

Memorandum

DATE: March 21, 2017
 TO: MPO Transportation Advisory Committee
 FROM: David Walker
 RE: Project Selection

The project solicitation process has been completed and a number of new needs were identified and submitted by multiple communities, and many others responded that they continue to see the projects currently listed in the Long Range Plan and the Ten Year Plan as priorities. All in all, the starting point for this prioritization exercise for the Ten Year Plan included 169 projects. Forty-seven of these projects are already in the Ten Year Plan, the Transportation Improvement Program, or otherwise in the construction process. As was discussed at previous meetings, it was determined that the best approach to prioritizing projects for the Ten Year Plan was to examine projects first for eligibility and feasibility and then follow that by scoring those eligible and feasible projects against a set of selection criteria. Forty-five projects are viewed as not ready for the Ten Year Plan as they are not eligible, not feasible, missing aspects of the scope and cost, or are simply not needed at this point. The remaining 77 projects were prioritized for consideration to be added to the State Ten Year Plan utilizing the project selection criteria and weights that were established at the February 23rd TAC Meeting and resulted in the attached table (**Table 2**). This table shows the project details as well as how the project scored in each criterion and is listed in score/rank from highest to lowest. This preliminary ranking was compiled by staff based on information provided by project sponsors and available from current data sets. The point value assigned to each criteria is shown in **Table 1**.

Total Projects	169
In Ten Year Plan/TIP/Construction	47
Remaining Projects	122
Not Ready For 10 Year Plan	45
Ranked for Ten Year Plan	77

DOT has provided the MPO with a budgetary target for programming projects. While the MPO is not guaranteed this funding, it provides guidance as to the “fair share” of funding available for transportation improvements that we might expect to see in the region. That budget target is estimated at **\$6,277,000** for the last two years of the Ten Year Plan and how it is calculated is shown in the table to the right. Based on the assumed level of funding in that table, multiple projects in the top 10 fit easily within the targeted budget amount. In the 2015 iteration of this process NHDOT did not simply fund the top projects that fit within the budget amount, but funded 5 of the RPC

Budget Allocation

Expected Annual Federal Funding	\$ 150,000,000
Debt Service (I-93 and others)	-\$ 17,000,000
Preservation and Maintenance	-\$ 75,000,000
Mandated Programs	-\$ 28,000,000
PE and ROW	-\$ 11,000,000
Available for RPCs to program Annually	\$ 22,500,000
Total for RPCs to program in Ten Year Plan	\$ 45,000,000
RPC Share of available funding (13.9%)	\$ 6,277,432

top 10 projects at the time. Assuming a similar approach is employed in this round, we could expect to see 2-5 projects funded.

Recommended Action: Recommend a prioritized list of project to the MPO Policy Committee for their approval at the April 12, 2017 meeting.

Table 1: Point Values assigned for each Criterion

Point Value	Reduce Congestion (10.36%)	Freight Mobility (5.16%)	Improves Accessibility (13.87%)	Safety Measures (16.96%)	Safety Performance (6.06%)	Service Life (3.79%)	Current Bridge Condition (9.67%)
1	Strong Positive Impact	Strong Positive Impact	Strong Positive Impact	Very Significant Focus	Very High Frequency	Road - Very Good or Good Condition	Bridge - Poor Condition
0.75	Moderate Positive Impact	Moderate Positive Impact	Moderate Positive Impact	Major Focus	High Frequency	Road - Fair Condition	Bridge - Fair Condition
0.5	Minimal Positive Impact	Minimal Positive Impact	Minimal Positive Impact	Average Focus	Moderate Frequency	Road - Poor Condition	Bridge - Good Condition
0.25	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	Limited Focus	Low Frequency	Road - New Facility	Bridge - New Facility
0	Negative Impact	Negative Impact	Negative Impact	No Focus	No Reported Crashes	Bridge	Roadway

Support/Priority Portion: 18.80%

Point Value	2017 Local Priority (10%)	Economic Impact (20%)	Inclusion in Planning Documents (10%)	Regional Priority (40%)	Support For Regional Vision, Goals, and Objectives (20%)
1	High	Regional and Local	Regional and Local	High	Strongly Supports
0.75	Medium	Regional	Regional	Moderate	Moderately Supports
0.5	Low	Local	Local	Low	Minimally Supports
0	None	None	None	None	Does Not support

