2019 NEW HAMPSHIRE
HIGHWAY & BRIDGE CONSTRUCTION WORK

Alexandria – This project involves the rehabilitation of two existing culverts under NH Route 104. Traffic control will involve some lane closures but most of the work will be from the shoulders. Completion: August 2019  Estimated cost: $177,713

Alstead – This project involves the replacement of the bridge that carries NH 123A over Warner Brook and associated approach roadway improvements. The bridge is located just west of the intersection of NH 123A and NH123. Traffic control will use one lane, alternating two-way traffic with temporary signals. Completion: October 2019  Estimated cost: $1,117,341

Alton – This project on NH Route 11 near the Gilford town line involves replacing the structurally deficient box culvert that carries Batchelder Brook under NH 11. There may be short periods of daytime alternating two-way traffic during non-holiday weekdays although the major work will be done by closing the road for up to five nights. During the closures, traffic will be detoured via NH 11A. Completion: November 2019  Estimated cost: $358,449

Barnstead – This project consists of bridge preservation work on two bridges on NH Route 28. One bridge carries NH 28 over Beauty Hill Road, and the other carries NH 28 over the Soucook River. The work includes replacement of the bridge deck pavement and membrane, partial and full depth deck repairs, and replacement of expansion joints at the abutments. Beginning in spring of 2019, the road width will be reduced to allow for two lanes of traffic while working on sections of both bridges. Completion: November 2019  Estimated cost: $897,858

Bedford – The project consists of the widening and reconstruction of NH 101. It is widening the existing two lane road to provide two 11-foot travel lanes and 4-foot shoulders in each direction, as well as a raised center median island with a left turn lane. Two-lane, two-way traffic will be maintained during most operations. Short-term use of one lane, alternating two-way traffic supplemented with flaggers may be required. Traffic will be returned to two-way traffic during non-construction hours One lane of alternating two-way traffic and/or short duration full closures may be required for side road construction. Completion: September 2019  Estimated cost: $15,834.005

Bedford-Manchester – This project consists of bridge preservation work on the I-293/NH 101 bridges over the Merrimack River and PanAm Railroad in Bedford and Manchester. Traveled lanes will be reduced from three lanes to two lanes during the bridge rehabilitation, which will take place in two phases on each bridge. The Brown Avenue on-ramp to I-293 northbound/ NH 101 westbound will be closed for a period of five months to allow the bridge rehabilitation on the bridge. A signed detour will direct motorists to use Exit 1 (South Willow Street) to reverse direction. Completion: October 2019  Estimated Cost: $4,648,329

Bethlehem - This bridge preservation/repair project is on the bridge that carries US 302/NH 18/NH 116 over I-93 at Exit 40 of I-93. It includes the removal of the raised concrete median island, replacement of the pavement and membrane, concrete deck repair as needed, replacement of the expansion joints over the piers, and concrete pier repair. During deck work, one lane of alternating two-way traffic will be allowed on US 302. During the pier work, the Exit 40 southbound off-ramp will be closed with a detour in place. Completion: October 2019  Estimated cost: $1,330,066
**Campton-Thornton** - This project consists of pavement preservation work on 8.9 miles of I-93, both northbound and southbound. The first section is from one mile south of Exit 27 to one mile north of Exit 27. The second section is from 1/2 mile south of Exit 28 to 1/2 mile south of Exit 29. The work will require daily lane closures, with traffic reduced to one lane.

**Completion:** August 2019  
**Estimated cost:** $1,940,119

**Claremont** – This project at the NH 11/103 intersection with Bowen Street will improve access management at the existing signalized intersection. Work will include a new drive location, curb and sidewalk work, and signal adjustments. Traffic control will involve lane closures and lane shifts during off-peak hours.

