

May 2, 2017

Victoria Sheehan
Commissioner
NH Department of Transportation
7 Hazen Drive
Concord, New Hampshire 03302-0483

RE: Rockingham Planning Commission Prioritized list of Projects for the 2019-2028 Ten Year Plan

Dear Commissioner Sheehan:

The Rockingham MPO has completed the regional project ranking process with respect to the upcoming 10 Year Plan update and ongoing STIP revisions (per RSA 228:99) and is pleased to submit to you our prioritized and ranked list of projects in the attached **Table 1**. In addition, **Table 2** is a listing of 31 other projects that, while technically eligible for the Ten Year Plan, probably fit better into statewide programmatic funding sources such as Transportation Alternatives, State Aid Bridge, etc. where priorities are established independently. The ranking in Table 1 is based on the starting assumption that the projects currently in the Ten Year Plan from this region remain priorities and that only the final two years of the 2019-2028 Ten Year Plan are being programmed at this time. The process that the MPO followed to develop our priorities is detailed below.

It is not our expectation, of course, that all of the projects we have identified and prioritized can be added to the Ten Year Plan at this time. Our full list (Table 1) includes 46 projects (culled from a starting point of 169 projects) with a cumulative cost of nearly \$73M, whereas our region's target allocation for the 2 years is under \$7 million. We are providing the full list for two reasons: (1) the projects in Table 1 are ranked strictly according to scores against the agree-to criteria, but we recognize that some deviation in that priority may be necessary to fit available funding to project costs, and (2) we think it is helpful to all those involved in the process to maintain a comprehensive view of the locally identified transportation needs in the region.

Project Solicitation & Selection Process

The development of regional Ten Year Plan recommendations began in December of last year with a request to our communities and other stakeholders to identify transportation needs that are not addressed in the State Ten Year Plan or the MPO Long Range Transportation Plan (LRTP). A number of new projects were submitted, and when combined with the existing list of projects, totaled 169 identified transportation infrastructure requests. Of the 169 projects, 47 are already included the Ten

Year Plan or TIP, or otherwise in the queue for construction and therefore were not ranked. The remaining 122 projects were then considered against the “threshold” criteria jointly developed by NHDOT and the Regional Planning Commissions. This initial review identified 45 Projects that did not meet the threshold criteria, and so were not considered for the Ten Year Plan. While many in this group were missing a critical component such as a cost estimate or defined scope, in several cases this assessment was based on the lower likelihood of funding given the priority project types identified in the NHDOT Pavement and Bridge Strategies. Application of the threshold criteria left 77 projects to be considered, and of that group, 31 were identified as eligible for the Ten Year Plan but more likely to be funded through one of several statewide programs (including CMAQ, TAP, Bridge, Betterment, HSIP, and others) which have separate prioritization processes (shown in Table 2).

Outcome and Recommendations

The end result is that 46 projects, totaling approximately \$73 million in cost, were scored by MPO staff using the statewide project selection criteria. This produced an initial ranking for review by the MPO Transportation Advisory Committee (TAC) which met on 3/23/2017, discussed the process, and endorsed the ranking as presented. The MPO Policy Committee met on 4/12/2017, discussed the process and the TAC endorsed ranking, and gave final approval to the listing of projects to be presented to NHDOT as the Rockingham MPO priorities for the Ten Year Plan, attached as **Table 1**. The TAC and Policy Committee also included several other related recommendations:

