

*Spaulding Turnpike
Improvements
NHS-027-1(37), 11238*

Newington to Dover,
New Hampshire

Prepared for: **New Hampshire Department of Transportation and
Federal Highway Administration**



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NEWINGTON-DOVER
SPAULDING TURNPIKE IMPROVEMENTS
STRAFFORD AND ROCKINGHAM COUNTIES, NEW HAMPSHIRE

2017 FINANCIAL PLAN UPDATE

LETTER OF CERTIFICATION

The New Hampshire Department of Transportation developed a comprehensive Initial Financial Plan for the Newington-Dover, Spaulding Turnpike Improvements Project in 2010 as agreed with the Federal Highway Administration in accordance with the FHWA Financial Plan Guidance which was issued on May 23, 2000 and the Project Financial Plan Requirements under SAFETEA-LU. The plan provides detailed cost estimates to complete the project and the estimates of financial resources to be utilized to fully finance the project.

This document is the 2017 Financial Plan Update and is a amendment to the Initial Financial Plan. The appropriate chapters and sections within the Initial Financial Plan have been updated within the 2017 Financial Plan Update and are included within this document.

The cost data in the 2017 Financial Plan Update provides an accurate accounting of costs incurred as of June 30, 2017 and includes a realistic estimate of future costs based on engineers' estimates and expected construction cost escalation factors. While the estimates of financial resources rely upon assumptions regarding future economic conditions, demographic variables and tolling measures, they represent realistic estimates of available monies to fully fund the project.

We believe the 2017 Financial Plan Update provides an accurate basis upon which to schedule and fund the Newington-Dover, Spaulding Turnpike Improvements Project. The Department will continue to review and update the financial plan on an annual basis.

To the best of our knowledge and belief, the 2017 Financial Plan Update as submitted herewith, fairly and accurately presents the financial position of the Newington-Dover, Spaulding Turnpike Improvements Project, its cash flows, and expected schedule for the project's construction period. The financial forecasts in the 2017 Financial Plan Update are based on our judgment of the expected project conditions and our expected course of action. We believe that the assumptions underlying the 2017 Financial Plan Update are reasonable and appropriate. Further, we have made available all significant information that we believe is relevant to the Initial Financial Plan and, to the best of our knowledge and belief, the documents and records supporting the assumptions are appropriate.



Commissioner

5/14/18
Date

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Introduction

1.4 Funding Overview

The State Ten Year Transportation Improvement Plan (TYP) identifies projects every two years to be included for design and construction for a period of ten years based on a public hearing and prioritization process. The primary funding source for this project is through the NH Turnpike System with additional earmark funding provided by the Federal Highway Administration directed to the construction of the new Little Bay Bridge (Construction Contract L) carrying southbound Turnpike traffic adjacent to the existing Little Bay Bridge.

The State's Legislature passed House Bill 391 in June 2009, which increased the Project's authorization to \$275M for engineering, right-of-way, and construction activities. In November 2009, the State issued \$150M and in August 2012, the State issued \$119.2M in Turnpike Revenue bonds¹ to pay for the project's expenditures, as well as other Turnpike capital projects.

In Fiscal Year 2015, the state issued \$50M in Turnpike Revenue Bonds that provided funding for the overall Turnpike capital program, specifically to include the Newington-Dover projects.

¹ Bond proceeds in the amount of \$ 52.4million dollars were used to fund a portion of the Newington-Dover project. The bond proceeds allocation, along with interest costs, are summarized in Exhibit 8.

Project Description

2.5 Project History

2.5.1 Major Milestones

The Newington-Dover project study phases have been completed with final design and construction underway. To help understand the efforts that have been accomplished to date, the following is a brief chronology of the Project Milestones.

- **May 13, 2003** - Federal Highway Administration (FHWA) publishes a Notice-of-Intent in the Federal Register to prepare an EIS.
- **July 30, 2003** - The US Army Corps of Engineers (ACOE) issues its approved basic Project Purpose statement.
- **March 2004** - FHWA and NHDOT issue Scoping Report for the project.
- **January 2005** - FHWA and NHDOT publish Rationale Report.
- **February 25, 2005** - ACOE approves the Reasonable Range of Alternatives as presented in the project Rationale Report.
- **July 2006** - FHWA and NHDOT issue the Draft Environmental Impact Statement.
- **August 11, 2006** - ACOE Section 404 and NHDES Wetlands Dredge and Fill Permits submitted.
- **August 18, 2006** - USEPA published DEIS notice in Federal Register.
- **September 21, 2006** - FHWA, NHDOT, ACOE and the NH Department of Environmental Services (NHDES) hold a Joint Public Hearing in Dover, NH.
- **January 29, 2007** - Tuttle Property Conservation Easement was recorded with the Dover Conservation Commission holding the easement with the Strafford Conservancy and NHDOT holding Executory Interest Rights.

- **June 11, 2007** – ACOE confirms that the Selected Alternative is the Least Environmentally Damaging Practicable Alternative.
- **June 25, 2007** – NHDOT issues the Report of the Commissioner.
- **August 22, 2007** – Special Committee determines the occasion for the layout of the Highway in accordance with RSA 230:45.
- **December 2007** – FHWA and NHDOT issue the Final Environmental Impact Statement (FEIS) identifying the Department’s Selected Alternative and mitigation package.
- **February 7, 2008** – NHDOT submits an application for the Water Quality Certificate.
- **October 24, 2008** - FHWA issues Record of Decision (ROD).
- **December 18, 2008** – Notice-to-proceed issued to Final Design Consultant.
- **December 19, 2008** – Coastal Zone Management documentation submitted to NHDES Coastal Program.
- **January 29, 2009** – The Day Property Conservation Easement was recorded with the Dover Conservation Commission holding the easement and the NHDOT holding Executory Interest Rights.
- **June 17, 2009** - NHDES issued the Wetlands Dredge and Fill Permits.
- **June 19, 2009** – ACOE issued a provisional Section 404 Permit.
- **February 3, 2010** - Water Quality Certificate issued.
- **February 9, 2010** - Coastal Zone Management Consistency Certification issued.
- **March 15, 2010** - ACOE Permit issued.
- **April 20, 2010** - US Coast Guard Permit issued.
- **July 14, 2010** – Contract L Construction Contract Awarded
- **September 2010** – Contract L Construction Commences
- **March 23, 2012** – The Saba (Memphas) and Hislop Property Conservation Easements within the Knight Brook watershed area were recorded with the Newington Conservation Commission holding the easement and the NHDOT holding the Executory Interest Rights.
- **August 22, 2012** – Contract M Construction Contract Awarded
- **September 2012** - Contract M Construction Commences
- **November 2013** - Contract L completed

- **May 2, 2014** – Wetlands Dredge and Fill Permit expiration date extended to June 17, 2019
- **December 4, 2014** – Contract O Construction Contract Awarded
- **June 3, 2015** – US Army Corps of Engineers Permit expiration date extended to June 30, 2021
- **April 2015** – Contract O Construction Commences
- **August 27, 2015** – Contract S (General Sullivan Bridge) Part B Notice to Proceed issued
- **August 2016** - Contract M completed
- **August 11, 2016** – Contract S - In-Depth Inspection Report completed.
- **August 15, 2016** – Contract S – Bridge Load Rating completed.
- **August 24, 2016** – Contract Q Construction Contract Awarded
- **September 2016** – Contract Q Construction Commences
- **October 18, 2017** - Contract 11238 Coordination Plan for Agency and Public Involvement (Supplemental EIS for General Sullivan Bridge)
- **November 2017** – Contract O completed
- **Public Informational Meetings;** The NHDOT has held nine (9) Public Information Meetings with the first beginning just prior to the initial construction activities in September 2010. These meetings are held to update and receive feedback from area residents and officials of the ongoing and planned construction actions.

Meetings were held on the following dates:

May 27, 2009; August 25, 2009; March 16, 2010; August 19, 2010
May 16, 2013; August 6, 2014; August 25, 2015, October 25, 2016,
January 30, 2018.

2.5.2 Completed Activities

Since the Final Environmental Impact Statement (FEIS) was published in December of 2007 and the ROD issued in October of 2008, the NHDOT has continued to advance various project components. The NHDOT utilized a Quality Based Selection process and contracted for final design services with a design consultant in December 2008 to complete the necessary contract plans and construction documents for the construction of the project. All final design activities for Contracts L, M, O, and Q were completed in March of 2016. Final design activities for Contract S are anticipated to continue into 2019 with project advertising scheduled for July 2019. Construction support services will continue through construction as needed.

2.5.2.1 Mitigation Activities

- The acquisition of Tuttle and Day **Figure 2.5-1** properties, totaling 135 acres, in Dover was completed to fulfill the proposed wetland mitigation requirement in Dover.
- The NHDOT has provided approximately \$2.0 M in support for the expansion of the Downeaster rail service through a joint-sponsored effort with the Northern New England Passenger Rail Authority to operate a fifth weekday roundtrip between Portland, Maine and Boston, Massachusetts. The NHDOT advanced this effort through the CMAQ program, where funding was transferred to FTA in 2006, and service was initiated in August 2007.
- In 2008, the NHDOT completed construction of a 416 space park-and-ride facility at Exit 9 in Dover. The NHDOT completed this project under the CMAQ program. Concurrently, under the CMAQ program a new intercity Bus service has been implemented from Dover to Portsmouth via the Spaulding Turnpike.
- The acquisition of the Conservation Easements for the Saba and Hislop **Figure 2.6-1** properties, totaling 69.4 acres, in the Knight Brook watershed area of Newington, was completed to contribute to the wetland mitigation package in Newington.
- The acquisition of the land and placement of a Conservation Easement on Railway Brook from Pease Development Authority, totaling 37.37 acres, was completed to contribute to the wetlands mitigation package in Newington.
- To improve bus service in the seacoast area, Bus Alternative 3 was implemented and involves improving connectivity and reducing headway for three existing bus routes in the seacoast area. A CMAQ application to implement Bus Alternative 3 at an estimated cost of \$6.58M was submitted in December 2009 and subsequently approved. An additional \$2.28M was appropriated to cover operating expenses for an additional 2-year period to fund a total of 5 years (2013 to 2017) of operating costs. With the success of the regional transit service performance as part of Bus Alternative 3, the Legislature has authorized an additional \$3.1M to extend transit service through 2020 to align with the completion of associated Spaulding Turnpike construction improvements.
- In August of 2014, the NHDOT completed a new Park-and-Ride facility that provides approximately 200 spaces at Exit 13 of the Spaulding Turnpike in Rochester. The project was completed as part of the CMAQ program.

- The Stream Restoration design for 3,100 feet of Railway Brook in Newington **Figure 2.6-1** was completed as part of Contract M. Construction of the stream restoration was completed in the summer of 2015.

2.5.2.2 Final Design Engineering

- In March of 2009 the Department completed Phase 1 of a two-phase Value Engineering (VE) assessment for a new Little Bay Bridge, the rehabilitation of the existing Little Bay Bridge and a new pedestrian bridge to access the existing General Sullivan Bridge in Dover, respectively.
- In June 2009, the Department completed the second and final phase of the Value Engineering (VE) assessment for the remainder of the entire 3.5-mile project area.
- Corridor Level ISA's for hazardous materials have been completed.
- The update of the wetland delineations and the identification of the invasive species areas were completed during the spring of 2010. The invasive species delineation was updated in the fall of 2013.
- The Type, Span and Location Study Report and the Underwater and Above Water Inspection Report for the General Sullivan Bridge were completed in June 2010 and May 2012 respectively.
- Another inspection of the General Sullivan Bridge was completed in the summer of 2014 with the load rating evaluation completed in September 2014.
- Preliminary highway design phase evaluation and plans were completed in Newington in December 2009 and in Dover in June 2010.
- Slope and Drainage highway design phase plans for Newington and Dover were completed in November 2010 and April 2012 respectively.
- Final Mylar design phase activities were completed for Contract L in May 2010.
- Final Mylar design phase activities were completed for Contract M in May 2012.
- The Department and the Pease Development Authority negotiated an agreement to extend the roadway project limits on Arboretum Drive approximately 2,000 lineal feet southerly to a point where the internal roadway infrastructure is in satisfactory condition to support the proposed Exit 3 design that is forecasted to generate additional traffic on Arboretum Drive. In addition, a driveway

connection from Woodbury Avenue to the former drive-in site was negotiated into the design. The design and construction of this additional work was incorporated in Contract M.

- During the course of project development in 2011, the Department, communities and stakeholders determined that two roundabouts would be incorporated within the project. The first is located in Newington at the intersection of Woodbury Avenue, Arboretum Drive and the Exit 3 southbound ramps and was incorporated into Contract M. This roundabout replaces the previously proposed signalized intersection. The second roundabout is located in Dover at the intersection of US Route 4, Boston Harbor Road and Spur Road and will be constructed as part of Contract Q.
- The Preliminary Bridge Phase submission was completed in June 2012 on the existing Little Bay Bridges for Contract O.
- Final Mylar design phase activities were completed for Contract O in August 2014 and is currently under construction.
- The Preliminary Bridge Phase submission for Contract Q was completed in February 2013 on the US Route 4 Bridge over the Spaulding Turnpike at Exit 6.
- The Preliminary PS&E Phase submission for Contract Q was completed April 2014.
- The PS&E Phase Submission for Contract Q was completed in October 2014.
- Final Mylar design phase activities including the City of Dover municipal water and sewer designs were completed for Contract Q in March 2016.
- The Department completed a Municipal Agreement on August 17, 2016 with the City of Dover for water and sewer utilities, sidewalk maintenance and the turnover and acceptance of local roadways from the Department.

2.5.2.3 Right-of-Way

- Early property acquisitions acquired under the 11238J project include the former Drive-in Theater property in Newington and the Conservation Easements on Day and Tuttle properties in Dover.
- Parcel D39, the Adaptations property was acquired under the 11238 parent project.
- The acquisition of the four parcels (D15, D16, D20 and D22) required for Contract L was completed in the summer and fall of 2010.

- The acquisition of twelve parcels (N1, N5, N6, N7, N9, N9-1, N9-2, N9-4, N19, N26, N27 and N30) required for Contract M was completed in the spring and summer of 2012.
- The acquisition of Conservation Easements on the Saba and Hislop properties in Newington has been completed.
- The complete acquisition of parcel D38, the Belanger Property, was completed in winter of 2011 and 2012. This acquisition was a result of a property owner request and provided additional land for stormwater detention basin placement. The building was demolished as part of Contract O.
- The acquisition of fourteen (14) parcels (D23, D33, D35, D57, D71, D72, D74, D80, D89, D90, D96, D98, D100 and D102) required for Contract Q was completed.

2.5.2.4 Construction

- The restriping of the Turnpike SB barrel and the SB on-ramp at Exit 6 (as part of a Transportation System Management (TSM) action) was completed in the summer of 2008 to improve the traffic operations in this area.
- In 2006, safety improvements, totaling \$7.9M, were completed to the Exit 4 interchange in Newington. Various elements of these improvements were retained as part of the Newington-Dover 11238 Contract "M", Exit 4 interchange reconstruction.
- Construction commenced in September 2010 for Contract "L". Contract L was completed with the installation of the overhead sign structure on September 23, 2015.
- Construction commenced in August 2012 for Contract "M". Contract M was completed in August 2016 which included the shift of traffic in 2015 onto the new Little Bay Bridge completed by Contract L. In addition, the restoration of Railway Brook was completed under Contract M.
- Construction commenced in September 2016 for Contract Q with a completion date scheduled for October 2020.
- Granite State Gas Transmission Company has completed the construction of the Little Bay directional drill underwater crossing. Construction began in the fall of 2012 and was completed in the fall of 2013.
- Contract O, which involves the rehabilitation of the Little Bay Bridges, was awarded for construction in December 2014 and completed in November of 2017.

2.6 Ongoing Activities

2.6.1 Mitigation

The NHDOT has adopted a comprehensive mitigation package for the project. As noted previously, some mitigation measures have been completed; others discussed below are in various stages of design and implementation.

2.6.1.-1 Travel Demand Measures

Implementation of the following TDM action will provide travel options to the project area.

- In December of 2009 the Department submitted a CMAQ application for the construction of a shared park and ride/bus stop facility at the Lee Market Basket Plaza. The application was not approved. An alternative shared Park and Ride facility including a Wildcat Transit bus stop is currently under consideration. The facility would be located along the NH 125 corridor just north of the NH 125/US 4 Lee Roundabout. This project will apply for CMAQ funds through the 2019-2020 biennial solicitation process until the project is funded.

2.6.2 Final Design Engineering

The Type, Span and Location Study (TS&L) for the General Sullivan Bridge rehabilitation was completed in March 2017. Following the review of the TS&L and the continual deterioration of the bridge, the Department is considering a re-evaluation of the rehabilitation option selected during the FEIS. It is anticipated that preliminary and final design for the General Sullivan Bridge will continue in 2018 and 2019.

The Department is pursuing a Municipal Agreement with the Town of Newington for sidewalk maintenance and the turnover and acceptance of Woodbury Avenue from the Department.

2.6.3 Right-of-Way

Additional right-of-way and permanent and temporary easements will be required for one property along the railroad corridor in Newington. This property is planned for acquisition – spring of 2018 and is not required for construction of this project.

2.6.4 Construction

Construction for Contract Q started in September 2016 with roadway, bridge, soundwall, stormwater basin and utility construction ongoing. The early embankment placement has occurred allowing for the installation of wick drains and settlement platforms to be installed to monitor consolidation of the existing marine clays. Minor traffic shifts have occurred to allow for phased construction. These similar construction activities will continue in 2018 and beyond with more extensive traffic shifts to occur.

2.7 Project Status Summary

The Project Status (**Table 2.7**) provides an overview of the four project elements used to track the progress of the Newington-Dover Project from its inception through construction. The status of the Design, Right of Way and Construction Elements are summarized for each Construction Contract. The status of the Mitigation Element is summarized for each mitigation component of the project including Environmental, Transit, Rail, TDM and Park & Ride. An overall Project Wide Summary status for each element is also provided in the table to provide an estimation of the overall project element status.

Table 2-7. Project Status

PROJECT ELEMENT	% COMPLETE	STATUS OVERVIEW COMMENT
DESIGN		
CONTRACT L	100%	Contract L – New SB Little Bay Bridge is complete.
CONTRACT M	100%	Contract M – Exit 3 & 4 in Newington is complete.
CONTRACT O	100%	Contract O – The rehabilitation of the existing Little Bay Bridge is complete.
CONTRACT Q	100%	Contract Q – Exit 6/Mainline in Dover is in construction.
CONTRACT S	40%	Contract S – General Sullivan Bridge (GSB) rehabilitation, the inspections of the GSB were completed in 2009, 2012 2014 and 2016. After structural evaluation, a NEPA alternatives reevaluation is being considered in 2018.
PROJECTWIDE SUMMARY	90%	All final design activities are completed except for Contract S which is ongoing and scheduled for completion in FY 2019

Table 2-7. Continued

PROJECT ELEMENT	% COMPLETE	STATUS OVERVIEW COMMENT
RIGHT-OF-WAY		
CONTRACT L	100%	4 parcels impacted and acquired
CONTRACT M	100%	12 parcels impacted and acquired
CONTRACT O	100%	0 parcels impacted
CONTRACT Q	100%	14 parcels impacted and acquired
CONTRACT S	100%	0 parcels impacted
Future RR Parcels - Newington	50%	2 parcels impacted, 1 parcel acquired with acquisition activities for final parcel underway
PROJECTWIDE SUMMARY	97%	31 of 32 parcels acquired for the project
MITIGATION		
ENVIRONMENTAL	100%	Tuttle and Day Properties preservation completed in 2009; Saba and Hislop Properties (Knight Brook watershed) acquired in 2012; Railway Brook restoration design and construction completed in Contract M.
TRANSIT	100%	Initial funding for Transit service operation was completed in 2012. Additional funding will extend transit operations through FY20.
RAIL	100%	Dow neaster Rail expansion completed in 2007.
TDM	40%	Promotion of ridesharing, bicy cling, and walking have funding in place through FY 20.
PARK & RIDE	92%	1-Dover P&R was completed in 2008; 2-Rochester P&R was completed in August 2014 and 3-Lee P&R will apply for CMAQ funding for FY 2019-2020.
PROJECTWIDE SUMMARY	90%	Environmental, Rail and Park & Ride work initiated or completed.
CONSTRUCTION		
CONTRACT L	100%	Construction activities initiated in September 2010 and now completed.
CONTRACT M	100%	Construction activities initiated in August 2012 and now completed.
CONTRACT O	100%	Construction activities initiated April 2015 and are now complete.
CONTRACT Q	37%	Construction activities initiated in September 2016 and will continue through the fall of 2020
CONTRACT S	0%	No Construction activities have been initiated.
PROJECTWIDE SUMMARY	87%	Construction activities have been initiated.

Implementation Plan

Based upon the current Turnpike revenue structure and a traditional delivery design-bid-build approach, the Newington-Dover Project is scheduled to be completed in the summer of 2022. The Dover Exit 6 interchange is scheduled to be fully operational in the spring of 2020 with the remainder of the project including the rehabilitation of the General Sullivan Bridge to a pedestrian and bicycle multi-use path completed in the summer of 2022. This chapter provides information on the planned schedule for the execution of all elements of the Newington-Dover Project as well as the assignment of project responsibilities and status of the necessary permits.

3.1 Project Phasing /Summary Project Schedule

The Department determined that five construction contracts are required to complete all of the project's necessary infrastructure improvements. **Figure 3.1** depicts the current construction contract breakouts and construction duration schedule. Each contract identified in the schedule includes advertising and bid period, construction duration and the estimated construction costs in 2017 dollars. The overall project will take approximately twelve years to complete. The first contract, Contract L, began in the fall of 2010 and the fifth and final contract, Contract "S", is currently scheduled for completion in the summer of 2022.

An additional contract, Contract U, which involves the construction of a highway maintenance facility in Newington between Turnpike Exits 3 and 4 at an estimated cost of \$7.05M was included and approved as part of New Hampshire's Ten-Year Transportation Plan (2017-2026). The facility is not subject to FHWA oversight and is not included as part of this financial plan.

This current construction schedule and the limits of each construction contract will be evaluated throughout the advancement of the design to identify factors such as permitting conditions, changed field conditions,

and funding availability that could affect the design or construction schedules. Under the current Turnpike revenue structure, **Table 3-1 (Project Schedule)** provides the current design status of each of the proposed construction contracts as they are advanced through each of the design/submission phases.

Table 3-1. Project Schedule

NEWINGTON - DOVER CONSTRUCTION CONTRACTS	DESIGN STATUS PERCENT (%) COMPLETE	SCHEDULED CONTRACT ADVERTISING	ESTIMATED/ACTUAL CONSTRUCTION COMPLETION
CONTRACT L - New South Bound Little Bay Bridge	100%	May 2010	Nov -2013
CONTRACT O - Rehabilitate Existing Little Bay Bridge	100%	Sept-2014	Nov -2017
CONTRACT M - Exit 3 & 4 Interchange Area, Newington	100%	May 2012	Nov -2015
CONTRACT Q - Exit 6 Interchange Area & Mainline Turnpike including sound walls, Dover	100%	May 2016	Oct-2020
CONTRACT S - General Sullivan Bridge Rehab.	40%	Fall 2019	Summer 2022

3.1.1 Implementation Responsibility

Coordination of the design and progression among the various construction contracts is critical to ensure the most effective project sequencing. The final responsibility for all project actions rests with the NHDOT's Project Manager and the NHDOT's in-house Management Team to ensure that all project activities are coordinated between the NHDOT's internal design staff and the Project's contracted design consultants. The NHDOT Project Manager will monitor design and construction progress, and ensure that up-to-date cost estimates are maintained as the project moves through the various design and construction stages.

3.1.2 Status of Permits and Approvals

Application for the appropriate permits is the responsibility of the NHDOT and individual construction contractors. The application for the necessary permits or notifications to permitting agencies will be monitored by the NHDOT's Project Manager and the NHDOT Bureaus of Environment and Construction to assure that all applications are filed in a timely manner to avoid scheduling issues and construction delays.

The Risk Management section (see Chapter 7) notes that early and frequent communication with regulatory and permitting agencies as well

as oversight by the NHDOT's Bureau of Environment was implemented during the advancement of the FEIS to facilitate the permitting process.

Table 3-2. Permits or Notifications for the Newington-Dover Project

AGENCY	PERMIT / NOTIFICATION	PERMIT SUBMITTED	PERMIT RECEIVED
US Army Corps of Engineers	Section 404 Permit for discharge of Dredged or Fill Material into waters of the United States (the Permit has been extended thru June 30, 2021)	August 2006	March 2010
US Coast Guard	Bridge Permit	April 2009	April 2010
NH Department of Environmental Services	Section 401 Water Quality Certification	February 2008	February 2010
NH Department of Environmental Services	Wetlands Dredge and Fill Permit (the Permit has to be updated and extended thru June 17, 2019)	August 2006	June 2009
NH Department of Environmental Services	Coastal Program-Coastal Zone Management Documentation submitted	December 2008	February 2010

Contract S—Following the review of the TS&L and the continual deterioration of the General Sullivan bridge, the Department is considering a re-evaluation of the bridge rehabilitation option selected during the FEIS

Project Costs

This chapter provides a detailed description of cost elements for the Newington-Dover Project and identifies the initial 2007 baseline costs from the FEIS, the current 2017 costs and the year-of-expenditure cost estimates. This chapter also provides costs incurred to date and an overview of assumptions made in developing and compiling projects costs.

4.1 Cost Descriptions

The Project cost estimate is comprised of major component costs, including:

- **Design Engineering** - include engineering and design services through construction plans and documents; the preparation of right-of-way plans and design program management services during the design phase; design contingencies for additional design services to cover unanticipated cost impacts of bridge type selection, enhancements, etc.
- **Right-of-Way Acquisition** - appraisals, administration, management and acquisition of required right-of-way.
- **Mitigation Costs** - various project-related activities such as wetlands, cultural resources, and the implementation of Travel Demand strategies are included.
- **Construction, Construction Administration and Utilities** - actual project construction costs; construction contingencies to address unforeseen circumstances; construction administration and inspection activities during the construction phases of the project; Utility costs include project costs that are identified as reimbursable costs to alter public and/or private utilities.

4.1.1 Final Design Engineering Costs

The initial design engineering cost estimate of \$13.8M was based upon a percentage (7%) of the total estimated construction cost of \$196.2M identified in the 2007 FEIS.

The current Design Engineering cost estimate is \$24.75M and includes costs associated with contracted consultant design services, reimbursable utility relocation design services as well as design services provided by the NHDOT engineering and management staff.

Consultant final design services of \$17.99M include roadway and structural design, landscape design and soundwall engineering, right-of-way plan preparation, utility coordination activities, environmental oversight and permitting and design project management activities. Other consultant design services, which include preliminary design, geotechnical, paint inspection, incident management, marine sampling, and ITS services, total \$0.81M. Additional engineering and support services provided by NHDOT are estimated at \$5.95M and include survey, design reviews and project coordination, public involvement, lighting design, traffic control signing, geotechnical engineering and contract bidding services. The utility relocation design services total \$2.2M and are included in the NHDOT engineering and support services estimated at \$5.95M. (The estimate for the 11238 parent project, which includes nearly all the engineering and ROW costs, is included in Chapter 8 - Exhibits).

All final design activities have been completed except for Contract S which are ongoing and currently scheduled for completion in 2019. Construction activities have also been completed for Contract L, Contract M, and Contract O. Contract Q advertised in May 2016 with completion planned for October 2020. The additional inspections, load ratings and preliminary design efforts were completed for the General Sullivan Bridge as part of Contract S and as a result the Department will be reconsidering alternative solutions discussed in the EIS as part of an environmental reevaluation. Refer to Section 2.6.2 for additional details on completed final design activities.

4.1.2 Right-of-Way Acquisition Costs

The right-of-way activities are estimated at \$8.74M. These costs are associated with property appraisals, property acquisitions, administration, and management. The project requires approximately 5 full property acquisitions and 34 partial acquisitions with easements for the project. Completed early right-of-way acquisitions totaling \$3.70M include the

former drive-in theater property in Newington and the Day and Tuttle properties in Dover. The Day and Tuttle property acquisitions are not included in the \$8.74M right-of-way total, but are included as part of the project wide mitigation and enhancement costs.

4.1.3 Mitigation Costs

The NHDOT has adopted a comprehensive mitigation package for the project. Costs for the various elements of the package are described below.

4.1.3.1 Environmental Components

The Stream Restoration for Railway Brook in Newington was a requirement as part of the wetland mitigation for the project. The estimated construction cost is \$0.80M

Wetland mitigation costs totaling \$4.02M include the acquisition of the Tuttle and Day properties in Dover and properties adjacent to Knight Brook in Newington. These costs are included in the overall engineering, right-of-way, and construction costs of the project.

Table 4-1. Wetland Mitigation Costs

	Estimated Cost
Town of Newington	
Railway Brook (Restoration cost)	\$0.80M
Knight Brook Properties	\$1.65M
Newington Total	\$2.45M
City of Dover	
Tuttle Farm	\$1.34M
Day Property	\$0.23M
Dover Total	\$1.57M
Mitigation Total	\$4.02M

4.1.3.2 Travel Demand Measures

Implementation of the following TDM actions will provide travel options in the project area.

- A new Park-and-Ride facility at Exit 9 in Dover was completed in July 2008 as a separate project (Project #14287). Design and construction costs totaled \$3.34M.

- A new Park-and-Ride facility at Exit 13 in Rochester was completed in October of 2014 as a separate project (Project #20254). Design and construction costs totaled \$2.10M.
- A new Park-and-Ride facility at just north of the US 4/NH 125 roundabout in Lee is planned as a separate project once funding is approved. Design and construction costs are estimated at \$400,000.
- Bus alternatives to improve bus service in the seacoast area were advanced with capital investments and operating subsidies for a five-year period from FY 2013 thru FY 2017. Costs were estimated to total \$8.86M (Project #11238). With the success of the regional transit service performance as part of Bus Alternative 3, the Legislature has authorized the Department to extend transit service through 2020 to align with the completion of the associated Spaulding Turnpike construction improvements. The Federal and State funding was increased from \$8.86M to \$11.96M to include the additional transit operating costs.
- The NHDOT has provided \$2.0M in support of the expansion of the Downeaster rail service through a joint-sponsored effort to operate a fifth weekday roundtrip between Portland and Boston that was initiated in August 2007.
- Promotion of TDM measures including ridesharing, bicycling, walking, and the use of public transportation is estimated to cost \$930,000.

Table 4-2. Travel Demand Measure Costs

	Actual/Estimated Cost
Park and Ride	
Dover Park & Ride Exit 9	\$3.34M
Rochester Park & Ride Exit 13	\$2.10M
Lee Park & Ride	\$0.40M
Total	\$5.84M
Transit and Rail Service	
Improved Seacoast Bus Service (2013-2017)	\$8.86M
Expanded Seacoast Bus Service (2018-2020)	\$3.10M
Expansion of Downeaster Rail	\$2.00M
Total	\$13.96M
Promotion of TDM Measures	
Promotion of bicycling, ride sharing, walking, etc.	\$0.93M
Mitigation Total	\$20.73M

4.1.4 Construction Infrastructure and Utility Costs

The NHDOT developed a preliminary construction cost estimate based upon the preliminary concepts for the Preferred Alternative identified in the 2007 FEIS. This initial 2007 FEIS cost estimate serves as the foundation for estimating the major construction items such as, but not limited to, earthwork, structures, drainage, pavement and select materials, signals, soundwalls, mobilization, maintenance-of-traffic, ITS, signing and lighting.

The current construction cost estimate is based upon the best available cost data at the time of the estimate or based upon the actual construction contract cost. Each of the construction contracts are currently being advanced over a twelve-year (2010 to 2022) period. With the anticipated five construction contracts being at various stages of design completion over the design period, the level of certainty with regard to the actual final cost of each contract increases as the project designs are advanced through each of the design phase submissions and the known and quantifiable costs become more apparent.

Construction Administration and inspection - The construction inspection, administration and related contingency costs were estimated to be 10% of the total construction costs as part of the 2007 FEIS. The construction administration and inspection costs are currently estimated at 6% of the total construction cost (5% for Contract Q), including costs for state personnel and contracted services.

Construction Contingencies - Construction contingencies for structural and roadway related construction elements are estimated to be 3%. This contingency is carried through the advancement of the various design engineering phases from preliminary to final plans. The contingency is reduced as the certainty of information (design elements and details, construction materials, quantities, geotechnical investigations, etc.) becomes more evident and ultimately is eliminated from the cost estimate at the final plans, specification and estimate stage of the contract plans and documents. The calculation of quantities for project bid items and the estimated unit costs (based upon the latest available market conditions) for each quantity serve as the basis in developing the engineers' opinion of the total project construction cost. The engineers' cost estimate includes increasing (or rounding upward) item quantities to the next significant digit for bidding purposes. Occasionally, the rounding is increased further to account for the limited information available to adequately estimate specific items. This rounding is based upon an evaluation of the available data and/or based upon previous experience and with logical expectations of final outcome.

Utilities - The mapping of the existing utilities within the corridor have identified several utility relocations that are eligible for reimbursement. The reimbursable utilities have easements within the State of New Hampshire Right-of-Way and on private property. The mapping of the existing utilities is complete. The reimbursable cost for the utility relocation in Contract M was \$4.94M. The reimbursement costs for utility relocations in Contract Q are estimated to be \$5.36M (\$1.62M participating and \$3.74M non-participating) based on the information that is currently available with the design being 100% complete.

4.1.5 Cost Estimate Overview

The initial total project cost estimate of \$228.7M, which serves as the project baseline cost estimate, was founded upon preliminary design concepts of the NHDOT's Selected Alternative presented in the 2007 Final Environmental Impact Statement (FEIS) and subsequent Record of Decision in October 2008. These costs which include final design, right-of-way, project mitigation, and construction were reviewed by both NHDOT and FHWA for validity of the baseline estimate and assumptions.

Since the 2007 baseline cost estimate, significant design activities have progressed and the level of certainty for some of the project elements have become more quantifiable and more apparent. The current total estimated cost of the Newington - Dover Project, in 2017 dollars, is \$286.5M.

With construction beginning in 2010 and scheduled to end in 2022, the 2017 estimated costs have subsequently been adjusted and inflated to reflect the current project schedule and the year-of-expenditure costs. The current total estimated cost for the Newington-Dover Project is \$287.4M based on the projected year-of-expenditure (*i.e.* cash flow basis) and current expectations of construction related inflation. For the forecast years 2017 through 2022, the NHDOT has assumed a 3% annual level of inflation for construction costs based upon Engineering News Record's material price index over the last 10 years. **Table 4-3** provides a comparison of the FEIS Project Cost, the current 2017 Project Cost and the forecast Total Project Cost inflated through 2022. While the double-digit construction cost escalations experienced from 2003 through 2008 have trended downward, the NHDOT will continue to monitor and adjust the project costs based upon the economic conditions and any changed field conditions or new information that develops. The cost containment section of Chapter 7 discusses risk reduction strategies that the Department will utilize.

Table 4-3. Project Cost Comparisons

PROJECT ELEMENTS	Cost in Millions		
	2007 FEIS Costs	2017 Current Cost Estimate	2017 Projected Future Cost Estimate through 2022 (3% inflation for construction)
Final Design Engineering	\$13.8	\$24.8	\$24.8
Right of Way Acquisitions	\$2.2(*)	\$8.7	\$8.7
Mitigation (Wetland, Transit and TDM)	\$16.5	\$24.8	\$24.8
Construction	\$196.2	\$228.3	\$229.2
Totals	\$228.7	\$286.5	\$287.4

(*) Data from assessors Records 2004, Dover and Newington based upon approximation of total acres impacted.

Project Financing

As described in detail in Chapter 4, current estimates based upon the most up-to-date information on construction-related inflation the Newington – Dover project will require an estimated \$287.4 (in year of expenditure dollars) to fully fund all project elements. This chapter reviews the plan to finance the project, including funding sources and the funding plan.

5.1 Funding Sources

The Newington-Dover project is authorized by the Legislature up to \$275M for the design, right-of-way, mitigation and construction elements project-wide as part of New Hampshire's Ten-Year Transportation Plan Process. As originally planned and for the purposes of this Financial Plan Update, the Newington-Dover project will be entirely funded through a combination of federal and state funding. The primary funding source is through the NH Turnpike System Capital Program. In addition, New Hampshire has secured special federal designations from four federal earmarks via congressional action and a federal grant directed from the Transportation, Community and System Preservation Program (TCSP). These earmarks are being provided by the Federal Highway Administration (FHWA) and directed toward the construction of the new independent sister bridge adjacent to the existing Little Bay Bridge and the approach roadway work, identified as Newington-Dover Contract L. Additionally, the NHDOT in conjunction with the FHWA has authorized additional federal funds for the early right-of-way acquisition of impacted properties as well as right-of-way preservation costs associated with wetland mitigation. Applications for federal Congestion Mitigation and Air Quality (CMAQ) funding have been approved to afford improved transit service as well as for the construction of two park and ride facilities.

