Long Range Transportation Plan Covering Fiscal Years 2021-2045

FIGURE 5.6 - Long Range Projects DRAFT - 2/09/2021

	State								First
RPC Project #	Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	Year of CON
Brentwo	bod								
6055002		Local	NH 111A	Reconfigure the intersection of NH 111A and Pickpocket Road from a "Y" to a "T" alignment	\$28,145	\$0	\$140,723	\$168,868	2031
Epping									
6147006		Inter- Regional	NH 125	Signalize intersection of NH 125 with Lee Hill Road (NH 155)	\$211,554	\$7,052	\$1,551,399	\$1,770,005	2031
6147007		Inter- Regional	NH 125	Widen NH 125 from NH 87 to Lee Hill Road	\$1,190,516	\$0	\$8,387,458	\$9,577,974	2039
6147005		Inter- Regional	NH 125	Signalize the southern intersection of NH 125 with North River Road. Realign North River Road to eliminate skewed angle approaches to NH 125	\$238,342	\$0	\$1,259,378	\$1,497,720	2039
Greenla	nd								
6187003		Regional	NH 33	Analyze the intersection to determine what improvements will be necessary to mitigate the traffic issue. The RPC produced a Memo on March 12, 2019 reviewing the potential installation of a Roundabout. Further detailed review and community input is necessary in order to evaluate what mitigation measures are best suited for the Route 33 corridor. Any improvement may impact the adjoining bridge. Providing pedestrian and bike access over the Winnicut River is critical.	\$819,043	\$819,043	\$8,419,758	\$10,057,84 4	2035
Hampto	n								
6197019		Regional	Ocean Blvd	Capacity and traffic flow improvements on Ocean Boulevard from Dumas Avenue to the Winnacunnet Road Intersection	\$1,317,676	\$1,354,571	\$7,357,851	\$10,030,09 7	2035

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6197012	42606	Local	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	\$172,209	\$60,663	\$948,789	\$1,181,661	
6197005	41584	Inter- Regional	NH 101/ US 1	NH 101/ US 1 interchange reconfiguration as per the outcome of the feasibility study	\$740,852	\$205,792	\$6,461,874	\$7,408,518	
6197009		Local	High Street	Repaving / reconstructing urban compact streets. This project would rebuild High Street (NH 27) within the urban compact area. Work would include reconstruction of the roadway, drainage, sidewalks, replacing traffic signals and improved street lighting.	\$2,334,286	\$0	\$16,906,048	\$19,240,33 4	2043
6197010		Local	Winnacunnet Rd	Repaving / reconstructing urban compact streets. This project would rebuild all of the Winnacunnet Road within the urban compact area. Work would include reconstruction of the roadway, drainage, sidewalks, replacing traffic signals and improved street lighting.	\$2,304,895	\$0	\$16,693,188	\$18,998,08 3	2041
6197011		Local	Church Stret	Repaving / reconstructing urban compact streets. This project would rebuild all of Church Street within the urban compact area. Work would include reconstruction of the roadway, drainage, sidewalks, replacing traffic signals and improved street lighting.	\$467,107	\$0	\$3,383,023	\$3,850,130	2040
6197002		Inter- Regional	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.	\$1,522,360	\$2,318,498	\$10,725,373	\$14,566,23 2	2040
6197020		Regional	Ocean Blvd	Capacity and traffic flow improvements on Ocean Boulevard from Winnacunnet Road to High Street	\$1,910,638	\$1,964,135	\$10,095,656	\$13,970,42 9	2035
6197014		Regional	Ocean Blvd	Capacity and traffic flow improvements on Ocean Boulevard from the Highland Avenue Intersection to the Church Street Intersection	\$874,425	\$898,909	\$5,019,471	\$6,792,805	2033