**Completion:** Spring 2019  
**Estimated cost:** $344,000

**Conway** – This project is replacing the bridge carrying US Route 302 over the Conway Lake Outlet. The work in 2019 will primarily consist of off-line work to build a portion of the new bridge next to the existing bridge. Once this first portion of the new bridge is constructed, one lane of traffic will be routed to the new bridge and one lane will remain on the existing bridge while a portion of the existing bridge is demolished and replaced. Some short periods of alternating one lane, two-way traffic may be necessary for certain construction operations. Two lanes of traffic will be maintained during the Fryeburg Fair.

**Completion:** July 2021  
**Estimated cost:** $3,288,304

**Derry** – This project is part of the Salem-Manchester I-93 corridor widening that involves the reconstruction of Exit 4. It includes roadway reconstruction on northbound and southbound I-93, starting near the Kendall Pond Road crossing and ending near Ash Street in Derry, and the reconstruction of the NH Route 102 approaches to the I-93 Exit 4 interchange. State Police rolling road blocks will be utilized on the interstate for ledge blasting operations. Lane closures will only be allowed at night. Truck crossings and alternating one-way traffic can be anticipated on the local road crossings. On NH 102, two lanes of traffic will be maintained during daylight hours, with lane closures allowed during off-peak traffic hours at night.

**Completion:** August 2019  
**Estimated cost:** $62.3 million

**Derry to Londonderry** - This project is part of the Salem-Manchester I-93 corridor widening between Exit 4 and Exit 5. It involves roadway reconstruction on northbound and southbound I-93, starting near Ash Street in Derry and ending near the Stonehenge Road crossing in Londonderry. State Police rolling road blocks will be utilized on the interstate for ledge blasting operations. Lane closures will only be allowed at night. Truck crossings and alternating one-way traffic will be used on local road crossings.

**Completion:** August 2019  
**Estimated cost:** $34.2 million

**Derry** – This intersection improvement project on NH 28 Bypass at the intersection of Scobie Pond Round and English Range Road will replace the current flashing beacon with full actuated traffic signals. The work involves widening both sides of NH 28 Bypass to add a left turn lane in both directions, realigning Scobie Pond Rd. and English Range Rd. to improve the intersection safety, and drainage improvements. Lane shifts will be used to allow the widening to take place. Two lanes of traffic will be maintained for commuter hours, with short term alternating traffic allowed during off peak hours.

**Completion:** September 2019  
**Estimated cost:** $1,232,979
**Dummer-Cambridge-**Errol** - This project involves the realignment of 1.3 miles of NH 116 from Route 110A north to Dummer Pond Road. The project will address the poor subsurface drainage which can cause premature roadway failure, frost heaves, and potential slope failures along the Androscoggin River. Safety improvements to the roadway geometry and line of sight will also be achieved. During construction, there will be alternating one-way traffic with the use of flaggers.**

**Completion:** October 2020  
**Estimated cost:** $4,376,380

**Durham-Newmarket** – This project involves the realignment of 13.5 miles of NH Route 28, from the Epsom Circle to just north of Hills Grove Road in Barnstead. Work requiring short distance lane closures may be done during off-peak daylight hours using alternating two-way traffic. Some of the major paving work will be done at night.

**Completion:** September 2019  
**Estimated cost:** $5,308,013

**Durham** – This project involves the rehabilitation of the Red List bridge that carries NH Route 18 over Lafayette Brook. The scope of work includes the removal and replacement of the bridge deck and support beams, the repair and reconstruction of the abutments and wingwalls, the construction of stone slope protection along Lafayette Brook. During construction, the NH 18 bridge will be closed and traffic detoured via I-93 and NH 141.

**Completion:** July 2019  
**Estimated cost:** $1,007,031

**Hampton** – This project involves repainting of two steel beam bridges over I-95 in Hampton - the Towle Farm Road bridge and the NH 27 bridge. The bridge painting began in the fall of 2018 and is anticipated to be completed in June of 2019. This work requires lane closures on I-95 near the Hampton Toll Plaza and will be done at night to minimize traffic impacts.