Portion: 6.9%

Traffic Volume Portion: 8.47%

Value	AADT Range	Traffic Volume
1	75001-125000	Extremely High Volume
0.8	50001-75000	High Volume
0.6	25001-50000	Moderately High Volume
0.4	10001-25000	Moderate Volume
0.2	1000-10000	Low Volume

Value	Facility Importance
1	1 - Principal Arterial - Interstates (Rural)
0.75	2 - Principal Arterial - Other (Rural)
0.6	6 - Minor Arterial (Rural)
0.35	7 - Major Collector (Rural)
0.1	8 - Minor Collector (Rural)
0	9 - Local (Rural)
1	11 - Interstates (Urban)
0.9	12 - Other Freeways & Expressways (Urban)
0.75	14 - Other Principal Arterials (Urban)
0.6	16 - Minor Arterials (Urban)
0.35	17 - Collector (Urban)
0	19 - Local (Urban)
0.5	20 - NHS Modal Connector
1	Bridge - No Alt Routes
0.5	Bridge - Single Alt Route
0.25	Bridge - Few Alt Routes
0	Bridge - Many Alt Routes

Table 2: Draft Prioritized Project Listing

CurrentDoc	Program Rank	RP/ProjNum	CityTown	Roads	Scope	Congestion	Freight Mobility	Improves Accessibility	Volume	Facility Importance	Safety Measures	Safety Performance	Service Life	Current Asset Condition	LocalPriority 2017	Regional Support	Notes	Total	TotalCost
LRTP	1	6001023	New Castle-Rye	NH 1A/1B	Shoulders on NH 1A in Rye from Seavey Creek Bridge to the south end of Odiome Point State Park and on NH 1B from NH1A to the Bridge. Sidewalks on NH1B From Wild Rose Lane to Beach Hill Road, and 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		0.5898	\$ 1,978,500
LRTP	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	Premature to bring this project forward for construction at this time.	0.5648	\$ 5,400,000
LRTP	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		0.5626	\$ 744,000
LRTP	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		0.5404	\$ 918,000
LRTP	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	Concern regarding differences between what DOT and community want constructed	0.5363	\$ 1,552,500
LRTP	6	6197012	Hampton	Winnacunnet Rd (NH 101E) & High Street (NH 27)	The reconstruction of Winnacunnet Road as a "Complete Street" will include new accessible sidewalks along both sides of the roadway, travel way and shoulder delineation, and the implementation of new signage, markings and crossings. The construction of the "missing" link between Tobey Road and Five Corners will include the construction of new sidewalk (7 ft) 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	Concerns regarding Hampton history of receiving projects and voting down match repeatedly. See previous Winnacunnet Rd bike shoulders project.	0.5192	\$ 900,000
LRTP	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		0.4972	\$ 2,139,000
LRTP	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		0.4915	\$ 565,200
LRTP	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	Scope of project is large with minimal need/benefit	0.4832	\$ 2,645,000
LRTP	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		0.4808	\$ 300,000
LRTP	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		0.4723	\$ 875,000
LRTP	12	6431001	Stratham	Rte. 108 and 33 / Portsmouth Ave and Winnicutt Road	A comprehensive reconfiguration of the Rte. 108 / Rte. 33 Stratham Circle through the Town Center District. 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		0.4671	\$ 2,959,300
LRTP	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		0.4671	\$ 300,000
LRTP	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
LRTP	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		0.4578	\$ 1,806,650
LRTP	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		0.4574	\$ 900,000
LRTP	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	Scope of project is large with minimal need/benefit	0.4515	\$ 3,375,000