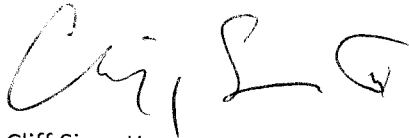
- **Continue revising and adjusting the statewide project selection criteria:** While no project selection criteria are perfect, further refinement in the shared statewide criteria may be warranted. Our experience with the current set is that, while improved, they do not adequately consider non-standard projects such as sound barriers or transit facilities, while other project scores are amplified by the duplication of criteria that measure essentially the same thing such as functional class and traffic volume.
 - **Small scale feasibility studies are needed:** Greater accommodation should be made to fund small-scale project development and small feasibility studies to focus the scope of a project, gauge local support, and provide reasonable cost estimates for the Ten Year Plan. NHDOT’s assistance to Seabrook during the summer of 2016 to scope out project needs on a northern section of US 1 is a very good example of this approach. It helped refine the project understanding and cost before it was proposed for consideration in the Ten Year Plan and defined a less expensive alternative than the default approach.
 - **Larger scale corridor studies as well:** There are several corridor studies that are needed in the region to help comprehensively identify improvement needs for state highways in the region such as:
 - NH 101: Traffic volume has doubled since the widening was completed in 2001 and many of the unsignalized interchanges are experiencing substantial delays during peak hours.
 - NH 111: Has experienced significant land use growth between Kingston and the Shadow Lake Bypass in Salem that has increased traffic volumes as well as generating safety concerns at many intersections.
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- NH 108/33: Has experienced land use changes and travel pattern changes around the Great Bay between Stratham and Portsmouth that are increasing traffic volumes and creating hazardous conditions.
- NH 125: Corridor Studies have been completed from Plaistow to Rochester however there was a gap from NH 111 in Kingston through Brentwood to NH 101 in Epping. This area was slated for a corridor study in the late 2000s however funding fell through.

The MPO is supportive of the continued efforts to establish common project selection criteria, regional target budgets, and improved transparency in the programming process for transportation projects. That process continues to make significant strides and we look forward to working with the Department and the other RPCs/MPOs to continue to refine the process.

Thank you for the opportunity to submit our priorities for the Ten Year Plan.

Sincerely,



Cliff Sinnott
Executive Director

cc: Executive Councilor Russel Prescott
Peter Stamnas, NHDOT Director of Project Development
Bill Watson, Administrator, NHDOT Planning and Community Assistance
City Council/Select Boards
RPC Policy Committee Members
RPC TAC Members