**Completion:** June 2019  
**Estimated cost:** $1,700,000
**Hampton-North Hampton-Rochester** – This project involves resurfacing the Blue Star Turnpike (I-95) in Hampton and North Hampton as well as sections of the Spaulding Turnpike and US 202 in Rochester. The I-95 work includes paving the southbound lanes from mile marker 19.4 to mile marker 17.5, the Open-Road Toll lanes on I-95, and the Route 101 ramps at Exit 2. The Spaulding Turnpike (NH 16) work in Rochester is at Exits 11, 12, and 13. There will also be work on US Route 202 near Exit 16. All the paving work will be done at night to minimize impact on traffic.

**Completion:** September 2019  
**Estimated cost:** $5,530,000

**Hampton-Portsmouth** – This project consists of resurfacing approximately 7.3 miles of US Route 1, from Lamson Lane in Hampton to Peverly Hill Road in Portsmouth. There will be daily lane closures during non-peak hours for guardrail, drainage, and traffic signal work. Paving work will be done at night to minimize the impacts to traffic.

**Completion:** August 2019  
**Estimated cost:** $4,710,000

**Haverhill** - This project involves the rehabilitation of the NH Route bridge (in Pike) over Oliverian Brook. It includes the replacement of the pavement and membrane, concrete deck repairs, expansion joint replacement, bridge and approach rail replacement, and substructure repairs. Alternating one-way traffic will be maintained with temporary signals.

**Completion:** October 2019  
**Estimated cost:** $1,033,907

**Hopkinton** – This project involves bridge preservation work on two bridges, US 202/NH 9 over Contoocook River and US 202/NH 9 over Elm Brook. Work includes replacement of the expansion joints, deck concrete patching, new membrane and pavement, and structural steel painting. Westbound traffic will be detoured along a signed detour from Exit 5 of I-89 to Exit 6 and NH Route 127 back to US 202/NH 9 for about three months. A signed wide load truck detour is in effect during this work.

**Completion:** October 2019  
**Estimated cost:** $2,608,922

**Lancaster, NH-Guildhall, VT** - This project involves the removal and replacement of the bridge that carries US Route 2 over the Connecticut River. The new bridge will be constructed offline and upstream with traffic maintained on the existing bridge during construction. Roadway work will include new bridge approaches with a reconstructed intersection in Vermont.

**Completion:** June 2021  
**Estimated cost:** $10,086,473

**Lebanon** – This project involves the replacement of a deteriorated concrete box culvert under NH Route 10 just north of the hydroelectric plant. Work includes the replacement of the exiting concrete box culvert with a new cast-in-place concrete culvert and the associated roadway work to access the culvert. Traffic will be controlled using one lane, alternating two-way traffic with temporary signals.

**Completion:** October 2019  
**Estimated cost:** $1,021,870

**Lebanon** – This project is located on I-89 in the vicinity of Exit 19 and involves I-89 northbound and southbound bridge preservation work on two bridges over US Route 4/ NH 10 and 2 over the Mascoma River. The work involves deck replacement, deck patching, joint replacement, membrane, pavement work on approaches and ramps at Exit 19, and drainage repairs. Traffic control will utilize lane closures during off-peak hours and night time ramps closures for paving and drainage work.

**Completion:** Summer 2022  
**Estimated cost:** $7,812,000
**Lebanon** – This project on Interstate 89 includes pavement and drainage rehabilitation, rock scaling, guardrail replacement and median barrier installation. Bridge work involves joint replacement and repair of concrete substructures on the I-89 bridges over Heater Road and deck repair on the I-89 bridge over Poverty Lane. Additional work includes pavement rehabilitation on the Exit 18 southbound on-ramp, the northbound Weigh Station, and the southbound Rest Area/Weigh Station; as well as the selective tree clearing in three median locations. I-89 paving and joint work on the Heater Road bridges will be completed at night. The Exit 18 southbound on-ramp closure for paving work will only be allowed at night with a signed detour. Substructure work on the Heater Road bridges will require daytime lane closures on Heater Road, using one lane, alternating two-way traffic control. Night closures will be required for paving operations at the northbound weigh station and the southbound Rest Area/Weigh Station.