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6197018		Regional	Ocean Blvd	Capacity and traffic flow improvements on Ocean Boulevard from Great Boars Head Avenue to Dumas Avenue	\$520,942	\$535,528	\$2,752,613	\$3,809,083	2033
6197017		Regional	Ocean Blvd	Capacity and traffic flow improvements on Ocean Boulevard from Church Street to Great Boars Head Avenue	\$1,222,168	\$1,256,388	\$6,457,836	\$8,936,392	2032
6197016		Regional	Ocean Blvd	Capacity and traffic flow improvements on Ocean Boulevard from the Hampton Harbor Bridge to the Southern Ashworth Avenue/Ocean Blvd split	\$869,912	\$894,269	\$4,725,246	\$6,489,427	2032
6197015		Regional	Ashworth Avenue	Complete Streets improvements on Ashworth Avenue	\$112,829	\$115,988	\$612,872	\$841,690	2031
6197004		Regional	NH 27	Shoulder bicycle lanes on NH 27 from Exeter town line to US 1. Complete the Exeter-Hampton-North Hampton bicycle route loop, and work with NH DOT on developing and installing bike route markers.	\$438,784	\$789,372	\$2,202,573	\$3,430,729	2038
Hampto	n Falls								
6199003		Regional	US 1	Route 1 - Provide full shoulder and access management improvements from Lincoln Avenue to Hampton town line. From US 1 Corridor Study.	\$403,898	\$0	\$2,193,919	\$2,597,816	2037
6199001		Regional	US 1	Route 1 - Realign and add traffic signal at NH 84. Remove set of traffic signals at NH 88 EB and improve roadway for bi- directional travel on NH 88 adjacent to intersection. Add streetscape/landscape improvements. From US 1 Corridor Study.	\$917,268	\$0	\$6,286,343	\$7,203,611	2033
6199002		Regional	US 1	Improve Route 1 from Seabrook Town line to Kensington Road (NH 84). Includes provision of full shoulder, access management improvements. From US 1 Corridor Study.	\$392,896	\$0	\$2,193,919	\$2,586,815	2037
Hampto	n Falls-I	Hampton							
6001019		Regional	East Coast Greenway	Construct rail trail on 2.3 miles of the abandoned Hampton Branch rail corridor, elevatiing the causeway through the marsh 2'-3' for resiliency purposes and span washouts with sections of boardwalk.	\$533,080	\$0	\$4,633,004	\$5,166,085	2030
Kensingt	ton								

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6239001	42610	Regional	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	\$378,861	\$205,792	\$1,884,808	\$2,469,461	
Newfiel	ds								
6327004		Regional	NH 108	Add shoulders to NH 108 within town of Newfields	\$37,178	\$0	\$589,345	\$626,523	2039
6327003		Local	NH 85	Rebuild roadway and sidewalks to include bike lanes and landscape features	\$60,585	\$0	\$3,201,243	\$3,261,828	2042
6327002		Local	NH 87	Widen shoulders and install sidewalks	\$62,281	\$8,304	\$533,541	\$604,126	2042
Newing	ton								
6331003		Local	Nimble Hill Rd	Install shoulders along Nimble Hill Road from Shattuck Way to Arboretum Drive.	\$0	\$165,907	\$0	\$165,907	2033
6331003		Local	Nimble Hill Rd	Install shoulders along Nimble Hill Road from Shattuck Way to Arboretum Drive.	\$161,387	\$0	\$852,757	\$1,014,144	2033
6331001		Local	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.	\$392,896	\$0	\$2,827,283	\$3,220,179	2039
North H	ampton	1							
6345010		Regional	NH 111	Reconfigure the intersection of NH 111 and NH 151 in North Hampton to a more standard layout. Estimate assumes roundabout at the southerly 111/151 intersection and lesser improvements elsewhere.	\$485,755	\$0	\$0	\$485,755	2039
6345001		Inter- Regional	US 1	Widen US 1 from Hampton town line to Atlantic Avenue (NH 111) to five lanes. Add fourth leg to Home Depot intersection and discontinue Fern road. From US 1 Corridor Study.	\$2,972,132	\$0	\$21,014,869	\$23,987,00 1	2045
6345004		Inter- Regional	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.	\$1,102,568	\$0	\$7,985,344	\$9,087,912	2044