Table 1: Prioritized Additions to the State Ten Year Plan

Rank	Project #	City/Town	Roads	Scope of Work	Congestion	Freight Mobility	Improves Accessibility	Volume	Facility Importance	Safety Measures	Safety Performance	Pavement Service Life	Current Bridge Condition	Local Support	Regional Support	Total	Total Cost	Cumulative Cost
1	6001023	New Castle-Rye	NH 1A/1B	Shoulders on NH 1A in Rye from Seavey Creek Bridge to the south end of Odiorne Point State Park & NH 1B from NH1A to the Bridge. Sidewalks on NH1B From Wild Rose Lane to Beach Hill Road, & shoulders Wild Rose Lane to USCG Station.	Minimal Positive Impact	Neutral/ No Impact	Moderate Positive Impact	4200	17 - Collector (Urban)	Very Significant Focus	Moderate Frequency	Road - Fair Condition	Roadway	HIGH	HIGHEST	0.590	\$ 1,978,500	\$ 1,978,500
2	6197005	Hampton	NH 101/ US 1	NH 101/ US 1 interchange reconfiguration as per the outcome of the feasibility study	Moderate Positive Impact	Moderate Positive Impact	Neutral/ No Impact	30000	14 - Other Principal Arterials (Urban)	Average Focus	High Frequency	Road - Fair Condition	Roadway	HIGH	HIGHEST	0.565	\$ 5,400,000	\$ 7,378,500
3	6345011	North Hampton	US 1	Capacity improvements at Intersection of US 1 and Atlantic Avenue (NH 111) including safety improvements for bicycle and pedestrian access	Moderate Positive Impact	Minimal Positive Impact	Minimal Positive Impact	16290	14 - Other Principal Arterials (Urban)	Major Focus	Moderate Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.563	\$ 744,000	\$ 8,122,500
4	6409007	Seabrook	East Coast Greenway	Construct multiple use pathway on State owned portion of B&M railroad from Mass state line to Seabrook Station. East Coast Greenway.	Neutral/ No Impact	Neutral/ No Impact	Strong Positive Impact	20000	16 - Minor Arterials (Urban)	Major Focus	Low Frequency	Road - New Facility	Roadway	LOW	HIGHEST	0.540	\$ 918,000	\$ 9,040,500
5	6409004	Seabrook	US 1	Capacity improvements on US 1 between New Zealand Road and the Hampton Falls Town Line.	Strong Positive Impact	Moderate Positive Impact	Neutral/ No Impact	20000	16 - Minor Arterials (Urban)	Average Focus	Moderate Frequency	Road - Fair Condition	Roadway	HIGH	HIGHEST	0.536	\$ 1,552,500	\$ 10,593,000
6	6197012	Hampton	Winnacunnet Rd (NH 101E) & High Street (NH 27)	The reconstruction of Winnacunnet Road as a "Complete Street" . New sidewalks along both sides of the roadway, travel way and shoulder delineation, new signage, markings & crossings. New Sidewalk construction of the "missing" link between Tobey Road and Five Corners within the existing ROW	Neutral/ No Impact	Neutral/ No Impact	Moderate Positive Impact	9100	16 - Minor Arterials (Urban)	Very Significant Focus	Low Frequency	Road - Poor Condition	Roadway	HIGH	HIGH	0.519	\$ 900,000	\$ 11,493,000
7	6001018	Seabrook-Hampton	NH 1A	Route 1A Evacuation ITS Improvements: Deployment of Route 1A contra-flow signage, VMS, surveillance, and communications upgrades. From Regional ITS Architecture	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	8800	16 - Minor Arterials (Urban)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGHEST	0.497	\$ 2,139,000	\$ 13,632,000
8	6431003	Stratham	NH 108	NH 108 / Bunker Hill Avenue: Signalization And Turn Lanes And Intersection Realignment. Source: 1999-2020 LRP	Minimal Positive Impact	Neutral/ No Impact	Neutral/ No Impact	21000	16 - Minor Arterials (Urban)	Major Focus	Low Frequency	Road - Very Good or Good Condition	Roadway	HIGH	HIGHEST	0.492	\$ 565,200	\$ 14,197,200
9	6345006	North Hampton	US 1	Realign the southern intersection of US 1 and North Road to the south, widen to 5 lanes at the intersection and install a traffic signal. From US 1 Corridor Study.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	16000	14 - Other Principal Arterials (Urban)	Major Focus	Moderate Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.483	\$ 2,645,000	\$ 16,842,200
10	6195001	Hampstead	NH 121	Improve The Intersection Of NH 121/ Derry Rd/ Depot Rd In Hampstead	Minimal Positive Impact	Neutral/ No Impact	Neutral/ No Impact	8090	16 - Minor Arterials (Urban)	Major Focus	High Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.481	\$ 300,000	\$ 17,142,200
11	6379027	Portsmouth	Market St and Russell St	Intersection improvements are required to improve traffic flow and safety. A roundabout is currently being considered for this location.	Minimal Positive Impact	Neutral/ No Impact	Minimal Positive Impact	14000	16 - Minor Arterials (Urban)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.472	\$ 875,000	\$ 18,017,200