**Completion:** August 2019  
**Estimated cost:** $14,991,914

**Londonderry-Manchester** – This project is part of the Salem-Manchester I-93 corridor widening between Exit 5 and I-293 Split. It involves roadway reconstruction on I-93 northbound and southbound, starting north of Exit 5 in Londonderry and ending near Island Pond Road in Manchester. State Police rolling road blocks will be utilized on I-93 for ledge blasting operations. Lane closures will only be allowed at night. Alternating one-way traffic can be anticipated on the local road crossings.

**Completion:** October 2019  
**Estimated cost:** $45,900,000

**Loudon-Canterbury** – This project widens and adds a center turn lane on NH Route 106, from just south of Mudgett Hill Road to the south entrance to NH Motor Speedway. Work will primarily be done using two lane shifts, although there will be some short periods of off-peak alternating two-way traffic. There will be several two week periods where traffic will be maintained on a gravel surfaces as it’s prepared for new pavement. Work interfering with traffic will be suspended for the NASCAR race at NHMS in July.

**Completion:** December 2019  
**Estimated cost:** $2,631,812

**Meredith** – This project improves the signals and layout at the intersection of US 3 and NH 25, constructs a pedestrian hybrid beacon midblock crossing at the docks, installs an emergency signal at the Meredith Fire Station, improves the layout of the Pleasant Street intersection and repairs the US 3/NH 25 bridge over the inlet to Lake Winnipesaukee. The project begins at the intersection of Oak Street on US 3 and extends 700 ft. north of the US 3/NH 25 intersection, 100 ft. east of Pleasant St./Winnipesaukee St. intersection on NH 25, and 140 ft. on Pleasant St. Traffic impacts for 2019 are anticipated in May and June prior to Motorcycle Week. There will be some periods of temporary lane shifts and short term one-lane of alternating two-way traffic during work hours, while the final paving will be done at night.

**Completion:** June 2019  
**Estimated cost:** $2,581,586

**Northfield-Tilton** – Rehabilitation of the Red Listed bridges carrying I-93 northbound and southbound over the Winnipesaukee River, NH Railroad and a recreation trail. Work in 2019 will involve final paving and landscaping along I-93 and will be completed before July. Scour countermeasure work in the river will continue when water levels allow, possibly being completed in November. Short-term closures of the recreation trail with the use of flaggers may be necessary during construction operations involving overhead work.

**Completion:** November 2019  
**Estimated cost:** $8,504,979

**New Hampton-Ashland** - This project involves pavement preservation work on 16 miles of Interstate 93, both northbound and southbound. It begins at the Meredith/New Hampton town line and extends north to 1/2 mile to south of Exit 24. The work will be done within daily lane closures. Through traffic will be reduced to one lane.

**Completion:** August 2019  
**Estimated cost:** $3,677,017
**New London-Sutton** – This pavement preservation project is on two segments of I-89 totaling 13.5 miles. The Sutton segment extends from mile marker 25.9 (just north of the rest area) to mile marker 26.8 (just south of Exit 10). The New London segment extends from mile marker 31.6 (north of Exit 11) to mile marker 36.3 (just south of 12A). The work also involves paving Exits 11, 12, and the Exit 12A southbound off-ramp. Daytime lane closures will be utilized for mainline paving operations. Ramps will be closed at night, one at a time with signed detours.

**Completion:** August 2019  
**Estimated cost:** $2,018,395

**Newington-Dover** - The project involves widening and reconstruction of the Spaulding Turnpike (NH Route 16) in Newington and Dover between Exit 4 and the Dover tolls. The completion of this project will provide the final roadway match to the new Little Bay Bridges. The project also includes roadway and utility improvements on Woodbury Avenue near the Fox Run Mall in Newington, and construction of a hybrid roundabout at the intersection of Route 4 and Boston Harbor Road in Dover. Two lanes in each direction will be maintained along the Spaulding Turnpike with the following exception; temporary, single-lane night closures will be allowed for specific paving and pavement marking operations.