As of January 27, 2010, \$31,409,506 of federal funds has been authorized toward Contract L. Three of the four earmarks are 100% federally funded in the amount of \$ 9,601,605. The remaining earmark and the TCSP Grant are 80% matching federal funds that require a 20% state match. The 80%

federal match totals \$21,807,901 and the required state match from Turnpike Funds totals \$5,451,975.

The federal funds for the 11238 J project were authorized for early right-of-way acquisition and wetland preservation mitigation and are 80% federal matching funds that require a 20% state match. The 80% federal match totals \$2,960,000 and the required state match from Turnpike Funds totals \$740,000.

The CMAQ applications for federal funding associated with transit, Travel Demand Management (TDM) and the park and ride (P&R) facilities are also 80% federal and 20% state Turnpike matching funds. To meet the commitments in the Report of Commissioner, FEIS, and ROD for transit, the capital costs and three years of transit operations totaling \$5,267,453 Federal Funds with the 20% matching Turnpike funds totaling \$1,316,863 for FY 2013 thru 2015 were approved.

For Fiscal Years 2016 and 2017, the Department extended transit operations using turnpike only funds totaling \$2,272,000. To maintain transit operations during the remaining construction activities (FY 2018-2020), the Department requested additional CMAQ (80% federal) and Turnpike funds (20%) totaling \$3.1M.

For promotion of TDM measures project wide, 80% federal funds totaling \$745,403 and 20% state Turnpike matching funds totaling \$186,352 have been authorized under the CMAQ Program.

The CMAQ (14500) project associated with the expansion of the Downeaster rail service was completed in 2007 and included \$1,600,000 in 80% federal matching funds and \$400,000 in 20% State Highway matching funds.

The NHDOT completed the Dover P&R in 2008 using \$2,670,114 in federal matching funds and \$667,528 in state Turnpike matching funds. The NHDOT completed the Rochester P&R in 2014 using \$1,683,059 in federal matching funds and \$420,765 in state Turnpike matching funds. The proposed Lee P&R facility will be designed and constructed with \$320,000 in 80% federal matching funds and \$80,000 in 20% state Turnpike matching funds allocated. (These funding amounts are shown in Table 5-1.)

In addition to the obligated federal and matching state funding of \$61,303,343 noted in Table 5-1, the NHDOT has established a priority Capital Program totaling \$471.6M for the period from 2008 through 2024 to address critical bridges and improve safety and congestion on the New

Table 5-1. Federal Project Funding with State Matching Funds

Description / ID #	80% TCSP Grant	80% CMAQ/ TDM	80% Federal Earmarks	80% Federal Funding	100% Federal Earmarks	20% State Highway Matching Funds	Matching Turnpike Funds	Total	Total Authorized	Total Expended To-Date	Total Remaining
NH 053 ⁽⁴⁾			\$20,029,501				\$5,007,375	\$25,036,876	\$25,036,876	\$25,036,876	\$0
NH070 ⁽⁴⁾					\$2,475,000			\$2,475,000	\$2,475,000	\$2,475,000	\$0
NH080 ⁽⁴⁾					\$1,715,000			\$1,715,000	\$1,715,000	\$1,715,000	\$0
NH 036 ⁽⁴⁾					\$5,411,605			\$5,411,605	\$5,411,605	\$5,411,605	\$0
TCSP ⁽⁴⁾	\$1,778,400						\$444,600	\$2,223,000	\$2,223,000	\$2,223,000	\$0
11238 J ⁽¹⁾				\$2,960,000			\$740,000	\$3,700,000	\$3,700,000	\$3,700,000	\$0
14500 ⁽²⁾ TDM Promotion		\$1,600,000				\$400,000		\$2,000,000	\$2,000,000	\$2,000,000	\$0
Transit 8 yrs. ⁽³⁾		\$745,403					\$186,352	\$931,755	\$931,755	\$497,593	\$434,162
Dover P&R		\$8,969,231					\$3,644,889	\$11,968,641	\$11,968,641	\$8,124,252	\$3,844,389
Lee P&R		\$2,670,114					\$667,528	\$3,337,642	\$3,337,642	\$3,337,642	\$0
Rochester P&R		\$320,000					\$80,000	\$400,000	\$0	\$0	\$400,000
		\$1,683,059					\$420,765	\$2,103,824	\$2,103,824	\$2,103,824	\$0
TOTAL	\$1,778,400	\$15,342,328	\$20,029,501	\$2,960,000	\$9,601,605	\$400,000	\$11,191,509	\$61,303,343	\$60,903,343	\$56,624,792	\$4,678,551
Total Federal Funds:					\$49,711,834						

(1) Includes 11238 K, 20% Turnpike Matching Funds of \$740,000 for the 11238 J Federal Funds of \$2,960,000.

(2) 14500 CMAQ project comprised of 80% federal funds and 20% state highway matching funds. Federal funds in the amount of \$1,600,000 were transferred from FHWA to FTA in a letter dated April 24, 2006.

(3) Transit Operation from the initial three-year CMAQ request for capital and operating costs have been extended to a total of eight years to correlate with the expected construction activities thru

(4) Federal funds for 11238L Project include a total of \$31.4M based upon NH053, NH070, NH080, NH036, and TCSP.

Hampshire's three turnpikes within its Turnpike System. The projects are authorized by previous NH "Ten Year Plans" (TYP) from 2008-2017, HB 391 that was passed by the Legislature and the toll increase at Hampton approved effectively July 1, 2009, as well as those approved under the 2017-2026 TYP. A total of \$260.8M of these Turnpike Priority Program funds including the \$5,451,975 state matching share of federal funds is currently programmed by NHDOT for the Newington-Dover project.

In June of 2009, HB 391 (copy of HB 391 available, see addenda materials) was enacted by *Senate and House of Representatives in General Court and signed by the Governor* authorizing the Department of Transportation to:

- Convey to the New Hampshire Bureau of Turnpikes, and the New Hampshire Bureau of Turnpikes is authorized to acquire from the state, a portion of I-95 in the City of Portsmouth for the sum of \$120,000,000.
- Redefine the eastern New Hampshire turnpike, providing for the maintenance and funding of a portion of the eastern New Hampshire turnpike.
- Increase the aggregate amount of bonds the State may issue.
- To install open road tolling.

Within HB 391 and related to providing funding in the amount of \$275M for the Newington-Dover project, HB 391 amended NH Statute Chapter 237: Turnpike System, Section 237.7 Funds Provided - "146:10 New Subparagraphs; Funds Provided Amend RSA 237:7, I by inserting after subparagraph (o) the following new subparagraph (r) Construction of the Newington-Dover Bridge project 275,000,000". HB 391 also provided for the issuance of Revenue Bonds not to exceed \$766,050,000 in the aggregate from time to time for the purpose of financing NH Turnpike System construction projects.

5.2 Financial Strategy and Implementation Plan

The Bureau of Turnpikes collected \$127.9 in toll revenue in fiscal year 2017, and estimates to collect \$128.9² in 2018. Revenue Bonds proceeds of \$50M were issued in June 2015 to support continued expenditures under the Capital Program. No bonds have been issued since, as toll revenue has been sufficient to support operations and construction needs.

The \$862.2 Capital Program is envisioned to be funded with \$302.9M (or 35%) of Turnpike revenue bonds (\$319.7M - \$16.8M set aside for reserves) and \$517.9M (or 60%) of Turnpike toll revenue, as well as federal earmarks

and grants for the Newington Dover Project totaling \$41.4M in federal dollars.

Table 5-2 Project Funding Sources summarizes the sources of project wide funding (2017 dollars) including \$49.7M in federal funds from Earmarks, TCSP Grants, CMAQ funds and other federal programs and \$236.8M in State funds derived from State Highway funds, Turnpike toll revenues and Turnpike revenue bonds.

Table 5-2. Project Funding Sources (2017 Dollars)

	Total
Federal Funding	
80% Federal Funds	
CMAQ/TDM	\$15,342,328
TCSP	\$1,778,400
Federal Funds	\$2,960,000
Federal Earmarks	\$20,029,501
Subtotal	\$40,110,229
100% Federal Funds	
Federal Earmarks	\$9,601,605
Total Federal Funds	\$49,711,834
State Funding	
From Toll Revenues and Turnpike Revenue Bonds	
20% Turnpike Matching Funds	\$11,191,509
100% Turnpike Funds	\$225,213,407
Subtotal	\$236,404,916
From 20% State Highway Matching Funds	\$400,000
Total State Funds	\$236,804,916
Total Project Funds Required (2017 Dollars)	286,516,750

Project Cash Flow

This chapter provides a summary of the annual cash flow needs of the Newington-Dover project. Given that this is the 2017 Financial Plan Update, and that the project is in the near final stages of design and construction, implementation plans, contract breakouts and the projection of project costs, it is anticipated that this chapter will be updated as part of the annual financial plan update.

6.1 Sources and Uses of Funds

As discussed in Chapter 5 and based upon the Department's current plans, the Newington-Dover project components (engineering, right-of-way, mitigation and construction) will be funded with a combination of federal and state Turnpike funds. **Figure 6.1-1** identifies a summary of sources of project wide funding totaling \$286.5M (2017 dollars) for the Newington-Dover project. The federal funds include a combination of TCSP Grant funds, federal Earmark funds, CMAQ federal funds and other federal program funds totaling approximately \$49.7M as identified in Table 5-1. Certain of these federal funds require a 20% Turnpike and 20% State matching amount which currently totals \$11.6M. The remaining source of project funding, totaling \$225.2M, is derived from Turnpike toll revenue and Turnpike revenue bonds.

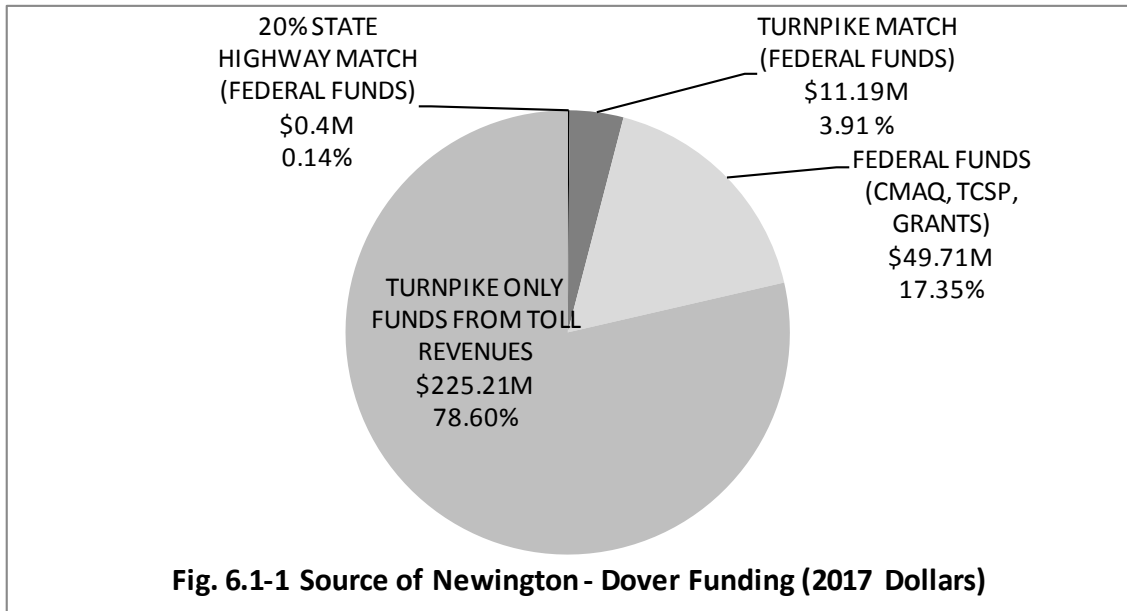


Figure 6.1-1 identifies the project cost (2017 dollars) of the major project components. These components include preliminary and final design engineering costs related to the development of final plans and contract documents prepared by project consultants and NHDOT personnel; right-of-way costs associated with the necessary property acquisitions to facilitate all of the construction and mitigation elements; Mitigation costs including wetland mitigation; Travel Demand Management measures such as improved rail and transit services as well as new park and ride facilities; and project construction costs related to the roadway and bridge improvements.

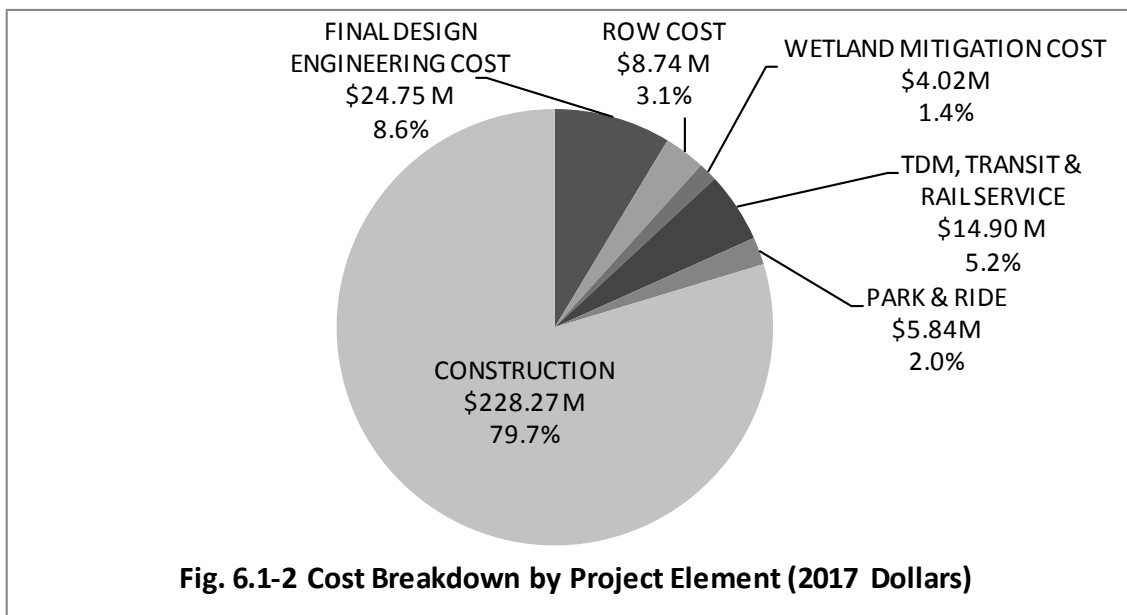
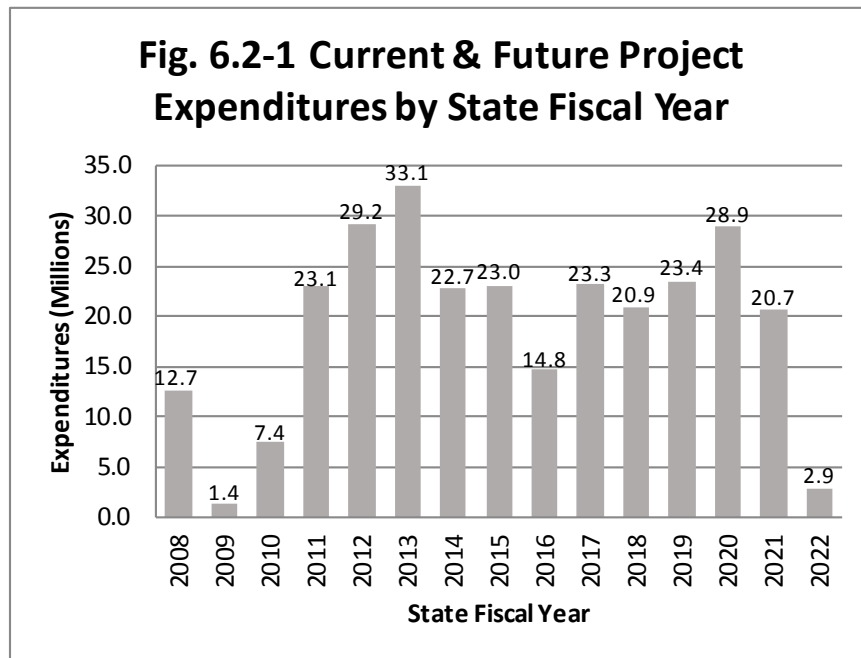


Figure 6.1-2 Cost Breakdown by Project Element Final Engineering, Right-of-Way, Mitigation and Construction Costs in 2017 Millions of dollars.

6.2 Cash Flow Plan

Figure 6.2-1 summarizes the Current and Projected Future Expenditures by State Fiscal Year from 2008 thru 2022 (include state and federal funds). Project costs for construction contracts that will advertise in the future have been inflated by 3% per year to reflect potential increases in construction costs from the current 2017 fiscal year to the year of advertisement.



The foldout, **Figure 6.2-2 Project Implementation Plan**, provides a more detailed overview of the current and projected future expenditures by State Fiscal Year from 2008 thru 2022. This figure shows the FEIS project cost estimates, the current 2017 project cost estimates and the forecast year project cost estimates. The breakout identifies federal funding apportionments, Turnpike matching funds, as well as additional Turnpike funds from Toll revenues.

The estimated project cost when the 2007 FEIS was published was \$228.7M. In 2017, the project costs increased to \$286.5M. Currently when the project is completed in summer of 2022 the total estimated project cost is estimated to be \$287.4M. As the project continues to advance through the final design the known and quantifiable costs for each contract will become more apparent as more detailed information is collected and more recent cost data is determined. The actual total project cost is not truly known until construction is completed.

6.3 Forecasted Cost Compared to Allocations by Fiscal Year

The completion of the Newington–Dover project is a high priority project for the State of New Hampshire. The project has been successfully advanced through the NEPA process. The plan is to finance the project with federal earmarks and grants, CMAQ federal funds for TDM elements and general cash reserves from Turnpike toll revenue as well as proceeds from Turnpike Revenue Bonds.

The project is included as part of the NHDOT Ten Year plan and cost allocations will be updated as necessary to match fiscal year expenditures and annual programmed allocations.

Figure 6.3 Current and Forecast Turnpike Funding Revenues depicts the annual forecast distribution of Federal Grants and Federal Earmarks, the required Turnpike Matching funds associated with these federal funds and additional Turnpike funds necessary to complete all components from 2008 through 2022, the final year of construction. The total annual funding needed from the NH Turnpike System’s Priority Capital Program to implement all project elements for each fiscal year is the summation of the allocations for the Turnpike matching funds and non-matching Turnpike funds. The annual Turnpike funds needed for each fiscal year ranges from a low of \$1.23M in 2009 when final design activities were initiated to a high of \$29.5M in 2013 when construction of two large contracts were on-going at the same time. A total \$238.3M of Turnpike Capital Funds is forecast to complete the Newington-Dover project through 2022.

Risk Management

7.2 Design Factors

7.2.1 Project Scope and Design

Careful attention needs to be given to design development and construction sequencing to keep the project on schedule. To mitigate risks to the project schedule, the NHDOT tasked the Design Consultant and the Department's internal management and engineering staff with coordinating the development of the following design elements: Consultant will be responsible for roadway and structural design and estimating; traffic evaluations and signal design; Intelligent Transportation Systems (ITS); context sensitive solutions; hazardous materials investigations, development of mitigation plans; permitting applications; signage; maintenance-of-traffic; construction phasing; pavement markings; soundwalls; utility evaluation and coordination. Department staff responsibilities include geotechnical investigations and recommendations; lighting design; project controls (scope, schedule, reporting, overall management; risk analysis; construction cost trends / pricing); public involvement; communications; and design reviews.

Regular weekly and monthly meetings, monthly status reports and schedule reviews are conducted as necessary throughout the design process. This oversight will help insure that the project stays on budget, the contracts stay on schedule and design issues that have an effect on contract overlap are immediately addressed.

Through the course of project development, the Department has identified several design related modifications such as the Arboretum Drive extension, General Sullivan and Little Bay Bridge inspections, Exit 6 traffic control modifications, and significant geotechnical

accommodations for Contract Q that are necessary for incorporation into the project. These modifications will be incorporated within the final design engineering costs during FY 13, FY 14, FY 15 and FY 16.

7.2.2 Right-of-Way

The acquisition of a majority of the properties is completed reducing the risk of escalating right-of-way costs. The two remaining properties are for future railroad improvements between Exits 3 and 4. The design for these improvements has been completed sufficiently to establish the Right-of-Way. The Right-of-Way plans have been completed and the Department is currently in the acquisition phase of these properties. The acquisition of these properties is expected to be completed in 2017.

7.2.3 Utilities

The NHDOT has implemented a number of efforts to minimize utility delays in both obtaining critical information needed for design, as well as field relocations during construction. The NHDOT has delegated the majority of the utility coordination activities project-wide to the design consultants' scope-of-services to support coordinated design submissions, improve coordination between design disciplines and minimize delays due to the NHDOT's limited staff resources.

To assure more timely and accurate information to reduce construction delays and utility conflicts, a Subsurface Utility Engineering (SUE) contractor was included within the design consultant scope of services. The SUE contractor provided "quality levels" (Level A through Level D) of information that benefit both the NHDOT and the affected utility companies by first, understanding if there is a conflict and second allowing for early opportunities to design around the conflict with the potential to reduce or eliminate construction delays, relocation costs, and contractor claims with fewer disruptions in utility service.

Through the course of project development, there are utility relocations that are identified as being reimbursable as evidenced within this update. The Department refined the reimbursable utility relocations in Dover during FY16 to estimate the design and construction costs. The anticipated amount of reimbursable utility relocations has been estimated to be \$5.36M (\$1.62M participating and \$3.74M non-participating) based on the information available. The amount of reimbursable costs will be modified as necessary as the construction of Contract Q is advanced.

7.3 Environmental Factors

7.3.1 Agency Regulation Changes and Delays

NHDOT has been successful in obtaining all the regulatory authorizations for the project to date (e.g., NEPA, ROD, NHDES Wetlands Permit, US ACOE CWA Section 404 Permit, and Section 106 MOA), Water Quality Certificate (WQC), Coastal Zone Management document and the US Coast Guard permit.

NHDOT and FHWA are responsible for tracking this final permitting effort and will continue to make appropriate resources available to address any concerns expressed by the regulatory agencies. However, given that the major permitting authorities have already acted, the risk posed by regulatory delays has been reduced significantly.

The current construction completion date of summer 2022 is beyond the expiration date of the NH Wetlands Dredge and Fill Permit in June, 2019. As the design continues for Contract S, the construction timing for the wetland impacts will be better identified in meeting the 2019 expiration date. The Department included language for Contract Q such that any disturbed wetlands are required to be filled prior to the June 2019 wetland permit expiration date. Should construction not be able to meet the Wetlands Dredge and Fill Permit expiration date for Contract Q and Contract S, the Department will open discussions with NHDES on the additional time required to impact the wetlands to determine if another extension or if a new permit is required to complete the project.

The current US Army Corps of Engineers (USACOE) Permit has an expiration date in June 2021. Contract S is scheduled to be the only remaining construction contract and as the design and construction scheduling is advanced, the Department will identify construction activities that may affect the conditions of the USACOE Permit. If the Department identifies permit concerns they will open discussions with the US Army Corps of Engineers regarding the permit conditions and expiration date.

The development of the various rehabilitation alternatives for the General Sullivan Bridge (GSB) is currently being developed along with the accompanying estimated construction costs. The continued structural deterioration of the GSB based on the inspections could result in higher than expected estimated construction costs. As a result, the Department and the Federal Highway Administration are preparing a Supplemental Environmental Impact statement (SEIS) for the General Sullivan Bridge portion of the project only. The Coordination Plan for

Agency and Public Involvement has been posted. The alternatives developed will be reviewed with the Federal Highway Administration and the NH Historic Preservation Office in the development of the SEIS and the selection of the Proposed Action to advance to final design.

7.5 Financing

A recognized funding risk is the potential for delays in funding due to federal and/or state funding lapses or competition from other projects for available funding.

7.5.1 Turnpike Revenue

New Hampshire has recognized the importance of secure project funding and has developed and will utilize a detailed cash flow model that projects and monitors cash flow resources and needs for the entire Turnpike Capital Program. The State's Legislature has authorized project amounts in the Capital Program for the design, right-of-way and construction of Turnpike projects in the amount of \$275 Million. As part of the approved "10 Year Plan" (2017-2026) the construction projects are funded under the schedule contained within this report.

Under the Department's presentation to the House Finance Committee in 2009, Legislative approval of HB 391 was obtained with the understanding the \$275 Million cost for the Newington-Dover Little Bay Project represents the entire authorized project costs to include all funds. With the total costs (including all funds) at \$287.4 Million, the Department will be seeking Legislative authority to increase the overall project costs as represented in this report.

7.6 Construction

7.6.1 Unforeseen Issues

With construction ongoing, unforeseen issues may occur during construction of roadway and bridge contracts including:

- Right-of-way issues with adjacent property owners, including the protection of the adjacent property owner from construction activities (i.e. impacts to private wells, buildings and foundations, impacts to property driveway access and business loss that can create delays or work stoppage if not resolved early in the

construction process). The Department's Contract Administrator (CA) serves as a conduit between the property owner and the contractor during the various phases of construction. The CA can provide the owner information as to when the construction will occur and how it will be completed to minimize disruption to the property owners.

- Utility relocations often delay roadway construction projects, since utility companies are normally not an active party to contracts between highway agencies and roadway contractors. To minimize delays, the NHDOT CA facilitates communications among parties involved in the contract including the contractor, the utility companies, other NHDOT departments and the affected public. The CA has regular meetings with the contractor and the affected utilities to facilitate coordination of the contractor's means and methods with the utility companies' work plan, which provides the duration that each phase of the relocation will take. These meetings also serve as a forum to communicate with all parties in order to improve the efficiency of the construction and utility work. For example, Contract M encountered a modification in construction operations of the water and gas line relocations near Exit 3 due to the close proximity of the existing lines and the ledge removal required for the placement of the proposed lines. The contractor completed hoe ramming the ledge for the placement of the proposed lines instead of traditional production blasting. This was deemed necessary to reduce the potential for impacts to service during construction. As a result of this unforeseen operation, the project completion date was extended 70 days.
- Weather issues can create delays for the contractor and the utility companies assigned to relocate/construct utilities. Often utilities follow each other's schedules with materials and manpower. Unforeseen weather delays can have major impact to highway project contracts where a utility's manpower is diverted to address emergency outages and repairs.
- Changes in field conditions, whether it as a result of a sub-surface geotechnical finding (i.e. increases in unsuitable materials, groundwater issues, etc.); or an environmental impact (i.e. new cultural resource (historical, archeological) or a hazardous material finding that requires additional field investigations. As noted earlier, the NHDOT has completed extensive field investigations including all natural and cultural resources early in the project development process. The NHDOT's project wide geotechnical program has advanced the geotechnical investigations as each construction contract is progressed through the various design phases. While possible, it is unlikely that unforeseen natural/ cultural resource, hazardous material sites or changes to geotechnical subsurface

findings would create significant cost escalation or schedule delays for the Newington-Dover project. Other examples of changed field conditions that occurred during construction of Contract L and Contract M include: During construction completion of Contract L the contractor and the Department determined that the proposed limits of ledge removal for one of the piers must be increased to account for poor ledge strength and stability. Contract M, discovered a former gas station, previously thought to be a fully mitigated hazardous materials site was subsequently abated in the field.

- Contract Q has identified soft soil issues through the geotechnical program and accounted for them in design. However, during construction additional or changes in soil conditions may be encountered requiring additional design and construction costs.
- Local environmental permitting issues where requirements are more stringent than NHDOT or NHDES requirements. Changes in environmental rulemaking for projects that have multiple construction contracts that extend over many years. The NHDOT has worked closely with permitting agencies throughout the development of the project to obtain the necessary permits to advance construction. These permits have specific environmental conditions which are being addressed with the permitting agencies to their satisfaction prior to construction beginning. In addition to these specific conditions, there are several other environmental elements that are being incorporated into the project that will mitigate risk once construction commences. The specific environmental conditions and elements consist of:
 - A Stormwater Pollution Prevention Plan that includes a Sediment Management Plan and a Soil Management Plan;
 - Hazardous Materials research through the use of Initial Site Assessments (ISA's) and Preliminary Site Assessments (PSI's) prior to construction;
 - Erosion, Sediment and Water Quality Control to include temporary and permanent slope stabilization as well as turbidity monitoring;
 - Asbestos Abatement documentation prior to building demolition;
 - Alteration of Terrain and Open Area controls with a limit of five acres of disturbance unless larger areas are requested and approved.
- Contract L encountered the usual and customary additions and deletions from a construction contract that tend to offset one another.

There was one modest alteration to the contract that addressed the staged placement of the concrete bridge deck that the Department has negotiated a cost increase of approximately \$0.4M.

- Contract M encountered the usual and customary additions and deletions from a construction contract that tend to offset one another. However, the overall construction cost for Contract M was reduced by approximately \$3.5M. This can be attributed primarily to price adjustments downward for fuel and asphalt costs, and reductions in quantities for the various paving and erosion control items.
- The Department has also reviewed coordination of construction contracts required to shift the traffic onto the new SB Little Bay Bridges between Contract L and M. The delays in placing the concrete deck for Contract L and the delays encountered for project development for Contract M combined with the construction duration needed to complete critical path utility relocations and roadway and bridge construction in Contract M required the shift of a portion of the roadway work from Contract L to Contract M. This shift allowed the Contract M contractor to control the roadway work required to support the shift of traffic onto the SB Little Bay Bridges. These shifts in work between Contract L and M were incorporated.

7.6.2 Contractor Delays and Claims

The issues described above may lead to construction scheduling delays or potential contractor claims against the project where the contractor feels that they have incurred additional costs in the performance of his work. These issues are best managed and addressed through early and often communication between the contractor, contract administrator, and other stakeholders.

The Department completed the Contract L modifications as described above during FY13 which addressed the construction schedule.


Contract M addressed the delay in construction related to the utility relocations as previously described. As a result, the contract completion date was extended 70 days.

8

Exhibits

7/31/2017	Turnpike System Capital Program, Monthly Status Report – July 2017
5/17/2017	Modified Project Agreement Estimate update for PE and Right-of-Way (11238 Parent project)
07/01/2017	Construction Cost Index, Vol. 12, No. 1; Bureau of Construction
11/27/2017	Fiscal Management Information System – Project Fund History Report
Dates vary	Construction Contract Estimates
6/30/2017	Exhibit 8 Bond Interest Summary

**STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION**

FROM:  David S. Smith, P.E.
Assistant Administrator

DATE: July 31, 2017
AT (OFFICE): Bureau of Turnpikes

SUBJECT: TURNPIKE SYSTEM PRIORITY CAPITAL PROGRAM

TO:

Victoria Sheehan, Commissioner Christopher M. Waszczuk, Deputy Commissioner Dave Rodrigue, Director-Operations Bill Oldenburg, Asst. Director-Project Dev. John W. Corcoran, Jr., Admin-Turnpikes William Lambert, Admin.-Bureau of Traffic Keith A. Cota, Chief Project Manager Donald A. Lyford, Project Manager Susan Klasen, Administrator TSMO Ron Grandmaison, Bureau of Highway Design	William A. Cass, Assistant Commissioner Peter Stamnas, Director Proj. Development Marie Mullen, Director-Finance Michael Servetas, Asst. Director Operations William H. Boynton, Information Officer Bob Landry, Administrator-Bridge Design Wendy Johnson, Project Manager Margaret Blacker, Bureau of Turnpikes Leonard Russell, Bureau of Budget & Finance Michael Dugas, Bureau of Highway Design
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MEMORANDUM

Attached is the monthly status report for the Turnpike System Priority Capital Program. The report includes the capital improvement projects that are identified as priorities to address red-list bridges, improve safety and reduce congestion on the Turnpike System. The projects are authorized by Ten Year Plan's starting with 2008-2017 to the present, as well as legislative bills over the same timeframe. The report includes the status, schedules and financial information for these projects based on information collected from the Project Managers or Project Leads. The capital projects are as follows:

Active Projects

▪ Newington-Dover 11238 (LBB NB, Exit 6, GSB & Maint Facility)	\$131.2M (KAC)
▪ Dover-Rochester 29440 (Toll Plaza Improvements)	\$ 39.1M (DSS)
▪ Hampton Falls-Hampton 13408B (Taylor River Bridge Replacement)	\$ 17.6M (WJ)
▪ Bedford-Merrimack 16100 (Plaza Conversion to Open Roll Tolling)	\$ 16.3M (DSS)
▪ Bow-Concord 13742 (I-93 Widening I-89 Interchange to Exit 14)	\$ 36.6M (DAL)
▪ Manchester 16099 (Exit 6 & 7 Interchange Improvements)	\$ 81.4M (KAC)
▪ Nashua-Concord 29408 (ITS Deployment along the FEET)	\$ 4.7M (SK)
▪ Nashua-Bedford 13761 (FEET Widening at 3 Locations)	<u>\$144.7M (WAJ)</u>
Total-	\$ 471.6M

Completed Projects

▪ Rochester 10620G thru M (Turnpike Expansion, Exits 11-16)	\$128.6M (LRL)
▪ Newington-Dover 11238 (PE & ROW)	\$ 30.4M (KAC)
▪ Newington-Dover 11238 (LBB SB & Newington Construction)	\$ 99.2M (KAC)
▪ Manchester 14966 (Exit 4 Interchange Bridges)	\$ 29.9M (KAC)
▪ Merrimack 12105 (Souhegan River Bridge Rehabilitation)	\$ 15.4M (LRL)
▪ Bow-Concord 13742 A,B&C (I-93 Bridges at I-89, Exit 12 and 14)	\$ 29.8M (DAL)
▪ Bedford 13527 (US 3 Bridge Replacement over FEET)	\$ 11.5M (VC)
▪ Hampton-North Hampton 15678A thru D (Conversion to ORT)	\$ 16.8M (CMW)
▪ Hooksett 15803 (Conversion to ORT)	\$ 22.0M (DSS)
▪ Seabrook 15769 (NH 107 Road and Bridge Improvements at Exit 1)	\$ 3.6M (DSS)
▪ Portsmouth 15760 (I-95 Soundwall adjacent to Atlantic Heights)	\$ 2.9M (LRL)
▪ Merrimack 29306 (Exit 12 Ramps Toll Plaza Removal)	<u>\$ 0.5M (DSS)</u>
Total-	\$390.6M

All projects, or portions thereof, noted above are funded within the existing toll revenue structure. In addition to the projects noted above, there is \$25.5M in "Ancillary Projects" funded under this Capital Program. For a complete listing of Ancillary Projects, see the expenditure summary within this report.

Notable Updates and Topics

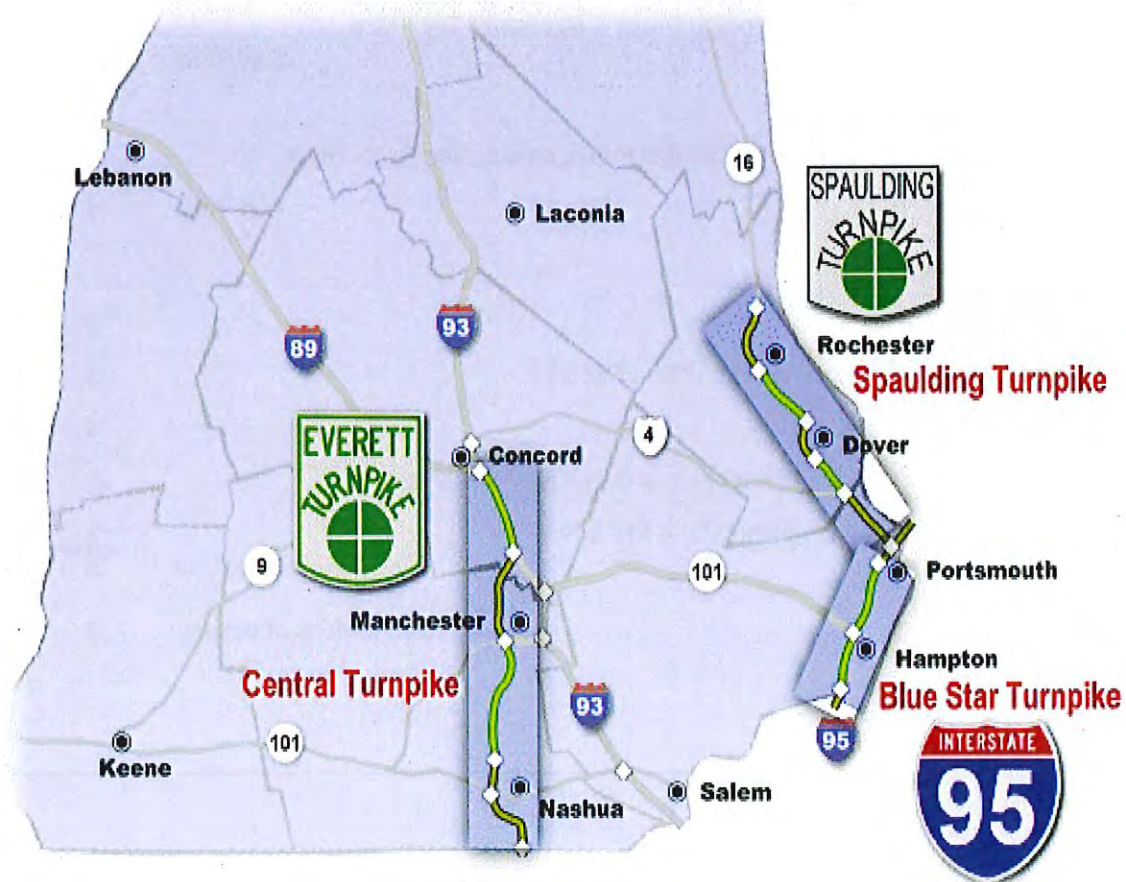
- Project cost adjustments to Dover-Rochester 29440 Dover and Rochester Toll Plaza Improvements, Manchester 16099 Exit 6 and 7 Interchange Improvements and Nashua-Bedford 13761 FEET Widening. These costs are reflective of the current TYP from 2017 to 2026 and approved adjustments since the approval of the TYP.
- Assessment of AET at the Bedford toll plaza is being developed with first draft of the report expected in mid-August. This study by HNTB will provide insight on feasibility of expansion or conversion as we move into development of the 2019-2028 TYP. **The Bedford 16100 ORT conversion project has been moved to November 2018 to allow more time to assess AET feasibility at this location.**
- Study for additional ORT lanes at the Hampton toll plaza is complete, an estimate of \$7.3M was developed as was a conceptual layout of improvements. A project was created, Hampton-Hampton Falls 41497, for potential inclusion into 2019-2028 TYP.
- Scope & fee negotiations with HNTB for the Dover-Rochester 29440 Conversion to Open Road Tolling (July 2020 ad date) *remain on hold*, pending further assessment of AET vs. ORT via the TYP process. Final study by HNTB was submitted on July 28.