12	6431001	Stratham	Rte. 108 and 33 / Portsmouth Ave and Winnicutt Road	A reconfiguration of the Rte. 108 / Rte. 33 Stratham Circle and vicinity. Reconfiguration of 4 intersections for traffic and pedestrian access and safety improvements including a roundabout, lane reconfigurations, signalization, sidewalks, bicycle lanes, crosswalks, Bus shelters, traffic calming measures, and signage improvements.	Minimal Positive Impact	Minimal Positive Impact	Minimal Positive Impact	17000	16 - Minor Arterials (Urban)	Average Focus	High Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.467	\$ 2,959,300	\$ 20,976,500
13	6147006	Epping	NH 125	Signalize intersection of NH 125 with Lee Hill Road	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	15300	14 - Other Principal Arterials (Urban)	Major Focus	Moderate Frequency	Road - Fair Condition	Roadway	MODERATE	HIGHEST	0.467	\$ 300,000	\$ 21,276,500
14	6331002	Newington	Pease Blvd/ NH Ave/ Arboretum Dr	Construct a Northbound right-turn-lane on New Hampshire Avenue at the intersection with Arboretum Drive.	Moderate Positive Impact	Minimal Positive Impact	Neutral/ No Impact	11300	17 - Collector (Urban)	Average Focus	Low Frequency	Road - Very Good or Good Condition	Roadway	HIGH	HIGHEST	0.461	\$ 100,000	\$ 21,376,500
15	6375004	Plaistow	NH 121A	Intersection improvements at North Avenue And NH 121A In Plaistow	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	9100	16 - Minor Arterials (Urban)	Major Focus	High Frequency	Road - Fair Condition	Roadway	MODERATE	HIGH	0.458	\$ 1,806,650	\$ 23,183,150
16	6239001	Kensington	NH 107	Realign and upgrade the intersection of NH 150 and NH 107 in Kensington. Possible location for a roundabout. Source: NH 107/150 Intersection Study	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	9200	7 - Major Collector (Rural)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGHEST	0.457	\$ 900,000	\$ 24,083,150
17	6345007	North Hampton	US 1	Realign the northern intersection of US 1 and North Road to the north, widen to 5 lanes at the intersection and install a traffic signal. From US 1 Corridor Study.	Minimal Positive Impact	Neutral/ No Impact	Neutral/ No Impact	16000	14 - Other Principal Arterials (Urban)	Major Focus	Moderate Frequency	Road - Fair Condition	Roadway	MODERATE	HIGH	0.452	\$ 3,375,000	\$ 27,458,150
18	6397002	Rye	US 1	Widen to five lanes and improve the Washington Road/Breakfast Hill Road intersection with US 1. Reduce vertical rise to the south to improve sight distance.	Moderate Positive Impact	Minimal Positive Impact	Neutral/ No Impact	24000	14 - Other Principal Arterials (Urban)	Average Focus	Low Frequency	Road - Poor Condition	Roadway	HIGH	HIGH	0.450	\$ 2,415,000	\$ 29,873,150
19	6001019	Seabrook-Hampton Falls-Hampton	East Coast Greenway	Construct multiple use pathway on State owned portion of B&M railroad from Seabrook Station to Hampton Town center near Post Office. East Coast Greenway.	Neutral/ No Impact	Neutral/ No Impact	Minimal Positive Impact	20000	16 - Minor Arterials (Urban)	Major Focus	Low Frequency	Road - New Facility	Roadway	LOW	HIGH	0.448	\$ 4,209,000	\$ 34,082,150
20	6197002	Hampton	US 1/NH 27	Improvements to the US 1 / NH 27 intersection. Realignment of Exeter Road (Route 27) to the south so as to align directly opposite High Street. This will also require construction of a new bridge over the railroad that is wider and aligned slightly to the the south of the current bridge.	Moderate Positive Impact	Minimal Positive Impact	Neutral/ No Impact	24800	14 - Other Principal Arterials (Urban)	Limited Focus	Very High Frequency	Road - Poor Condition	Roadway	MODERATE	HIGH	0.440	\$ 6,175,000	\$ 40,257,150
21	6379028	Portsmouth	Islington St	Preliminary and final design, engineering, and construction for reconstruction of the street that will include subsurface utility work as well as sidewalk improvements, street lighting and street furniture, curbing and bump outs as well as traffic signal improvements and realignment of the Bartlett St / Islington St intersection.	Neutral/ No Impact	Neutral/ No Impact	Moderate Positive Impact	14000	16 - Minor Arterials (Urban)	Average Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.439	\$ 2,000,000	\$ 42,257,150
22	6153001	Exeter	Epping Rd	Implementation Of Access Management Plan Developed By Exeter To Likely Include Row Acquisitions And Driveway Consolidation.	Moderate Positive Impact	Minimal Positive Impact	Neutral/ No Impact	12000	16 - Minor Arterials (Urban)	Average Focus	Moderate Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.438	\$ 1,897,500	\$ 44,154,650
23	6345004	North Hampton	US 1	Connect Hobbs Road with Elm Road and discontinue north end of Elm Road. Provide traffic signal connection from mid-point of Elm road to US 1. From US 1 Corridor Study.	Minimal Positive Impact	Neutral/ No Impact	Neutral/ No Impact	16000	14 - Other Principal Arterials (Urban)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	MODERATE	HIGH	0.436	\$ 3,450,000	\$ 47,604,650