**Completion:** October 2020  
**Estimated cost:** $67,165,000

**Ossipee** – This project on NH Route 16 replaces three Red Listed bridges, and reconstructs 3.5 miles of roadway from NH 16B in Center Ossipee to NH 25 West in West Ossipee. There will be short periods of flagger controlled one lane, alternating two-way traffic throughout the 2019 construction season. In the spring and fall there will be periods where there will be 24/7 signal controlled alternating two-way traffic in the area of the Bearcamp and Bearcamp Relief bridges.

**Completion:** August, 2021  
**Estimated cost:** $16,980,561

**Ossipee** – This project constructs a roundabout at the intersection of NH Route 28 and NH 171. Much of the work will be done using two lane shifts, although there will be periods of alternating one lane, two-way traffic. The goal is to have traffic in the roundabout configuration for the winter of 2019-2020.

**Completion:** July 2020  
**Estimated cost:** $1.7 million

**Portsmouth** – This project will remove and replace the Woodbury Avenue Bridge over US Route 1 Bypass just north of the Portsmouth traffic circle. The bridge is closed for traffic and is anticipated to reopen in November 2019. During the bridge closure, traffic is being detoured with signage. Two lanes of travel, northbound and southbound, will be maintained on US 1 Bypass whenever possible. However, there will be periods of single lane closures during the day. Work requiring alternating one-way traffic or ramp closures will be done at night.

**Completion:** December 2019  
**Estimated cost:** $7,950,000

**Portsmouth** – This project rehabilitates the concrete box culvert on US Route 1 Bypass at Hodgdon Brook. The box culvert is located just east of the Portsmouth traffic circle and will require a temporary lane closure of the southbound left turn lane at Borthwick Avenue. Two-way traffic will be maintained, however there may be periods of single lane closures.

**Completion:** November 2019  
**Estimated cost:** $1,020,000

**Portsmouth-New Castle** – This project involves the rehabilitation of two bridges on NH Route 1B over the Piscataqua Estuary, and roadway approach paving work. Only one bridge will be worked on at a time. In 2019, the bridge closest to Pleasant Point Drive in Portsmouth will be rehabilitated. In the fall of 2019 and spring of 2020, work will shift to the bridge located on the Portsmouth-New Castle town line. Most of the rehabilitation work will require the bridges to be restricted to one lane. During this time, temporary signals will be used to direct two-way alternating traffic through the work zone.

**Completion:** October 2020  
**Estimated cost:** $2,100,000
**Rochester** – This project involves constructing a ½ mile two-way left turn lane on NH Route 125, starting approximately 500 feet north of the NH 125/Flagg Rd/Rochester Neck Road intersection and ending approximately 600 feet north of the NH 124/Gear Road intersection. There will also be signal upgrades at the NH 125/Rochester Neck Rd/Flagg Road intersection. The work will require daily one-lane of alternating two-way traffic. Two-way traffic will be maintained during non-work hours. Work on Saturdays and night work may be allowed.  
**Completion:** October 2019  
**Estimated cost:** $480,000

**Roxbury-Sullivan** – This road reconstruction project along NH Route 9 begins near the Granite Gorge Ski Area in Roxbury and continues easterly for approximately 2.1 miles to the Centre Street intersection in Sullivan. Bridge work includes the replacement of the Red Listed NH 9 bridge over Otter Brook, rehabilitation of the Centre Street bridge over Otter Brook, and repairs to the NH 9 bridge over Hubbard Brook. The NH 9 roadway work will utilize one-lane, two-way traffic with flaggers throughout the duration of work (2019-2020). During the NH 9 Otter Brook bridge replacement in 2019, a regional truck detour will be in place via US 202/NH 101, with a two-way traffic diversion for all other traffic via Centre Street/Valley Road. The NH 9 Hubbard Brook bridge rehabilitation will be completed in 2019, while the regional truck detour is in place, utilizing a one-lane, and two-way traffic configuration with temporary signals. The Centre St./Otter Brook Bridge rehabilitation in 2020 will involve a full closure of Center Street, with a two-way traffic detour via Valley Road to NH 9.  
**Completion:** July 2020  
**Estimated cost:** $13,451,513