Future Capital Projects for Consideration

- Redlist Bridges not Addressed in Current TYP
- Additional ORT Lane at Hampton Toll Plaza
- Additional Lane along Spaulding Tpk from Exit 6 to Exit 12
- Hooksett's Exit 11 Toll Plaza Conversion to AET (pilot) or Expanded Plaza (additional lane/booth) with Roundabout at Ramp/Hackett Hill Road/Park & Ride Intersection.
- Advancement of Rochester Exit 10 Study from FY 22 to FY 19
- Additional Lane on I-95 High Level Bridge over Piscataqua River (*States of ME and NH are currently evaluating concepts, costs and feasibility of added capacity*)
- Additional Lane along Tpk Portion of I-293 (NH101 Interchange to I-93 Merge)
- ATMS Full Build-out along Corridors (FEET, I-95 and Spaulding)
- Type II Soundwall/Noise Mitigation program (part of full DOT program implementation)

NEW HAMPSHIRE TURNPIKE SYSTEM PRIORITY CAPITAL PROGRAM 2008-2026

Status Report July 2017



NEW HAMPSHIRE TURNPIKE SYSTEM PRIORITY CAPITAL PROGRAM 2008 -2026

The following are active capital improvement projects within the 2017-2026 TYP considered priorities to address Redlist bridges, improve safety and reduce congestion.

SPAULDING TURNPIKE

Newington-Dover 11238-O LBB Rehabilitation	\$ 21.9
Newington-Dover 11238-Q Exit 6 Interchange Reconstruction	\$ 70.6
Newington-Dover 11238-S General Sullivan Bridge Rehabilitation	\$ 31.7
Newington-Dover 11238-U Maintenance Facility Construction	\$ 7.0
Dover-Rochester 29440 Improvements at Dover & Rochester Toll Plaza	\$ 39.1
Sub-Total	<u>\$ 170.3</u>

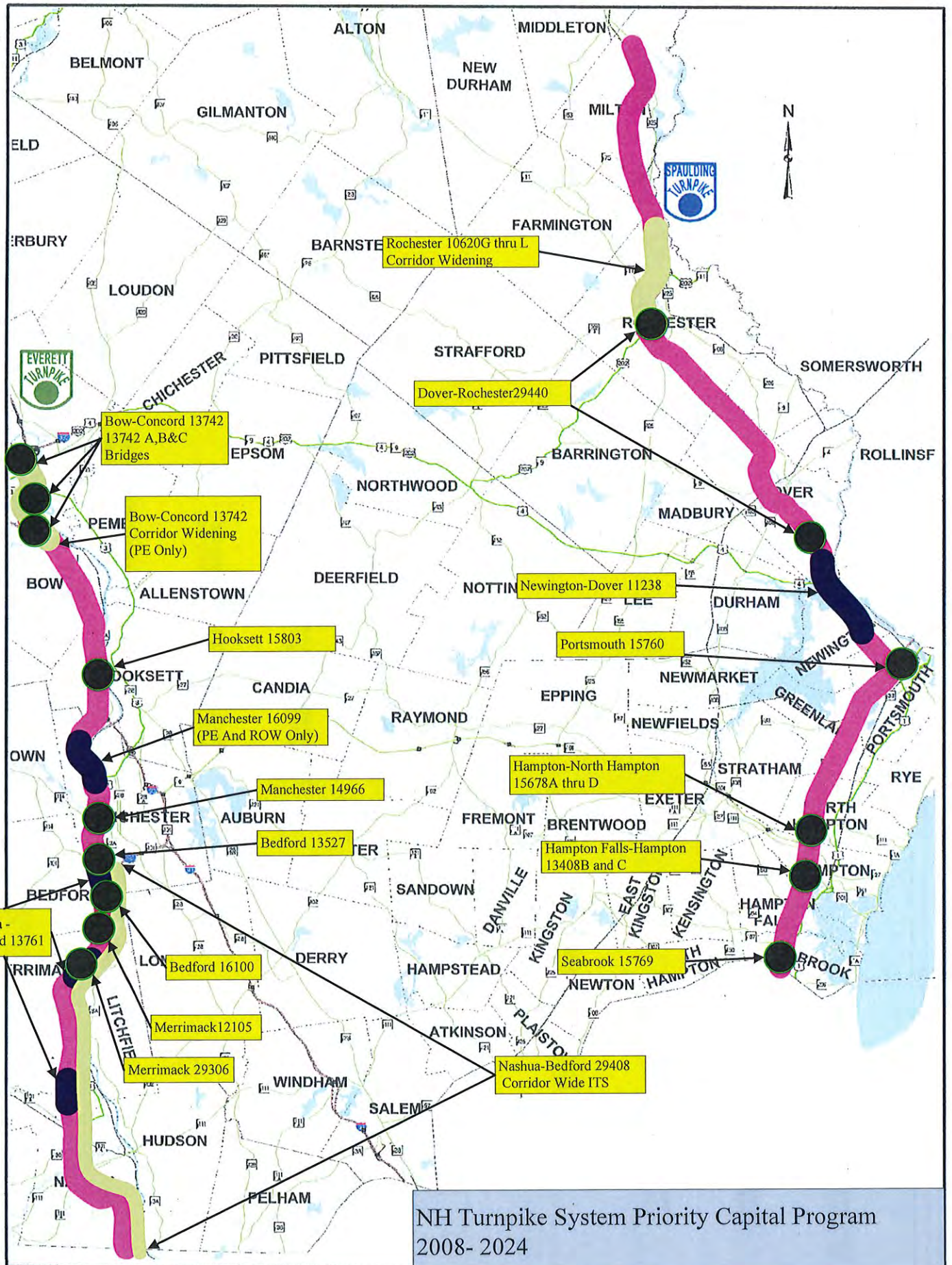
BLUE STAR TURNPIKE

Hampton Falls-Hampton 13408 B I-95 Bridge Replacement over Taylor River	\$ 17.6
Sub-Total	<u>\$ 17.6</u>

F.E. EVERETT TURNPIKE

Bedford-Merrimack 16100	\$ 16.3
Bow-Concord 13742 I-93 widening from I-89 to Exit 14	\$ 36.6
Manchester 16099 Exit 6 and Exit 7	\$ 81.4
Nashua-Bedford 29408 ITS Deployment along the Central Turnpike	\$ 4.7
Nashua-Bedford 13761 FEET widening from Exit 8 to I-293	\$ 144.7
Sub-Total	<u>\$ 283.7</u>

Total (millions of dollars)	\$ 471.6
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NH Turnpike System Priority Capital Program
2008- 2024

**TURNPIKE SYSTEM PRIORITY CAPITAL PROGRAM
CONSTRUCTION SCHEDULES**

ID	Task Name	Year																																		
		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028														
1	NEWINGTON-DOVER 11238 Spaulding Turnpike Expansion	5/10																																		
		Est. Construction - \$230.4M (Total \$263.7M)																																		
2	Manchester 14966 Exit 4 along I-293 Milliyard Bridges						7/23																													
							Est. Construction - \$26.7 M (Total \$30.4 M)																													
3	HAMPTON FALLS-HAMPTON 13408-B I-95 Bridge Replacement									1/27																										
							Est. Construction - \$12.5M (Total \$15.1M)																													
4	Nashua-Concord 29408 ITS Deployment along FEET										3/22																									
							Est. Construction \$4.5M (Total \$4.7M)																													
5	Bedford-Merrimack 16100 Toll Plaza Improvements on FEET											11/7																								
							Est. Construction - \$15.0M (Total \$16.3M)																													
6	Dover-Rochester 29440 Toll Plaza Improvements												7/1																							
							Est. Construction - \$37.4M (Total \$39.1M)																													
7	Nashua-Bedford 13761 FEET Widening (3 Locations)																					7/6														
													Est. Construction - \$127.9M (Total \$144.7M)																							
8	Manchester 16099 Reconstruction of Exits 6 and 7 along I-293																						7/4													
							Est. Construction - \$61.0M (Total \$ 81.4M)																													
9	Bow-Concord 13742 I-93 Widening from I-89 Interchange to limit of FEET at Exit 14																						2/28													
							Est. Construction - \$20.0M (Total \$36.6M)																													
10	HAMPTON FALLS-HAMPTON 13408-C Taylor River Dam Repairs																						6/10													
							Est. Construction - \$2.0M (Total \$2.5M)																													

Project: Date:

Task: Milestone:

Roll Up:

Roll Up Progress:

External Tasks:

Group By:

Page 1

Project Name: Newington-Dover
State Number: 11238
Project Description: Spaulding Turnpike Expansion / Little Bay Bridges Widening (3.5 miles from Exit 1 (Gosling Road) Interchange in Newington to Toll Plaza in Dover)

Estimate: \$263.7M
(\$230.4M Construction)

% Design Complete: 93%
% Construction Complete:
11238L: 100%
11238M: 100%
11238O: 81%
11238Q: 24%

Project Schedule / Milestones

9/21/2006 Joint Public Hearing
8/22/2007 Layout Approval
12/18/2008 Governor & Council Approval - Final Design Contract
5/11/2010 Adv 11238L LBB Contract
5/29/2012 Adv 11238M Exit 3 & 4 Interchanges & Newington Mainline Turnpike Contract
4/23/2013 Advertising of Rochester 20254 200-space Park and Ride at Exit 13 on Spaulding Tpk
11/15/2013 Completion of Newington-Dover 11238L-\$52.4M
7/10/2013 Completion of Rochester 20254
9/23/2014 Adv 11238O LBB Rehabilitation & Bridge Approach Contract - \$21.9M
5/20/2016 Completion of 11238M \$46.7M
5/24/2016 Adv 11238Q Exit 6 Interchange & Dover Mainline Turnpike Contract - \$70.6M
9/15/2017 Completion of 11238O
7/9/2019 Adv 11238U Turnpike Maintenance Shed Construction Contract - \$6.0M
7/16/2019 Adv 11238S GSB Rehabilitation - \$31.7M
10/2/2020 Completion of 11238Q
10/2/2020 Completion of 11238U
6/12/2022 Completion of 11238S

Project Activity

- Approval to initiate the design process for a new Bureau of Turnpikes maintenance facility in Newington was provided by Dave Rodrigue in April 2017. Guidance was to develop and progress the design to include Bridge Maintenance and accommodate the Mechanical Services facilities. Discussion on the funding for the Mechanical Services portion will continue as the design progresses.
- Construction activities for all aspects of the Exit 6 interchange reconstruction project are ongoing. Construction Start Letter for this project issued to Severino Construction on September 19, 2016. Bids were received for the Exit 6 interchange improvements on 6/23/16; bid cost for this project was 16.6% higher than Engineers Estimate at \$67.1 M (\$70.6 M with CE, inspection, etc.). Justification of the bid variance was attributed to significance of traffic control/phasing, geotechnical issues and risk to contractor for lengthy project, availability of and increasing cost of materials. Executive Office concurred in supporting the bid and approved project.
- R.S. Audley continues with rehabilitation of the existing Little Bay bridge, work on completion of new deck is ongoing. Construction bids for the 11238-O contract, rehabilitation of the existing Little Bay bridge, were received on October 23. R.S. Audley was the low bidder at \$20,444,479.01, \$7,741,325.29 below the engineers estimate.
- G&C approval granted on August 26 and NTP provided on August 26, 2015 for the GSB scope and fee for Part B involving detailed bridge inspection, preliminary design, public involvement process and associated environmental & cultural services for the existing bridge.
- Park & Ride is complete and open to traffic. Final inspection was held on July 10, 2014 at the 200-space Park and Ride off Exit 13 in Rochester (project #20254). This project advertised April 23, 2013 using CMAQ program funds with 20% Turnpike match. Bids came in on May 23, with A. J. Coleman, Inc as the low bidder at \$1,349,572.60 (11.8% lower than estimate).
- Final inspection for the New-Dover 11238-L contract was held on November 13, 2013. Construction operations have been completed for this contract. The L-contract project advertised for bids on May 11, 2010, bids opened on June 17th. The bids came in \$5.34M lower than the engineer's estimate, resulting in a revised total project cost of \$54.2M.
- NHDES Wetland permit received initially on June 17, 2009 and the extension is nearing the expiration date. Options are being reviewed as the permit needs to be in place for advertising of the 11238O and 11238Q contracts. The ACOE permit was received on 3/15/10. The USCG permit was received on April 20, 2010. Continued coordination between the BOE and DES regarding approvals for conditions imposed in the WQC are on-going.
- First phase Municipal Agreement with the City of Dover for the 11238L contract was signed by the City Manager and executed by the Department on June 9, 2010. Municipal Agreement with the Town of Newington for construction of the 11238M contract signed by Newington Board of Selectmen in August 2011. Second level Municipal Agreement for road transfer and sidewalk maintenance being developed for review by Town and Town Council.

Upcoming Events

- Design development for construction of maintenance shed in Newington will be initiated by the Bureau of Turnpikes. Goal is to have facility operational at conclusion of construction. The maintenance facility will be built under the Newington 11238U contract.
- Second phase Municipal Agreement with City of Dover ongoing.

Project Name: Hampton Falls - Hampton
State Number: 13408-B and C
Project Description: I-95 Bridge Replacement over Taylor River (B-Contract) and Dam Replacement or Removal (C-Contract)

Estimate: \$17.6 M
13408B (\$12.6 M Construction)
13408C (\$ 2.0 M Construction)
Current Phase: Construction
% Complete: 65%
Lead Person: Wendy Johnson

Project Schedule / Milestones

8/10/2006 Notice to Proceed - Preliminary Design Consultant
10/29/2007 Public Informational Meeting - Hampton Falls
4/9/2014 Public Informational Meeting - Hampton Falls (Decouple Dam from Bridge)
1/27/2015 Advertise 13408B Construction Contract - \$12.6 M (Construction)
4/16/2015 Pre-Construction Meeting
5/6/2015 Contract approved by G&C
5/18/2018 Construction Completion - 13408B
6/10/2025 Advertise 13408C Construction Contract
6/18/2027 Construction Completion - 13408C

Project Activity (13408B)

- Contractor nearing completion of the west side of the SB Bridge. Traffic shift anticipated to Late July 2017 to allow for the completion of the median sides of both bridges.
- Construction resumed April 3, 2017.
- Construction operations suspended on 12/23/16.
- Construction bids for the 13408B contract were received on March 5, 2015. R.S. Audley was the low bidder at \$11,798,426.89.
- IDF results show minimum spillway discharge for future dam design can be reduced from 7950 cfs to 3180 cfs.
- 9/26/14 - Wetland Permit Submitted to DES
- 2/2014 - 13408C created in STYP-RMS - Dam project de-coupled from bridge project

Project Activity (13408C)

- January 2017 - Construction project shifted to 2025 to allow investigation of alternatives and associated cost increases.

Project Name: Bow-Concord
State Number: 13742
Project Description: I-93 Widening from I-89 to limit of FEET at Exit 14

Estimate: \$36.6M
(\$20M Construction)
% Part A Complete: 100%
% Part B Completion 50%
% Part C Completion 0%
Lead Person: Don Lyford

3/14/2002 Approval of Part A Design consultant
9/12/2002 Approval of Part A design fee
2/6/2003 Authorization to Proceed for Part A design
5/18/2006 Community Transpiration workshops in Pembroke, Bow & Concord
4/17/2007 Public Informational Meeting
4/10/2008 Final Summary/classification Report
6/8/2012 Approval of Part B Design consultant
3/24/2014 Turn back to Consultant of comments from Concept Submittal
9/12/2012 Submission of Part B design draft scope and fee
3/20/2013 Approval of Part B Design scope and fee
11/21/2013 Authorization to Proceed for Part B design
5/31/2017 Public Informational Meeting in Town of Bow
6/1/2017 Public Informational Meeting in City of Concord
1/2018 Anticipated Public Hearing

Project Activity

- Expanded funding was identified for PE, ROW and CON for this project and authorized under the 2017-2026 TYP. Initial CON funding is identified in FY 2025 and 2026 at the \$10.0M level each FY. All funding identified is within the existing Turnpike Bureau revenue structure and does not require a toll increase based on current schedules for the improvements.
- Status update provided to Executive Office on 12/14/15. MJ provided project history, schedule, reviewed layouts along corridor and current operational and infrastructure challenges were discussed.
- Development and evaluation of preliminary alternatives along corridor remains ongoing, as does refinement of traffic model and assessment of the current and future traffic conditions.

Upcoming Events

- Public Hearing targeted for early 2018.

Project Name: Manchester
State Number: 16099
Project Description: Reconstruction of F.E.Everett Turnpike
Exit 6 and Exit 7

Estimate: \$81.4M
(\$61.0M Construction)
% Part A Complete: 100%
% Part B Completion (NEPA/PH): 85%
% Part C Completion (Final Design/ROW/CON): 0%

Lead Person: Keith Cola

Project Schedule / Milestones

12/26/2010 Approval of Part A Design consultant
7/8/2012 Public Informational Meeting (Manchester Community College)
12/12/2012 Town Meeting Merrimack (Town Council Meeting)
9/18/2012 Public Informational Meeting (Manchester Community College)
12/12/2012 Public Informational Meeting (City Hall Manchester)
7/11/2013 Public Informational Meeting (Manchester Community College)
12/11/2013 Public Informational Meeting (City Hall Manchester)
7/31/2014 Submission of Part B design draft scope and fee
10/15/2015 Approval of Part B Design scope & fee and NTP
8/10/2016 Public Informational Meeting
12/15/2016 Public Informational Meeting
6/7/2017 Combined Public Officials and Informational Meeting
1/2018 Anticipated Public Hearing
6/30/2018 Complete Procurement of Final Design Consultant and Issue NTP
7/1/2023 Target advertising of first construction contract

Project Activity

- A contract extension of one year has been approved for the Part B agreement for this project. The team is progressing on identification of the preferred alternatives at both the Exit 6 and 7 interchanges.
- All PE and ROW for these contracts are now authorized under the 2017-2026 TYP at \$10.4M. Initial CON funding is also authorized under the 2017-2026 TYP for the Exit 6 (\$96.2M) and Exit 7 (\$55.8M) interchanges in FY 2024 and 2026, respectively. All funding identified is within the existing Turnpike Bureau revenue structure and does not require a toll increase based on current schedules for the improvements.
- Technical Advisory Committee meetings are ongoing in support of project as well as coordination with FHWA and municipalities.
- G&C approved scope/fee in October 2015. Kick off meeting held for Part B project development efforts on 10/27/15. VHB has initiated efforts to support the NEPA document development and public participation process.
- Public informational meetings to identify solutions to mobility and safety challenges at the Exit 6 and 7 interchanges through 2015 and 2016.

Upcoming Events

- Continued development of NEPA documents and final selection of recommended layout with TAC, as well as public outreach. Progress towards public hearing.

Project Name: Manchester
State Number: 14966
Project Description: Exit 4 Bridge Replacement (5 Redlist Bridges)

Estimate: \$30.4M
(\$26.7M Construction)
Current Phase: Design
% Design Complete: 100%
% Const. Complete: 100%
Lead Person: Keith Cola

Project Schedule / Milestones

10/18/2007 Consultant Selection Started
4/24/2008 Department Fee is Established For Consultant Services
4/29/2008 Consultant Scope & Fee Proposal Received
3/4/2009 Notice to Proceed - Preliminary Design Consultant
11/24/2009 Mayor & Alderman Meeting
1/28/2010 Public Informational Meeting
3/16/2011 Notice to Proceed - Final Design Consultant
9/29/2011 Public Hearing
11/14/2012 Special Committee Approval
7/23/2013 Advertised Construction Contract
11/18/2016 Construction Completion

Project Activity

- All phases of roadway expansion project are complete and open to traffic.
- Project advertised for construction on July 23, 2013. Bids received on August 15, 2013 with Severino Construction as the low-bidder and a construction cost at \$28.6 million, \$4.6 million lower than the engineers estimate. G&C approval received on Sept. 18, 2013. Pre-Con meeting held on October 18, 2013. Project completed on 11/18/16.

Project Name:	Bedford	Estimate:	16.3M
State Number:	16100		(\$15.0M Construction)
Project Description:	Improvement to Bedford Mainline Toll Plaza		

% Design Complete:	95%
% Const. Complete:	0%
Lead Person:	Dave Smith

Project Schedule / Milestones

1/31/2014	AET Feasibility Study initiated by HNTB
8/26/2014	Submission of AET Study for Tpk review
10/13/2014	AET study results presented to Front Office
1/8/2015	Start procurement for engineering consultant
4/21/2016	Start Design for ORT improvements
11/7/2017	Advertising of ORT contract
04/01/18	Start of Construction for ORT Improvements
11/15/19	Overall Construction Completion

Project Activity

- Design efforts progressed to PSE stage, however project has been delayed to November 11, 2017 to allow more time to assess pending AET legislation.
- Consultants notified in mid-September 2015 of selection; HNTB selected consultant. HNTB and DOT fees opened October 22 at Consultant Committee meeting, fee negotiations and technical review of contract completed December 30. Bureau of Traffic is developing conceptual sign plans to facilitate geotech and overall design needs.
- Technical proposals from shortlisted groups were submitted June 30th for review and recommendation by Consultant Selection Committee on July 9th.
- This contract was authorized and funded under the 2015-2024 TYP within the existing Turnpike Bureau revenue
- The project will remove 6 median cash lanes (5 booths), construct 4 ORT lanes, add a new cash lane on the easterly side of the plaza and rehabilitate the existing toll plaza building.

Project Name:	Dover-Rochester	Estimate:	\$26.5 M
State Number:	29440		(\$24.8 M Construction)
Project Description:	Improvements at Dover and Rochester Toll Plazas		

% Design Complete:	1%
Lead Person:	Dave Smith

Project Schedule / Milestones

1/31/2014	AET Feasibility Study initiated by HNTB
8/26/2014	Submission of AET Study
10/13/2014	AET study results presented to Front Office
6/1/2016	Start procurement of engineering consultant for ORT improvements
On-hold	Complete scope and fee development for ORT improvements
On-hold	Start Design for ORT improvements
7/1/2020	Advertising of ORT contract
10/02/20	Start of Construction for ORT Improvements
06/30/22	Overall Construction Completion

Project Activity

- Scope and fee development put on hold pending update of the AET vs. ORT feasibility study to provide insight on and confirmation of direction of project improvements.
- RFP's from Shortlisted firms received October 3, 2016 and reviewed by Consultant Committee on October 13, 2016. Selection completed on October 13 by Committee and concurrence from Front Office provided October 31. Selection/non-selection notifications sent week of October 31. HNTB was selected firm.
- Workshop meeting with the City of Dover on March 2, 2016 to provide insight on project status and scope of improvements.
- Public informational meeting with the City of Dover held on August 25, 2015 providing insight on Newington-Dover project status, future conversion to ORT at Dover toll plaza project shared with public as well.
- Turnpikes and Highway Design evaluating locations, impacts and operational aspects for ORT conversion at the Dover plaza.
- Additional effort on feasibility study completed assessing rehab of toll plazas vs ORT and presented to Front Office 1/7/15. Decision to construct ORT at Dover and Rochester plazas supported by study and Front Office.
- This project was authorized and funded under the 2015-2024 TYP within the existing Turnpike Bureau revenue structure.

Upcoming Events

- All efforts on hold pending review of AET vs. ORT feasibility report update.

Project Name:	Nashua-Manchester	Estimate:	\$74.2 M
State Number:	13761		(\$59.2 M Construction)
Project Description:	F.E. Everett Turnpike Widening from Exit 8 in Nashua to Exit 4 in Manchester		Design and Construction
		% Part A Complete:	68%
		% Part B Complete:	0%
		Lead Person:	Wendy Johnson

Project Schedule / Milestones

9/5/2014 Approval of Part A Design Consultant
5/14/2015 Consultant Committee Mtg to set State fee
9/16/2015 Scope & Fee Negotiations Complete and Contract to DOT Business Office
5/9/2016 Project Kick Off Meeting (Preliminary Design)
11/17/2016 Town Meeting Merrimack (Town Council Meeting)
5/9/2016 Project Kick Off Meeting (Preliminary Design)
11/17/2016 Town Meeting in Merrimack
12/14/2016 Town Meeting in Bedford
1/2018 Target Date - Public Hearing
2/2018 Target Date - NEPA documentation complete
2/2018 Target Date for FONSI
2/2018 Target Date - Solicit for Part B Final Design Contract
3/31/2019 CHA/MJ Completion Date on Part A
7/2021 Target Date - Advertising for initial Construction Contract

Project Activity

- Will continue development of overall project documentation and plans towards goal of early 2018 public hearing.
- 06/26/17 - Met with the Executive Office to discuss cost and scope implications. The outcome is the removal of the Northern Extension (previously approved on 02/13/17). Further discussions on project timing and overall cost are still required.
- 02/15/17 - Met with the Natural Resource Agencies to discuss alternatives, Baboosic Brook Bridge and Pennichuck Brook Bridge.
- 02/13/17 - Met with the Executive Office for the selection and approval of Baboosic Brook Alternative (5b) and the northerly extension
- 10/17/16 - Received guidance from the Executive Office that the re-use of the Prowse Bridge on this project is imprudent and cost-prohibitive and should be removed from continued evaluation.
- 06/21/16 - Project design has been initiated, data collection and survey ongoing.
- 05/09/16 - Project Kick off meeting for Preliminary Design
- 03/10/16 - NTP issued to CHA to begin work.
- 03/09/16 - Scope and Fee negotiations complete between DOT and CHA; Technical review of fee is complete, received G&C approval.
- 10/09/15 - CHA submits the CADD files and aerial photogrammetry from Exit 8 in Nashua to I-293 in Manchester.
- 05/14/15 - Consultant committee meeting to compare IGE and consultant fees.
- 11/13/14 - CHA/MJ submitted a draft Scope of Work to the Department for review and comment.
- The Department developed the F.E. Everett Turnpike Widening Feasibility Report and presented the findings to the Towns of Bedford, Merrimack and Manchester in November 2010.
- This contract was authorized and funded under the 2015-2024 TYP within the existing Turnpike Bureau revenue structure.

Project Name:	Nashua-Concord	Estimate:	\$4.7 M
State Number:	29408		(\$4.5 M Construction)
Project Description:	Deployment of Intelligent Transpiration Systems along the F. E. Everett Turnpike (FEET)	% Design Complete:	100%
		% Const. Complete:	10%
		Lead Person:	Susan Klasen

Project Schedule / Milestone:Project Schedule / Milestones

8/7/14 Approval of scope and fee; Notice to Proceed provided to VHB
9/23/14 Kickoff Meeting with Consultant, TSMO and Turnpikes
5/1/2015 Submission of Final Concept Plan
3/2/2016 RFP Advertising Date (not as part of the DOT ad schedule)
3/14/2016 Mandatory Pre-Bid Conference for Contractors/Consultants
4/22/2016 RFP Submissions Due
5/13/2016 RFP Reviews Completed
6/8/2016 Oral Presentations Completed
7/12/2016 RFP Selection
3/22/2017 G&C Approval for Tilson ATMS Vendor
12/31/2018 Completion Date

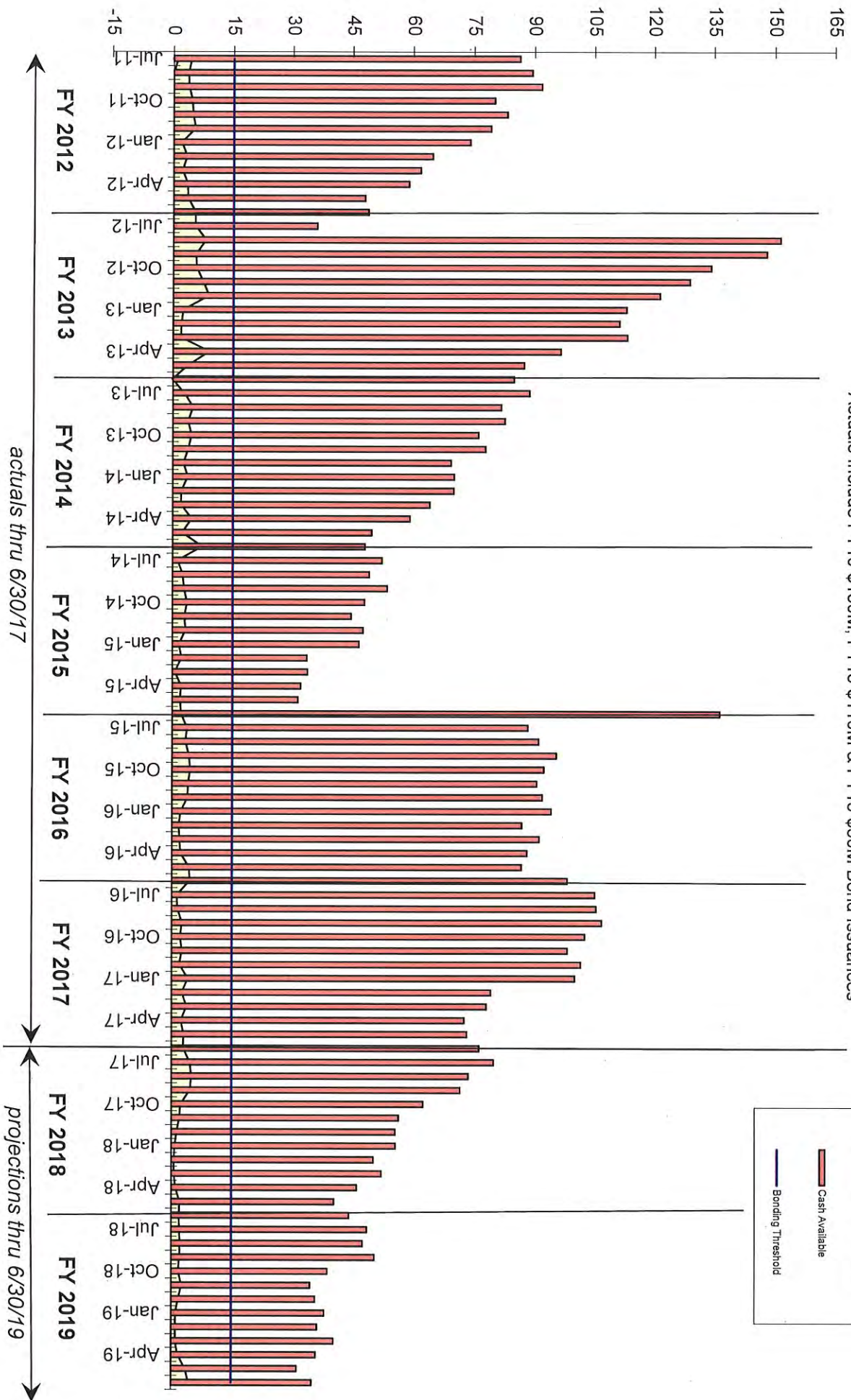
Project Activity

- Preliminary design ongoing with submittal due July 14 from Tilson. Expect foundations installed this summer/fall.
- Coordination ongoing between TSMO and Tilson. Support for field deployment has begun with initial infrastructure deployment targeted in early summer 2017.
- Three vendor proposals were submitted (Tilson Technology, Green Mountain and McCourt Construction) and reviewed by the Selection and Technical committees.
- Held Mandatory Vendor Conference on March 14, 2016
- Front Office presentation on 2/29/16.
- DoIT review comments received 2/24/16.
- Department and VHB coordination continues on RFP document preparation and review of ITS layout/selection.
- Draft submittal of Communication plan received 2/6/15
- Review meeting held 1/13/15- submittal of Communication plan set for 2/6/15
- Concept draft plan complete and submitted on 12/23/14. Review meeting setup for 1/13/15.
- VHB has initiated efforts for the design of the ITS deployment along the FEET corridor and a kickoff meeting was held 9/23/14.
- This contract was authorized and funded under the 2015-2024 TYP within the existing Turnpike Bureau revenue structure.

State of New Hampshire - Department of Transportation

Turnpike Capital Expenditures and Available Cash Balances

Actuals Include FY10 \$150M, FY13 \$110M & FY15 \$50M Bond Issuances



Note: Turnpike revenues, operating expenses, and debt service are not shown for clarity purposes.

TURNPIKE SYSTEM PRIORITY CAPITAL PROGRAM

Capital Program Projects Approved Under 2008 - 2017 TYP

Project	Actual Expenditures										Capital Program Projects Approved Under 2008 - 2017 TYP										Anticipated Expenditures									
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Total								
Rocheater 102926 thru N	\$ 638	\$ 17,30	\$ 5328	\$ 3202	\$ 7624	\$ 3092	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Hemphill 12000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Hemphill 13408 and C	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Boon 13742A thru C	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Boon 1486	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Bedford 1327	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Newington-Dover 11230 L M O	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Sub-Total	\$ 767	\$ 26,08	\$ 5172	\$ 4581	\$ 4316	\$ 22,48	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0								
Total	\$ 10,95	\$ 26,11	\$ 65,42	\$ 52,75	\$ 48,80	\$ 70,17	\$ 49,73	\$ 31,80	\$ 42,24	\$ 32,17	\$ 39,89	\$ 34,45	\$ 44,02	\$ 44,27	\$ 31,54	\$ 50,52	\$ 63,95	\$ 62,23	\$ 57,20	\$ 59,21	\$ 89,43									

Project	Actual Expenditures										Capital Program Projects Approved Under 2008 - 2017 TYP										Anticipated Expenditures									
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Total								
Bedford 15803	\$ -	\$ -	\$ 0,10	\$ 1,20	\$ 1,98	\$ 15,71	\$ 2,80	\$ 0,20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
Hemphill-North Hemphill 15878	\$ -	\$ -	\$ 0,16	\$ 4,27	\$ 0,22	\$ 0,17	\$ 0,32	\$ 0,01	\$ 0,01	\$ 0,12	\$ 0,88	\$ 0,30	\$ 2,83	\$ 4,07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
Permiouth 15760	\$ -	\$ -	\$ 0,00	\$ 0,14	\$ 0,88	\$ 2,03	\$ 0,10	\$ -	\$ 0,00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
Seabrook 15769	\$ -	\$ -	\$ 0,16	\$ 11,83	\$ 5,85	\$ 20,18	\$ 4,22	\$ 0,30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								
Sub-Total	\$ -	\$ -	\$ 0,42	\$ 17,47	\$ 8,93	\$ 38,09	\$ 7,34	\$ 0,51	\$ 0,01	\$ 0,24	\$ 1,76	\$ 3,13	\$ 6,16	\$ 11,80	\$ 2,00	\$ 5,40	\$ 12,40	\$ 24,00	\$ 20,70	\$ 13,50	\$ 14,40	\$ 14,40								
Total	\$ -	\$ -	\$ 0,42	\$ 17,47	\$ 8,93	\$ 38,09	\$ 7,34	\$ 0,51	\$ 0,01	\$ 0,24	\$ 1,76	\$ 3,13	\$ 6,16	\$ 11,80	\$ 2,00	\$ 5,40	\$ 12,40	\$ 24,00	\$ 20,70	\$ 13,50	\$ 14,40	\$ 14,40								

Project Number 11238 / * NHS-0271(037) *
Project Name / Road NEWINGTON - DOVER, NH 16 / US 4 / SPLDG TPK
Project Manager Keith Cota
PM Auth. Phases PE, ROW
Type Modified Project Agreement Estimate

Project Dates

Ad Information		Other Dates	
Ad Date	---	On Shelf	---
Post to Ad Schedule	No	Project Start	01/01/1997
Ad Date Explanation	---	Project End	06/29/2025
Last Approved Estimate		Days to Approve	
Dated	09/02/2016	Routees	0 days
Type	Modified Project Agreement Estimate	Project Finance	0 days
		FHWA	---

Project Details

Estimate Type	Modified Project Agreement Estimate	Mode	Highway/Bridge
Bureau Type	Highway Design	Work Zone	Not Specified
Relationship	Parent	Is Reg. Sig.	Yes
Parent	---	Project Status	Planned
Managed By	DOT		
Town(s)	Dover, Newington		
Team List	Charles Blackman; Jarrett Roseboom; Peter Salo; Wendy Johnson		
Accounting Units	3025:HIGHWAY DESIGN BUREAU; 3054:CONSOLIDATED FEDERAL; 7514:SPAULDING TPK - US4 - NH16		
Work Series	100,300		
Bridges	006502000002300 Dover - 200/023, 006502010002400 Dover - 201/024, 006502010002500 Dover - 201/025, 018501030012400 Newington - 103/124		
Alternate References	NH036,None Provided		
Advertises With	---		
Investment	Modification 40%; Expansion 60%;		

Project Description

NH 16 WIDEN TURNPIKE INCLUDING LITTLE BAY BRIDGES FROM GOSLING ROAD TO DOVER TOLL.