Table 1: Prioritized Additions to the State Ten Year Plan

Rank	Project #	City/Town	Roads	Scope of Work	Congestion	Freight Mobility	Improves Accessibility	Volume	Facility Importance	Safety Measures	Safety Performance	Pavement Service Life	Current Bridge Condition	Local Support	Regional Support	Total	Total Cost	Cumulative Cost
24	6383004	Raymond	NH 27	Address safety and capacity issues at the intersection of NH 27 and NH 156	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	12000	17 - Collector (Urban)	Major Focus	Moderate Frequency	Road - Poor Condition	Roadway	MODERATE	HIGH	0.428	\$ 600,000	\$ 48,204,650
25	6379002	Portsmouth	Grafton Drive	Grafton Drive will be widened to provide center turn lane to facilitate turning movements at the intersection with Country Club Rd and the Portsmouth Transportation Center	Moderate Positive Impact	Minimal Positive Impact	Minimal Positive Impact	12000	17 - Collector (Urban)	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.426	\$ 500,000	\$ 48,704,650
26	6397001	Rye	US 1	Improve shoulders on US 1 from Breakfast Hill Road to Portsmouth city line	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	21000	14 - Other Principal Arterials (Urban)	Average Focus	Low Frequency	Road - Very Good or Good Condition	Roadway	LOW	MODERATE	0.411	\$ 1,200,000	\$ 49,904,650
27	6397003	Rye	US 1	Improve Shoulders on US 1 from North Hampton Town line to Breakfast Hill Road. Realign Dow Road to 90 degree approach.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	21000	14 - Other Principal Arterials (Urban)	Average Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.411	\$ 720,000	\$ 50,624,650
28	6431005	Stratham	NH 33	Full signalization of the Route 33/Portsmouth Avenue and Winnicut Road intersection.	Minimal Positive Impact	Neutral/ No Impact	Neutral/ No Impact	14000	16 - Minor Arterials (Urban)	Average Focus	Moderate Frequency	Road - Very Good or Good Condition	Roadway	HIGH	HIGH	0.410	\$ 185,000	\$ 50,809,650
29	6199003	Hampton Falls	US 1	Route 1 - Provide full shoulder and access management improvements from Lincoln Avenue to Hampton town line. From US 1 Corridor Study.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	20000	16 - Minor Arterials (Urban)	Average Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.409	\$ 1,200,000	\$ 52,009,650
30	6331001	Newington	Pease Blvd/ NH Ave/ Arboretum Dr	Install a signal at the intersection of Arboretum Drive, New Hampshire Avenue, and Pease Blvd. Additional turning lanes may be required to maintain adequate operations.	Moderate Positive Impact	Minimal Positive Impact	Minimal Positive Impact	11300	17 - Collector (Urban)	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.397	\$ 1,100,000	\$ 53,109,650
31	6409001	Seabrook	US 1	Reconfigure rotary on US 1 at the MA state line to a four way intersection as per the US 1 Corridor Study. Widen US 1 to 5 lanes	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	25000	16 - Minor Arterials (Urban)	Average Focus	Moderate Frequency	Road - Fair Condition	Roadway	LOW	MODERATE	0.392	\$ 2,875,000	\$ 55,984,650
32	6409002	Seabrook	US 1	Widen US 1 to 5 lanes between Walton Road and Gretchen Road From US 1 Corridor Study.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	25000	16 - Minor Arterials (Urban)	Average Focus	Moderate Frequency	Road - Fair Condition	Roadway	LOW	MODERATE	0.392	\$ 2,760,000	\$ 58,744,650
33	6379033	Portsmouth	NH Ave/Exeter St/Manchester Square	Construct a roundabout at the intersection of New Hampshire Avenue/ Exeter Street/ Manchester Square on the Pease International Tradeport in Portsmouth	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	10300	17 - Collector (Urban)	Average Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.388	\$ 1,000,000	\$ 59,744,650
34	6431004	Stratham	NH 108	NH 108/ Frying Pan Lane/ River Rd Signalization And Realignment And Lane Improvements. Source: 2001-2003 TIP Proposal	Negative Impact	Neutral/ No Impact	Neutral/ No Impact	21000	16 - Minor Arterials (Urban)	Average Focus	Moderate Frequency	Road - Very Good or Good Condition	Roadway	MODERATE	HIGH	0.375	\$ 873,600	\$ 60,618,250