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CurrentDoc	Program Rank	RPCProjNum	CityTown	Roads	Scope	Congestion	Freight Mobility	Improves Accessibility	Volume	Facility Importance	Safety Measures	Safety Performance	Service Life	Current Asset Condition	LocalPriority 2017	Regional Support	Notes	Total	TotalCost
LRTP	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		0.4497	\$ 2,415,000
LRTP	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		0.4475	\$ 4,209,000
LRTP	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, which would improve the operation of the signalized intersection by allowing Exeter Road and High Street through movements to run under the same signal phase. 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	Concern that this project underestimates the cost/difficulty of proposal	0.4395	\$ 6,175,000
LRTP	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		0.4387	\$ 2,000,000
LRTP	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		0.4381	\$ 1,897,500
LRTP	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	Scope of project is large with minimal need/benefit	0.4364	\$ 3,450,000
LRTP	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
LRTP	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	Local Road limits eligibility for Federal Funds	0.4263	\$ 500,000
LRTP	26	6379012	Portsmouth	Coakley Rd	Upgrade / replace aging bridge.	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	530	Bridge - No Alt Routes	Average Focus	Low Frequency	Bridge	Bridge - Poor Condition	MODERATE	MODERATE	Bridge Program	0.4147	\$ 198,000
LRTP	27	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		0.4112	\$ 1,200,000
LRTP	28	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		0.4111	\$ 720,000
LRTP	29	6431005	Stratham	NH 33	Full signalization of the Route 33/Portsmouth Avenue and Winnicutt 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		0.4105	\$ 185,000
LRTP	30	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		0.4094	\$ 1,200,000
LRTP	31	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	Local Road limits eligibility for Federal Funds	0.3973	\$ 1,100,000
LRTP	32	6417002	South Hampton	Hilldale Ave	Bridge Replacement on Hilldale Avenue over Powwow River [069/066]	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	0	Bridge - No Alt Routes	Limited Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH	Bridge Program	0.3950	\$ 720,000
LRTP	33	6001014	Region	NH 125	Route 125 and Interstate 495 Interchange Cross-Border ITS: Deployment of Advanced Traveller Information Services and Communications upgrades to coordinate traffic flow information across the MA-NH border.	Moderate Positive Impact	Minimal Positive Impact	Neutral/ No Impact	23000	14 - Other Principal Arterials (Urban)	Limited Focus	Moderate Frequency	Road - Poor Condition	Roadway	LOW	MODERATE		0.3934	\$ 600,000
LRTP	34	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		0.3920	\$ 2,875,000

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LRTP	35	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		0.3920	\$ 2,760,000
LRTP	36	6001016	Region	Multiple	Park-and-Ride ITS Improvements: Deploy surveillance, parking sensors, and signage at Park-and-Ride facilities. From Regional ITS Architecture.	Minimal Positive Impact	Neutral/ No Impact	Minimal Positive Impact	NA	14 - Other Principal Arterials (Urban)	Average Focus	No Reported Accidents	Road - New Facility	Roadway	LOW	HIGH		0.3879	\$ 810,000
LRTP	37	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		0.3876	\$ 1,000,000
LRTP	38	6147008	Epping	Blake Rd	Bridge Replacement, Blake Road over Lamprey River [059/054]	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	1200	Bridge - Single Alt Route	Limited Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH	Bridge Program	0.3851	\$ 660,000
LRTP	39	6379015	Portsmouth	Cate Street	Replace bridge in collaboration with local development plans	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	1500	Bridge - Single Alt Route	Average Focus	Low Frequency	Bridge	Bridge - Poor Condition	MODERATE	MODERATE	Bridge Program	0.3813	\$ 480,000
LRTP	40	6405001	Sandown	Phillips Rd	Bridge Replacement on Phillips Road over Exeter River [093/109]	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	0	Bridge - Few Alt Routes	Average Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH	Bridge Program	0.3813	\$ 480,000
LRTP	41	6405002	Sandown	Fremont Rd	Bridge rehab/replacement on Fremont Road over Exeter River - 098/117	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	0	Bridge - Few Alt Routes	Average Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH	Bridge Program	0.3813	\$ 420,000
LRTP	42	6379013	Portsmouth	Bartlett St	Bridge upgrade / replacement over Hodgson Brook	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	17000	Bridge - Few Alt Routes	Average Focus	Low Frequency	Bridge	Bridge - Poor Condition	MODERATE	MODERATE	Bridge Program	0.3794	\$ 342,000
LRTP	43	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		0.3749	\$ 873,600
LRTP	44	6147009	Epping	Main St	Repair/Replacement of Main Street bridge over Lamprey River [109/055]	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	5300	Bridge - Few Alt Routes	Limited Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH	Bridge Program	0.3722	\$ 744,000
LRTP	45	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
LRTP	46	6417001	South Hampton	Whitehall Rd	Bridge Replacement on Whitehall Road over Powwow River [099/062]	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	530	Bridge - Single Alt Route	Limited Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	MODERATE	Bridge Program	0.3522	\$ 306,000
LRTP	47	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	Local Road limits eligibility for Federal Funds	0.3516	\$ 1,400,000
LRTP	48	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		0.3488	\$ 1,210,000
LRTP	49	6135001	East Kingston	NH 107	Improve Sight distance at intersection of NH 107 & Willow Road. Source: 2001-2003 TIP Proposal	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	5200	7 - Major Collector (Rural)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	MODERATE	Technically eligible, unclear as to need	0.3485	\$ 76,800
LRTP	50	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
LRTP	51	6055002	Brentwood	NH 111A	Reconfigure the intersection of NH 111A and Pickpocket Road from a "Y" to a "T" alignment	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	2300	17 - Collector (Urban)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	MODERATE	MODERATE	While eligible for the Ten Year Plan, using SAH or Betterment would be more likely to happen and much sooner	0.3460	\$ 96,000
LRTP	52	6399003	Salem	Haverhill Rd.	Bridge Replacement. Haverhill Road over Spicket River [097/181]. Municipally Managed Project.	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	2400	Bridge - Few Alt Routes	Limited Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH	Bridge Program	0.3414	\$ 921,600
LRTP	53	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	Local Road limits eligibility for Federal Funds	0.3365	\$ 700,000
LRTP	54	6341001	Newton	Pond Rd	Pond Road Over B&M RR - Structurally Deficient 064/107	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	520	Bridge - Few Alt Routes	Limited Focus	Low Frequency	Bridge	Bridge - Poor Condition	LOW	MODERATE	Bridge Program	0.3350	\$ 2,070,000
LRTP	55	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	Traffic volumes indicate no widening needed	0.3277	\$ 3,829,500
LRTP	56	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