Project Scope

NH 16 / US 4 / SPLDG TPK, WIDEN TURNPIKE INCLUDING LITTLE BAY BRIDGES FROM GOSLING ROAD TO DOVER TOLL

Estimate Description

*** This Estimate was updated for the TYP and Inflation ***PE: Increase funds by \$661,500

ROW: No Change

CONST: Reduce Construction funds by \$378,000

This estimate increases PE by \$661,500 (from \$24,092,293 to \$24,153,793) by moving \$378,000 of SFY 2016 Construction funds to PE and increasing PE by 75% of \$378,00 (\$283,500) to help offset the project PE deficit.

The overall Grand Total increases by \$283,500 (from \$33,298,293 to \$33,581,793) from the previously approved estimate.

Additional PE is less than 75% of current PE; no STYP action is required.

Funding Instructions

PE

- Haz Mat for "M" proj to ATC was auth by agree #40006666 for Tech Assist by #A1054 (\$1,553.64), #A1056 (\$6,619.03), #A1066 (\$23,833.69), & for UST Assist by #A1078 (\$30,086.68), #4003933 #A1302 (\$2,992.85), #A1303 (\$24,689.82)
- Sed. Manag Plan for "M" Auth in the amount of \$3,709.16 to ATC
- Seacoast Commuter Options software Authorized in the amount of \$70,000 to Trapeze Software Inc. (Vendor #210634 R001)
- DCS for \$19,125
- \$1,860,046 for M&N gas work PE is under DOT
- \$9,130 for Northern Test Boring, Inc.
- PE for VHB for General Sullivan Bridge \$600,000
- Prop. Woodbury Ave Br. #114/107 replaces Br. #112/107, shown in the Roadway PE total
- Shattuck Way Br. widening Br. #103/124
- Prop. SB NH 16 Br. # 201/024 replaces Br. #201/025
- Rehab NB NH 16 Br. #201/025 replaces Br. #201/024
- Rehab Gen. Sul. Br. #200/023
- Prop. US 4 Br. #182/036 replaces Br. #181/039
- \$8,855.20 for Mcfarland and Johnson for Northern Long-Eared Bat survey

Const of \$468,000 as:

- Lee P'n'R \$68,000
- TDM \$160,000 Initial
- TDM \$80,000 * 3 years = \$240,000

Minor STIP ammendment approved on 09/08/15.

PROJECT ESTIMATE

Estimate Dated:05/17/2017

Project Total				
PE	Proposed Amount	Existing Amount	Change	Indirect Dollars
TPK *				
1997	\$300,000.00	\$300,000.00	\$0.00	\$0.00
1999	\$500,000.00	\$500,000.00	\$0.00	\$0.00
2003	\$500,000.00	\$500,000.00	\$0.00	\$0.00
2005	\$900,000.00	\$900,000.00	\$0.00	\$0.00
2006	\$800,000.00	\$800,000.00	\$0.00	\$0.00
2007	\$600,000.00	\$600,000.00	\$0.00	\$0.00
2009	\$3,400,000.00	\$3,400,000.00	\$0.00	\$0.00
2010	\$3,400,000.00	\$3,400,000.00	\$0.00	\$0.00
2011	\$3,400,000.00	\$3,400,000.00	\$0.00	\$0.00
2012	\$5,582,732.76	\$5,582,732.76	\$0.00	\$0.00
2013	\$2,976,267.24	\$2,976,267.24	\$0.00	\$0.00
2014	\$1,000,000.00	\$1,000,000.00	\$0.00	\$0.00
2015	\$733,293.00	\$733,293.00	\$0.00	\$0.00
2016	\$661,500.00	\$661,500.00	\$0.00	\$0.00
Subtotal	\$24,753,793.00	\$24,753,793.00	\$0.00	\$0.00
ROW	Proposed Amount	Existing Amount	Change	Indirect Dollars
TPK *				
1997	\$30,000.00	\$30,000.00	\$0.00	\$0.00
2001	\$10,000.00	\$10,000.00	\$0.00	\$0.00
2006	\$40,000.00	\$40,000.00	\$0.00	\$0.00
2009	\$100,000.00	\$100,000.00	\$0.00	\$0.00
2010	\$3,500,000.00	\$3,500,000.00	\$0.00	\$0.00
2011	\$3,600,000.00	\$3,600,000.00	\$0.00	\$0.00
2013	\$250,000.00	\$250,000.00	\$0.00	\$0.00
2014	\$1,183,000.00	\$1,183,000.00	\$0.00	\$0.00
2015	\$25,000.00	\$25,000.00	\$0.00	\$0.00
Subtotal	\$8,738,000.00	\$8,738,000.00	\$0.00	\$0.00
Construction	Proposed Amount	Existing Amount	Change	Indirect Dollars
TPK *				
2016	\$10,000.00	\$10,000.00	\$0.00	\$0.00
2017	\$80,000.00	\$80,000.00	\$0.00	\$0.00
Subtotal	\$90,000.00	\$90,000.00	\$0.00	\$0.00
Grand Total:	\$33,581,793.00	\$33,581,793.00	\$0.00	\$0.00

Report Requested by: PMs and Project Finance.

Vendors				
ATC Associates Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; ATC Associates, Inc. (Sediment Management Plan) 11238M	PE	\$3,709.16	\$3,709.16	\$0.00
N/A; N/A; ATC Associates, Inc. (Hazardous Materials Service) 11238L	PE	\$13,164.80	\$13,164.80	\$0.00
N/A; N/A; ATC Associates, Inc. (Hazardous Materials Service Technical Assistance) 11238M	PE	\$59,689.03	\$59,689.03	\$0.00
N/A; N/A; ATC Associates (Marine Sediment Sampling & Testing)	PE	\$60,935.00	\$60,935.00	\$0.00
	Sub Total	\$137,497.99	\$137,497.99	\$0.00
Cardno ATC	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; ATC Associates, Inc. (Hazardous Materials Service UST Assistance) 11238M	PE	\$30,086.68	\$30,086.68	\$0.00
	Sub Total	\$30,086.68	\$30,086.68	\$0.00
City Of Dover	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Dover Community Services water/sewer	PE	\$19,125.00	\$19,125.00	\$0.00
N/A; N/A; City of Dover water and sewer final design	PE	\$133,293.00	\$133,293.00	\$0.00
	Sub Total	\$152,418.00	\$152,418.00	\$0.00
City Of Portsmouth	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; City of Portsmouth (Water)	PE	\$10,312.50	\$10,312.50	\$0.00
	Sub Total	\$10,312.50	\$10,312.50	\$0.00
Concord Aviation Services	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Concord Aviation Services	PE	\$200.00	\$200.00	\$0.00
	Sub Total	\$200.00	\$200.00	\$0.00
Fay Spofford & Thorndike Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Fay, Spofford, & Thorndike (Perm. Message Board Contract)	PE	\$26,828.07	\$26,828.07	\$0.00
N/A; N/A; Fay, Spofford, & Thorndike (Incident Management)	PE	\$64,768.07	\$64,768.07	\$0.00
	Sub Total	\$91,596.14	\$91,596.14	\$0.00

PROJECT ESTIMATE

Estimate Dated:05/17/2017

Greenman-Pedersen Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Greenman-Pedersen Inc. (Bridge Painting Consult. & Insp.)	PE	\$10,000.00	\$10,000.00	\$0.00
Sub Total		\$10,000.00	\$10,000.00	\$0.00
GZA Geoenvironmental Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; GZA GeoEnvironmental, Inc. (Rock Core testing)	PE	\$6,695.00	\$6,695.00	\$0.00
Sub Total		\$6,695.00	\$6,695.00	\$0.00
Kta-Tator Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; KTA -Tator, Inc. (Bridge Painting Consulting and Inspection) under Statewide 14936	PE	\$10,000.00	\$10,000.00	\$0.00
Sub Total		\$10,000.00	\$10,000.00	\$0.00
Mcfarland-Johnson Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; MJ (Northern Long-Eared Bat survey)	PE	\$8,855.20	\$8,855.20	\$0.00
Sub Total		\$8,855.20	\$8,855.20	\$0.00
Miovision Technologies Inc.	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Traffic data processing	PE	\$3,600.00	\$3,600.00	\$0.00
Sub Total		\$3,600.00	\$3,600.00	\$0.00
New Hampshire Boring Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; NH Borings, Inc. (Groundwater Monitoring Wells)	PE	\$13,215.00	\$13,215.00	\$0.00
N/A; N/A; NH Borings, Inc. (Geotechnical Investigations)	PE	\$71,070.00	\$71,070.00	\$0.00
Sub Total		\$84,285.00	\$84,285.00	\$0.00
NHDOT	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; PE for 11238S	PE	\$600,000.00	\$600,000.00	\$0.00
(M&N) Final Design; N/A; (M&N) Final Design	PE	\$2,188,046.00	\$2,188,046.00	\$0.00
(M&N) Preliminary Engineering; N/A; (M&N) Preliminary Engineering	PE	\$50,000.00	\$50,000.00	\$0.00
N/A; N/A; State of NH & Future Consultant (Final Design)	PE	\$459,239.37	\$459,239.37	\$0.00
N/A; N/A; State of NH (Final Design)	PE	\$1,984,085.81	\$1,984,085.81	\$0.00

123,435

PROJECT ESTIMATE

Estimate Dated:05/17/2017

N/A; N/A; State of NH (Prelim. Design)	PE	\$673,622.78	\$673,622.78	\$0.00
N/A; N/A; Acquisitions	ROW	\$25,000.00	\$25,000.00	\$0.00
N/A; N/A; Acquisitions	ROW	\$1,375,000.00	\$1,375,000.00	\$0.00
N/A; N/A; Acquisitions of Mitigation Commitments (Newington) (Hislop and Saba Properties)	ROW	\$3,600,000.00	\$3,600,000.00	\$0.00
N/A; N/A; Acquisitions (Tuttle, Day & Knight Property Preservations)	ROW	\$3,500,000.00	\$3,500,000.00	\$0.00
N/A; N/A; Incidentals	ROW	\$238,000.00	\$238,000.00	\$0.00
N/A; N/A; Travel Demand Management (TDM) 2017	Construction	\$80,000.00	\$80,000.00	\$0.00
N/A; N/A; Travel Demand Management (TDM) 2016	Construction	\$1,000.00	\$1,000.00	\$0.00
N/A; N/A; Travel Demand Management (TDM) 2014	Construction	\$1,000.00	\$1,000.00	\$0.00
N/A; N/A; Travel Demand Management (TDM) 2015	Construction	\$1,000.00	\$1,000.00	\$0.00
N/A; N/A; Travel Demand Management (TDM) 2013	Construction	\$1,000.00	\$1,000.00	\$0.00
N/A; N/A; Lee (Bus & Park'n'Ride Alternatives)	Construction	\$6,000.00	\$6,000.00	\$0.00
	Sub Total	\$14,782,993.96	\$14,782,993.96	\$0.00
Northern Test Boring Inc				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Northern Test Boring - borings for route 4	PE	\$9,130.00	\$9,130.00	\$0.00
	Sub Total	\$9,130.00	\$9,130.00	\$0.00
Preservation Co				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Preservation Company	PE	\$2,928.10	\$2,928.10	\$0.00
	Sub Total	\$2,928.10	\$2,928.10	\$0.00
Public Service Co Of Nh				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; PSNH (Transmission)	PE	\$56,900.00	\$56,900.00	\$0.00
	Sub Total	\$56,900.00	\$56,900.00	\$0.00
Rockingham Planning Commission				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Rockingham Planning Commission (Seacoast Model Update)	PE	\$90,000.00	\$90,000.00	\$0.00
	Sub Total	\$90,000.00	\$90,000.00	\$0.00
Springfield Terminal Railway				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Pan Am Meetings	PE	\$652.00	\$652.00	\$0.00

PROJECT ESTIMATE

Estimate Dated:05/17/2017

		Sub Total	\$652.00	\$652.00	\$0.00
TF Bernier Inc					
	Phase		Proposed Amount	Existing Amount	Change
N/A; N/A; T. F. Bernier, Inc. (Survey) 16350	PE		\$2,355.46	\$2,355.46	\$0.00
N/A; N/A; T. F. Bernier, Inc. (Survey) 15343	PE		\$33,556.24	\$33,556.24	\$0.00
	Sub Total		\$35,911.70	\$35,911.70	\$0.00
Trapeze Software Group Inc					
	Phase		Proposed Amount	Existing Amount	Change
N/A; N/A; 2 year Seacoast Commuter Options extension	PE		\$70,000.00	\$70,000.00	\$0.00
	Sub Total		\$70,000.00	\$70,000.00	\$0.00
Vanasse Hangen Brustlin Inc					
	Phase		Proposed Amount	Existing Amount	Change
N/A; N/A; Vanasse Hangen Brustlin (ITS/ Security Camera Assess.)	PE		\$4,960.53	\$4,960.53	\$0.00
N/A; N/A; Vanasse Hangen Brustlin (Final Design)	PE		\$15,070,194.12	\$15,070,194.12	\$0.00
N/A; N/A; Vanasse Hangen Brustlin (Prelim. Design)	PE		\$2,912,576.08	\$2,912,576.08	\$0.00
	Sub Total		\$17,987,730.73	\$17,987,730.73	\$0.00
	Grand Total		\$33,581,793.00	\$33,581,793.00	\$0.00

105,911

Report Requested by: PMs.

All dollars exclude indirect costs and represent values entered by PMs in the vendor table.

Improvement Type			
Phase			
Federal IT			
Bridge NBI #	State Improvement Type		Amount
PE			
(15) Preliminary Engineering			
N/A	(15) Preliminary Engineering		\$300,000.00
N/A	(15) Preliminary Engineering		\$900,000.00
N/A	(15) Preliminary Engineering		\$733,293.00
N/A	(15) Preliminary Engineering		\$800,000.00
N/A	(15) Preliminary Engineering		\$3,400,000.00
N/A	(15) Preliminary Engineering		\$500,000.00
N/A	(15) Preliminary Engineering		\$5,582,732.76
N/A	(15) Preliminary Engineering		\$3,400,000.00
N/A	(15) Preliminary Engineering		\$500,000.00
N/A	(15) Preliminary Engineering		\$3,400,000.00
N/A	(15) Preliminary Engineering		\$1,000,000.00
N/A	(15) Preliminary Engineering		\$600,000.00
N/A	(15) Preliminary Engineering		\$1,666,267.24
006502010002500	(15) Preliminary Engineering		\$232,000.00
018501030012400	(15) Preliminary Engineering		\$110,000.00
006502000002300	(15) Preliminary Engineering		\$475,000.00
006502010002400	(15) Preliminary Engineering		\$493,000.00
N/A	(15) Preliminary Engineering		\$661,500.00
		Fed. IT Subtotal:	\$24,753,793.00
		Phase Subtotal:	\$24,753,793.00
ROW			
(16) Right of Way			
N/A	(81) Right Of Way-Incidentals		\$238,000.00
N/A	(83) Right Of Way-Acquisitions		\$40,000.00
N/A	(83) Right Of Way-Acquisitions		\$10,000.00
N/A	(83) Right Of Way-Acquisitions		\$30,000.00
N/A	(83) Right Of Way-Acquisitions		\$250,000.00
N/A	(83) Right Of Way-Acquisitions		\$1,183,000.00
N/A	(83) Right Of Way-Acquisitions		\$25,000.00
N/A	(83) Right Of Way-Acquisitions		\$3,600,000.00
N/A	(83) Right Of Way-Acquisitions		\$100,000.00
N/A	(83) Right Of Way-Acquisitions		\$3,262,000.00
		Fed. IT Subtotal:	\$8,738,000.00
		Phase Subtotal:	\$8,738,000.00
Construction			
(03) Road-Reconstruction, Added Capacity			
N/A	(3) Road-Reconstruction, Added Capacity		\$10,000.00
N/A	(3) Road-Reconstruction, Added Capacity		\$80,000.00
		Fed. IT Subtotal:	\$90,000.00
		Phase Subtotal:	\$90,000.00

PROJECT ESTIMATE

Estimate Dated:05/17/2017

Grand Total:	\$33,581,793.00
Report Requested by: PMs and Project Finance.	
All dollars exclude indirect costs and represent values entered by project managers in the budget tab (programmed).	

Net Change Obl. Adv Const

Phase	Federal Improvement Type	Net Change Obligate	Net Change Adv. Constr.
Report Requested by: FHWA and Project Finance.			
Values include indirects. Net change of current estimate less last approved estimate.			

Funding Changes

Fiscal Year	Primary			Indirects		
	Change in Program	Change in Obligation	Change in Advance Construction	Change in Program	Change in Obligation	Change in Advance Construction
Grand Total:						
Report Requested by: Project Finance.						

Change Authorization

	Proposed Amount	Existing Amount	Change
PE			
Obligated Funds	\$24,753,793.00	\$24,753,793.00	\$0.00
	\$24,753,793.00	\$24,753,793.00	\$0.00
ROW			
Obligated Funds	\$8,738,000.00	\$8,738,000.00	\$0.00
	\$8,738,000.00	\$8,738,000.00	\$0.00
Grand Total:	\$33,491,793.00	\$33,491,793.00	\$0.00
Report Requested by Project Programming for FMIS Comparisons.			
All AC and Obligated funds including indirects along with TTC for both Obligated and AC.			

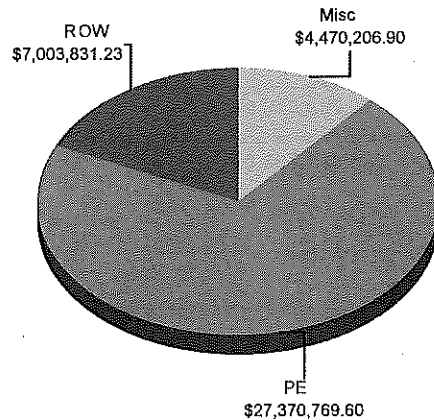
Fed. State Other Allocation						
State Improve. Type	Program Code	Federal with TTC	State	Turnpike Toll Credit	Local	Other
PE						
Preliminary Engineering	0100	\$0.00	\$300,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$900,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$733,293.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$800,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$3,400,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$500,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$5,582,732.76	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$3,400,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$500,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$3,400,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$1,000,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$600,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$1,666,267.24	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$232,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$110,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$475,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$493,000.00	0.00	0.00	\$0.00
Preliminary Engineering	0100	\$0.00	\$661,500.00	0.00	0.00	\$0.00
		\$0.00	\$24,753,793.00	0.00	0.00	\$0.00
ROW						
Right Of Way-Acquisitions	0100	\$0.00	\$40,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$10,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$30,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$250,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$1,183,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$25,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$3,600,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$100,000.00	0.00	0.00	\$0.00
Right Of Way-Acquisitions	0100	\$0.00	\$3,262,000.00	0.00	0.00	\$0.00
Right Of Way-Incidentals	0100	\$0.00	\$238,000.00	0.00	0.00	\$0.00
		\$0.00	\$8,738,000.00	0.00	0.00	\$0.00
Construction						
Road-Reconstruction, Added Capacity	0100	\$0.00	\$10,000.00	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$80,000.00	0.00	0.00	\$0.00

	\$0.00	\$90,000.00	0.00	0.00	\$0.00
Grand Total:	\$0.00	\$33,581,793.00	0.00	0.00	\$0.00

Report Requested by: Project Finance.

Values above as entered into ProMIS by Project Programming. All costs include indirects and are programmed dollars.

Expenditures by Phase (Data Warehouse)



Report Requested by: PMs.

Dollars by Entity

NH DOT	Phase	Programmed	Indirects	Total
	PE	\$24,753,793.00	\$0.00	\$24,753,793.00
	ROW	\$8,738,000.00	\$0.00	\$8,738,000.00
	Construction	\$90,000.00	\$0.00	\$90,000.00
		\$33,581,793.00	\$0.00	\$33,581,793.00
Grand Total:		\$33,581,793.00	\$0.00	\$33,581,793.00

Report used to summarize project costs for participating entities such as local governments.

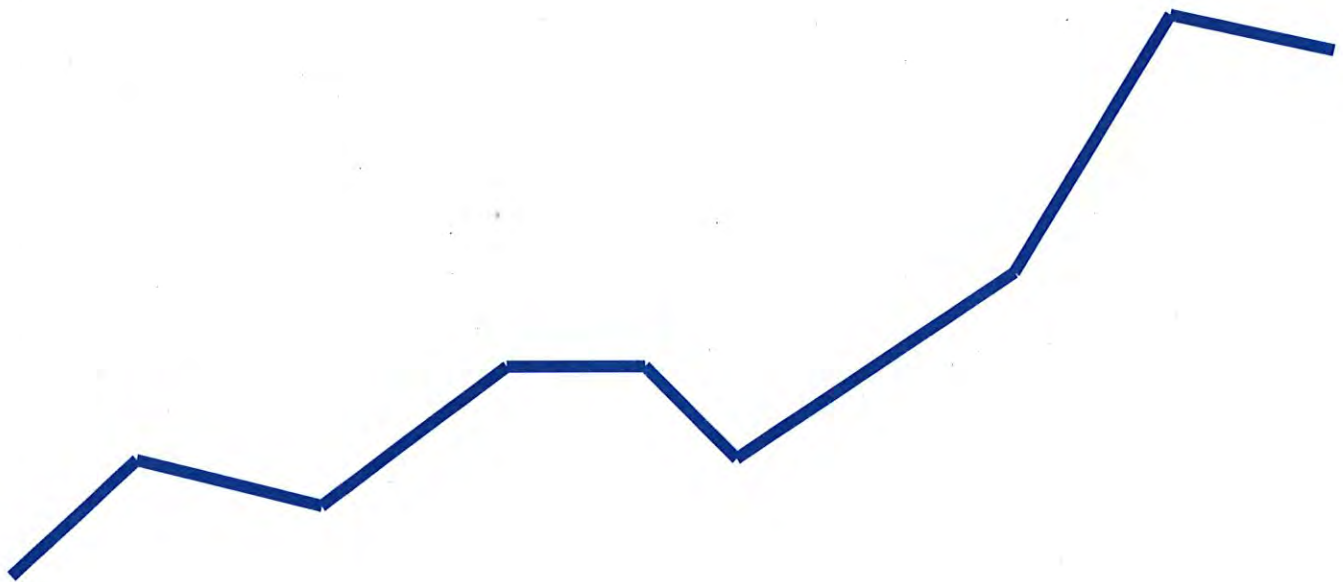
Program Code						
Federal IT State IT	Program Code	Total Cost*	AC Match	Adv. Construction	Federal Funds (Obl withTTC)	
Preliminary Engineering						
Preliminary Engineering	0100	\$24,753,793.00	\$0.00	\$0.00	\$0.00	
		\$24,753,793.00	\$0.00	\$0.00	\$0.00	
Right of Way						
Right Of Way-Acquisitions	0100	\$8,500,000.00	\$0.00	\$0.00	\$0.00	
Right Of Way-Incidentals	0100	\$238,000.00	\$0.00	\$0.00	\$0.00	
		\$8,738,000.00	\$0.00	\$0.00	\$0.00	
Grand Total		\$33,491,793.00	\$0.00	\$0.00	\$0.00	

Report used for FMIS verification.
 * Includes all AC and Obligate costs including all matches.

Approval					
<u>Initial Review</u>					
Bureau	Sent To	Signed By	Date	Comments	
Highway Design	Keith Cota	Carol Macuch	05/17/2017		
	Routed On 05/17/2017	By Carol Macuch			
	Completed On 05/17/2017				
<u>Project Finance</u>					
	Work Started On 05/17/2017	By Pamela Mack			
	Review Completed On 05/17/2017	By ---			
<u>FHWA</u>					
	Reviewed FHWA On ---	By ---			
	Recommended FHWA On ---	By ---			
	Authorized FHWA On ---	By ---			

Construction Cost Index

New Hampshire Department of Transportation

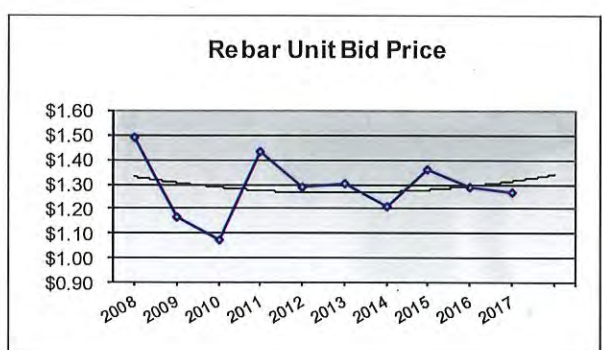
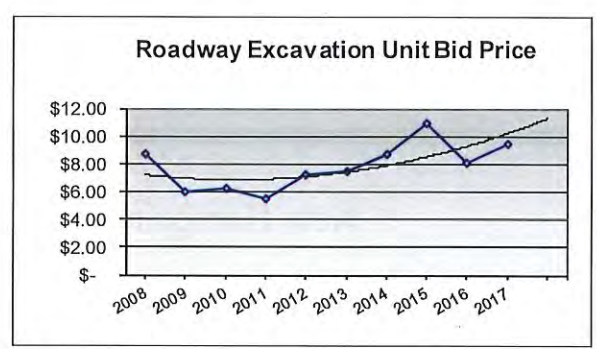
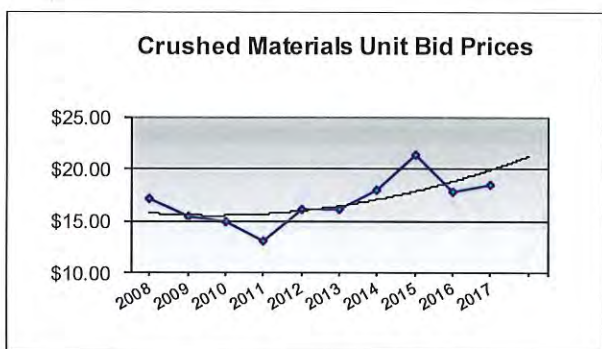
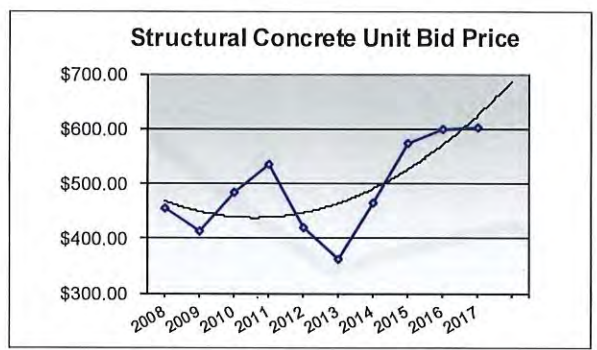
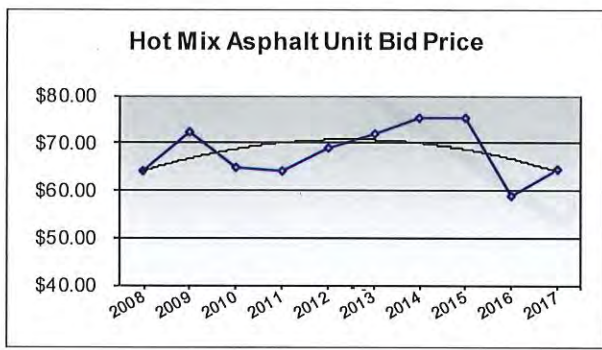
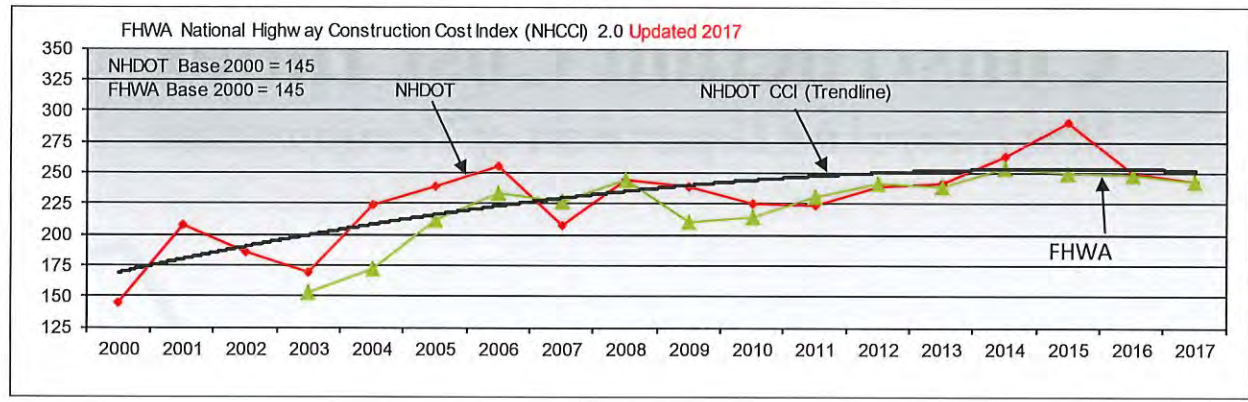


New Hampshire DOT Bureau of Construction
1st Half, 2017

New Hampshire
DOT

Construction Cost Indices for the 1st Half of 2017

NHDOT Base 2000 = 145; FHWA Base 2000 = 145



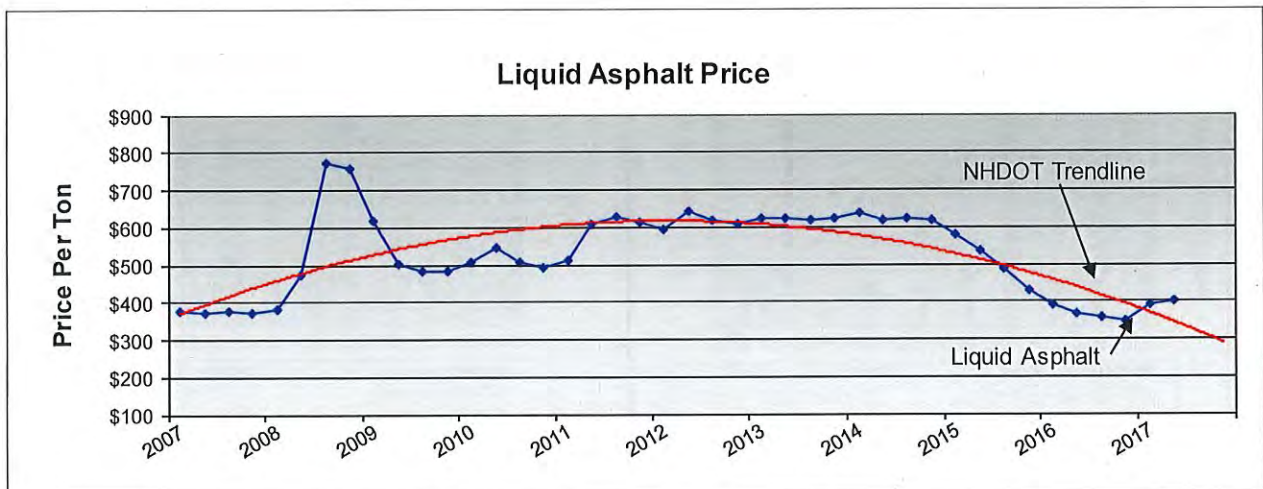
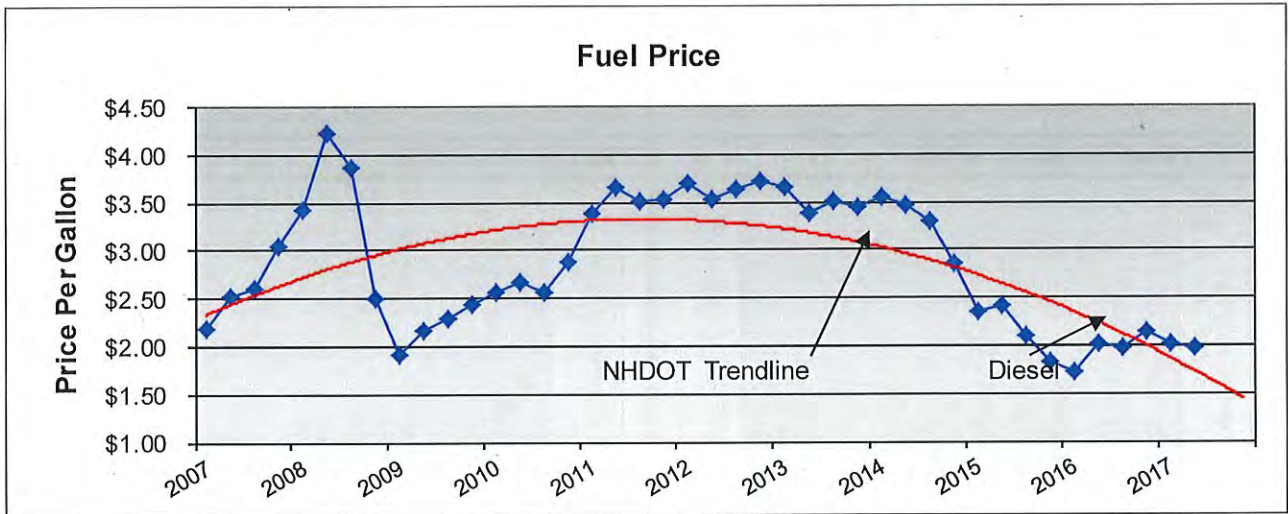
No Structural Steel Bid in 1st half of 2017

Fuel and Liquid asphalt prices finished the 1st half of 2017 at \$1.91 and \$415.00 respectively. Fuel matches the price the 2nd quarter of 2016 and liquid asphalt is up 17%. Four of the six material categories tracked finished up half way through the 2017 season. Crushed Material rose 9.1% from a year ago. Structural Concrete and Rebar is up 0.5 %. Hot Mix Asphalt saw a 13.8% increase and Roadway Excavation is up 15.7% to \$9.50. Structural Steel was not bid for the first half of 2017.