**Salem** - This project is part of the Salem-Manchester I-93 corridor widening from Salem to Manchester. It involves the reconstruction on I-93 northbound and southbound from the Massachusetts State line through Exit 1 in Salem. The work includes providing the ultimate four lane layout through this section of roadway, and matching the existing three lane layout at the Massachusetts State line. The project also includes installation of 3,500 linear feet of sound abatement wall adjacent to the northbound lanes, Intelligent Transportation System infrastructure improvements, and overhead sign relocation/construction for the new roadway layout and lane use. Traffic will be managed using phased construction techniques. Three travel lanes will be maintained at all times. Nighttime lane closures will be allowed as needed. State Police rolling roadblocks will be allowed during non-peak traffic hours.  
**Completion:** August 2020  
**Estimated cost:** $16,900,000

**Sanbornton-Meredith** – This Interstate 93 pavement preservation project is on 14.7 miles, both northbound and southbound, from 1/2 mile south of Exit 22 north to the Meredith/New Hampton town line. The work will be done using daily lane closures. Through traffic will be reduced to one lane.  
**Completion:** August 2019  
**Estimated cost:** $3,322,104

**Tilton-Sanbornton** – This pavement preservation project on I-93 extends from Exit 20 to Exit 22. Also included is paving at the southbound Sanbornton Rest Area. Operations involving cold planing, spot inlays, and crack filling may be done during the day using lane closures. There will also be periods where specific ramps will be closed and traffic detoured to other ramps. Final paving will be done at night.  
**Completion:** September 2019  
**Estimated cost:** $2,129,987
**Walpole-Charlestown** – This project is reconstructing and widening NH Route 12, from the intersection of Main Street in North Walpole north approximately 2.75 miles to the intersection of NH 12A in Charlestown. The work to widen the roadway towards the Connecticut River will provide 11 ft. lanes and four to five-foot wide shoulders. The river bank treatment includes an armored slope with reestablished vegetation. Other work includes upgraded drainage and storm water management, substantial utility relocation, and guardrail installation. Traffic impacts are expected to be daily lane closures requiring one-lane of alternating two-way traffic patterns, with a return to two-lane, two-way traffic patterns during non-work hours. Use of longer terms one-lane of alternating two-way traffic with temporary signals may be required to install drainage structures. Use of longer term one-lane of alternating two-way traffic with temporary signals may be required to complete some of the roadwork.

**Completion:** August 2020  
**Estimated cost:** $14,752,626

**Warner** – This project involves pavement rehabilitation of four miles of I-89 from Exit 8 to Exit 9. It includes replacing existing underdrain, drainage repairs, guardrail replacement, and rock scaling. Also included is the replacement of bridge expansion joints at 10 bridges. The speed limit on I-89 will be reduced to 55 mph at various times for different work efforts. Long-term lane closures will be utilized to complete the paving work. Ramps at Exit 8 will be closed for extended periods of time and ramps at Exit 9 will be closed at night only, one at a time, to accomplish the ramp work. Traffic will be detoured to the adjacent exit ramps to turnaround.

**Completion:** October 2021  
**Estimated cost:** $14,000,000

**Windham-Derry** – This project is part of the Salem-Manchester I-93 corridor widening between Exit 3 and Exit 4. It involves roadway reconstruction on I-93 northbound and southbound, starting at the Weigh Stations in Windham and ending near the Kendall Pond Road crossing in Derry. State Police rolling road blocks will be utilized on the interstate for ledge blasting operations. Lane closures will only be allowed at night. Truck crossings and alternating one-way traffic can be anticipated on the local road crossings.

**Completion:** October 2019  
**Estimated cost:** $49,400,000