Table 2: Draft Prioritized Project Listing

CurrentDoc	Program Rank	RPCProjNum	CityTown	Roads	Scope	Congestion	Freight Mobility	Improves Accessibility	Volume	Facility Importance	Safety Measures	Safety Performance	Service Life	Current Asset Condition	LocalPriority 2017	Regional Support	Notes	Total	TotalCost
LRTP	57	6055001	Brentwood	North Road	Realign the intersection of Prescott Road and North road from a "Y" alignment to a "T" alignment	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	Unknown	19 - Local (Urban)	Major Focus	Low Frequency	Road - Fair Condition	Roadway	MODERATE	MODERATE	While eligible for the Ten Year Plan, using SAH or Betterment would be more likely to happen and much sooner	0.3195	\$ 96,000
LRTP	58	6379001	Portsmouth	New Hampshire Ave/ Durham St/ Corporate Drive/ 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	Local Road limits eligibility for Federal Funds	0.3163	\$ 1,100,000
LRTP	59	6379034	Portsmouth	International Dr/ Manchester Square/ 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		0.3147	\$ 300,000
LRTP	60	6379018	Portsmouth	Pierce Island Rd	Replace Pierce Island Bridge over Little Harbor	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	1200	Bridge - No Alt Routes	Limited Focus	No Reported Accidents	Road - Fair Condition	Roadway	HIGH	HIGH	Bridge Program	0.3077	\$ 2,875,000
LRTP	61	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		0.3053	\$ 900,000
LRTP	62	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.	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	7200	Bridge - Few Alt Routes	No Focus	Low Frequency	Bridge	Bridge - Poor Condition	HIGH	HIGH		0.3033	\$ 1,150,000
LRTP	63	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		0.2943	\$ 1,840,000
LRTP	64	6167002	Fremont	Scribner Rd	Scribner Road over Exeter River - Structurally deficient bridge 106/076. Source: NHDOT 2002 Red List Bridge Summary	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	220	Bridge - Few Alt Routes		Low Frequency	Bridge	Bridge - Poor Condition	LOW	MODERATE	Bridge Program	0.2918	\$ -
LRTP	65	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		0.2899	\$ 250,000
LRTP	66	6399005	Salem	Lawrence Rd	Bridge Rehabilitation on Lawrence Road over Spicket River [113/070]	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	6500	Bridge - Few Alt Routes	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	Bridge Program	0.2774	\$ 240,000
LRTP	67	6399002	Salem	Emerson Way	Bridge Replacement. Emerson Way over Widow Harris Brook [114/108]. Municipally managed project	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	150	Bridge - Many Alt Routes	Limited Focus	Low Frequency	Road - Fair Condition	Roadway	HIGH	HIGH	Bridge Program	0.2535	\$ 720,000
LRTP	68	6021001	Atkinson	Hilldale Ave	Upgrade Hilldale Avenue in Atkinson	Neutral/ No Impact	Neutral/ No Impact	Neutral/ No Impact	Unknown	19 - Local (Urban)	No Focus	Low Frequency	Road - Fair Condition	Roadway	LOW	MODERATE	Local Road limits eligibility for Federal Funds	0.2017	\$ 403,200