The following Components (weighted as shown) are used to compute the NHDOT CCI:

Hot Mix	46.4%
Crushed Material	14.9%
Roadway Excavation	13.5%
Steel	11.2%
Concrete	10.0%
ReBar	4.0%

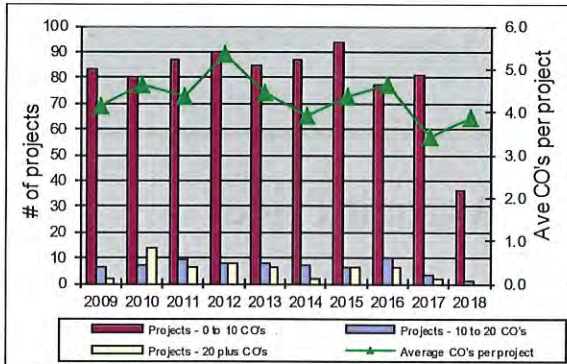
NHDOT Fuel & Liquid Asphalt Prices



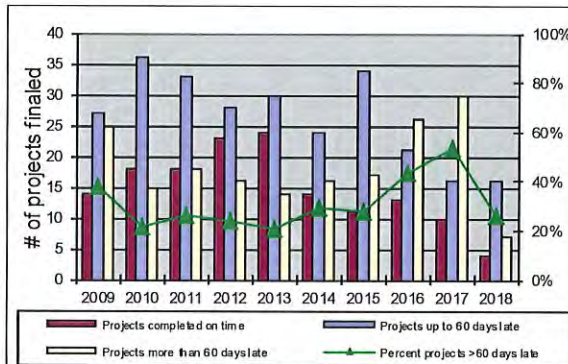
Construction Bureau Performance Measures

Compiled by State Fiscal Year

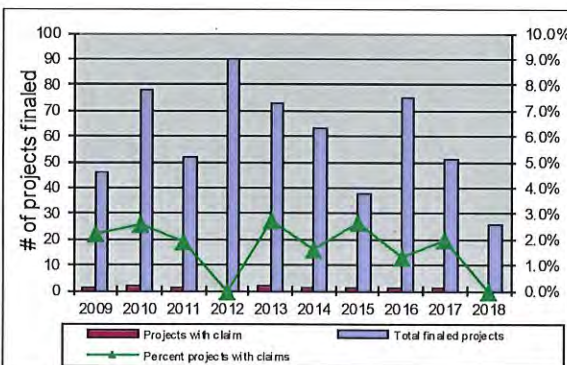
CHANGE ORDERS



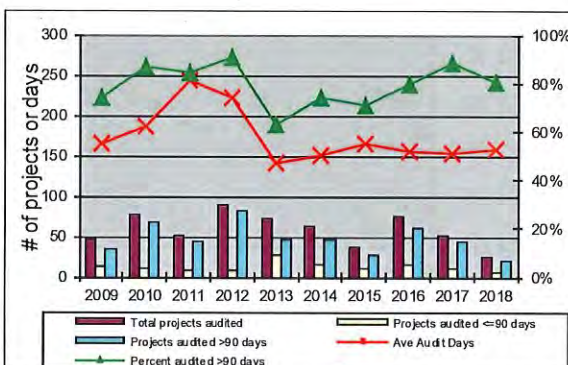
CONTRACT DURATION



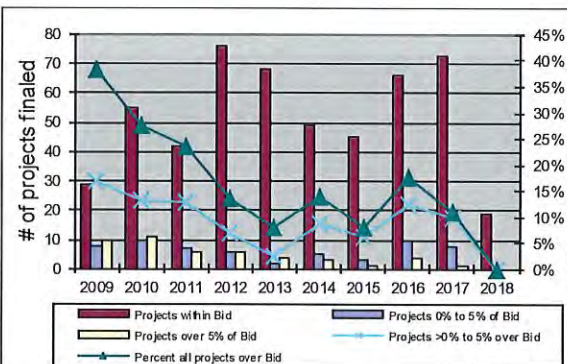
CONTRACTOR CLAIMS



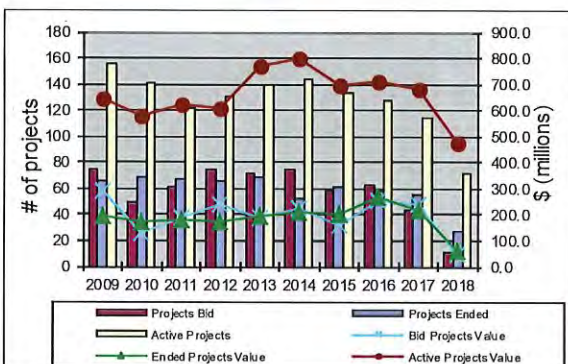
PROJECT AUDIT



BIDS vs. FINAL AMOUNTS



PROJECT ACTIVITY



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

ALL DEMOS STATUS OF FUNDS AND EXPENDITURES
UNOBLIGATED AND UNEXPENDED BALANCE
DEMO STATUS REPORT
AS OF NOVEMBER 27, 2017

Demo ID	Description	Program Code	Public Law	P.L. Section	Project Total Cost	Federal Funds Allocated	Federal Funds Obligated	Unobligated Balance	Total Expenditure	Unexpended Balance	Const. Start Flag	← Obligation	Last Date → Expenditure	Project Numbers
	Access Control Demo - Keene, NH (CO,AR,NH) Proj = 30M				11,700,005.00	0.00	11,700,000.00	0.00	11,700,000.00	0.00	0.00	09/30/1991	02/28/1989	0121023-02, 0121025-02, 0121026-01, 0121027-02, 0121028-02, 0121029-01, 0121030-01
NH001		1560									Y			
NH001		1560	0950599	NA,NA	0.00	11,700,000.00	0.00	0.00	0.00	0.00				
NH001		1560	0960078	NA,NA	0.00	0.00	0.00	0.00	0.00	0.00				
	Access Control Demo - Keene, NH (CO,AR,NH) Proj = 30M Total:				11,700,005.00	11,700,000.00	11,700,000.00	0.00	11,700,000.00	0.00	0.00			
	Franconia Notch (NH)				18,825,599.00	0.00	14,119,200.00	0.00	14,119,200.00	0.00	0.00	09/30/1994	09/20/1993	0301011-03, 0331013-02, 0441001-02, 0441003-01, 0441004-02, 0441005-01, 0441006-02
NH002		1260												
NH002		1260	0930087	NA,NA	0.00	14,119,200.00	0.00	0.00	0.00	0.00				
	Franconia Notch (NH) Total:				18,825,599.00	14,119,200.00	14,119,200.00	0.00	14,119,200.00	0.00	0.00			
	Bridge Capacity Improvements (NH): Nashua River Bridge - second bridge				10,899,097.20	0.00	4,135,548.50	0.00	4,135,548.50	0.00	0.00	09/07/2016	09/21/2016	5315021, A002939, A002940
NH003		3130												
NH003		3130	1000202		0.00	237,000.00	0.00	0.00	0.00	0.00	Y			
NH003		3130	1010164		0.00	135,548.50	0.00	0.00	0.00	0.00				
NH003		3130	1000457		0.00	3,753,000.00	0.00	0.00	0.00	0.00				
	Bridge Capacity Improvements (NH): Nashua River Bridge - second bridge				1,463,142.51	0.00	1,170,514.00	0.00	1,170,514.00	0.00	0.00	05/05/2017	03/24/2017	
NH003		3610												
NH003		3610	1020240	1003.(C)	0.00	-27,694.00	0.00	0.00	0.00	0.00	Y			
NH003		3610	1020240	1104.(B)8	0.00	1,200,000.00	0.00	0.00	0.00	0.00				
NH003		3610	1020240	1003.(C)1	0.00	-1,792.00	0.00	0.00	0.00	0.00				

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

ALL DEMOS STATUS OF FUNDS AND EXPENDITURES
UNOBLIGATED AND UNEXPENDED BALANCE
DEMO STATUS REPORT
AS OF NOVEMBER 27, 2017

Demo ID	Description	Program Code	Public Law	P.L. Section	Project Total Cost	Federal Funds Allocated	Federal Funds Obligated	Unobligated Balance	Total Expenditure	Unexpended Balance	Const. Start Flag	← Obligation	----- Last Date -----> Expenditure	Project Numbers
	Bridge Capacity Improvements (NH); Nashua River Bridge - second bridge				13,393,117.04	0.00	11,326,051.50	0.00	11,326,051.50	0.00		05/05/2017	03/24/2017	5315021-01, 5315051, 5315052, A000116, A000199, A002933, A002939, A003321
NH003		45A0			0.00	11,326,051.50	0.00	0.00	0.00	0.00	Y			5315021, 5315050, 5315054-01, 5315055, A000047,
NH003	Bridge Capacity Improvements (NH); Nashua River Bridge - second bridge	45A0	1060346	378.	10,602,622.11	0.00	8,378,453.26	0.00	8,378,453.26	0.00		05/05/2017	03/24/2017	A002937, A002939, A002940, A003321
NH003		Q920			0.00	8,378,453.26	0.00	0.00	0.00	0.00	Y			5315021, 5315050,
NH003	Bridge Capacity Improvements (NH); Nashua River Bridge - second bridge	Q920	1050178	1602.355	5,559,205.91	0.00	4,446,564.74	0.00	4,446,564.74	0.00		05/05/2017	03/24/2017	5315054-01, 5315055, A000047,
NH003		Q930			0.00	4,446,564.74	0.00	0.00	0.00	0.00	Y			A002937, A002939, A002940, A003321
NH003	Bridge Capacity Improvements (NH); Nashua River Bridge - second bridge	Q930	1050178	1602.355	0.00	0.00	0.00	0.00	0.00	0.00				5315021, 5315050, 5315054-01, 5315055, A000047,
NH003		RN49			0.00	647,548.50	0.00	0.00	0.00	0.00	Y			A002937, A002939, A002940, A003321
NH003	Bridge Capacity Improvements (NH); Nashua River Bridge - second bridge	RN49	114-0113	125.	0.00	0.00	0.00	0.00	0.00	0.00	Y	05/05/2017	03/24/2017	A002937, A002939, A003321
NH003		RNJ9			0.00	3,797,451.50	0.00	0.00	0.00	0.00	Y			5315021, 5315051, 5315052, A000116, A000199, A002933, A002939, A003321
NH003	Bridge Capacity Improvements (NH); Nashua River Bridge - second bridge	RNJ9	114-0113	125.	41,916,184.77	33,902,132.00	29,457,132.00	4,445,000.00	29,457,132.00	0.00	Y	07/28/2016	03/10/2017	0153001, 0153002-02
	PE Demo - Conway Bypass (US-302/SR-16) (NH)				7,662,001.12	0.00	6,145,600.00	0.00	6,145,600.00	0.00				0153001, 0153002-02
NH004		3670								Y				

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

ALL DEMOS STATUS OF FUNDS AND EXPENDITURES
UNOBLIGATED AND UNEXPENDED BALANCE
DEMO STATUS REPORT
AS OF NOVEMBER 27, 2017

Demo ID	Description	Program Code	Public Law	P.L. Section	Project Total Cost	Federal Funds Allocated	Federal Funds Obligated	Unobligated Balance	Total Expenditure	Unexpended Balance	Const. Start Flag	←----- Last Date -----→ Obligation Expenditure	Project Numbers
NH004	PE Demo - Conway Bypass (US-302/SR-16) (NH)	3670	1020240	1107.(B)153	2,125,000.00	6,145,600.00	1,700,000.00	0.00	1,700,000.00	0.00	0.00	09/30/1996 07/10/1996	9117001-01
NH004	PE Demo - Conway Bypass (US-302/SR-16) (NH)	5190	1010516	NA,NA	6,001,606.93	1,700,000.00	5,942,141.86	29,062.14	5,889,698.87	52,442.99	Y	07/28/2016 03/10/2017	0153001
NH004	PE Demo - Conway Bypass (US-302/SR-16) (NH) Total:				15,808,608.05	13,816,804.00	13,787,741.86	29,062.14	13,735,298.87	52,442.99	Y		
NH005	Study of corridor protection for NH Route 16	3670	1020240	1003.(C)1	2,438,571.00	0.00	1,950,857.00	0.00	1,950,857.00	0.00	N	03/16/2007 03/05/2007	0152001, 0152003
NH005	North Conway: Provide congestion relief on US-302 and NH Route 16	3670	1020240	1003.(C)1	0.00	0.00	0.00	0.00	0.00	0.00	N		
NH006	North Conway: Provide congestion relief on US-302 and NH Route 16	3670	1020240	1003.(C)1	0.00	0.00	0.00	0.00	0.00	0.00	N		
NH006	North Conway: Provide congestion relief on US-302 and NH Route 16	3670	1020240	1107.(B)153	0.00	0.00	0.00	0.00	0.00	0.00	N		
NH006	North Conway: Provide congestion relief on US-302 and NH Route 16	3670	1020240	1003.(C)	0.00	0.00	0.00	0.00	0.00	0.00	N		
NH006	North Conway: Provide congestion relief on US-302 and NH Route 16	3670	1020240	1003.(C)	0.00	0.00	0.00	0.00	0.00	0.00	N		
NH007	Winchester: Replacement of Winchester Bridge	3650	1020240	1106.(A)37	700,161.48	0.00	679,414.69	100,928.31	679,414.69	0.00	Y	01/04/2017 12/13/2016	0037001-03, 0111005
NH007	Winchester: Replacement of Winchester Bridge	3650	1020240	1003.(C)1	0.00	800,000.00	0.00	0.00	0.00	0.00	Y		
NH007	Winchester: Replacement of Winchester Bridge	3650	1020240	1003.(C)1	0.00	-1,195.00	0.00	0.00	0.00	0.00	Y		
NH007	Winchester: Replacement of Winchester Bridge	3650	1020240	1003.(C)	0.00	-18,462.00	0.00	0.00	0.00	0.00	Y		
NH007	Winchester: Replacement of Winchester Bridge	3650	1020240	1003.(C)	700,161.48	780,343.00	679,414.69	100,928.31	679,414.69	0.00	Y		

ALL DEMOS STATUS OF FUNDS AND EXPENDITURES
UNOBLIGATED AND UNEXPENDED BALANCE
DEMO STATUS REPORT
AS OF NOVEMBER 27, 2017

Demo ID	Description	Program Code	Public Law	P.L. Section	Project Total Cost	Federal Funds Allocated	Federal Funds Obligated	Unobligated Balance	Total Expenditure	Unexpended Balance	Const. Start Flag	← Obligation	Last Date →	Expenditure	Project Numbers
	Hanover: Ledyard Bridge Reconstruction				9,510,428.00	0.00	7,608,343.00	0.00	7,608,343.00	0.00		11/21/2001	09/20/2001		0038001
NH008		3650													
NH008		3650	1020240	1003.(C)1	0.00	-11,649.00	0.00	0.00	0.00	0.00	Y				
NH008		3650	1020240	1003.(C)	0.00	-180,008.00	0.00	0.00	0.00	0.00					
NH008		3650	1020240	1106.(A)38	0.00	7,800,000.00	0.00	0.00	0.00	0.00					
	Hanover: Ledyard Bridge Reconstruction Total:				9,510,428.00	7,608,343.00	7,608,343.00	0.00	7,608,343.00	0.00					
	Manchester: Manchester Airport Road Improvements				4,877,142.52	0.00	3,901,714.00	0.00	3,901,714.00	0.00		06/16/2014	05/30/2014		0047001
NH009		3650													
NH009		3650	1020240	1106.(A)47	0.00	4,000,000.00	0.00	0.00	0.00	0.00	N				
NH009		3650	1020240	1003.(C)	0.00	-92,312.00	0.00	0.00	0.00	0.00					
NH009		3650	1020240	1003.(C)1	0.00	-5,974.00	0.00	0.00	0.00	0.00					
	Manchester: Manchester Airport Road Improvements Total:				15,632,767.50	0.00	12,506,214.00	0.00	12,506,214.00	0.00		06/16/2014	05/30/2014		0047001
NH009		Q920													
NH009		Q920	1050178	1602.1658	0.00	3,254,691.00	0.00	0.00	0.00	0.00	N				
NH009		Q920	1050178	1602.1653	0.00	1,025,100.00	0.00	0.00	0.00	0.00					
NH009		Q920	1050178	1602.667	0.00	8,226,423.00	0.00	0.00	0.00	0.00					
	Manchester: Manchester Airport Road Improvements Total:				20,509,910.02	16,407,928.00	16,407,928.00	0.00	16,407,928.00	0.00					
	Wetlands mitigation package for SR-101/51				0.00	0.00	0.00	0.00	6,442,394.27	-6,442,394.27					
NH010		3130									Y	12/19/2006	12/14/2006		0037000-01, 0048001-03, 0048002-02, 0048003, 0048004, 0048005-02, 0182091-03, 0182093-02, 0182098
	Wetlands mitigation package for SR-101/51 Total:				12,192,657.82	0.00	9,754,286.36	-0.36	9,754,286.36	0.00					
NH010		3650													
NH010		3650	1020240	1003.(C)1	0.00	-14,935.00	0.00	0.00	0.00	0.00	Y				
NH010		3650	1020240	1003.(C)	0.00	-230,779.00	0.00	0.00	0.00	0.00					
NH010		3650	1020240	1106.(A)48	0.00	10,000,000.00	0.00	0.00	0.00	0.00					

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

ALL DEMOS STATUS OF FUNDS AND EXPENDITURES
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	Widen I-93 from Salem to Manchester				13,499,276.75	0.00	10,799,421.00	0.00	10,799,421.00	0.00		04/21/2017	04/03/2017	0981174, 0931192
NH014		Q920												
NH014		Q920	1050178	1602.1652	0.00	1,204,492.00	0.00	0.00	0.00	0.00	Y			
NH014		Q920	1050178	1602.916	0.00	9,594,929.00	0.00	0.00	0.00	0.00				
	Widen I-93 from Salem to Manchester Total:				13,499,276.75	10,799,421.00	0.00	0.00	10,799,421.00	0.00				
	Construct Orford Bridge				4,723,147.52	0.00	3,778,517.00	0.00	3,778,517.00	0.00		05/14/2007	04/24/2007	0301013
NH015		Q920									Y			
NH015		Q920	1050178	1602.1659	0.00	871,334.00	0.00	0.00	0.00	0.00				
NH015		Q920	1050178	1602.923	0.00	2,907,183.00	0.00	0.00	0.00	0.00				
	Construct Orford Bridge Total:				4,723,147.52	3,778,517.00	0.00	0.00	3,778,517.00	0.00				
	Construct Chestersfield Bridge				3,249,563.78	0.00	2,599,652.00	0.00	2,599,652.00	0.00		12/19/2006	12/14/2006	0121033
NH016		Q920									Y			
NH016		Q920	1050178	1602.1090	0.00	2,599,652.00	0.00	0.00	0.00	0.00				
	Construct Chestersfield Bridge Total:				3,249,563.78	2,599,652.00	0.00	0.00	2,599,652.00	0.00				
	Construct the Keene bypass				6,277,454.26	0.00	5,021,963.00	0.00	4,217,008.15	804,954.85		02/01/2012	09/19/2017	0111004, 0111006
NH017		Q920									Y			
NH017		Q920	1050178	1602.1206	0.00	5,021,963.00	0.00	0.00	0.00	0.00				
	Construct the Keene bypass Total:				6,277,454.26	5,021,963.00	0.00	0.00	4,217,008.15	804,954.85				
	Construct Hindsale Bridge				3,144,369.02	0.00	1,148,131.85	1,451,520.15	1,107,236.28	40,895.57		02/03/2012	01/19/2017	2000019, A000120
NH018		Q920									Y			
NH018		Q920	1050178	1602.1247	0.00	2,599,652.00	0.00	0.00	0.00	0.00				
	Construct Hindsale Bridge Total:				3,144,369.02	2,599,652.00	1,148,131.85	1,451,520.15	1,107,236.28	40,895.57				
	Improve 3 Pisquataqua River Bridges on the New Hampshire - Maine border				2,114,268.50	0.00	1,691,414.00	0.00	1,691,414.00	0.00		08/14/2003	07/21/2003	0951050
NH019		Q920									Y			
NH019		Q920	1050178	1602.1300	0.00	1,691,414.00	0.00	0.00	0.00	0.00				
	Improve 3 Pisquataqua River Bridges on the New Hampshire - Maine border Total:				2,114,268.50	1,691,414.00	0.00	0.00	1,691,414.00	0.00				

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	Rehabilitate/reconstruct Bath-Haverhill Bridge, Bath and Haverhill				832,892.50	0.00	666,314.00	0.00	666,314.00	0.00		01/12/2011	08/25/2010	000S332
NH020		Q920			0.00	666,314.00	0.00	0.00	0.00	0.00	Y			
NH020		Q920	1050178	1602.1657	832,892.50	666,314.00	666,314.00	0.00	666,314.00	0.00				
	Rehabilitate/reconstruct Bath-Haverhill Bridge, Bath and Haverhill Total:													
	High priority highway and bridge projects				6,381,823.74	0.00	5,125,498.00	0.00	5,125,498.00	0.00		06/16/2014	05/30/2014	000S251, 0011009, 0047001, 0121047, 0931200, A000202, A000314, A000317, A000318, A000330
NH021		Q920			0.00	5,125,498.00	0.00	0.00	0.00	0.00	Y			
NH021		Q920	1050178	1602.1822	6,381,823.74	5,125,498.00	5,125,498.00	0.00	5,125,498.00	0.00				
	High priority highway and bridge projects Total:													
	Granite Street Bridge Project, New Hampshire				7,903,968.00	0.00	7,903,968.00	0.00	7,903,968.00	0.00		01/04/2011	10/14/2010	A000171
NH022		55B0			0.00	7,903,968.00	0.00	0.00	0.00	0.00	Y			
NH022		55B0	1080007		0.00	0.00	0.00	44,032.00	0.00	0.00				
	Granite Street Bridge Project, New Hampshire				0.00	44,032.00	0.00	0.00	0.00	0.00	Y			
NH022		RN49	114-0113	125.	7,903,968.00	7,948,000.00	7,903,968.00	44,032.00	7,903,968.00	0.00				
	Granite Street Bridge Project, New Hampshire Total:													
	Bedford, New Hampshire Route 101 Corridor Safety Improvement Project				1,000,000.00	0.00	1,000,000.00	0.00	1,000,000.00	0.00		11/09/2011	04/05/2011	A000297
NH023		H170			0.00	1,000,000.00	0.00	0.00	0.00	0.00	Y			
NH023		H170	1080199	115.	1,000,000.00	1,000,000.00	1,000,000.00	0.00	1,000,000.00	0.00				
	Bedford, New Hampshire Route 101 Corridor Safety Improvement Project													
	Bedford, New Hampshire Route 101 Corridor Safety Improvement Project Total:													
	Choconia Village Transportation Improvement Project (NH)				499,057.50	0.00	499,057.50	0.00	499,057.50	0.00		11/15/2012	10/09/2012	A000299, A000395
NH024		H170			0.00	0.00	0.00	0.00	0.00	0.00	Y			

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NH024	Chocoma Village Transportation Improvement Project (NH) Total:	H170	1080199	115.	0.00	499,057.50	499,057.50	0.00	499,057.50	0.00				
	Granite Street and Bridge Widening Project, New Hampshire	H170			7,000,000.00	0.00	7,000,000.00	0.00	7,000,000.00	0.00		11/29/2010	11/09/2010	A000294, A000338
NH025	Granite Street and Bridge Widening Project, New Hampshire Total:	H170	1080199	115.	0.00	7,000,000.00	7,000,000.00	0.00	7,000,000.00	0.00	Y			
NH026	NH DOT Londonderry South Road Advance, Mitigation/Wetland Creation	H170			463,126.63	0.00	463,126.63	0.00	463,126.63	0.00		08/26/2016	08/16/2016	0531205
NH026	NH DOT Londonderry South Road Advance, Mitigation/Wetland Creation	H170	1080199	115.	0.00	463,126.63	0.00	0.00	0.00	0.00	Y			
NH026	NH DOT Londonderry South Road Advance, Mitigation/Wetland Creation Total:	RPS9	114-0113	125.	0.00	36,873.37	36,873.37	0.00	4,068.46	32,784.91		04/24/2017	11/20/2017	A004375
NH027	NH027, NH069, NH072, TN092, TN145	H170			304,578.90	0.00	297,204.37	0.00	297,204.37	0.00		02/25/2015	03/05/2014	A000300
NH027	NH027, NH069, NH072, TN092, TN145	H170	1080199	115.	0.00	297,204.37	0.00	0.00	0.00	0.00	Y			
NH027	NH027, NH069, NH072, TN092, TN145 Total:	RPS0	115-0031	422.	0.00	2,795.63	2,795.63	0.00	0.00	0.00				
NH028	Chocoma Village Intersect Improvement Project, New Hampshire	H660			190,883.48	0.00	190,883.48	0.00	190,883.48	0.00		08/09/2012	08/05/2009	A000443
NH028	Chocoma Village Intersect Improvement Project, New Hampshire	H660	1080447	117.	0.00	190,883.48	0.00	0.00	0.00	0.00	Y			

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Chocorua Village Intersect Improvement Project, New Hampshire Total:														
					190,883.48	190,883.48	190,883.48	0.00	190,883.48	0.00				
	Crystal Lake Mitigation Project, New Hampshire				983,926.00	0.00	983,926.00	0.00	983,926.00	0.00		11/14/2011	09/10/2007	A000576
NH029		H660												
NH029		H660	1080447	117.	0.00	0.00	0.00	0.00	0.00	0.00	N			
Crystal Lake Mitigation Project, New Hampshire Total:														
					983,926.00	983,926.00	983,926.00	0.00	983,926.00	0.00				
	Draper's Corner Safety Improvements - Claremont, New Hampshire				706,739.92	0.00	706,739.92	0.00	706,739.92	0.00		08/26/2016	08/25/2016	A000418
NH030		H660												
NH030		H660	1080447	117.	0.00	0.00	0.00	0.00	0.00	0.00	Y			
Draper's Corner Safety Improvements - Claremont, New Hampshire														
		RPS9			0.00	0.00	0.00	31,206.08	0.00	0.00				
NH030		RPS9	114-0113	125.	0.00	0.00	0.00	0.00	0.00	0.00	Y			
Draper's Corner Safety Improvements - Claremont, New Hampshire Total:														
					706,739.92	706,739.92	706,739.92	31,206.08	706,739.92	0.00				
Hooksett Highway Reconstruction and Upgrade, New Hampshire														
					3,935,712.00	0.00	3,935,712.00	0.00	3,935,712.00	0.00		11/17/2017	10/26/2017	A000407
NH031		H660												
NH031		H660	1080447	117.	0.00	0.00	0.00	0.00	0.00	0.00	Y			
Hooksett Highway Reconstruction and Upgrade, New Hampshire														
					0.00	0.00	0.00	0.00	0.00	0.00		07/25/2017	11/06/2017	0241014
NH031		LY10			3,935,712.00	3,935,712.00	3,935,712.00	0.00	3,935,712.00	0.00	Y			
Hooksett Highway Reconstruction and Upgrade, New Hampshire Total:														
					3,935,712.00	3,935,712.00	3,935,712.00	0.00	3,935,712.00	0.00				
I-93 construction and mitigation, New Hampshire														
					737,946.00	0.00	737,946.00	0.00	737,946.00	0.00		12/18/2014	08/26/2014	A000131
NH032		H660												
NH032		H660	1080447	117.	0.00	0.00	0.00	0.00	0.00	0.00	Y			
I-93 construction and mitigation, New Hampshire Total:														
					737,946.00	737,946.00	737,946.00	0.00	737,946.00	0.00				

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	North Conway Village Streetscape Project, New Hampshire				983,928.00	0.00	983,928.00	0.00	983,928.00	0.00		02/03/2016	08/24/2017		0272037
NH033		H660													
NH033		H660	1080447	117.	0.00	983,928.00	0.00	0.00	0.00	0.00	Y				
	North Conway Village Streetscape Project, New Hampshire Total:				983,928.00	983,928.00	983,928.00	0.00	983,928.00	0.00					
	Pinkham Notch Pedestrian Safety, New Hampshire				147,589.00	0.00	147,589.00	0.00	147,589.00	0.00		10/23/2008	08/13/2008		A000437
NH034		H660													
NH034		H660	1080447	117.	0.00	147,589.00	0.00	0.00	0.00	0.00	Y				
	Pinkham Notch Pedestrian Safety, New Hampshire Total:				147,589.00	147,589.00	147,589.00	0.00	147,589.00	0.00					
	Pinkham's Notch Foot Bridge, New Hampshire				147,589.00	0.00	147,589.00	0.00	147,589.00	0.00		10/21/2008	03/19/2008		A000438
NH035		H660													
NH035		H660	1080447	117.	0.00	147,589.00	0.00	0.00	0.00	0.00	Y				
	Pinkham's Notch Foot Bridge, New Hampshire Total:				147,589.00	147,589.00	147,589.00	0.00	147,589.00	0.00					
	Spaulding Turnpike/Little Bay Bridges, New Hampshire				5,411,605.00	0.00	5,411,605.00	0.00	5,411,605.00	0.00		05/13/2016	02/15/2012		A000999
NH036		H660													
NH036		H660	1080447	117.	0.00	5,411,605.00	0.00	0.00	0.00	0.00	Y				
	Spaulding Turnpike/Little Bay Bridges, New Hampshire Total:				5,411,605.00	5,411,605.00	5,411,605.00	0.00	5,411,605.00	0.00					
	Construct and upgrade intersection of Route 3 and Franklin Industrial Drive in Franklin				171,094.99	0.00	136,875.99	23,124.01	136,875.99	0.00		07/17/2017	11/20/2017		A000737
NH037		HY10													
NH037		HY10	1090059	1702.131	0.00	160,000.00	0.00	0.00	0.00	0.00	Y				
	Construct and upgrade intersection of Route 3 and Franklin Industrial Drive in Franklin				680,721.01	0.00	579,445.01	61,734.99	547,045.00	32,400.01		07/17/2017	11/20/2017		A000737
NH037		LY10													
NH037		LY10	1090059	1702.131	0.00	64,180.00	0.00	0.00	0.00	0.00	Y				
	Construct and upgrade intersection of Route 3 and Franklin Industrial Drive in Franklin Total:				861,816.00	801,180.00	716,321.00	84,859.00	683,920.99	32,400.01					

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Run Date: 11/27/2017
Run Time: 08:09:02

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					133,931.25	0.00	107,145.00	52,865.00	46,043.07	61,101.93		09/15/2010	10/20/2016	A000416
NH038	Design and construction of intersection of Rte 101A and Rte 13 in Milford	HY10			0.00	160,000.00	0.00	0.00	0.00	0.00	Y			
NH038	Design and construction of intersection of Rte 101A and Rte 13 in Milford	HY10	1090059	1702.389	348,722.25	0.00	107,547.80	533,632.20	12,598.44	94,949.36		09/19/2016	08/02/2017	A000416, A000565
NH038		LY10			0.00	641,180.00	0.00	0.00	0.00	0.00	Y			
NH038	Design and construction of intersection of Rte 101A and Rte 13 in Milford	LY10	1090059	1702.389	482,653.50	801,180.00	214,692.80	586,487.20	58,641.51	156,051.29				
	Total:				372,422.51	0.00	177,938.00	30,062.00	177,938.00	0.00		05/10/2017	11/06/2017	0131039
NH039	Relocation and Reconstruction of intersection at Route 103 and North Street in Claremont	HY10			0.00	206,000.00	0.00	0.00	0.00	0.00	N			
NH039	Relocation and Reconstruction of intersection at Route 103 and North Street in Claremont	HY10	1090059	1702.397	437,577.49	0.00	118,061.99	715,472.01	44,910.06	73,151.93		06/10/2017	11/06/2017	0131039
NH039		LY10			0.00	833,534.00	0.00	0.00	0.00	0.00	N			
NH039	Relocation and Reconstruction of intersection at Route 103 and North Street in Claremont	LY10	1090059	1702.397	810,000.00	1,041,534.00	295,999.99	745,534.01	222,848.06	73,151.93				
	Street in Claremont Total:				50,038.44	0.00	50,038.44	0.00	50,038.44	0.00		03/24/2015	03/18/2015	A000500
NH040	Reconstruction of NH 11 and NH 28 Intersection in Alton	HY10			0.00	50,038.44	0.00	0.00	0.00	0.00	Y			
NH040	Reconstruction of NH 11 and NH 28 Intersection in Alton	HY10	1090059	1702.731	405,191.15	0.00	223,980.79	0.00	223,980.79	0.00		03/24/2015	03/18/2015	A000500, A000509
NH040		LY10			0.00	223,980.79	0.00	0.00	0.00	0.00	Y			
NH040	Reconstruction of NH 11 and NH 28 Intersection in Alton	LY10	1090059	1702.731	0.00	0.00	0.00	286,806.77	0.00	0.00				
NH040		RPS9			0.00	0.00	0.00	0.00	0.00	0.00				

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NH040	Reconstruction of NH 11 and NH 28 Intersection in Alton Total:	RPS9	114-0113	125.	0.00	286,806.77	0.00	0.00	0.00	0.00				
					455,229.59	560,826.00	274,019.23	286,806.77	274,019.23	0.00				
NH041	Improve Meredith Village Traffic Rotary	HY10			171,095.00	0.00	136,676.00	23,124.00	94,923.04	41,952.96		07/25/2017	11/06/2017	0241014
NH041	Improve Meredith Village Traffic Rotary	HY10	1090059	1702.757	0.00	160,000.00	0.00	0.00	0.00	0.00	Y			
NH041	Improve Meredith Village Traffic Rotary	LY10			626,949.76	0.00	578,673.82	62,506.18	132,317.43	446,356.39		07/25/2017	11/06/2017	0241014
NH041	Improve Meredith Village Traffic Rotary Total:				798,044.76	801,180.00	715,549.82	85,630.18	227,240.47	488,309.35	Y			
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	HY10			105,813.00	0.00	95,813.00	0.00	95,813.00	0.00		08/26/2016	08/22/2016	A000414
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	HY10	1090059	1702.810	0.00	95,813.00	0.00	0.00	0.00	0.00	Y			
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	LY10			401,934.69	0.00	377,934.69	0.00	377,934.69	0.00		08/26/2016	08/22/2016	A000414
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	LY10	1090059	1702.810	0.00	377,934.69	0.00	0.00	0.00	0.00	Y			
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	RPS9			87,078.31	0.00	87,078.31	0.00	35,550.06	51,528.25		08/04/2017	11/20/2017	A004201
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	RPS9	114-0113	125.	0.00	87,078.31	0.00	0.00	0.00	0.00	Y			
NH042	Construct Intersection at U.S. 3 and Pembroke Hill Road in Pembroke	LY10			594,826.00	560,826.00	560,826.00	0.00	509,297.75	51,528.25				
NH043	Reconstruction and Improvements to NH Route 110 in Berlin.	HY10			342,186.75	0.00	273,751.00	0.00	273,751.00	0.00		05/10/2017	09/13/2017	A000052
NH043	Reconstruction and Improvements to NH Route 110 in Berlin.	HY10	1090059	1702.1171	0.00	273,751.00	0.00	0.00	0.00	0.00	Y			
NH043	Reconstruction and Improvements to NH Route 110 in Berlin.	L930			203,150.00	0.00	162,520.00	0.00	162,520.00	0.00		05/10/2017	09/13/2017	A000052
NH043	Reconstruction and Improvements to NH Route 110 in Berlin.	L930	1090059	1702.1171	0.00	162,520.00	0.00	0.00	0.00	0.00	Y			

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	Reconstruction and Improvements to NH Route 110 in Berlin.				1,457,611.25	0.00	1,166,089.00	0.00	1,166,089.00	0.00	0.00	05/10/2017	09/13/2017		A000052
NH043		LY10			0.00	1,166,089.00	0.00	0.00	0.00	0.00	Y				
NH043		LY10	1090059	1702.1171	0.00	0.00	0.00	0.00	0.00	0.00	Y				
	Reconstruction and Improvements to NH Route 110 in Berlin. Total:				2,002,950.00	1,602,360.00	1,602,360.00	0.00	1,602,360.00	0.00	0.00				
	South Road Mitigation in Londonderry.				147,634.41	0.00	118,107.53	0.00	118,107.53	0.00	0.00	08/26/2016	08/16/2016		0931205
NH044		HY10			0.00	118,107.53	0.00	0.00	0.00	0.00	Y				
NH044		HY10	1090059	1702.1479	0.00	0.00	0.00	0.00	0.00	0.00	0.00	08/26/2016	08/16/2016		0931205
	South Road Mitigation in Londonderry. Total:				7,691.20	0.00	7,691.20	0.00	7,691.20	0.00	0.00				
NH044		L930			0.00	7,691.20	0.00	0.00	0.00	0.00	Y				
NH044		L930	1090059	1702.1479	0.00	0.00	0.00	0.00	0.00	0.00	0.00	08/26/2016	08/16/2016		0931205
	South Road Mitigation in Londonderry. Total:				644,020.89	0.00	515,216.55	0.00	515,216.55	0.00	0.00				
NH044		LY10			0.00	515,216.55	0.00	0.00	0.00	0.00	Y				
NH044		LY10	1090059	1702.1479	0.00	0.00	0.00	0.00	0.00	0.00	0.00	04/24/2017	11/20/2017		A004375
	South Road Mitigation in Londonderry. Total:				26,995.80	0.00	26,995.80	0.00	26,995.80	0.00	0.00				
NH044		RPF9			0.00	26,995.80	0.00	0.00	0.00	0.00	Y				
NH044		RPF9	114-0113	125.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	04/24/2017	11/20/2017		A004375
	South Road Mitigation in Londonderry. Total:				533,758.92	0.00	533,758.92	0.00	533,758.92	0.00	0.00				
NH044		RPSS			0.00	533,758.92	0.00	0.00	0.00	0.00	Y				
NH044		RPSS	114-0113	125.	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	South Road Mitigation in Londonderry. Total:				1,360,101.02	1,201,770.00	1,201,770.00	0.00	641,015.28	560,754.72	0.00				
	Upgrade Sewalls Falls Road bridge over Merrimack River in Concord				171,095.00	0.00	136,876.00	23,124.00	136,876.00	0.00	0.00	04/18/2016	08/02/2017		5099021
NH045		HY10			0.00	160,000.00	0.00	0.00	0.00	0.00	Y				
NH045		HY10	1090059	1702.1808	0.00	0.00	0.00	0.00	0.00	0.00	0.00	04/18/2016	08/02/2017		5099021
	Upgrade Sewalls Falls Road bridge over Merrimack River in Concord				728,806.25	0.00	583,045.00	58,135.00	565,320.62	17,724.38	0.00				
NH045		LY10									Y				