35	6383001	Raymond	NH 102	Safety improvements at the NH 102 intersection with Blueberry Hill Road	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	5800	7 - Major Collector (Rural)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.368	\$ 240,000	\$ 60,858,250
36	6379003	Portsmouth	Corporate Dr/ Grafton Drive	Installation of a fully actuated traffic control signal at the intersection of Corporate Drive and Grafton Drive on the Pease International Tradeport in Portsmouth.	Moderate Positive Impact	Minimal Positive Impact	Neutral/ No Impact	0	17 - Collector (Urban)	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	HIGH	0.352	\$ 1,400,000	\$ 62,258,250
37	6379010	Portsmouth	I-95	Construct a noise barrier consisting of vertical wood sound walls along an approximately 2,000 foot portion of southbound I-95 where it passes Pannaway Manor.	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	80000	11 - Interstates (Urban)	No Focus	Low Frequency	Road - New Facility	Roadway	HIGH	HIGH	0.349	\$ 1,210,000	\$ 63,468,250
38	6383003	Raymond	NH 156	Address sight distance issues to improve safety at NH 156/Ham Road/Harriman Hill Road intersection	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	4200	7 - Major Collector (Rural)	Major Focus	Low Frequency	Road - Poor Condition	Roadway	MODERATE	MODERATE	0.348	\$ 240,000	\$ 63,708,250
39	6379030	Portsmouth	Banfield Rd	Upgrades will include culvert replacement, guard rail installation, and traffic calming.	Neutral/ No Impact	Neutral/ No Impact	Minimal Positive Impact	6100	19 - Local (Urban)	Average Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	0.337	\$ 700,000	\$ 64,408,250
40	6147007	Epping	NH 125	Widen NH 125 from NH 87 to Lee Hill Road	Minimal Positive Impact	Neutral/ No Impact	Neutral/ No Impact	11000	2 - Principal Arterial - Other (Rural)	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	MODERATE	0.328	\$ 3,829,500	\$ 68,237,750
41	6383002	Raymond	NH 27	Address skewed angle intersection of Dudley Road with NH 27 through realignment	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	2700	7 - Major Collector (Rural)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	MODERATE	0.327	\$ 240,000	\$ 68,477,750
42	6379001	Portsmouth	NH Ave/ Durham St/ Corporate Dr/ International Dr	Installation of a traffic signal and construction of left turn lanes on the approaches to New Hampshire Avenue, Corporate Drive and International Drive.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	0	17 - Collector (Urban)	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	MODERATE	HIGH	0.316	\$ 1,100,000	\$ 69,577,750
43	6379034	Portsmouth	International Dr/ Manchester Sq/ Corporate Dr	Install traffic signal at the intersection of International Drive with Manchester Square and Corporate Drive on the Pease International Tradeport in Portsmouth	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	14100	17 - Collector (Urban)	Limited Focus		Road - Fair Condition	Roadway	LOW	HIGH	0.315	\$ 300,000	\$ 69,877,750
44	6379032	Portsmouth	Grafton Drive/Aviation Avenue	Interim improvement to construct NB Left Turn lane on Grafton Drive. Long-term solution includes separated Left and Right Turn lanes on Aviation Ave.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	14000	17 - Collector (Urban)	Limited Focus		Road - Fair Condition	Roadway	MODERATE	MODERATE	0.305	\$ 900,000	\$ 70,777,750
45	6001015	Region	Multiple	Bridge Security Surveillance and Interagency Video Exchange: Establish a video distribution system to allow authorized municipal and transit organizations to view bridge conditions in real-time.	Minimal Positive Impact	Minimal Positive Impact	Neutral/ No Impact	NA	11 - Interstates (Urban)	No Focus	No Reported Accidents	Bridge	Bridge - New Facility	LOW	MODERATE	0.294	\$ 1,840,000	\$ 72,617,750
46	6379029	Portsmouth	South St	This project will include a new road bed, underdrains and surface drainage, sidewalk reconstruction as well as water, sewer, and gas lines work.	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	8800	16 - Minor Arterials (Urban)	Limited Focus	Moderate Frequency	Road - Poor Condition	Roadway	MODERATE	MODERATE	0.290	\$ 250,000	\$ 72,867,750

