportation Systems; and
- City of Dover water and sewer relocations (par and non-par).

This project is the fourth contract for the overall Newington-Dover (11238) Spaulding Turnpike expansion and widening improvements that are designed to improve safety and transportation efficiency for a 4.1-mile section beginning just south of Exit 1 in Newington and continuing north to approximately 0.6 mi. past the Toll Plaza in Dover. This contract primarily involves the construction of the Dover roadway improvements that will provide the ultimate Turnpike layout when completed.

The three bids received on the contract ranged from \$67,142,015.35 to \$76,558,189.01 (14% low to high). The low bid exceeded the Department's estimate by \$9,604,806.35 (16.7%). An extensive review of the bidding results was completed. Reasons for the overage are related to risks associated with; project complexity within a constricted work area, limited ability to re-use on-site material, lengthy contract duration, long-term traffic management, soft soil consolidation requirements and off-site material acquisition needs.

Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved. Re-advertising this project would likely 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 improvements.

The contingency amount is proposed to be \$2,100,000.00 (approximately 3% of the contract amount). High traffic volumes, environmental concerns related to water quality, complex utility relocations, marine clay soils, and coordination with adjacent construction contracts will increase the risk of overruns.

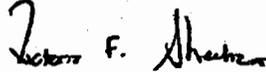
The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available. Copies of the fully executed contract are on file at the Secretary of State's Office and the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

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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.

The project funding is with 96% Turnpike funds and 4% of the total is being provided by The City of Dover for municipal water and sewer improvements being completed as part of the contract.

Sincerely,



Victoria F. Sheehan  
Commissioner

VFS/md

Department Estimate: \$57,537,209.00  
Contract Amount: \$67,142,015.35  
Over Estimate: \$ 9,604,806.35

Attachments

**SUPPLEMENTAL PROJECT INFORMATION SHEET**

**DESCRIPTION:** This project involves the widening and reconstruction of the Spaulding Turnpike (NH Route 16) in Newington and Dover. The project begins approximately 200 feet north of the Woodbury Ave Bridge at Exit 3 in Newington, and continues approximately 17,200 feet (3.2 miles) north to approximately 3,000 feet (0.6 mi.) north of the Dover Toll Plaza. The widening in Dover will provide an 8-lane section south of Exit 6 (including a northbound and southbound auxiliary lane between Exit 3 and Exit 6), transitioning to a 6-lane section north of Exit 6. The northbound and southbound barrels will be separated by single slope concrete median barrier. The completion of this project will provide the final roadway match to the new Little Bay Bridges (LBB).

The project also includes the following work:

- Formal closure of the NB Exit 5 Ramps;
- Construction of a full access interchange at Exit 6;
- Removal of the existing US Route 4 Bridge over the Spaulding Turnpike, and construction of a new bridge;
- Construction of a hybrid roundabout at the intersection of US Route 4/Spur Road/Boston Harbor Road;
- Realignment of Dover Point Road East;
- Completion of roadway improvements to Wentworth Terrace;
- Realignment of the Spur Road at the intersection of US Route 4;
- Scammell Bridge pavement inlay;
- Woodbury Ave Rehab improvements.
- Sidewalk construction along Dover Point Road West and Boston Harbor Road;
- Construction of a retaining wall along the Exit 6 SB on-ramp;
- Construction of approximately 18,000 linear feet of soundwalls;
- Construction of detention ponds for water quality improvements and peak flow mitigation;
- Construction of Intelligent Transportation Systems; and
- City of Dover water and sewer relocations (par and non-par).

**FEDERAL FUNDING:** 0% Federal Funds

**CONTINGENCY:** The contingency amount is proposed to be \$1,800,000.00 (approximately 3% of the contract amount). High traffic volumes, environmental concerns related to water quality, complex utility relocations, marine clay soils, and coordination with adjacent construction contracts will increase the risk of overruns.