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NH045	Upgrade Sewalls Falls Road bridge over Merrimack River in Concord	LY10	1090059	1702.1808	899,901.25	801,180.00	719,921.00	81,259.00	702,196.62	17,724.38				
	Total:				342,188.75	0.00	273,751.00	0.00	273,751.00	0.00		04/24/2017	11/20/2017	A000210, A004375
NH046	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.	HY10			0.00	273,751.00	0.00	0.00	0.00	0.00	Y			
NH046	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.	HY10	1090059	1702.1972	1,431,519.38	0.00	1,166,089.00	0.00	1,166,089.00	0.00		04/24/2017	11/20/2017	A000210, A004375
NH046	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.	LY10			0.00	1,166,089.00	0.00	0.00	0.00	0.00	Y			
NH046	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.	LY10	1090059	1702.1972	162,520.00	0.00	162,520.00	0.00	19,966.85	142,553.15		04/24/2017	11/20/2017	A004375
NH046	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.	RPS9			0.00	162,520.00	-0.00	0.00	0.00	0.00	Y			
NH046	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH. Total:	RPS9	114-0113	125.	1,936,228.13	1,602,360.00	1,602,360.00	0.00	1,459,806.85	142,553.15				
NH047	Reconstruction and relocation of the intersection of Maple Avenue and Charlestown Road in Claremont	HY10			85,547.50	0.00	66,438.00	0.00	66,438.00	0.00		08/26/2016	08/25/2016	A000418
NH047	Reconstruction and relocation of the intersection of Maple Avenue and Charlestown Road in Claremont	HY10	1090059	1702.2301	364,401.25	-68,438.00	0.00	0.00	0.00	0.00	Y			
NH047	Reconstruction and relocation of the intersection of Maple Avenue and Charlestown Road in Claremont	LY10			0.00	291,521.00	0.00	0.00	291,521.00	0.00		08/26/2016	08/25/2016	A000418
NH047	Reconstruction and relocation of the intersection of Maple Avenue and Charlestown Road in Claremont	LY10	1090059	1702.2301	0.00	0.00	0.00	40,631.00	0.00	0.00	Y			
NH047	Reconstruction and relocation of the intersection of Maple Avenue and Charlestown Road in Claremont	RPS9			0.00	40,631.00	0.00	0.00	0.00	0.00	Y			
NH047	Reconstruction and relocation of the intersection of Maple Avenue and Charlestown Road in Claremont	RPS9	114-0113	125.	0.00	0.00	0.00	0.00	0.00	0.00				

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Reconstruction and relocation of the intersection of Maple Avenue and Charleston Road in Claremont Total:														
					449,948.75	400,590.00	359,959.00	40,631.00	359,959.00	0.00				
NH048	Replacement of Ash Street and Pillsbury Road Bridge.	HY10			260,064.00	0.00	260,064.00	43,936.00	1,534.38	258,529.62		04/24/2017	11/20/2017	A004375
NH048	Replacement of Ash Street and Pillsbury Road Bridge.	HY10	1090059	1702.2391	0.00	304,000.00	0.00	0.00	0.00	0.00	Y			
NH048	Replacement of Ash Street and Pillsbury Road Bridge. Total:	LY10			1,262,178.01	0.00	1,107,783.20	110,458.80	1,107,595.12	188.08		04/24/2017	11/20/2017	A004375
NH048	Replacement of Ash Street and Pillsbury Road Bridge. Total:	LY10	1090059	1702.2391	0.00	1,218,242.00	0.00	0.00	0.00	0.00	Y			
NH048	Replacement of Ash Street and Pillsbury Road Bridge. Total:	LY10			1,522,242.01	1,522,242.00	1,367,847.20	154,394.80	1,109,129.50	258,717.70				
NH049	Construct Pedestrian, Bicycle bridge in Keene.	HY10			1,781,114.90	0.00	109,500.00	0.00	109,500.00	0.00		06/03/2015	05/22/2015	A000586
NH049	Construct Pedestrian, Bicycle bridge in Keene.	HY10			0.00	109,500.00	0.00	0.00	0.00	0.00	Y			
NH049	Construct Pedestrian, Bicycle bridge in Keene.	LY10	1090059	1702.2409	583,043.75	0.00	466,435.00	0.00	466,435.00	0.00		06/03/2015	05/22/2015	A000586
NH049	Construct Pedestrian, Bicycle bridge in Keene.	LY10			0.00	466,435.00	0.00	0.00	0.00	0.00	Y			
NH049	Construct Pedestrian, Bicycle bridge in Keene.	LY10	1090059	1702.2409	0.00	0.00	0.00	65,009.00	0.00	0.00				
NH049	Construct Pedestrian, Bicycle bridge in Keene. Total:	RFS9			0.00	65,009.00	0.00	0.00	0.00	0.00	Y			
NH049	Construct Pedestrian, Bicycle bridge in Keene. Total:	RFS9	114-0113	125.	2,364,158.65	640,944.00	575,935.00	65,009.00	575,935.00	0.00				
NH050	Hampton Bridge Rehabilitation--Hampton, NH	HY10			256,641.25	0.00	205,313.00	0.00	205,313.00	0.00		02/17/2015	01/29/2015	A000229
NH050	Hampton Bridge Rehabilitation--Hampton, NH	HY10			0.00	205,313.00	0.00	0.00	0.00	0.00	Y			
NH050	Hampton Bridge Rehabilitation--Hampton, NH	LY10	1090059	1702.2616	1,093,208.75	0.00	874,567.00	0.00	874,567.00	0.00		02/17/2015	01/29/2015	A000229
NH050	Hampton Bridge Rehabilitation--Hampton, NH	LY10			0.00	874,567.00	0.00	0.00	0.00	0.00	Y			

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	Hampton Bridge Rehabilitation--Hampton, NH				0.00	0.00	0.00	121,890.00	0.00	0.00				
NH050	RPS9													
NH050	RPS9	114-0113	125.		0.00	121,890.00	0.00	0.00	0.00	0.00	Y			
	Hampton Bridge Rehabilitation--Hampton, NH Total:				1,349,850.00	1,201,770.00	1,079,880.00	121,890.00	1,079,880.00	0.00				
	Environmental mitigation at Sybiak Farm in Londonderry to offset effects of I-93 improvements				273,096.23	0.00	205,313.00	0.00	205,313.00	0.00		04/24/2017	11/20/2017	A000572, A004375
NH051	HY10													
NH051	HY10	1090059	1702.3383		0.00	205,313.00	0.00	0.00	0.00	0.00	Y			
	Environmental mitigation at Sybiak Farm in Londonderry to offset effects of I-93 improvements				1,093,208.00	0.00	874,567.00	0.00	874,567.00	0.00		04/24/2017	11/20/2017	A000572, A004375
NH051	LY10													
NH051	LY10	1090059	1702.3383		0.00	874,567.00	0.00	0.00	0.00	0.00	Y			
	Environmental mitigation at Sybiak Farm in Londonderry to offset effects of I-93 improvements				121,890.00	0.00	121,890.00	0.00	0.00	121,890.00		04/24/2017	11/20/2017	A004375
NH051	RPS9													
NH051	RPS9	114-0113	125.		0.00	121,890.00	0.00	0.00	0.00	0.00	Y			
	Environmental mitigation at Sybiak Farm in Londonderry to offset effects of I-93 improvements Total:				1,488,184.23	1,201,770.00	1,201,770.00	0.00	1,079,880.00	121,890.00				
	Environmental mitigation at Crystal Lake in Manchester to offset effects of I-93 improvements				325,080.00	0.00	260,064.00	0.00	260,064.00	0.00		04/24/2017	11/20/2017	A000574, A004375
NH052	HY10													
NH052	HY10	1090059	1702.3389		0.00	260,064.00	0.00	0.00	0.00	0.00	Y			
	Environmental mitigation at Crystal Lake in Manchester to offset effects of I-93 improvements				1,364,730.00	0.00	1,107,784.00	0.00	1,107,784.00	0.00		04/24/2017	11/20/2017	A000574, A004375
NH052	LY10													
NH052	LY10	1090059	1702.3389		0.00	1,107,784.00	0.00	0.00	0.00	0.00	Y			

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	Environmental mitigation at Crystal Lake in Manchester to offset effects of I-93 improvements	RPSS			154,394.00	0.00	154,394.00	0.00	0.00	154,394.00		04/24/2017	11/20/2017	A0004375
NH052		RPSS	114-0113	125.	0.00	154,394.00	0.00	0.00	0.00	0.00	Y			
NH052	Environmental mitigation at Crystal Lake in Manchester to offset effects of I-93 improvements Total:				1,864,204.00	1,522,242.00	1,522,242.00	0.00	1,367,848.00	154,394.00				
	Construction, including widening and structural improvements, of Little Bay Bridge to eliminate congestion--Portsmouth, NH	HY20			5,000,000.00	0.00	4,000,000.00	0.00	4,000,000.00	0.00		05/13/2016	02/15/2012	A000999
NH053		HY20	1090059	1702.4514	0.00	4,000,000.00	0.00	0.00	0.00	0.00	Y			
NH053	Construction, including widening and structural improvements, of Little Bay Bridge to eliminate congestion--Portsmouth, NH	HY20	1090059	1702.4514	20,036,876.25	0.00	16,029,501.00	0.00	16,029,501.00	0.00		05/13/2016	02/15/2012	A000999
	Construction, including widening and structural improvements, of Little Bay Bridge to eliminate congestion--Portsmouth, NH Total:				25,036,876.25	20,029,501.00	20,029,501.00	0.00	20,029,501.00	0.00				
	I-93 water quality study project.				1,000,000.66	0.00	800,000.00	0.00	800,000.00	0.00		01/07/2014	08/02/2017	A000427
NH054		HY20			0.00	800,000.00	0.00	0.00	0.00	0.00	N			
NH054	I-93 water quality study project.	HY20	1090059	1702.4515	3,912,040.65	0.00	2,648,566.80	557,334.20	2,253,482.59	395,084.21		01/07/2014	08/02/2017	A000427
	I-93 water quality study project Total:				4,912,041.33	4,005,901.00	3,448,566.80	557,334.20	3,053,482.59	395,084.21				
NH054		LY20	1090059	1702.4515	0.00	3,205,901.00	0.00	0.00	0.00	0.00	N			
NH054	I-93 water quality study project.	LY20	1090059	1702.4515	472,901.65	0.00	400,000.00	0.00	400,000.00	0.00		11/07/2016	09/20/2016	A000415
	Reconfiguration of Pelham Intersection to Improve Safety				0.00	400,000.00	0.00	0.00	0.00	0.00	Y			
NH055		HY20	1090059	1702.4516	0.00	400,000.00	0.00	0.00	0.00	0.00				
NH055		HY20	1090059	1702.4516	0.00	400,000.00	0.00	0.00	0.00	0.00				

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	Reconfiguration of Pelham Intersection to Improve Safety				1,179,597.60	0.00	1,178,499.25	424,450.75	1,178,499.25	0.00		11/07/2016	09/20/2016	A000415
NH055		LY20				1,602,950.00	0.00	0.00	0.00	0.00	Y			
NH055		LY20	1090059	1702.4516	0.00	1,602,950.00	0.00	0.00	0.00	0.00				
	Reconfiguration of Pelham Intersection to Improve Safety Total:				1,652,499.25	2,002,950.00	1,578,499.25	424,450.75	1,578,499.25	0.00				
	Reconstruction of NH 11 and NH 28 Intersection in Allon.				347,626.06	0.00	278,100.85	0.00	278,100.85	0.00		03/24/2015	03/18/2015	A000500
NH056		HY20				278,100.85	0.00	0.00	0.00	0.00	Y			
NH056		HY20	1090059	1702.4517	0.00	278,100.85	0.00	0.00	0.00	0.00				
	Reconstruction of NH 11 and NH 28 Intersection in Allon.				922,926.05	0.00	922,926.05	0.00	922,926.05	0.00		03/24/2015	03/19/2015	A000500
NH056		LY20				922,926.05	0.00	0.00	0.00	0.00	Y			
NH056		LY20	1090059	1702.4517	0.00	922,926.05	0.00	0.00	0.00	0.00				
	Reconstruction of NH 11 and NH 28 Intersection in Allon.				1,270,552.11	1,402,065.00	1,201,026.90	201,038.10	1,201,026.90	0.00				
NH056		RPS9				201,038.10	0.00	0.00	0.00	0.00	Y			
NH056		RPS9	114-0113	125.	0.00	201,038.10	0.00	0.00	0.00	0.00				
	Reconstruction of NH 11 and NH 28 Intersection in Allon. Total:				400,000.00	1,402,065.00	1,201,026.90	201,038.10	1,201,026.90	0.00				
	Construct and upgrade intersection of Route 3 and Franklin Industrial Drive in Franklin.				400,000.00	0.00	400,000.00	0.00	400,000.00	0.00		07/17/2017	11/20/2017	A000737
NH057		HY20				400,000.00	0.00	0.00	0.00	0.00	Y			
NH057		HY20	1090059	1702.4518	0.00	400,000.00	0.00	0.00	0.00	0.00				
	Construct and upgrade intersection of Route 3 and Franklin Industrial Drive in Franklin.				1,598,550.04	0.00	1,598,550.04	4,399.96	1,453,486.73	145,063.31		07/17/2017	11/20/2017	A000737
NH057		LY20				1,602,950.00	0.00	0.00	0.00	0.00	Y			
NH057		LY20	1090059	1702.4518	0.00	1,602,950.00	0.00	0.00	0.00	0.00				
	Construct and upgrade intersection of Route 3 and Franklin Industrial Drive in Franklin. Total:				1,998,550.04	2,002,950.00	1,998,550.04	4,399.96	1,853,486.73	145,063.31				

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Demo ID	Description	Program Code	Public Law	P.L. Section	Project Total Cost	Federal Funds Allocated	Federal Funds Obligated	Unobligated Balance	Total Expenditure	Unexpended Balance	Const. Start Flag	← Obligation	Last Date Expenditure	Project Numbers
	Design and construction of intersection of Rt. 101A and Rt. 13 in Milford.				172,781.25	0.00	138,225.00	261,775.00	101,509.36	36,715.64		09/19/2016	08/02/2017	A000416, A000565, A000618
NH058		HY20												
NH059	Design and construction of intersection of Rt. 101A and Rt. 13 in Milford.	HY20	1090059	1702.4519	0.00	400,000.00	0.00	0.00	0.00	0.00	Y			
NH058		LY20												
NH058	Design and construction of intersection of Rt. 101A and Rt. 13 in Milford.	LY20	1090058	1702.4519	0.00	1,602,950.00	0.00	0.00	0.00	0.00	Y			
Total:					1,267,247.25	2,002,950.00	1,013,797.80	989,152.20	749,656.32	264,141.48		09/19/2016	08/02/2017	A000565
	Relocation and reconstruction of intersection at Route 103 and North Street in Claremont.				0.00	0.00	0.00	520,000.00	0.00	0.00				
NH059		HY20												
NH059	Relocation and reconstruction of intersection at Route 103 and North Street in Claremont.	HY20	1090059	1702.4520	0.00	520,000.00	0.00	0.00	0.00	0.00	N			
NH059		LY20												
NH059	Relocation and reconstruction of intersection at Route 103 and North Street in Claremont.	LY20	1090059	1702.4520	0.00	2,083,835.00	0.00	2,083,835.00	0.00	0.00				
Total:					400,000.00	0.00	320,000.00	0.00	237,165.21	82,834.79		07/25/2017	11/06/2017	0241014
	Improve Meredith Village Traffic Rotary													
NH060		HY20												
NH060	Improve Meredith Village Traffic Rotary	HY20	1090059	1702.4521	0.00	320,000.00	0.00	0.00	0.00	0.00	Y			
NH060		LY20												
NH060	Improve Meredith Village Traffic Rotary	LY20	1090059	1702.4521	0.00	1,282,360.00	0.00	0.00	0.00	0.00	Y			
Total:					1,282,360.00	0.00	1,254,550.00	27,810.00	10,958.17	1,243,591.83		07/25/2017	11/06/2017	0241014
NH060		RPS9												
NH060	Improve Meredith Village Traffic Rotary	RPS9	114-0113	125.	0.00	0.00	0.00	0.00	0.00	0.00	Y			

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ALL DEMOS STATUS OF FUNDS AND EXPENDITURES
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Improve Meredith Village Traffic Rotary Total:													
					1,682,360.00	1,602,360.00	1,574,550.00	27,810.00	248,123.38	1,326,426.62			
	Construct intersection at U.S. 3 and Pembroke Hill Road in Pembroke				268,246.06	0.00	268,246.06	0.00	268,246.06	0.00		08/26/2016	A000414
NH061		HY20				268,246.06	0.00	0.00	0.00	0.00	Y		
NH061	Construct intersection at U.S. 3 and Pembroke Hill Road in Pembroke	HY20	1090059	1702.4522	832,894.28	0.00	782,161.33	0.00	782,161.33	0.00		08/26/2016	A000414
NH061		LY20				782,161.33	0.00	0.00	0.00	0.00	Y		
NH061	Construct intersection at U.S. 3 and Pembroke Hill Road in Pembroke	LY20	1090059	1702.4522	0.00	0.00	0.00	0.00	0.00	0.00			
NH061		RPS9				351,657.31	0.00	351,657.31	0.00	0.00	Y		
NH061	Construct intersection at U.S. 3 and Pembroke Hill Road in Pembroke	RPS9	114-0113	125	1,101,140.34	1,402,064.70	1,050,407.39	351,657.31	1,050,407.39	0.00			
Total:													
	Reconstruction and improvements to NH Route 110 in Berlin.				900,000.00	0.00	720,000.00	0.00	720,000.00	0.00		05/10/2017	A000052
NH062		HY20				720,000.00	0.00	0.00	0.00	0.00	Y		
NH062	Reconstruction and improvements to NH Route 110 in Berlin.	HY20	1090059	1702.4523	3,550,550.51	0.00	2,840,440.38	44,869.62	2,840,440.38	0.00		05/10/2017	A000052, A001225, A002316
NH062		LY20				2,885,310.00	0.00	0.00	0.00	0.00	Y		
NH062	Reconstruction and improvements to NH Route 110 in Berlin. Total:	LY20	1090059	1702.4523	4,450,550.51	3,605,310.00	3,560,440.38	44,869.62	3,560,440.38	0.00			
South Road Mitigation in Londonderry.													
NH063		HY20				400,000.00	0.00	0.00	0.00	0.00	Y		
NH063	South Road Mitigation in Londonderry.	HY20	1090059	1702.4524	0.00	0.00	0.00	0.00	0.00	0.00		05/10/2017	A000052
NH063		LY20				1,602,950.00	0.00	0.00	0.00	0.00	Y		
NH063	South Road Mitigation in Londonderry. Total:	LY20	1090059	1702.4524	0.00	1,602,950.00	0.00	0.00	0.00	0.00			

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South Road Mitigation in Londonderry. Total:															
					0.00	2,002,950.00	0.00	2,002,950.00	0.00	0.00		01/05/2012	12/15/2010		A000485
	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.				500,000.00	0.00	400,000.00	0.00	400,000.00	0.00					
NH064		HY20													
NH064	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH.	HY20	1090059	1702.4525	2,003,687.50	0.00	1,802,950.00	0.00	1,602,950.00	0.00	Y	01/05/2012	12/15/2010		A000485
NH064		LY20													
NH064	Construct Park and Ride, Exit 5 on I-93-- Londonderry, NH. Total:	LY20	1090059	1702.4525	2,503,687.50	2,002,950.00	2,002,950.00	0.00	2,002,950.00	0.00	Y				
Reconstruction and relocation of the intersection of Maple Avenue and Charleston Road in Claremont															
NH065		HY20			0.00	200,000.00	0.00	0.00	0.00	0.00		08/26/2016	08/25/2016		A000418
NH065	Reconstruction and relocation of the intersection of Maple Avenue and Charleston Road in Claremont	HY20	1090059	1702.4526	811,876.38	0.00	649,501.10	151,973.90	649,501.10	0.00	Y	08/26/2016	08/25/2016		A000418
NH065		LY20													
NH065	Reconstruction and relocation of the intersection of Maple Avenue and Charleston Road in Claremont Total:	LY20	1090059	1702.4526	1,061,876.38	1,001,475.00	849,501.10	151,973.90	849,501.10	0.00					
Replacement of Ash Street and Pillsbury Road Bridge.															
NH066		HY20			260,000.00	0.00	280,000.00	0.00	0.00	280,000.00		04/24/2017	11/20/2017		A004375
NH066	Replacement of Ash Street and Pillsbury Road Bridge.	HY20	1090059	1702.4527	1,122,065.00	0.00	1,122,065.00	0.00	131,414.61	990,650.39	Y	04/24/2017	11/20/2017		A004375
NH066		LY20													
NH066	Replacement of Ash Street and Pillsbury Road Bridge. Total:	LY20	1090059	1702.4527	1,402,065.00	1,402,065.00	1,402,065.00	0.00	131,414.61	1,270,650.39	Y				

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					750,000.00	0.00	600,000.00	0.00	600,000.00	0.00	0.00	05/03/2012	04/23/2012	A000569
NH067	Hampton Bridge Rehabilitation--Hampton.	HY20			0.00	600,000.00	0.00	0.00	0.00	0.00	Y			
NH067	Hampton Bridge Rehabilitation--Hampton.	HY20	1090059	1702.4528	3,005,531.25	0.00	2,404,425.00	0.00	2,404,425.00	0.00	0.00	05/03/2012	04/23/2012	A000569
NH067	Hampton Bridge Rehabilitation--Hampton.	LY20			0.00	2,404,425.00	0.00	0.00	0.00	0.00	Y			
NH067	Hampton Bridge Rehabilitation--Hampton. Total:	LY20	1090059	1702.4528	3,755,531.25	3,004,425.00	0.00	0.00	3,004,425.00	0.00	0.00			
	Crystal Lake Mitigation, Manchester, NH				297,053.82	0.00	297,000.00	0.00	297,000.00	0.00	0.00	11/14/2011	10/26/2011	A000575
NH068	Crystal Lake Mitigation, Manchester, NH	LY60			0.00	297,000.00	0.00	0.00	0.00	0.00	N			
NH068	Crystal Lake Mitigation, Manchester, NH	LY60	1090115	112.	297,053.82	0.00	297,000.00	0.00	297,000.00	0.00	0.00			
NH069	NH027, NH069, NH072, TN092, TN145	LY60			189,774.51	0.00	189,774.51	0.00	189,774.51	0.00	0.00	03/24/2015	03/18/2015	A000500, A000510
NH069	NH027, NH069, NH072, TN092, TN145	LY60	1090115	112.	0.00	189,774.51	0.00	0.00	0.00	0.00	Y			
NH069	NH027, NH069, NH072, TN092, TN145	LY60	1090115	112.	0.00	0.00	0.00	57,725.49	0.00	0.00	0.00			
NH069	Little Bay Bridges/Spaulding Tumpike, NH	RPS0			0.00	57,725.49	0.00	0.00	0.00	0.00	Y			
NH069	Little Bay Bridges/Spaulding Tumpike, NH	RPS0	115-0031	422.	189,774.51	247,500.00	189,774.51	57,725.49	189,774.51	0.00	0.00			
NH069	Little Bay Bridges/Spaulding Tumpike, NH	RPS0			2,475,000.00	0.00	2,475,000.00	0.00	2,475,000.00	0.00	0.00	05/13/2016	02/15/2012	A000999
NH070	Little Bay Bridges/Spaulding Tumpike, NH	LY60			0.00	2,475,000.00	0.00	0.00	0.00	0.00	Y			
NH070	Little Bay Bridges/Spaulding Tumpike, NH	LY60	1090115	112.	2,475,000.00	2,475,000.00	2,475,000.00	0.00	2,475,000.00	0.00	0.00			
NH071	Meredith Village Improvement Project, NH	LY60			375,000.00	0.00	375,000.00	0.00	340,581.60	34,418.40	0.00	07/25/2017	11/06/2017	0241014
NH071	Meredith Village Improvement Project, NH	LY60	1090115	112.	0.00	375,000.00	0.00	0.00	0.00	0.00	Y			
NH071	Meredith Village Improvement Project, NH	LY60	1090115	112.	375,000.00	375,000.00	375,000.00	0.00	340,581.60	34,418.40	0.00			

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Run Date: 11/27/2017
Run Time: 08:09:02

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	NH027,NH069,NH072,TN092, TN145				627,213.92	0.00	627,213.92	0.00	627,213.92	0.00	0.00	11/07/2016	08/20/2016	A000415
NH072		LY60				627,213.92	0.00	0.00	0.00	0.00	Y			
NH072		LY60	1090115	112.	0.00	0.00	0.00	115,286.08	0.00	0.00	0.00			
	NH027,NH069,NH072,TN092, TN145				627,213.92	0.00	627,213.92	0.00	627,213.92	0.00	Y			
NH072		RPS0	115-0031	422.	0.00	115,286.08	0.00	0.00	0.00	0.00	0.00			
NH072		RPS0			627,213.92	742,500.00	627,213.92	115,286.08	627,213.92	0.00	0.00			
	NH027,NH069,NH072,TN092,TN145 Total:				841,500.00	0.00	841,500.00	0.00	841,500.00	0.00	0.00	03/27/2012	03/16/2012	A000570
	Rehabilitate Route 1(a) Bridge, Hampton, NH										Y			
NH073		LY60			0.00	841,500.00	0.00	0.00	0.00	0.00	0.00			
NH073		LY60	1090115	112.	0.00	841,500.00	841,500.00	0.00	841,500.00	0.00	0.00			
	Rehabilitate Route 1(a) Bridge, Hampton, NH Total:				841,500.00	0.00	841,500.00	0.00	841,500.00	0.00	0.00			
	Replace Ash Street/Pillsbury Road Bridge, Londonderry, NH													
NH074		LY60			0.00	0.00	0.00	0.00	0.00	0.00	N			
NH074		LY60	1090115	112.	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Replace Ash Street/Pillsbury Road Bridge, Londonderry, NH Total:				0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	South Road Mitigation, Londonderry, NH													
NH075		LY60			0.00	0.00	0.00	0.00	0.00	0.00	N			
NH075		LY60	1090115	112.	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	South Road Mitigation, Londonderry, NH Total:				297,000.00	0.00	297,000.00	0.00	297,000.00	0.00	0.00	11/14/2011	10/26/2011	A000573
	Sybiak Farm Mitigation, Derry, NH													
NH076		LY60			0.00	297,000.00	0.00	0.00	0.00	0.00	N			
NH076		LY60	1090115	112.	0.00	297,000.00	297,000.00	0.00	297,000.00	0.00	0.00			
	Sybiak Farm Mitigation, Derry, NH Total:				418,581.23	0.00	418,581.23	71,418.77	418,581.23	0.00	0.00	08/09/2016	05/31/2016	A000982
	Chocoma Village Safety Improvement Project, Tamworth, NH										Y			
NH077		LY90			0.00	490,000.00	0.00	0.00	0.00	0.00	0.00			
NH077		LY90	1100161	129.	0.00	490,000.00	0.00	0.00	0.00	0.00	0.00			

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Chocorua Village Safety Improvement Project, Tamworth, NH Total:													
					418,581.23	490,000.00	418,581.23	71,418.77	418,581.23	0.00			
Downtown Franklin Revitalization, Franklin, NH													
NH078		LY90			781,291.95	0.00	778,242.88	5,757.12	778,242.88	0.00		02/23/2016	10/20/2015 A000806
NH078		LY90	1100161	129.	0.00	784,000.00	0.00	0.00	0.00	0.00	Y		
Downtown Franklin Revitalization, Franklin, NH Total:													
					781,291.95	784,000.00	778,242.88	5,757.12	778,242.88	0.00			
Granite Street Reconstruction Project, NH													
NH079		LY90			4,939,327.15	0.00	1,666,000.00	0.00	1,666,000.00	0.00		11/02/2010	06/28/2010 A000339
NH079		LY90	1100161	129.	0.00	1,666,000.00	0.00	0.00	0.00	0.00	Y		
Granite Street Reconstruction Project, NH Total:													
					4,939,327.15	1,666,000.00	1,666,000.00	0.00	1,666,000.00	0.00			
Little Bay Bridges/Spaulding Turnpike, NH													
NH080		LY90			1,715,000.00	0.00	1,715,000.00	0.00	1,715,000.00	0.00		05/13/2016	02/15/2012 A000999
NH080		LY90	1100161	129.	0.00	1,715,000.00	0.00	0.00	0.00	0.00	Y		
Little Bay Bridges/Spaulding Turnpike, NH Total:													
					1,715,000.00	1,715,000.00	1,715,000.00	0.00	1,715,000.00	0.00			
Town of Tamworth, Chocorua Village Safety Project, NH													
NH081		56A0			466,913.01	0.00	465,520.00	9,480.00	465,520.00	0.00		08/09/2016	05/31/2016 A000982
NH081		56A0	1110008	125.	0.00	475,000.00	0.00	0.00	0.00	0.00	Y		
Town of Tamworth, Chocorua Village Safety Project, NH Total:													
					466,913.01	475,000.00	465,520.00	9,480.00	465,520.00	0.00			
Bewick Bridge, Somersworth, NH													
NH082		56C0			1,754,722.74	0.00	499,915.00	0.00	499,915.00	0.00		07/02/2015	03/23/2016 A000460
NH082		56C0	1110117		0.00	499,915.00	0.00	0.00	0.00	0.00	Y		
Bewick Bridge, Somersworth, NH Total:													
					1,754,722.74	499,915.00	499,915.00	0.00	499,915.00	0.00			
Broad Street Parkway/Nashua River Bridge Enhancements, NH													
NH083		56C0			486,917.00	0.00	486,917.00	0.00	486,917.00	0.00		05/05/2017	03/24/2017 A002939
NH083		56C0	1110117		0.00	486,917.00	0.00	0.00	0.00	0.00	Y		

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Broad Street Parkway/Nashua River Bridge Enhancements, NH Total:														
					486,917.00	486,917.00	486,917.00	0.00	486,917.00	0.00				
NH084	Elm Street/Gas Light District Improvements, NH	56C0			940,613.00	0.00	940,613.00	59,216.00	727,258.54	213,354.46		06/15/2017	09/21/2017	A001086
NH084	Elm Street/Gas Light District Improvements, NH Total:	56C0	1110117		940,613.00	999,829.00	940,613.00	59,216.00	727,258.54	213,354.46	Y			
NH085	Hutchins Street Reconstruction, Berlin, NH	56C0			873,702.12	0.00	778,067.00	1,000.00	773,109.60	4,957.40		06/28/2016	03/01/2017	A001088
NH085	Hutchins Street Reconstruction, Berlin, NH Total:	56C0	1110117		873,702.12	779,067.00	778,067.00	1,000.00	773,109.60	4,957.40	Y			
NH086	Lower Main Street Infrastructure Project, Claremont, NH	56C0			2,714,110.00	0.00	486,917.00	0.00	103,203.74	363,713.26		08/31/2017	09/13/2017	A002723
NH086	Lower Main Street Infrastructure Project, Claremont, NH Total:	56C0	1110117		2,714,110.00	486,917.00	486,917.00	0.00	103,203.74	363,713.26	Y			
Interstate 93 Quality Study, NH														
NH087	Interstate 93 Quality Study, NH Total:	LY60	1090115	112.	0.00	0.00	0.00	0.00	0.00	0.00		01/07/2014	08/02/2017	A000427
Recipient 0033 Total:														
Grand Total:														

Run Date: 11/27/2017
Run Time: 08:08:04

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Parameters:

Recipient(s):

0033

Program Code(s):

Fund Source(s):

Recode(s):

Project Number 11238L / A000(999)
Project Name / Road NEWINGTON - DOVER, NH 16 / US 4 / SPLDG TPK
Project Manager Keith Cota
PM Auth. Phases Construction
Type Based on Bids (Rev. Project Agreement)

Project Dates

Ad Information		Other Dates	
Ad Date	05/11/2010	On Shelf	---
Post to Ad Schedule	No	Project Start	01/01/2010
Ad Date Explanation	NA	Project End	09/30/2016
Last Approved Estimate		Days to Approve	
Dated	09/22/2014	Routees	0 days
Type	Based on Bids (Rev. Project Agreement)	Project Finance	7 days
		FHWA	52 days

Project Details

Estimate Type	Based on Bids (Rev. Project Agreeeme	Mode	Highway/Bridge
Bureau Type	Bridge Design	Work Zone	Significant
Relationship	Child	Is Reg. Sig.	No
Parent	11238	Project Status	Planned
Managed By	DOT		
Town(s)	Dover, Newington		
Team List	Bob Landry; Charles Blackman; Peter Salo; Robert Juliano; Wendy Johnson		
Accounting Units	3025:HIGHWAY DESIGN BUREAU; 7514:SPAULDING TPK - US4 - NH16		
Work Series	200		
Bridges	006502010002500 Dover - 201/025		
Alternate References	NH036, 053, 070, 080, None Provided		
Advertises With	---		
Investment	Preservation 60%; Modification 40%;		

Project Description
 Construction of new southbound barrel for Little Bay Bridge on Spaulding Turnpike along NH Rte 16

Project Scope
 CONSTRUCTION OF LITTLE BAY BRIDGE, INDEPENDENT SISTER STRUCTURE (FROM N-D 11238) [INCLUDES DEMO IDS (NH036), (NH053), (NH070), (NH080), TCSP, AND TURNPIKE FUNDED REMAINDER]

Estimate Description
 PE: N/A
 ROW: N/A
 CON: Decrease

 This estimate decreases construction costs based on the cost of work performed.

 The project grand total is reduced.

Funding Instructions
 Funding for this project consists of the following (including indirect expenses):
 \$5,411,605.00 (ID # 44670) (NH036);
 \$5,000,000.00 (ID #44674) (NH053);
 \$20,036,876.25 (ID #44676) (NH053);
 \$2,475,000.00 (ID #44677) (NH070); and
 \$1,715,000.00 (ID #44679) (NH080)
 \$2,223,000.00 (ID #44680) (Transportation & Community System Preservation); included under Federal Project No. A000(999).
 State ID Numbers 44674, 44676, and 44680 require a 20% Turnpike match.

 The remainder of the cost is Turnpike funded with the exception of \$7,332.60 in Non-Par funds for FairPoint and \$431,695.00 in Non-Par funds to be shared by FairPoint, AT&T and Bayring.
 -\$579.03 for electrical inspections provided by the Bureau of Public Works paid to account #10-01400-20910000-009
 -\$2,961,916.41 in Indirects

 PE and ROW are charged to the Newington-Dover 11238 project.

PROJECT ESTIMATE

Estimate Dated:03/17/2016

Project Total				
Construction	Proposed Amount	Existing Amount	Change	Indirect Dollars
EAR-NH036				
2010	\$364,091.92	\$451,429.54	\$(87,337.62)	\$36,409.20
2011	\$4,555,549.03	\$4,470,550.59	\$84,998.44	\$455,554.90
EAR-NH053				
2011	\$22,760,796.60	\$22,760,796.59	\$0.01	\$2,276,079.66
Ear-NH070				
2011	\$2,250,000.00	\$2,250,000.00	\$0.00	\$225,000.00
Ear-NH080				
2010	\$454,699.25	\$0.00	\$454,699.25	\$45,469.60
2011	\$1,104,391.67	\$1,559,090.91	\$(454,699.24)	\$110,439.16
NON-PAR (other)				
2010	\$421,220.00	\$439,027.00	\$(17,807.00)	\$0.00
TCSP *				
2011	\$2,020,909.39	\$2,020,909.09	\$0.30	\$202,090.94
TPK *				
2010	\$5,077,853.74	\$5,451,975.25	\$(374,121.51)	\$0.00
2011	\$404,002.49	\$17,807.00	\$386,195.49	\$0.00
2012	\$10,566,719.55	\$10,272,498.43	\$294,221.12	\$0.00
2013	\$4,127,563.24	\$4,445,279.06	\$(317,715.82)	\$0.00
2014	\$579.03	\$579.03	\$0.00	\$0.00
Subtotal	\$54,108,375.91	\$54,139,942.49	\$(31,566.58)	\$3,351,043.46
Grand Total:	\$54,108,375.91	\$54,139,942.49	\$(31,566.58)	\$3,351,043.46

Report Requested by: PMs and Project Finance.