Table 2: Projects Eligible for other Programs

Program	Project #	CityTown	Roads	Scope of Work	Notes	Total Cost
SAH	6021001	Atkinson	Hilldale Ave	Upgrade Hilldale Avenue in Atkinson	State Aid Highway. Local Road limits eligibility for Federal Funds	\$ 403,200
SAH	6055002	Brentwood	NH 111A	Reconfigure the intersection of NH 111A and Pickpocket Road from a "Y" to a "T" alignment	State Aid Highway or Betterment would be more likely to happen & sooner than TYP	\$ 96,000
SAH	6055001	Brentwood	North Road	Realign the intersection of Prescott Road and North road from a "Y" alignment to a "T" alignment	State Aid Highway or Betterment would be more likely to happen & sooner than TYP	\$ 96,000
TAP	6113001	Danville	NH 111A	NH 111A sidewalks connecting municipal buildings and public areas plus a section of bicycle lane on both sides of the road (future TE)	Bicycle and Pedestrian project - Transportation Alternatives Program	\$ 1,840,000
SAH	6135001	East Kingston	NH 107	Improve Sight distance at intersection of NH 107 & Willow Road. Source: 2001-2003 TIP Proposal	State Aid Highway Program. Technically eligible, unclear as to need.	\$ 76,800
BRIDGE	6147008	Epping	Blake Rd	Bridge Replacement, Blake Road over Lamprey River [059/054]	Bridge Program	\$ 660,000
BRIDGE	6147009	Epping	Main St	Repair/Replacement of Main Street bridge over Lamprey River [109/055]	Bridge Program	\$ 744,000
BRIDGE	6167002	Fremont	Scribner Rd	Scribner Road over Exeter River - Structurally deficient bridge 106/076. Source: NHDOT 2002 Red List Bridge Summary	Bridge Program	\$ -
TAP	6327002	Newfields	NH 87	Widen shoulders and install sidewalks	Transportation Alternatives Program	\$ 285,000
TAP	6327004	Newfields	NH 108	Add shoulders to NH 108 within town of Newfields	Transportation Alternatives Program	\$ 320,000
TAP	6327003	Newfields	NH 85	Rebuild roadway and sidewalks to include bike lanes and landscape features	Transportation Alternatives Program	\$ 1,530,000
BRIDGE	6341001	Newton	Pond Rd	Pond Road Over B&M RR - Structurally Deficient 064/107	Bridge Program	\$ 2,070,000
TAP	6379026	Portsmouth	Islington St	Construction of new sidewalk on one side of the street.	Pedestrian Project. Transportation Alternatives Program	\$ 250,000
TAP	6379024	Portsmouth	Spinney Rd	Add new sidewalk along one side of Spinney Rd and improve intersection at Spinney / Islington.	Pedestrian Project. Transportation Alternatives Program	\$ 350,000
BRIDGE	6379012	Portsmouth	Coakley Rd	Upgrade / replace aging bridge.	Bridge Program	\$ 198,000
TAP	6379031	Portsmouth	Junkins Ave	Upgrade to address substandard conditions. Includes improvements to the road bed, drainage, and sidewalks as well as bicycle lanes on at least one side of the road.	Transportation Alternatives Program	\$ 800,000
BRIDGE	6379015	Portsmouth	Cate Street	Replace bridge in collaboration with local development plans	Bridge Program	\$ 480,000