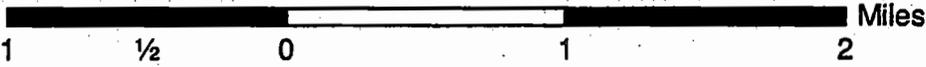
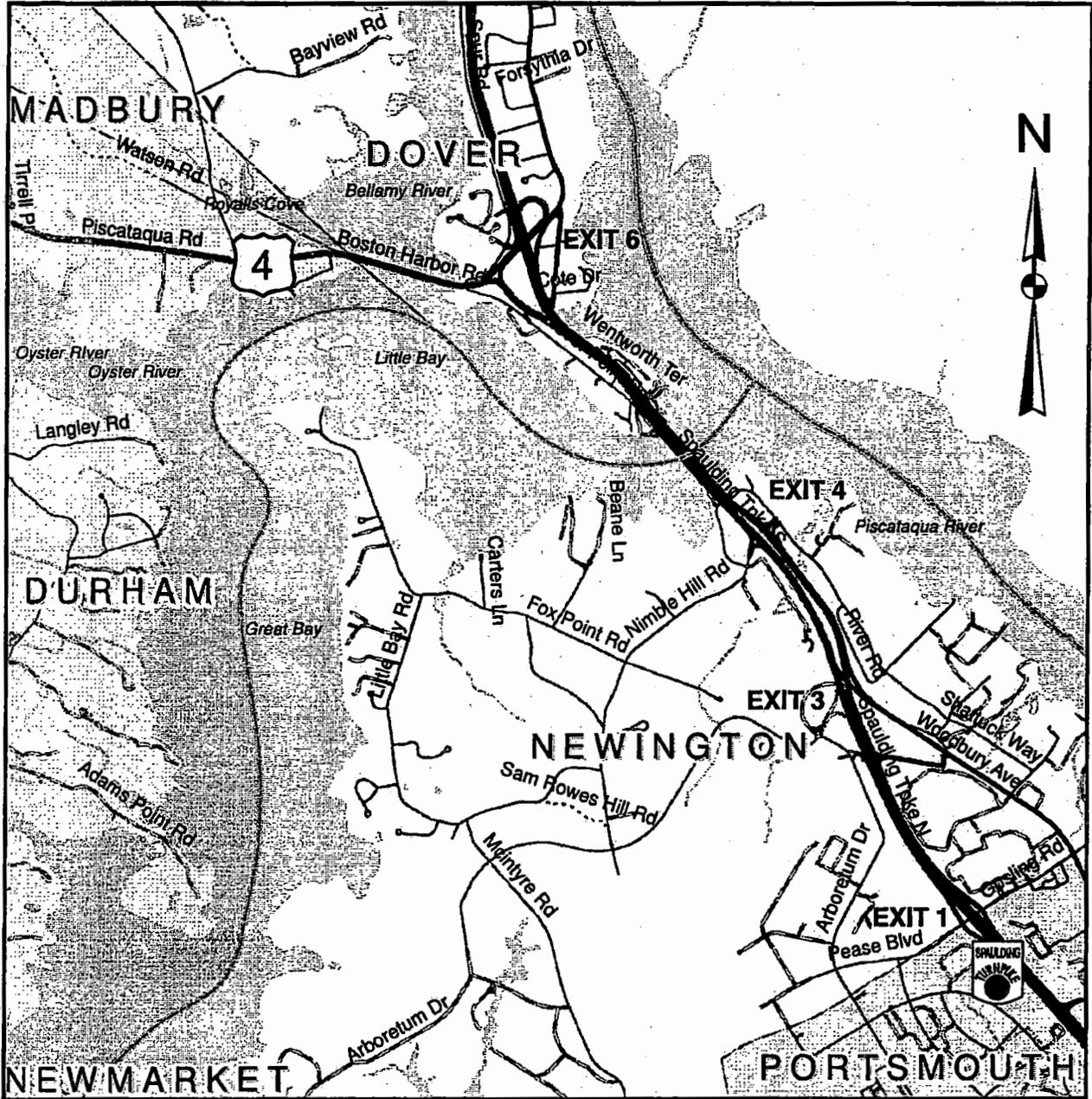
**PROJECT INITIATED:** State's 10-Year Transportation Improvement Plan

**PROJECT EXPLANATION:** This project is fourth contract for the overall Newington-Dover (11238) Spaulding Turnpike expansion and widening improvements that are designed to improve safety and transportation efficiency for a 4.1-mile section beginning just south of Exit 1 in Newington and continuing north to approximately 0.6 mi. past the Toll Plaza in Dover. This contract primarily involves the construction of the Dover roadway improvements that will provide the ultimate Turnpike layout when completed.

**TRAFFIC IMPLICATION:** Two travel lanes (36' minimum paved width) in each direction will be maintained along the Spaulding Turnpike with the following exception: temporary, single lane (night) closures will be allowed for specific cold planing, paving and pavement marking operations. Lane closures will be discontinued whenever the Contract Administrator determines that the backups may contribute to either unsafe conditions or result in excessive delays for the traveling public. ITS Smart Work Zones systems will be deployed for alternative route recommendations.

**FINAL COMPLETION DATE:** Friday, October 2, 2020

# NEWINGTON/DOVER - SPAULDING TPK



**LEGEND**

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

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

State #: 11238Q  
 Federal #: NA  
**LOCATION MAP**





# ABC Bid Data

NEWINGTON - DOVER  
11238Q  
NON-FEDERAL

PROJECT: NEWINGTON - DOVER  
STATE PROJECT NUMBER:  
FED. PROJECT NUMBER: NON-FEDERAL  
DATE BIDS OPEN: June 23, 2016, 2:00  
SCOPE OF WORK: Reconstruct Spaulding Tpk from LBB to Dover Toll Booth & Exit 6 Interchange (Incl. new soundwalls)  
COMPLETION DATE: October 02, 2020  
LOCATION: Strafford

Awarded To: SEVERINO TRUCKING CO., INC.  
512 RAYMOND ROAD  
CANDIA, NH 03034

Amount: \$67,142,015.35

Certified by:

Director of Project Development

Award Date:

## Summary of Bidders

Contractor	Bid Amount	Rank
SEVERINO TRUCKING CO., INC. 512 RAYMOND ROAD, PO BOX 202, CANDIA NH 03034	\$67,142,015.35	A
COLEMAN ALVIN J & SON INC 9 NH ROUTE 113, CONWAY NH 03818-9505	\$70,789,677.75	B
MIDDLESEX CORPORATION, THE 1 SPECTACLE POND ROAD, LITTLETON MA 01460	\$76,547,189.01	C