PROJECT ESTIMATE

Estimate Dated:03/17/2016

Vendors				
ATC Associates				
N/A; N/A; sediment management	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$14,087.83	\$14,087.83	\$0.00
	Sub Total	\$14,087.83	\$14,087.83	\$0.00
Bureau of Public Works				
N/A; N/A; Electrical inspections 10-01400-20910000-009	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$579.03	\$579.03	\$0.00
	Sub Total	\$579.03	\$579.03	\$0.00
FairPoint				
N/A; N/A; FairPoint Telephone, AT&T, Bayring Communications Non Participating	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$431,695.00	\$431,695.00	\$0.00
N/A; N/A; FairPoint Telephone Non Participating	Construction	\$7,332.60	\$7,332.60	\$0.00
	Sub Total	\$439,027.60	\$439,027.60	\$0.00
NHDOT				
N/A; N/A; State of NH/ Signs, Signals, Pavement Markings - Force Account Work	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$0.00	\$2,000.00	\$(2,000.00)
N/A; N/A; Modifications to North Abut. General Sullivan Bridge	Construction	\$183,237.60	\$183,237.60	\$0.00
N/A; N/A; Pedestrian Access to General Sullivan Bridge	Construction	\$1,299,709.55	\$1,299,709.55	\$0.00
N/A; N/A; SB Little Bay Bridge	Construction	\$38,174,235.37	\$38,174,235.37	\$0.00
N/A; N/A; Retaining Walls and Sound Wall	Construction	\$1,792,136.72	\$1,792,136.72	\$0.00
N/A; N/A; Construction of new southbound barrel for Little Bay Bridge on Spauling Turnpike along NH Rte 16 - Roadway	Construction	\$12,187,555.21	\$12,217,121.79	\$(29,566.58)
	Sub Total	\$53,636,874.45	\$53,668,441.03	-\$31,566.58
Public Service Co of NH				
N/A; N/A; PSNH (Permanent Lighting) - Force Account Work	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$17,807.00	\$17,807.00	\$0.00
	Sub Total	\$17,807.00	\$17,807.00	\$0.00
	Grand Total	\$54,108,375.91	\$54,139,942.49	-\$31,566.58

Report Requested by: PMs.

All dollars exclude indirect costs and represent values entered by PMs in the vendor table.

Improvement Type			
Phase			
Federal IT			
Bridge NBI #	State Improvement Type		Amount
Construction			
(03) Road-Reconstruction, Added Capacity			
N/A	(3) Road-Reconstruction, Added Capacity		\$6,071.66
N/A	(3) Road-Reconstruction, Added Capacity		\$17,807.00
N/A	(3) Road-Reconstruction, Added Capacity		\$1,638,243.16
N/A	(3) Road-Reconstruction, Added Capacity		\$4,545,454.55
N/A	(3) Road-Reconstruction, Added Capacity		\$4,511,388.19
N/A	(3) Road-Reconstruction, Added Capacity		\$634,784.45
N/A	(3) Road-Reconstruction, Added Capacity		\$8,016.17
		Fed. IT Subtotal:	\$11,361,765.18
(06) Road-Restoration and Rehabilitation			
N/A	(6) Road-Restoration and Rehabilitation		\$1,713,593.00
		Fed. IT Subtotal:	\$1,713,593.00
(08) Bridge-New Construction			
N/A	(8) Bridge-New Construction		\$18,215,342.05
N/A	(8) Bridge-New Construction		\$199,678.94
N/A	(8) Bridge-New Construction		\$4,443,069.29
N/A	(8) Bridge-New Construction		\$8,808,258.38
N/A	(8) Bridge-New Construction		\$2,020,909.39
N/A	(8) Bridge-New Construction		\$2,181,888.11
N/A	(8) Bridge-New Construction		\$979,388.89
N/A	(8) Bridge-New Construction		\$454,699.25
		Fed. IT Subtotal:	\$37,303,234.30
(14) Bridge-Rehabilitation, No Added Capacity			
006502010002500	(14) Bridge-Rehabilitation, No Added Capacity		\$1,423,531.19
		Fed. IT Subtotal:	\$1,423,531.19
(17) Construction Engineering			
N/A	(17) Construction Engineering		\$68,111.89
N/A	(17) Construction Engineering		\$904,712.73
N/A	(17) Construction Engineering		\$362,273.72
N/A	(17) Construction Engineering		\$44,160.84
N/A	(17) Construction Engineering		\$386,195.49
N/A	(17) Construction Engineering		\$38,796.51
N/A	(17) Construction Engineering		\$86,400.00
		Fed. IT Subtotal:	\$1,890,651.18
(20) Environmental Only			
N/A	(20) Environmental Only		\$14,087.83
		Fed. IT Subtotal:	\$14,087.83
(43) Utilities			
N/A	(43) Utilities		\$399,116.00
		Fed. IT Subtotal:	\$399,116.00
(44) Other			
N/A	(77) Force Account		\$579.03
N/A	(44) Other		\$1,818.20
		Fed. IT Subtotal:	\$2,397.23

PROJECT ESTIMATE

Estimate Dated: 03/17/2016

Phase Subtotal:	<u>\$54,108,375.91</u>
Grand Total:	<u>\$54,108,375.91</u>

Report Requested by: PMs and Project Finance.
 All dollars exclude indirect costs and represent values entered by project managers in the budget tab (programmed).

Net Change Obl. Adv Const			
Phase	Federal Improvement Type	Net Change Obligate	Net Change Adv. Constr.
Construction	Bridge-New Construction	\$39,610,485.74	\$0.00
Construction	Bridge-Rehabilitation, No Added Capacity	\$1,423,531.19	\$0.00
Construction	Construction Engineering	\$2,028,577.10	\$0.00
Construction	Environmental Only	\$14,087.83	\$0.00
Construction	Other	\$2,579.05	\$0.00
Construction	Road-Reconstruction, Added Capacity	\$12,267,449.46	\$0.00
Construction	Road-Restoration and Rehabilitation	\$1,713,593.00	\$0.00
Construction	Utilities	\$399,116.00	\$0.00

Report Requested by: FHWA and Project Finance.
 Values include indirects. Net change of current estimate less last approved estimate.

Funding Changes						
Fiscal Year	Primary			Indirects		
	Change in Program	Change in Obligation	Change in Advance Construction	Change in Program	Change in Obligation	Change in Advance Construction
Construction						
2010	\$6,317,864.91	\$6,317,864.91	\$0.00	\$81,878.80	\$81,878.80	\$0.00
2011	\$33,095,649.18	\$33,095,649.18	\$0.00	\$3,269,164.66	\$3,269,164.66	\$0.00
2012	\$10,566,719.55	\$10,566,719.55	\$0.00	\$0.00	\$0.00	\$0.00
2013	\$4,127,563.24	\$4,127,563.24	\$0.00	\$0.00	\$0.00	\$0.00
2014	\$579.03	\$579.03	\$0.00	\$0.00	\$0.00	\$0.00
	<u>\$54,108,375.91</u>	<u>\$54,108,375.91</u>	<u>\$0.00</u>	<u>\$3,351,043.46</u>	<u>\$3,351,043.46</u>	<u>\$0.00</u>
Grand Total:	<u>\$54,108,375.91</u>	<u>\$54,108,375.91</u>	<u>\$0.00</u>	<u>\$3,351,043.46</u>	<u>\$3,351,043.46</u>	<u>\$0.00</u>

Report Requested by: Project Finance.

Change Authorization			
	Proposed Amount	Existing Amount	Change
Construction			
Obligated Funds	\$57,459,419.37	\$0.00	\$57,459,419.37
	<u>\$57,459,419.37</u>	<u>\$0.00</u>	<u>\$57,459,419.37</u>
Grand Total:	<u>\$57,459,419.37</u>	<u>\$0.00</u>	<u>\$57,459,419.37</u>

Report Requested by Project Programming for FMIS Comparisons.
 All AC and Obligated funds including indirects along with TTC for both Obligated and AC.

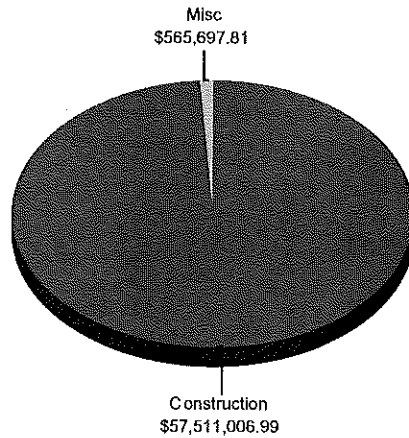
Fed. State Other Allocation						
State Improve. Type	Program Code	Federal with TTC	State	Turnpike Toll Credit	Local	Other
Construction						
Bridge-New Construction	LY20	\$16,029,501.00	\$4,007,375.25	0.00	0.00	\$0.00
Bridge-New Construction	LY90	\$219,646.83	\$0.00	0.00	0.00	\$0.00
Bridge-New Construction	L240	\$0.00	\$4,443,069.29	0.00	0.00	\$0.00
Bridge-New Construction	L240	\$0.00	\$8,808,258.38	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	L240	\$0.00	\$6,071.66	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	L240	\$0.00	\$17,807.00	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	L240	\$0.00	\$1,638,243.16	0.00	0.00	\$0.00
Force Account	L240	\$0.00	\$579.03	0.00	0.00	\$0.00
Bridge-New Construction	L680	\$1,778,400.26	\$444,600.07	0.00	0.00	\$0.00
Bridge-New Construction	LY60	\$2,400,076.92	\$0.00	0.00	0.00	\$0.00
Construction	LY60	\$74,923.08	\$0.00	0.00	0.00	\$0.00
Engineering Construction	LY90	\$995,184.00	\$0.00	0.00	0.00	\$0.00
Engineering Road-Reconstruction, Added Capacity	HY20	\$4,000,000.01	\$1,000,000.00	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	H660	\$4,962,527.01	\$0.00	0.00	0.00	\$0.00
Construction	H660	\$398,501.10	\$0.00	0.00	0.00	\$0.00
Engineering Construction	H660	\$48,576.92	\$0.00	0.00	0.00	\$0.00
Engineering Other	H660	\$2,000.02	\$0.00	0.00	0.00	\$0.00
Bridge-New Construction	L240	\$0.00	\$979,388.89	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	L240	\$0.00	\$634,784.45	0.00	0.00	\$0.00
Road-Restoration and Rehabilitation	L240	\$0.00	\$1,713,593.00	0.00	0.00	\$0.00
Construction	L240	\$0.00	\$386,195.49	0.00	0.00	\$0.00
Engineering Construction	L240	\$0.00	\$38,796.51	0.00	0.00	\$0.00
Engineering Construction	L240	\$0.00	\$86,400.00	0.00	0.00	\$0.00
Engineering Bridge-New Construction	LY90	\$500,168.85	\$0.00	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	L240	\$0.00	\$8,016.17	0.00	0.00	\$0.00

Environmental Only	L240	\$0.00	\$14,087.83	0.00	0.00	\$0.00
Utilities	L240	\$0.00	\$399,116.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, No Added Capacity	L240	\$0.00	\$1,423,531.19	0.00	0.00	\$0.00
		\$31,409,506.00	\$26,049,913.37	0.00	0.00	\$0.00
Grand Total:		\$31,409,506.00	\$26,049,913.37	0.00	0.00	\$0.00

Report Requested by: Project Finance.

Values above as entered into ProMIS by Project Programming. All costs include indirects and are programmed dollars.

Expenditures by Phase (Data Warehouse)



Report Requested by: PMs.

Dollars by Entity

FHWA	Phase	Programmed	Indirects	Total
	Construction	\$28,554,096.66	\$2,855,409.34	\$31,409,506.00
		\$28,554,096.66	\$2,855,409.34	\$31,409,506.00
<hr/>				
NH DOT	Phase	Programmed	Indirects	Total
	Construction	\$25,554,279.25	\$495,634.12	\$26,049,913.37
		\$25,554,279.25	\$495,634.12	\$26,049,913.37
<hr/>				
Grand Total:		\$54,108,375.91	\$3,351,043.46	\$57,459,419.37

Report used to summarize project costs for participating entities such as local governments.

PROJECT ESTIMATE

Estimate Dated:03/17/2016

Program Code		Program Code	Total Cost*	AC Match	Adv. Construction	Federal Funds (Obl withTTC)
Federal IT						
State IT						
Bridge-New Construction						
Bridge-New Construction		LY20	\$20,036,876.25	\$0.00	\$0.00	\$16,029,501.00
Bridge-New Construction		L240	\$14,230,716.56	\$0.00	\$0.00	\$0.00
Bridge-New Construction		LY60	\$2,400,076.92	\$0.00	\$0.00	\$2,400,076.92
Bridge-New Construction		LY90	\$719,815.68	\$0.00	\$0.00	\$719,815.68
Bridge-New Construction		L680	\$2,223,000.33	\$0.00	\$0.00	\$1,778,400.26
			\$39,610,485.74	\$0.00	\$0.00	\$20,927,793.86
Bridge-Rehabilitation, No Added Capacity						
Bridge-Rehabilitation, No Added Capacity		L240	\$1,423,531.19	\$0.00	\$0.00	\$0.00
			\$1,423,531.19	\$0.00	\$0.00	\$0.00
Construction Engineering						
Construction Engineering		H660	\$447,078.02	\$0.00	\$0.00	\$447,078.02
Construction Engineering		L240	\$511,392.00	\$0.00	\$0.00	\$0.00
Construction Engineering		LY60	\$74,923.08	\$0.00	\$0.00	\$74,923.08
Construction Engineering		LY90	\$995,184.00	\$0.00	\$0.00	\$995,184.00
			\$2,028,577.10	\$0.00	\$0.00	\$1,517,185.10
Environmental Only						
Environmental Only		L240	\$14,087.83	\$0.00	\$0.00	\$0.00
			\$14,087.83	\$0.00	\$0.00	\$0.00
Other						
Force Account		L240	\$579.03	\$0.00	\$0.00	\$0.00
Other		H660	\$2,000.02	\$0.00	\$0.00	\$2,000.02
			\$2,579.05	\$0.00	\$0.00	\$2,000.02
Road-Reconstruction, Added Capacity						
Road-Reconstruction, Added Capacity		HY20	\$5,000,000.01	\$0.00	\$0.00	\$4,000,000.01
Road-Reconstruction, Added Capacity		H660	\$4,962,527.01	\$0.00	\$0.00	\$4,962,527.01
Road-Reconstruction, Added Capacity		L240	\$2,304,922.44	\$0.00	\$0.00	\$0.00
			\$12,267,449.46	\$0.00	\$0.00	\$8,962,527.02
Road-Restoration and Rehabilitation						
Road-Restoration and Rehabilitation		L240	\$1,713,593.00	\$0.00	\$0.00	\$0.00
			\$1,713,593.00	\$0.00	\$0.00	\$0.00
Utilities						
Utilities		L240	\$399,116.00	\$0.00	\$0.00	\$0.00
			\$399,116.00	\$0.00	\$0.00	\$0.00
Grand Total			\$57,459,419.37	\$0.00	\$0.00	\$31,409,506.00

Report used for FMIS verification.

* Includes all AC and Obligate costs including all matches.

Approval

Initial Review

Bureau	Sent To	Signed By	Date	Comments
Highway Design	Keith Cota	Wendy Johnson	03/17/2016	
	Routed On 03/17/2016	By Wendy Johnson		
	Completed On 03/17/2016			

Project Finance

Work Started On 03/18/2016	By Joan Castellano
Review Completed On 03/25/2016	By Joan Castellano

FHWA

Reviewed FHWA On 05/05/2016	By KARIM NAJI
Recommended FHWA On 05/05/2016	By KARIM NAJI
Authorized FHWA On 05/13/2016	By Karen Damiani

Project Number 11238M / ---
Project Name / Road NEWINGTON - DOVER, NH 16 / US 4 / SPLDG TPK
Project Manager Keith Cota
PM Auth. Phases Construction
Type Based on Bids (Rev. Project Agreement)

Project Dates

Ad Information		Other Dates	
Ad Date	05/29/2012	On Shelf	---
Post to Ad Schedule	No	Project Start	01/01/2012
Ad Date Explanation	N/A, the project already advertised.	Project End	05/27/2017
Last Approved Estimate		Days to Approve	
Dated	10/09/2015	Routees	5 days
Type	Based on Bids (Rev. Project Agreement)	Project Finance	0 days
		FHWA	---

Project Details

Estimate Type	Based on Bids (Rev. Project Agreeeme	Mode	Highway/Bridge
Bureau Type	Highway Design	Work Zone	Not Specified
Relationship	Child	Is Reg. Sig.	Yes
Parent	11238	Project Status	Planned
Managed By	DOT		
Town(s)	Dover, Newington		
Team List	Bob Landry; Charles Blackman; David Smith; Peter Salo; Wendy Johnson		
Accounting Units	3025:HIGHWAY DESIGN BUREAU; 7514:SPAULDING TPK - US4 - NH16		
Work Series	200		
Bridges	018501030012400 Newington - 103/124		
Alternate References	---		
Advertises With	---		
Investment	Modification 40%; Expansion 60%;		

Project Description
Spaulding Turnpike (NH Rte 16) Mainline Roadway Approach Reconstruction in Newington

Project Scope
NH 16 / US 4 / SPLDG TPK, EXIT 3 & 4 INTERCHANGE CONSTRUCTION AND MAINLINE TURNPIKE CONSTRUCTION [PARENT = N-D 11238]

Estimate Description
<p>PE: N/A</p> <p>ROW: N/A</p> <p>CONST: Reduced by \$3,500,000.</p> <p>This estimate reduces Construction funds in the amount of \$3,500,000 (from \$50,995,491.68 to \$47,495,491.68). This is a result of realizing efficiencies during the construction of this project.</p>

Funding Instructions
<p>This proj is funded by the Tpk Cap Prog. PE & ROW are charged to N-D 11238.</p> <p>PE for Haz Mat Service in the amount of \$4,222.74 by ATC CA #40006666, Auth. #A1059, \$41,727.36 by ATC CA #4003933, Auth #A1317, \$10,270.07 by ATC CA #4003933, Auth #A1318, \$10,004.83 for ATC CA #4003933, Auth #A1341, \$4,839.43 for ATC CA #4003933, Auth #A</p> <p>Income of \$73,674.26 (\$95,995.79-\$22,321.53 for RSA 228:22) from Newing. Sewer & \$346,110.95 (\$454,056.90 -\$56,960.00 (for Des. Eng.) -\$45,078.50 (for Const. Services) -\$5,907.45 for RSA 228:22) from Ports. Water</p> <p>DUNS # for the State of NH is #808591697</p> <p>Improve: Utils: -Granite State Gas Trans. \$51,732.54 Pipe relo -Ports. Wat \$412,779.00 (Non-Par) + 10% CE (\$41,277.90) = \$454,056.70 -Newing Sew \$87,268.90 (Non-Par) + 10% CE (\$8,726.89) = \$95,995.79 -Ports. Water \$315,130.50 + 10% CE (\$31,513.05) = \$346,643.55 -Newing Sewer \$4,200 + 10% CE (\$420) = \$4,620.00 Force Accounts: M&N Gas \$2,987,453; PSNH Lighting \$132,873.80; PSNH Trans \$483,100; NHDOT Bur. of Traf \$5,000; Pro. Brdg = new brdg #114/107 Woodbury Ave const cost = \$5,201,659.40 Brdg #112/107 to be removed Enpro Haz Mat clean up = \$146,602.50+\$232,546</p>

PROJECT ESTIMATE

Estimate Dated:09/19/2016

Project Total				
Construction	Proposed Amount	Existing Amount	Change	Indirect Dollars
NON-PAR (other)				
2013	\$550,052.69	\$550,052.69	\$0.00	\$0.00
TPK *				
2012	\$2,987,453.00	\$2,987,453.00	\$0.00	\$0.00
2013	\$11,078,547.94	\$11,078,547.94	\$0.00	\$0.00
2014	\$19,956,005.90	\$23,456,005.90	\$(3,500,000.00)	\$0.00
2015	\$11,854,622.72	\$11,854,622.72	\$0.00	\$0.00
2016	\$1,068,809.43	\$1,068,809.43	\$0.00	\$0.00
Subtotal	<u>\$47,495,491.68</u>	<u>\$50,995,491.68</u>	<u>\$(3,500,000.00)</u>	<u>\$0.00</u>
Grand Total:	<u><u>\$47,495,491.68</u></u>	<u><u>\$50,995,491.68</u></u>	<u><u>\$(3,500,000.00)</u></u>	<u><u>\$0.00</u></u>

Report Requested by: PMs and Project Finance.

Vendors				
AJ COLEMAN & SON INC	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; RD (\$35,829,882.50); Woodbury Bridge (\$4,834,112.65); Shattuck Bridge (\$914,636.60); Railway Brook (\$757,382.30); NonPar Water (\$412,779); NonPar Sewer (\$87,268.90); Par Water (\$315,130.50); Par Sewer (\$4,200)+ CO (\$848,878.30)	Construction	\$40,504,270.75	\$44,004,270.75	\$(3,500,000.00)
	Sub Total	\$40,504,270.75	\$44,004,270.75	\$(3,500,000.00)
ATC Associates	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; ATC Exit 4 Haz waste	Construction	\$41,727.36	\$41,727.36	\$0.00
N/A; N/A; ATC Associates, Inc - Hazardous Waste	Construction	\$4,222.74	\$4,222.74	\$0.00
	Sub Total	\$45,950.10	\$45,950.10	\$0.00
Cardno ATC	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; ATC Exit 4 Haz waste investigation for Newington Country Store	Construction	\$10,270.07	\$10,270.07	\$0.00
N/A; N/A; ATC Exit 4 Haz waste well installation and monitoring Newington Country Store	Construction	\$10,004.83	\$10,004.83	\$0.00
N/A; N/A; Test Pits, sampling, technical work at BMP 1547	Construction	\$4,839.43	\$4,839.43	\$0.00
	Sub Total	\$25,114.33	\$25,114.33	\$0.00
Enpro Services Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Enpro Exit 4 Haz waste	Construction	\$232,546.00	\$232,546.00	\$0.00
N/A; N/A; Enpro Hazardous Waste removal	Construction	\$146,602.50	\$146,602.50	\$0.00
	Sub Total	\$379,148.50	\$379,148.50	\$0.00
GRANITE STATE GAS TRANSMISSION	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Granite State Gas Transmission, Inc. for Arboretum Drive pipe relocation	Construction	\$51,732.54	\$51,732.54	\$0.00
	Sub Total	\$51,732.54	\$51,732.54	\$0.00
Greenman-Pedersen Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Construction Engineering	Construction	\$298,653.73	\$298,653.73	\$0.00

PROJECT ESTIMATE

Estimate Dated:09/19/2016

	Sub Total	\$298,653.73	\$298,653.73	\$0.00
Hoyle Tanner & Associates Inc	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Construction Engineering	Construction	\$287,483.79	\$287,483.79	\$0.00
	Sub Total	\$287,483.79	\$287,483.79	\$0.00
Hrv Conformance Verification	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Woodbury Steel Inspection - Weld Inspection	Construction	\$8,000.00	\$8,000.00	\$0.00
	Sub Total	\$8,000.00	\$8,000.00	\$0.00
NHDOT	Phase	Proposed Amount	Existing Amount	Change
M&N Gas; N/A; M&N Operating Co LLC - Gas	Construction	\$2,987,453.00	\$2,987,453.00	\$0.00
N/A; N/A; State of NH - Bureau of Traffic (Signs & Markings)	Construction	\$5,000.00	\$5,000.00	\$0.00
N/A; N/A; CE Non Par (Water \$41,277.90; sewer \$8,726.89)	Construction	\$50,004.79	\$50,004.79	\$0.00
N/A; N/A; Woodbury Ave Bridge Inspections (\$70,000 Steel; \$7,500 Pre-Cast)	Construction	\$19,500.00	\$19,500.00	\$0.00
N/A; N/A; Roadway Inspections (\$5,000 Concrete; \$8,000 OHSS)	Construction	\$13,000.00	\$13,000.00	\$0.00
N/A; N/A; CE - Consultant CE = (Roadway \$2,143,042.95; Woodbury \$290,046.75; Shattuck \$54,878.19; Railway Brook \$45,442.93; Par Water \$31,513.05; Par Sewer \$420) - (HTA + GPI)	Construction	\$2,154,206.35	\$2,154,206.35	\$0.00
	Sub Total	\$5,229,164.14	\$5,229,164.14	\$0.00
Public Service Co Of Nh	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; PSNH (Lighting \$113,057+\$19,816.80)	Construction	\$132,873.80	\$132,873.80	\$0.00
N/A; N/A; PSNH (Transmission)	Construction	\$483,100.00	\$483,100.00	\$0.00
	Sub Total	\$615,973.80	\$615,973.80	\$0.00
TRC Environmental Corp	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Woodbury Steel Inspection - Weld Inspection	Construction	\$50,000.00	\$50,000.00	\$0.00
	Sub Total	\$50,000.00	\$50,000.00	\$0.00
	Grand Total	\$47,495,491.68	\$50,995,491.68	\$-3,500,000.00

Report Requested by: PMs.

All dollars exclude indirect costs and represent values entered by PMs in the vendor table.

Improvement Type			
Phase			
Federal IT			
Bridge NBI #	State Improvement Type		Amount
Construction			
(03) Road-Reconstruction, Added Capacity			
N/A	(3) Road-Reconstruction, Added Capacity		\$1,308,328.66
N/A	(3) Road-Reconstruction, Added Capacity		\$11,065,547.94
N/A	(3) Road-Reconstruction, Added Capacity		\$19,956,005.90
N/A	(3) Road-Reconstruction, Added Capacity		\$848,878.30
		Fed. IT Subtotal:	\$33,178,760.80
(08) Bridge-New Construction			
N/A	(8) Bridge-New Construction		\$4,834,112.65
N/A	(53) Bridge-New Const-Steel Insp		\$77,500.00
		Fed. IT Subtotal:	\$4,911,612.65
(13) Bridge-Rehabilitation, Added Capacity			
018501030012400	(13) Bridge-Rehabilitation, Added Capacity		\$914,636.60
		Fed. IT Subtotal:	\$914,636.60
(17) Construction Engineering			
N/A	(17) Construction Engineering		\$50,004.79
018501030012400	(17) Construction Engineering		\$54,878.19
N/A	(17) Construction Engineering		\$1,962,932.33
N/A	(17) Construction Engineering		\$175,000.00
N/A	(17) Construction Engineering		\$547,533.35
		Fed. IT Subtotal:	\$2,790,348.66
(20) Environmental Only			
N/A	(20) Environmental Only		\$25,114.33
N/A	(20) Environmental Only		\$425,098.60
		Fed. IT Subtotal:	\$450,212.93
(37) Mitigation of Water Pollution Due To Highway Runoff			
N/A	(37) Mitigation of Water Pollution Due To Highway Runoff		\$757,382.30
		Fed. IT Subtotal:	\$757,382.30
(43) Utilities			
N/A	(43) Utilities		\$500,047.90
N/A	(43) Utilities		\$319,330.50
N/A	(43) Utilities		\$19,816.80
		Fed. IT Subtotal:	\$839,195.20
(44) Other			
N/A	(77) Force Account		\$3,640,342.54
N/A	(60) Inspection - Concrete (non-bridge)		\$5,000.00
N/A	(61) Inspection - Steel (non-bridge)		\$8,000.00
		Fed. IT Subtotal:	\$3,653,342.54
		Phase Subtotal:	\$47,495,491.68
Grand Total:			\$47,495,491.68

Report Requested by: PMs and Project Finance.

All dollars exclude indirect costs and represent values entered by project managers in the budget tab (programmed).

PROJECT ESTIMATE

Estimate Dated:09/19/2016

Net Change Obl. Adv Const			
Phase	Federal Improvement Type	Net Change Obligate	Net Change Adv. Constr.
Report Requested by: FHWA and Project Finance.			
Values include indirects. Net change of current estimate less last approved estimate.			

Funding Changes						
Fiscal Year	Primary			Indirects		
	Change in Program	Change in Obligation	Change in Advance Construction	Change in Program	Change in Obligation	Change in Advance Construction
Grand Total:						
Report Requested by: Project Finance.						

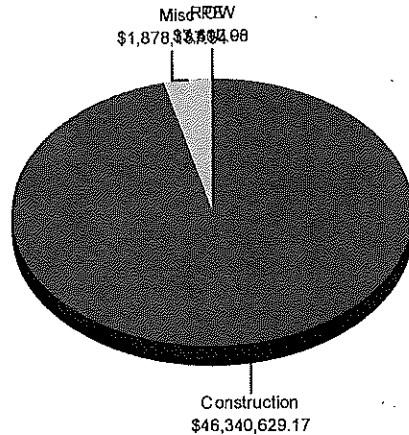
Change Authorization			
	Proposed Amount	Existing Amount	Change
Construction			
Obligated Funds	\$47,495,491.68	\$50,995,491.68	\$-3,500,000.00
	<u>\$47,495,491.68</u>	<u>\$50,995,491.68</u>	<u>\$-3,500,000.00</u>
Grand Total:	<u>\$47,495,491.68</u>	<u>\$50,995,491.68</u>	<u>\$-3,500,000.00</u>
Report Requested by Project Programming for FMIS Comparisons.			
All AC and Obligated funds including indirects along with TTC for both Obligated and AC.			

Fed. State Other Allocation						
State Improve. Type	Program Code	Federal with TTC	State	Turnpike Toll Credit	Local	Other
Construction						
Force Account	0100	\$0.00	\$3,640,342.54	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$848,878.30	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$19,956,005.90	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$11,065,547.94	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$1,308,328.66	0.00	0.00	\$0.00
Bridge-New Construction	0100	\$0.00	\$4,834,112.65	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$914,636.60	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$547,533.35	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$50,004.79	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$175,000.00	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$1,962,932.33	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$54,878.19	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$425,098.60	0.00	0.00	\$0.00
Environmental Only	0100	\$0.00	\$25,114.33	0.00	0.00	\$0.00
Mitigation of Water Pollution Due To Highway Runoff	0100	\$0.00	\$757,382.30	0.00	0.00	\$0.00
Utilities	0100	\$0.00	\$19,816.80	0.00	0.00	\$0.00
Utilities	0100	\$0.00	\$500,047.90	0.00	0.00	\$0.00
Utilities	0100	\$0.00	\$319,330.50	0.00	0.00	\$0.00
Bridge-New Const-Steel Insp	0100	\$0.00	\$77,500.00	0.00	0.00	\$0.00
Inspection - Concrete (non-bridge)	0100	\$0.00	\$5,000.00	0.00	0.00	\$0.00
Inspection - Steel (non-bridge)	0100	\$0.00	\$8,000.00	0.00	0.00	\$0.00
Grand Total:		\$0.00	\$47,495,491.68	0.00	0.00	\$0.00

Report Requested by: Project Finance.

Values above as entered into ProMIS by Project Programming. All costs include indirects and are programmed dollars.

Expenditures by Phase (Data Warehouse)



Report Requested by: PMs.

Dollars by Entity

NH DOT	Phase	Programmed	Indirects	Total
	Construction	\$47,495,491.68	\$0:00	\$47,495,491.68
		<u>\$47,495,491.68</u>	<u>\$0.00</u>	<u>\$47,495,491.68</u>
Grand Total:		<u>\$47,495,491.68</u>	<u>\$0.00</u>	<u>\$47,495,491.68</u>

Report used to summarize project costs for participating entities such as local governments.

PROJECT ESTIMATE

Estimate Dated:09/19/2016

Program Code		Program Code	Total Cost*	AC Match	Adv. Construction	Federal Funds (Obl withTTC)
Federal IT						
State IT						
Bridge-New Construction						
		0100	\$4,834,112.65	\$0.00	\$0.00	\$0.00
		0100	\$77,500.00	\$0.00	\$0.00	\$0.00
			\$4,911,612.65	\$0.00	\$0.00	\$0.00
Bridge-Rehabilitation, Added Capacity						
		0100	\$914,636.60	\$0.00	\$0.00	\$0.00
			\$914,636.60	\$0.00	\$0.00	\$0.00
Construction Engineering						
		0100	\$2,790,348.66	\$0.00	\$0.00	\$0.00
			\$2,790,348.66	\$0.00	\$0.00	\$0.00
Environmental Only						
		0100	\$450,212.93	\$0.00	\$0.00	\$0.00
			\$450,212.93	\$0.00	\$0.00	\$0.00
Mitigation of Water Pollution Due To Highway Runoff						
		0100	\$757,382.30	\$0.00	\$0.00	\$0.00
			\$757,382.30	\$0.00	\$0.00	\$0.00
Other						
		0100	\$3,640,342.54	\$0.00	\$0.00	\$0.00
		0100	\$5,000.00	\$0.00	\$0.00	\$0.00
		0100	\$8,000.00	\$0.00	\$0.00	\$0.00
			\$3,653,342.54	\$0.00	\$0.00	\$0.00
Road-Reconstruction, Added Capacity						
		0100	\$33,178,760.80	\$0.00	\$0.00	\$0.00
			\$33,178,760.80	\$0.00	\$0.00	\$0.00
Utilities						
		0100	\$839,195.20	\$0.00	\$0.00	\$0.00
			\$839,195.20	\$0.00	\$0.00	\$0.00
		Grand Total	\$47,495,491.68	\$0.00	\$0.00	\$0.00

Report used for FMIS verification.

* Includes all AC and Obligate costs including all matches.

Approval

Initial Review

Bureau	Sent To	Signed By	Date	Comments
Highway Design	Keith Cota	Keith Cota	09/19/2016	
Turnpikes	David Smith	David Smith	09/14/2016	
	Routed On 09/14/2016	By Charles Blackman		
	Completed On 09/19/2016			

Project Finance

Work Started On 09/19/2016	By Kate Dovens
Review Completed On 09/19/2016	By ---

FHWA

Reviewed FHWA On ---	By ---
Recommended FHWA On ---	By ---
Authorized FHWA On ---	By ---

Project Number 112380 / ---
 Project Name / Road NEWINGTON - DOVER, NH 16 / US 4 / SPLDG TPK
 Project Manager Keith Cota
 PM Auth. Phases Construction
 Type Revised Based on Bids

Project Dates

Ad Information

Ad Date 09/23/2014
 Post to Ad Schedule Yes
 Ad Date Explanation Construction schedule

Other Dates

On Shelf ---
 Project Start 11/12/2014
 Project End 11/30/2018

Last Approved Estimate

Dated 05/17/2017
 Type Revised Based on Bids

Days to Approve

Routees 2 days
 Project Finance 0 days
 FHWA ---

Project Details

Estimate Type	Revised Based on Bids	Mode	Highway/Bridge
Bureau Type	Highway Design	Work Zone	Significant
Relationship	Child	Is Reg. Sig.	Yes
Parent	11238	Project Status	Planned

Managed By DOT

Town(s) Dover, Newington

Team List Bob Landry; Charles Blackman; David Smith; Peter Salo; Wendy Johnson

Accounting Units 3025:HIGHWAY DESIGN BUREAU; 7022: ADMINISTRATION & SUPPORT; 7514:SPAULDING TPK - US4 - NH16

Work Series 200

Bridges 006502010002400 Dover - 201/024, 006502010002500 Dover - 201/025

Alternate References ---

Advertises With ---

Investment Modification 100%;

Project Description
NH 16 / US 4 SPLDG TPK, Rehabilitate the existing Little Bay Bridges

Project Scope
REHABILITATION OF EXISTING LITTLE BAY BRIDGE [PARENT N-D 11238]

Estimate Description
This estimate requests the following: PE: No change ROW: No change CON: Authorization/obligation of FY 2018 funding

Funding Instructions
PE and ROW are charged to the Newington-Dover 11238 project. Construction - 100% Turnpikes Bridge #201/024 is NB NH 16 over Little Bay Bridge #201/025 is SB NH 16 over Little Bay The DUNS number for NHDOT is #808591697 This estimate increases Statewide Services under HRV Conformance Verification Associates, Inc. for steel fabrication oversight in the amount of \$2000 and decreases State CE fro Steel Inspection by equal amount. The total construction funds in the amount of \$21,877,885.59 remains unchange.

Project Total				
Construction	Proposed Amount	Existing Amount	Change	Indirect Dollars
NON-PAR (other)				
2017	\$28,210.60	\$28,210.60	\$0.00	\$0.00
TPK *				
2015	\$6,000,000.00	\$6,000,000.00	\$0.00	\$0.00
2016	\$6,000,000.00	\$6,000,000.00	\$0.00	\$0.00
2017	\$6,000,000.00	\$6,000,000.00	\$0.00	\$0.00
2018	\$3,849,674.99	\$3,849,674.99	\$0.00	\$0.00
Subtotal	\$21,877,885.59	\$21,877,885.59	\$0.00	\$0.00
Grand Total:	\$21,877,885.59	\$21,877,885.59	\$0.00	\$0.00
Report Requested by: PMs and Project Finance.				