Table 2: Projects Eligible for other Programs

Program	Project #	CityTown	Roads	Scope of Work	Notes	Total Cost
BRIDGE	6379013	Portsmouth	Bartlett St	Bridge upgrade / replacement over Hodgson Brook	Bridge Program	\$ 342,000
BRIDGE	6379018	Portsmouth	Pierce Island Rd	Replace Pierce Island Bridge over Little Harbor	Bridge Program	\$ 2,875,000
BRIDGE	6379005	Portsmouth	Maplewood Ave	Replace Maplewood Avenue culvert over North Mill Pond. Replacement structure will consist of three concrete arches with existing stone reused to construct seawalls.	Bridge Program	\$ 1,150,000
CMAQ	6001014	Region	NH 125	Route 125 and Interstate 495 Interchange Cross-Border ITS: Deploy Advanced Traveller Information Services & Communications upgrades to coordinate traffic flow information across the MA-NH border.	Congestion Mitigation and Air Quality Program	\$ 600,000
CMAQ	6001016	Region	Multiple	Park-and-Ride ITS Improvements: Deploy surveillance, parking sensors, and signage at Park-and-Ride facilities. From Regional ITS Architecture.	Congestion Mitigation and Air Quality Program	\$ 810,000
BRIDGE	6399003	Salem	Haverhill Rd.	Bridge Replacement. Haverhill Road over Spicket River [097/181]. Municipally Managed Project.	Bridge Program	\$ 921,600
BRIDGE	6399005	Salem	Lawrence Rd	Bridge Rehabilitation on Lawrence Road over Spicket River [113/070]	Bridge Program	\$ 240,000
BRIDGE	6399002	Salem	Emerson Way	Bridge Replacement. Emerson Way over Widow Harris Brook [114/108]. Municipally managed project	Bridge Program	\$ 720,000
BRIDGE	6405001	Sandown	Phillips Rd	Bridge Replacement on Phillips Road over Exeter River [093/109]	Bridge Program	\$ 480,000
BRIDGE	6405002	Sandown	Fremont Rd	Bridge rehab/replacement on Fremont Road over Exeter River - 098/117	Bridge Program	\$ 420,000
TAP	6409006	Seabrook	NH 1A	Bicycle shoulders and curbed sidewalk linking Seabrook Beach community with Hampton Beach [future TE].	Pedestrian Project	\$ 324,000
BRIDGE	6417002	South Hampton	Hilldale Ave	Bridge Replacement on Hilldale Avenue over Powwow River [069/066]	Bridge Program	\$ 720,000
BRIDGE	6417001	South Hampton	Whitehall Rd	Bridge Replacement on Whitehall Road over Powwow River [099/062]	Bridge Program	\$ 306,000
TAP	6431002	Stratham	Squamscott Rd	Shoulder Bike Lanes On Squamscott Road From NH 108 To NH 33	Bicycle Project	\$ 1,200,000