Vendors				
ASTI Transportation Sysms Inc				
N/A; N/A; Smart Work Zone software page and interface	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$3,675.00	\$3,675.00	\$0.00
	Sub Total	\$3,675.00	\$3,675.00	\$0.00
Hrv Conformance Verification				
N/A; N/A; Testing (Field - saw cut @ \$1,500 and cracks @ \$5,000)	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$14,500.00	\$14,500.00	\$0.00
HRV Conformance Verification; N/A; Welding inspection	Construction	\$2,000.00	\$2,000.00	\$0.00
	Sub Total	\$16,500.00	\$16,500.00	\$0.00
Kta-Tator Inc				
N/A; N/A; Bridge Paint Inspection	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$10,000.00	\$10,000.00	\$0.00
	Sub Total	\$10,000.00	\$10,000.00	\$0.00
NHDOT				
N/A; N/A; Construction Engineering (TPK) RD = \$50,199.81; Bridge 201/024 = \$584,733.58; Bridge 201/025 = \$584,733.59- PB \$6,717.04- PB \$519.40)	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$1,212,430.54	\$1,212,430.54	\$0.00
N/A; N/A; Inspections (Steel \$100,000; Paint \$100,000; Precast \$7,500 -\$70k for TUV -\$7k for TRC - \$6,500 for HRV-\$10,000 for KTA-Tator)	Construction	\$104,000.00	\$104,000.00	\$0.00
N/A; N/A; Construction Engineering (Non Par)	Construction	\$2,564.60	\$2,564.60	\$0.00
	Sub Total	\$1,318,995.14	\$1,318,995.14	\$0.00
Parsons Brinckerhoff Inc				
N/A; N/A; Consultant Construction Services	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$7,236.44	\$7,236.44	\$0.00
	Sub Total	\$7,236.44	\$7,236.44	\$0.00
Rs Audley Inc				
N/A; N/A; Roadway (\$836,663.50) and Bridge (\$19,491,119.51+\$91,050)	Phase	Proposed Amount	Existing Amount	Change
	Construction	\$20,418,833.01	\$20,418,833.01	\$0.00
N/A; N/A; Non-Par - Utilities	Construction	\$25,646.00	\$25,646.00	\$0.00
	Sub Total	\$20,444,479.01	\$20,444,479.01	\$0.00
TRC ENVIRONMENTAL CORPORATI				
	Phase	Proposed Amount	Existing Amount	Change

PROJECT ESTIMATE

Estimate Dated:11/03/2017

N/A; N/A; Weld Inspection	Construction	\$7,000.00	\$7,000.00	\$0.00
Sub Total		\$7,000.00	\$7,000.00	\$0.00
TUV Rheinland Industrial Solut	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Steel Inspection	Construction	\$70,000.00	\$70,000.00	\$0.00
Sub Total		\$70,000.00	\$70,000.00	\$0.00
Grand Total		\$21,877,885.59	\$21,877,885.59	\$0.00

Report Requested by: PMs.

All dollars exclude indirect costs and represent values entered by PMs in the vendor table.

Improvement Type			
Phase			
Federal IT			
Bridge NBI #	State Improvement Type		Amount
Construction			
(03) Road-Reconstruction, Added Capacity			
N/A	(3) Road-Reconstruction, Added Capacity		\$836,663.50
			Fed. IT Subtotal: \$836,663.50
(13) Bridge-Rehabilitation, Added Capacity			
006502010002400	(13) Bridge-Rehabilitation, Added Capacity		\$1,866,247.26
006502010002400	(13) Bridge-Rehabilitation, Added Capacity		\$3,000,000.00
006502010002500	(13) Bridge-Rehabilitation, Added Capacity		\$3,000,000.00
006502010002400	(13) Bridge-Rehabilitation, Added Capacity		\$3,000,000.00
006502010002500	(13) Bridge-Rehabilitation, Added Capacity		\$3,000,000.00
006502010002400	(13) Bridge-Rehabilitation, Added Capacity		\$1,924,837.50
006502010002500	(13) Bridge-Rehabilitation, Added Capacity		\$1,924,837.49
006502010002500	(13) Bridge-Rehabilitation, Added Capacity		\$1,866,247.26
006502010002400	(55) Bridge-Rehab, Added Capacity-Steel Insp		\$100,000.00
006502010002500	(55) Bridge-Rehab, Added Capacity-Steel Insp		\$100,000.00
006502010002500	(54) Bridge-Rehab, Added Capacity -Concrete Insp		\$3,750.00
006502010002400	(54) Bridge-Rehab, Added Capacity -Concrete Insp		\$3,750.00
			Fed. IT Subtotal: \$19,789,669.51
(17) Construction Engineering			
N/A	(17) Construction Engineering		\$2,564.60
N/A	(17) Construction Engineering		\$50,199.81
006502010002400	(17) Construction Engineering		\$584,733.58
006502010002500	(17) Construction Engineering		\$584,733.59
			Fed. IT Subtotal: \$1,222,231.58
(43) Utilities			
N/A	(43) Utilities		\$25,646.00
			Fed. IT Subtotal: \$25,646.00
(44) Other			
N/A	(44) Other		\$3,675.00
			Fed. IT Subtotal: \$3,675.00
			Phase Subtotal: \$21,877,885.59
Grand Total:			\$21,877,885.59

Report Requested by: PMs and Project Finance.

All dollars exclude indirect costs and represent values entered by project managers in the budget tab (programmed).

Net Change Obl. Adv Const			
Phase	Federal Improvement Type	Net Change Obligate	Net Change Adv. Constr.
Report Requested by: FHWA and Project Finance.			
Values include indirects. Net change of current estimate less last approved estimate.			

Funding Changes						
Fiscal Year	Primary			Indirects		
	Change in Program	Change in Obligation	Change in Advance Construction	Change in Program	Change in Obligation	Change in Advance Construction
Construction						
2018	\$0.00	\$3,849,674.99	\$-3,849,674.99	\$0.00	\$0.00	\$0.00
	<u>\$0.00</u>	<u>\$3,849,674.99</u>	<u>\$-3,849,674.99</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Grand Total:	<u>\$0.00</u>	<u>\$3,849,674.99</u>	<u>\$-3,849,674.99</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>

Report Requested by: Project Finance.

Change Authorization			
	Proposed Amount	Existing Amount	Change
Construction			
Advanced Funds	\$0.00	\$3,849,674.99	\$-3,849,674.99
Obligated Funds	<u>\$21,877,885.59</u>	<u>\$18,028,210.60</u>	<u>\$3,849,674.99</u>
Grand Total:	<u>\$21,877,885.59</u>	<u>\$21,877,885.59</u>	<u>\$0.00</u>

Report Requested by Project Programming for FMIS Comparisons.
 All AC and Obligated funds including indirects along with TTC for both Obligated and AC.

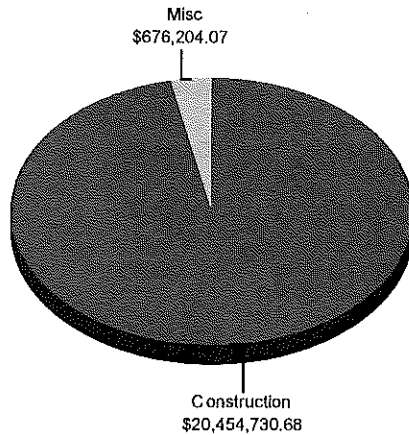
PROJECT ESTIMATE

Estimate Dated:11/03/2017

Fed. State Other Allocation						
State Improve. Type	Program Code	Federal with TTC	State	Turnpike Toll Credit	Local	Other
Construction						
Road-Reconstruction, Added Capacity	0100	\$0.00	\$836,663.50	0.00	0.00	\$0.00
Bridge-Rehab, Added Capacity-Steel Insp	0100	\$0.00	\$100,000.00	0.00	0.00	\$0.00
Construction Engineering	0100	\$0.00	\$2,564.60	0.00	0.00	\$0.00
Bridge-Rehab, Added Capacity -Concrete Insp	0100	\$0.00	\$3,750.00	0.00	0.00	\$0.00
Bridge-Rehab, Added Capacity -Concrete Insp	0100	\$0.00	\$3,750.00	0.00	0.00	\$0.00
Construction Engineering	0100	\$0.00	\$50,199.81	0.00	0.00	\$0.00
Construction Engineering	0100	\$0.00	\$584,733.58	0.00	0.00	\$0.00
Construction Engineering	0100	\$0.00	\$584,733.59	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$1,866,247.26	0.00	0.00	\$0.00
Bridge-Rehab, Added Capacity-Steel Insp	0100	\$0.00	\$100,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$3,000,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$3,000,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$3,000,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$3,000,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$1,924,837.50	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$1,924,837.49	0.00	0.00	\$0.00
Other	0100	\$0.00	\$3,675.00	0.00	0.00	\$0.00
Utilities	0100	\$0.00	\$25,646.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$1,866,247.26	0.00	0.00	\$0.00
		\$0.00	\$21,877,885.59	0.00	0.00	\$0.00
Grand Total:		\$0.00	\$21,877,885.59	0.00	0.00	\$0.00

Report Requested by: Project Finance.
 Values above as entered into ProMIS by Project Programming. All costs include indirects and are programmed dollars.

Expenditures by Phase (Data Warehouse)



Report Requested by: PMs.

Dollars by Entity

NH DOT	Phase	Programmed	Indirects	Total
	Construction	\$21,877,885.59	\$0.00	\$21,877,885.59
		<u>\$21,877,885.59</u>	<u>\$0.00</u>	<u>\$21,877,885.59</u>
Grand Total:		<u>\$21,877,885.59</u>	<u>\$0.00</u>	<u>\$21,877,885.59</u>

Report used to summarize project costs for participating entities such as local governments.

PROJECT ESTIMATE

Estimate Dated:11/03/2017

Program Code		Program Code	Total Cost*	AC Match	Adv. Construction	Federal Funds (Obl withTTC)
Federal IT						
State IT						
Bridge-Rehabilitation, Added Capacity						
Bridge-Rehab, Added Capacity		0100	\$7,500.00	\$0.00	\$0.00	\$0.00
-Concrete Insp						
Bridge-Rehab, Added Capacity-Steel		0100	\$200,000.00	\$0.00	\$0.00	\$0.00
Insp						
Bridge-Rehabilitation, Added Capacity		0100	\$19,582,169.51	\$0.00	\$0.00	\$0.00
			\$19,789,669.51	\$0.00	\$0.00	\$0.00
Construction Engineering						
Construction Engineering		0100	\$1,222,231.58	\$0.00	\$0.00	\$0.00
			\$1,222,231.58	\$0.00	\$0.00	\$0.00
Other						
Other		0100	\$3,675.00	\$0.00	\$0.00	\$0.00
			\$3,675.00	\$0.00	\$0.00	\$0.00
Road-Reconstruction, Added Capacity						
Road-Reconstruction, Added Capacity		0100	\$836,663.50	\$0.00	\$0.00	\$0.00
			\$836,663.50	\$0.00	\$0.00	\$0.00
Utilities						
Utilities		0100	\$25,646.00	\$0.00	\$0.00	\$0.00
			\$25,646.00	\$0.00	\$0.00	\$0.00
Grand Total			\$21,877,885.59	\$0.00	\$0.00	\$0.00

Report used for FMIS verification.

* Includes all AC and Obligate costs including all matches.

Approval

Initial Review

Bureau	Sent To	Signed By	Date	Comments
Highway Design	Keith Cota	David Smith	11/03/2017	
	Routed On 11/01/2017	By David Smith		
	Completed On 11/03/2017			

Project Finance

Work Started On 11/03/2017	By Joan Castellano
Review Completed On 11/03/2017	By ---

FHWA

Reviewed FHWA On ---	By ---
Recommended FHWA On ---	By ---
Authorized FHWA On ---	By ---

Project Number 11238Q / ---
Project Name / Road NEWINGTON - DOVER, NH 16, US 4 & SPAULDING TURNPIKE
Project Manager Keith Cota
PM Auth. Phases Construction
Type Revised Based on Bids

Project Dates

Ad Information

Ad Date 05/24/2016
Post to Ad Schedule Yes
Ad Date Explanation N/A

Other Dates

On Shelf ---
Project Start 09/22/2014
Project End 12/31/2022

Last Approved Estimate

Dated 03/23/2017
Type Revised Based on Bids

Days to Approve

Routees 0 days
Project Finance 0 days
FHWA ---

Project Details

Estimate Type	Revised Based on Bids	Mode	Highway/Bridge
Bureau Type	Highway Design	Work Zone	Significant
Relationship	Child	Is Reg. Sig.	Yes
Parent	11238	Project Status	Active
Managed By	DOT		
Town(s)	Dover, Newington		
Team List	Bob Landry; Charles Blackman; David Smith; Jarrett Roseboom		
Accounting Units	3035:CONSTRUCTION BUREAU; 7022: ADMINISTRATION & SUPPORT; 7514:SPAULDING TPK - US4 - NH16		
Work Series	200		
Bridges	006501740003400 Dover - 174/034, 006501810003900 Dover - 181/039		
Alternate References	---		
Advertises With	---		
Investment	Modification 40%; Expansion 60%;		

Project Description

Reconstruct Spaulding Tpk from LBB to Dover Toll Booth & Exit 6 interchange (incl. new soundwalls)

Project Scope

NH 16, US 4 & SPAULDING TURNPIKE, EXIT 6 INTERCHANGE AND MAINLINE TURNPIKE CONSTRUCTION, INCLUDING SOUNDWALLS (PARENT N-D 11238)

Estimate Description

*** This Estimate was updated for the TYP and Inflation ***

PE: N/A
 ROW: N/A
 CON: No change

The purpose of this estimate is to add ASTI vendor for construction services (ITS) and to decrease State CE by an equal amount.

Funding Instructions

Construction funding for this project is provided for by the Turnpike Capital Program under accounting unit 7514 class 400. The estimate includes force account reimbursement to the City of Dover for Participating water CE inspection costs of \$62,823.00.

PE and ROW are charged to the Newington-Dover 11238 project.

Non-Par income from the City of Dover for water and sewer work in the amount of \$3,283,029.35. This total includes CE of 5% (\$178,025.40) and indirect costs of 10% (\$373,853.34). The total amount will be distributed 2/3 (\$2,188,686.23) in SFY 2017 and 1/3 (\$1,094,343.12) in SFY 2018.

Non-Par income of \$330,719.10 (City of Dover for water work (\$355,601.40-\$24,882.30 trench & backfill reimbursement))

Non-Par income of \$2,952,310.25 (City of Dover for sewer work (\$3,756,785.34 - \$804,475.09 trench & backfill reimbursement))

Project Total

Construction	Proposed Amount	Existing Amount	Change	Indirect Dollars
NON-PAR (other)				
2017	\$2,307,369.84	\$2,307,369.84	\$0.00	\$0.00
2018	\$1,431,163.56	\$1,431,163.56	\$0.00	\$0.00
TPK *				
2017	\$9,824,123.76	\$9,824,123.76	\$0.00	\$0.00
2018	\$14,883,124.74	\$14,883,124.74	\$0.00	\$0.00
2019	\$16,314,288.30	\$16,314,288.30	\$0.00	\$0.00
2020	\$16,314,288.30	\$16,314,288.30	\$0.00	\$0.00
2021	\$9,569,360.60	\$9,569,360.60	\$0.00	\$0.00
Subtotal	\$70,643,719.10	\$70,643,719.10	\$0.00	\$0.00
Grand Total:	\$70,643,719.10	\$70,643,719.10	\$0.00	\$0.00

Report Requested by: PMs and Project Finance.

Vendors				
ASTI Transportation Sysms Inc				
	Phase	Proposed Amount	Existing Amount	Change
ASTI ; N/A; ITS Data Intergration	Construction	\$12,000.00	\$12,000.00	\$0.00
	Sub Total	\$12,000.00	\$12,000.00	\$0.00
CITY OF DOVER				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; CE	Construction	\$178,025.40	\$178,025.40	\$0.00
N/A; N/A; City of Dover Non Par Sewer	Construction	\$3,252,628.00	\$3,252,628.00	\$0.00
N/A; N/A; City of Dover Non Par Water	Construction	\$307,880.00	\$307,880.00	\$0.00
	Sub Total	\$3,738,533.40	\$3,738,533.40	\$0.00
EVERSOURCE ENERGY				
	Phase	Proposed Amount	Existing Amount	Change
Eversource Engergy; N/A; DMV parking lot lighting	Construction	\$11,266.00	\$11,266.00	\$0.00
	Sub Total	\$11,266.00	\$11,266.00	\$0.00
NHDOT				
	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Roadway	Construction	\$53,500,506.01	\$53,500,506.01	\$0.00
N/A; N/A; Route 4 Bridge	Construction	\$5,101,748.40	\$5,101,748.40	\$0.00
N/A; N/A; Signal alt A option B	Construction	\$14,500.00	\$14,500.00	\$0.00
N/A; N/A; Signal alt B option B	Construction	\$20,000.00	\$20,000.00	\$0.00
City of Dover; N/A; VHB water inspection Par	Construction	\$62,823.00	\$62,823.00	\$0.00
City of Dover; N/A; City of Dover Par Water	Construction	\$1,553,221.00	\$1,553,221.00	\$0.00
N/A; N/A; Roadway CE = roadway + ret wall 6 + soundwall foundation + Dover Par Water, RTTM, signals alt A option B, signals alt B option B, Woodbury Ave	Construction	\$2,943,053.57	\$2,943,053.57	\$0.00
N/A; N/A; Bridge CE = Scammell + Route 4	Construction	\$256,535.78	\$256,535.78	\$0.00
N/A; N/A; Scammel Bridge	Construction	\$28,967.20	\$28,967.20	\$0.00
N/A; N/A; Bridge Concrete Inspection	Construction	\$20,000.00	\$20,000.00	\$0.00
N/A; N/A; OHSS inspection	Construction	\$8,000.00	\$8,000.00	\$0.00
N/A; N/A; Bridge Steel Inspection	Construction	\$5,000.00	\$5,000.00	\$0.00
N/A; N/A; Roadway and Soundwall Foundation Concrete Inspection	Construction	\$5,000.00	\$5,000.00	\$0.00
N/A; N/A; Woodbury Ave	Construction	\$1,120,705.74	\$1,120,705.74	\$0.00
N/A; N/A; RTTM	Construction	\$683,965.00	\$683,965.00	\$0.00

PROJECT ESTIMATE

Estimate Dated:05/17/2017

N/A; N/A; Soundwall Foundations	Construction	\$102,400.00	\$102,400.00	\$0.00
N/A; N/A; Ret Wall 6	Construction	\$460,494.00	\$460,494.00	\$0.00
N/A; N/A; Roadway Construction Engineering Bid Items	Construction	\$963,500.00	\$963,500.00	\$0.00
N/A; N/A; Bridge Construction Engineering Bid Items	Construction	\$31,500.00	\$31,500.00	\$0.00
Sub Total		\$66,881,919.70	\$66,881,919.70	\$0.00
Grand Total		\$70,643,719.10	\$70,643,719.10	\$0.00

Report Requested by: PMs.

All dollars exclude indirect costs and represent values entered by PMs in the vendor table.

Improvement Type			
Phase	Federal IT		
Bridge NBI #	State Improvement Type		Amount
Construction			
(01) Road-New Construction			
N/A	(1) Road-New Construction		\$562,894.00
			Fed. IT Subtotal: \$562,894.00
(03) Road-Reconstruction, Added Capacity			
N/A	(3) Road-Reconstruction, Added Capacity		\$4,132,524.00
N/A	(3) Road-Reconstruction, Added Capacity		\$11,968,288.92
N/A	(3) Road-Reconstruction, Added Capacity		\$15,614,288.30
N/A	(3) Road-Reconstruction, Added Capacity		\$15,714,288.30
N/A	(3) Road-Reconstruction, Added Capacity		\$7,058,612.58
			Fed. IT Subtotal: \$54,488,002.10
(04) Road-Reconstruction, No Added Capacity			
N/A	(4) Road-Reconstruction, No Added Capacity		\$1,804,670.74
			Fed. IT Subtotal: \$1,804,670.74
(08) Bridge-New Construction			
006501810003900	(8) Bridge-New Construction		\$3,000,000.00
006501810003900	(8) Bridge-New Construction		\$31,500.00
006501810003900	(53) Bridge-New Const-Steel Insp		\$5,000.00
006501810003900	(52) Bridge-New Const-Concrete Insp		\$20,000.00
			Fed. IT Subtotal: \$3,056,500.00
(13) Bridge-Rehabilitation, Added Capacity			
006501810003900	(13) Bridge-Rehabilitation, Added Capacity		\$2,101,748.40
			Fed. IT Subtotal: \$2,101,748.40
(14) Bridge-Rehabilitation, No Added Capacity			
006501740003400	(14) Bridge-Rehabilitation, No Added Capacity		\$28,967.20
			Fed. IT Subtotal: \$28,967.20
(17) Construction Engineering			
N/A	(17) Construction Engineering		\$118,683.60
N/A	(17) Construction Engineering		\$59,341.80
N/A	(17) Construction Engineering		\$611,754.28
N/A	(17) Construction Engineering		\$600,000.00
N/A	(17) Construction Engineering		\$700,000.00
N/A	(17) Construction Engineering		\$700,000.00
N/A	(17) Construction Engineering		\$317,578.20
006501810003900	(17) Construction Engineering		\$75,087.42
006501810003900	(17) Construction Engineering		\$180,000.00
006501740003400	(17) Construction Engineering		\$1,448.36
			Fed. IT Subtotal: \$3,363,893.66
(43) Utilities			
N/A	(43) Utilities		\$11,266.00
			Fed. IT Subtotal: \$11,266.00
(44) Other			
N/A	(77) Force Account		\$2,188,686.24
N/A	(77) Force Account		\$1,371,821.76
N/A	(77) Force Account		\$1,553,221.00
N/A	(77) Force Account		\$62,823.00

PROJECT ESTIMATE

Estimate Dated:05/17/2017

N/A	(44) Other	\$36,225.00
N/A	(60) Inspection - Concrete (non-bridge)	\$5,000.00
N/A	(61) Inspection - Steel (non-bridge)	\$8,000.00
Fed. IT Subtotal:		\$5,225,777.00
Phase Subtotal:		\$70,643,719.10
Grand Total:		\$70,643,719.10

Report Requested by: PMs and Project Finance.
 All dollars exclude indirect costs and represent values entered by project managers in the budget tab (programmed).

Net Change Obl. Adv Const

Phase	Federal Improvement Type	Net Change Obligate	Net Change Adv. Constr.
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Report Requested by: FHWA and Project Finance.
 Values include indirects. Net change of current estimate less last approved estimate.

Funding Changes

Fiscal Year	Primary			Indirects		
	Change in Program	Change in Obligation	Change in Advance Construction	Change in Program	Change in Obligation	Change in Advance Construction

Grand Total:

Report Requested by: Project Finance.

Change Authorization

	Proposed Amount	Existing Amount	Change
Construction			
Advanced Funds	\$57,081,061.94	\$57,081,061.94	\$0.00
Obligated Funds	\$13,562,657.16	\$13,562,657.16	\$0.00
Grand Total:	\$70,643,719.10	\$70,643,719.10	\$0.00

Report Requested by Project Programming for FMIS Comparisons.
 All AC and Obligated funds including indirects along with TTC for both Obligated and AC.

PROJECT ESTIMATE

Estimate Dated:05/17/2017

Fed. State Other Allocation						
State Improve. Type	Program Code	Federal with TTC	State	Turnpike Toll Credit	Local	Other
Construction						
Road-Reconstruction, Added Capacity	0100	\$0.00	\$4,132,524.00	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$11,968,288.92	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$15,614,288.30	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$15,714,288.30	0.00	0.00	\$0.00
Road-Reconstruction, Added Capacity	0100	\$0.00	\$7,058,612.58	0.00	0.00	\$0.00
Bridge-New Construction	0100	\$0.00	\$3,000,000.00	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$611,754.28	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$600,000.00	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$700,000.00	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$700,000.00	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$700,000.00	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$317,578.20	0.00	0.00	\$0.00
Inspection - Concrete (non-bridge)	0100	\$0.00	\$5,000.00	0.00	0.00	\$0.00
Inspection - Steel (non-bridge)	0100	\$0.00	\$8,000.00	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$75,087.42	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$5,000.00	0.00	0.00	\$0.00
Bridge-New Const-Steel Insp	0100	\$0.00	\$20,000.00	0.00	0.00	\$0.00
Bridge-New Const-Concrete Insp	0100	\$0.00	\$180,000.00	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$1,448.36	0.00	0.00	\$0.00
Engineering	0100	\$0.00	\$28,967.20	0.00	0.00	\$0.00
Bridge-Rehabilitation, No Added Capacity	0100	\$0.00	\$562,894.00	0.00	0.00	\$0.00
Road-New Construction	0100	\$0.00	\$1,553,221.00	0.00	0.00	\$0.00
Force Account	0100	\$0.00	\$2,188,686.24	0.00	0.00	\$0.00
Force Account	0100	\$0.00	\$2,101,748.40	0.00	0.00	\$0.00
Bridge-Rehabilitation, Added Capacity	0100	\$0.00	\$31,500.00	0.00	0.00	\$0.00
Bridge-New Construction	0100	\$0.00	\$1,804,670.74	0.00	0.00	\$0.00
Road-Reconstruction, No Added Capacity	0100	\$0.00	\$62,823.00	0.00	0.00	\$0.00
Force Account	0100	\$0.00				

PROJECT ESTIMATE

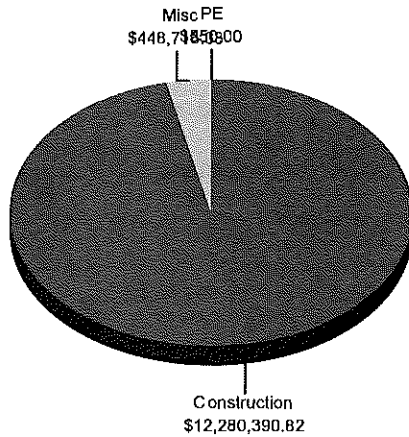
Estimate Dated:05/17/2017

Force Account	0100	\$0.00	\$1,371,821.76	0.00	0.00	\$0.00
Construction	0100	\$0.00	\$118,683.60	0.00	0.00	\$0.00
Engineering						
Construction	0100	\$0.00	\$59,341.80	0.00	0.00	\$0.00
Engineering						
Other	0100	\$0.00	\$36,225.00	0.00	0.00	\$0.00
Utilities	0100	\$0.00	\$11,266.00	0.00	0.00	\$0.00
Grand Total:		\$0.00	\$70,643,719.10	0.00	0.00	\$0.00

Report Requested by: Project Finance.

Values above as entered into ProMIS by Project Programming. All costs include indirects and are programmed dollars.

Expenditures by Phase (Data Warehouse)



Report Requested by: PMs.

Dollars by Entity

NH DOT	Phase	Programmed	Indirects	Total
	Construction	\$70,643,719.10	\$0.00	\$70,643,719.10
Grand Total:		\$70,643,719.10	\$0.00	\$70,643,719.10

Report used to summarize project costs for participating entities such as local governments.

Program Code		Program Code	Total Cost*	AC Match	Adv. Construction	Federal Funds (Obl withTTC)
Federal IT						
State IT						
Bridge-New Construction						
		0100	\$20,000.00	\$0.00	\$0.00	\$0.00
		0100	\$3,031,500.00	\$0.00	\$0.00	\$0.00
		0100	\$5,000.00	\$0.00	\$0.00	\$0.00
			\$3,056,500.00	\$0.00	\$0.00	\$0.00
Bridge-Rehabilitation, Added Capacity						
		0100	\$2,101,748.40	\$0.00	\$0.00	\$0.00
			\$2,101,748.40	\$0.00	\$0.00	\$0.00
Bridge-Rehabilitation, No Added Capacity						
		0100	\$28,967.20	\$0.00	\$0.00	\$0.00
			\$28,967.20	\$0.00	\$0.00	\$0.00
Construction Engineering						
		0100	\$3,363,893.66	\$0.00	\$0.00	\$0.00
			\$3,363,893.66	\$0.00	\$0.00	\$0.00
Other						
		0100	\$5,176,552.00	\$0.00	\$0.00	\$0.00
		0100	\$5,000.00	\$0.00	\$0.00	\$0.00
		0100	\$8,000.00	\$0.00	\$0.00	\$0.00
		0100	\$36,225.00	\$0.00	\$0.00	\$0.00
			\$5,225,777.00	\$0.00	\$0.00	\$0.00
Road-New Construction						
		0100	\$562,894.00	\$0.00	\$0.00	\$0.00
			\$562,894.00	\$0.00	\$0.00	\$0.00
Road-Reconstruction, Added Capacity						
		0100	\$54,488,002.10	\$0.00	\$0.00	\$0.00
			\$54,488,002.10	\$0.00	\$0.00	\$0.00
Road-Reconstruction, No Added Capacity						
		0100	\$1,804,670.74	\$0.00	\$0.00	\$0.00
			\$1,804,670.74	\$0.00	\$0.00	\$0.00
Utilities						
		0100	\$11,266.00	\$0.00	\$0.00	\$0.00
			\$11,266.00	\$0.00	\$0.00	\$0.00
		Grand Total	\$70,643,719.10	\$0.00	\$0.00	\$0.00

Report used for FMIS verification.

* Includes all AC and Obligate costs including all matches.

Approval				
Initial Review				
Bureau	Sent To	Signed By	Date	Comments
Highway Design	Keith Cota	Carol Macuch	05/17/2017	
	Routed On 05/17/2017	By Carol Macuch		
	Completed On 05/17/2017			
Project Finance				
	Work Started On 05/17/2017	By Joan Castellano		
	Review Completed On 05/17/2017	By ---		
FHWA				
	Reviewed FHWA On ---	By ---		
	Recommended FHWA On ---	By ---		
	Authorized FHWA On ---	By ---		

Project Number 11238S / ---
Project Name / Road NEWINGTON - DOVER, SPAULDING TURNPIKE / LITTLE BAY BRIDGES
Project Manager Keith Cota
PM Auth. Phases ---
Type Modified Project Agreement Estimate

Project Dates

Ad Information

Ad Date 07/16/2019
Post to Ad Schedule Yes
Ad Date Explanation Advertising adjusted to accommodate
 Turnpike fiscal constraint

Other Dates

On Shelf ---
Project Start 07/31/2017
Project End 10/29/2024

Last Approved Estimate

Dated 06/29/2015
Type Modified Project Agreement Estimate

Days to Approve

Routes 0 days
Project Finance 0 days
FHWA ---

Project Details

Estimate Type	Modified Project Agreement Estimate	Mode	Highway/Bridge
Bureau Type	Bridge Design	Work Zone	Significant
Relationship	Stand Alone	Is Reg. Sig.	Yes
Parent	---	Project Status	Active
Managed By	DOT		
Town(s)	Dover, Newington		
Team List	Bob Landry; Charles Blackman; David Smith; Peter Salo; Robert Juliano; Wendy Johnson		
Accounting Units	7514:SPAULDING TPK - US4 - NH16		
Work Series	100		
Bridges	006502000002300 Dover - 200/023		
Alternate References	Pedestrian and,Bicycle Bridge Only		
Advertises With	---		
Investment	Preservation 100%;		

Project Description
General Sullivan Bridge Rehabilitation

Project Scope
Address General Sullivan Bridge Condition to provide pedestrian and bicycle access across Little Bay and meet the requirements of the Newington Dover EIS

Estimate Description
*** This Estimate was updated for the TYP and Inflation ***
This estimate adjust funding based on current 2015-2024 Ten Year Plan.

Funding Instructions
Tumpike funded effort under Capital Program
Const funds
FY 2019 \$5,800,000
FY 2020 \$11,500,000
FY 2021 \$11,500,000
FY 2022 \$2,900,000

Project Total				
Construction	Proposed Amount	Existing Amount	Change	Indirect Dollars
TPK *				
2019	\$5,800,000.00	\$5,800,000.00	\$0.00	\$0.00
2020	\$11,500,000.00	\$11,500,000.00	\$0.00	\$0.00
2021	\$11,500,000.00	\$11,500,000.00	\$0.00	\$0.00
2022	\$2,900,000.00	\$2,900,000.00	\$0.00	\$0.00
Subtotal	<u>\$31,700,000.00</u>	<u>\$31,700,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Grand Total:	<u>\$31,700,000.00</u>	<u>\$31,700,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Report Requested by: PMs and Project Finance.				

Vendors				
NHDOT	Phase	Proposed Amount	Existing Amount	Change
N/A; N/A; Bridge Rehab	Construction	\$31,700,000.00	\$31,700,000.00	\$0.00
	Sub Total	<u>\$31,700,000.00</u>	<u>\$31,700,000.00</u>	<u>\$0.00</u>
	Grand Total	<u>\$31,700,000.00</u>	<u>\$31,700,000.00</u>	<u>\$0.00</u>
Report Requested by: PMs.				
All dollars exclude indirect costs and represent values entered by PMs in the vendor table.				

PROJECT ESTIMATE

Estimate Dated:05/17/2017

Improvement Type			
Phase			
Federal IT			
Bridge NBI #	State Improvement Type		Amount
Construction			
(14) Bridge-Rehabilitation, No Added Capacity			
006502000002300	(14) Bridge-Rehabilitation, No Added Capacity		\$5,800,000.00
006502000002300	(14) Bridge-Rehabilitation, No Added Capacity		\$11,500,000.00
006502000002300	(14) Bridge-Rehabilitation, No Added Capacity		\$11,500,000.00
006502000002300	(14) Bridge-Rehabilitation, No Added Capacity		\$2,900,000.00
Fed. IT Subtotal:			\$31,700,000.00
Phase Subtotal:			\$31,700,000.00
Grand Total:			\$31,700,000.00

Report Requested by: PMs and Project Finance.
 All dollars exclude indirect costs and represent values entered by project managers in the budget tab (programmed).

Net Change Obl. Adv Const			
Phase	Federal Improvement Type	Net Change Obligate	Net Change Adv. Constr.
Report Requested by: FHWA and Project Finance. Values include indirects. Net change of current estimate less last approved estimate.			

Funding Changes						
Fiscal Year	Primary			Indirects		
	Change in Program	Change in Obligation	Change in Advance Construction	Change in Program	Change in Obligation	Change in Advance Construction
Grand Total:						
Report Requested by: Project Finance.						

PROJECT ESTIMATE

Estimate Dated:05/17/2017

Change Authorization

	Proposed Amount	Existing Amount	Change
Grand Total:			

Report Requested by Project Programming for FMIS Comparisons.
 All AC and Obligated funds including indirects along with TTC for both Obligated and AC.

Fed. State Other Allocation

State Improve. Type	Program Code	Federal with TTC	State	Turnpike Toll Credit	Local	Other
Construction						
Bridge-Rehabilitation, No Added Capacity	0100	\$0.00	\$5,800,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, No Added Capacity	0100	\$0.00	\$11,500,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, No Added Capacity	0100	\$0.00	\$11,500,000.00	0.00	0.00	\$0.00
Bridge-Rehabilitation, No Added Capacity	0100	\$0.00	\$2,900,000.00	0.00	0.00	\$0.00
Grand Total:		\$0.00	\$31,700,000.00	0.00	0.00	\$0.00

Report Requested by: Project Finance.
 Values above as entered into ProMIS by Project Programming. All costs include indirects and are programmed dollars.

Dollars by Entity

NH DOT	Phase	Programmed	Indirects	Total
	Construction	\$31,700,000.00	\$0.00	\$31,700,000.00
Grand Total:		\$31,700,000.00	\$0.00	\$31,700,000.00

Report used to summarize project costs for participating entities such as local governments.

Program Code

Federal IT State IT	Program Code	Total Cost*	AC Match	Adv. Construction	Federal Funds (Obl withTTC)
Grand Total					

Report used for FMIS verification.
 * Includes all AC and Obligate costs including all matches.

Approval

Initial Review

Bureau	Sent To	Signed By	Date	Comments
Highway Design	Keith Cota	Carol Macuch	05/17/2017	
	Routed On 05/17/2017	By Carol Macuch		
	Completed On 05/17/2017			

Project Finance

Work Started On 05/17/2017	By Pamela Mack
Review Completed On 05/17/2017	By ---

FHWA

Reviewed FHWA On ---	By ---
Recommended FHWA On ---	By ---
Authorized FHWA On ---	By ---

Bond Interest Payments
Newington-Dover 11238 Turnpike System Costs

Newington-Dover				
2009A- 30 Year Interest Bond Cost Summary				
Project #	2009A Bond Proceeds	W/Out BAB's Interest Allocation	BABS Credit*	Total Bond Payment W/ BABS Credit
11238	12,620,791.82	16,738,833.19	(5,619,790.29)	11,119,042.90

Newington-Dover		
2012C - 30 Year Interest Bond Cost Summary		
Project #	2012C Bond Proceeds	Interest Allocation
11238	5,907,128.47	4,489,064.92
11238K	2,959,460.84	2,249,013.53
11238L	15,953,633.37	12,123,808.77
11238M	20,052,469.06	15,238,679.17
2012C Total	44,872,691.74	34,100,566.39

Newington-Dover		
2015A - 8 Year Interest Bond Cost Summary		
Project #	2015A Bond Proceeds	Interest Allocation
11238	30,262,855.83	7,198,715.05
2015A Total	30,262,855.83	7,198,715.05

Newington-Dover	
Bond Summary	Total Interest
2009A*	11,119,042.90
2012C	34,100,566.39
2015A*	7,198,715.05
Total Costs	52,418,324.34

* As of 06/30/2017

Prepared by: Lauren O'Sullivan
 Reviewed by: Danielle Chandonnet
 DOT sign-off: Marie Mullen