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6345008		Inter- Regional	US 1	Provide full shoulders for three lane section of US 1 between North Road and new traffic signal in the vicinity of Lafayette Terrace. From US 1 Corridor Study.	\$245,015	\$0	\$1,259,378	\$1,504,393	2042
6345003		Inter- Regional	US 1	Provide full shoulder to three lane section from Glendale Road to Hobbs road. From US 1 Corridor Study.	\$245,015	\$0	\$1,259,378	\$1,504,393	2042
6345005		Inter- Regional	US 1	Provide full shoulder for 3 lane section from Elm Road to south of North Road. From US 1 Corridor Study.	\$190,673	\$0	\$980,061	\$1,170,734	2041
6345010		Regional	NH 111	Reconfigure the intersection of NH 111 and NH 151 in North Hampton to a more standard layout. Estimate assumes roundabout at the southerly 111/151 intersection and lesser improvements elsewhere.	\$0	\$499,356	\$3,518,079	\$4,017,436	2039
6345011		Inter- Regional	US 1	Capacity improvements at Intersection of US 1 and Atlantic Avenue (NH 111) including safety improvements for bicycle and pedestrian access	\$99,592	\$97,655	\$1,032,003	\$1,229,250	2037
6345009		Inter- Regional	US 1	Improve shoulders from the New North Road access point to the Rye town line. New signal and widen to five lanes in the vicinity of Lafayette Terrace connecting residential and commercial properties on each side of US 1. From US 1 Corridor Study.	\$822,279	\$0	\$5,793,139	\$6,615,418	2042
North Ha	ampton	- Greenla	and						
6001008		Regional	NH 151	Shoulder improvements (safety and bicycle improvement) on NH 151 from NH 111 to NH 33 .	\$596,945	\$0	\$4,323,372	\$4,920,317	2044
Plaistow	,								
6375002		Inter- Regional	Rail	Extension of MBTA Commuter Rail Service from Haverhill, MA to Plaistow. Construct platform & enclosed waiting area. Acquire easement for construction of rail siding. Acquire land for locomotive layover facility. Operate 10 round trips [10-17CM]	\$0	\$4,826,446	\$0	\$4,826,446	
6375004		Local	NH 121A	Intersection improvements at North Avenue And NH 121A In Plaistow	\$489,217	\$0	\$3,543,153	\$4,032,370	2037
Portsmo	outh								

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6379021		Inter- Regional	US Route 1 Bypass	Functional and operational Improvements to the US 1 Bypass traffic circle. Assumes at grade circle/roundabout or intersection	\$1,362,397	\$0	\$9,598,395	\$10,960,79 2	2032
6379006		Inter- Regional	US Route 1 Bypass	reconstruct the US 1 Bypass to current standards between the split from Lafayette Road to just south of the traffic circle.	\$2,902,634	\$0	\$19,892,715	\$22,795,34 9	2034
6379010		Inter- Regional	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.	\$225,535	\$695,549	\$1,984,623	\$2,905,707	2040
6379002	42611	Regional	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	\$118,021	\$0	\$527,219	\$645,240	
6379034	42612	Local	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	\$90,994	\$0	\$296,561	\$387,555	
6379027	42608	Local	Market St and Russell St	Intersection improvements are required to improve traffic flow and safety. A roundabout is currently being considered for this location.	\$236,042	\$62,361	\$1,096,236	\$1,394,639	
6379007	40908	Local	Maplewood Ave	Upgrade the railroad crossing on Maplewood Ave between Vaughan and Deer Streets.	\$152,013	\$0	\$467,500	\$619,513	
6379018		Local	Pierce Island Rd	Replace Pierce Island Bridge over Little Harbor	\$736,681	\$0	\$5,796,246	\$6,532,927	2044
6379037		Local	South St.	Reconfiguration of the intersection of South Street and Middle Road to limit the speed of vehicles turning onto South Street, construction of curbing and a sidewalk along the south side of Middle Road and South Street, and installation of a pedestrian crosswalk at the intersection.	\$38,219	\$0	\$451,831	\$490,050	2042
6379031		Local	Junkins Ave	This is an upgrade to an existing facility to address substandard conditions. It will include improvements to the road bed, drainage, and sidewalk improvements as well as bicycle lanes on at least one side of the road.	\$103,802	\$0	\$1,600,622	\$1,704,423	2041

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6379035		Regional	Grafton Drive	Install a signal and widen Grafton Drive, Country Club Road and the access to the Portsmouth Transportation Center to add right and left turning lanes.	\$415,207	\$0	\$2,987,827	\$3,403,034	2041
6379005		Local	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.	\$423,109	\$0	\$8,699,115	\$9,122,224	2031
6379036		Local	Local Streets	Install 10 new crosswalks along McKinley Road and Harding Road including 1 raised crosswalk, speed radar signs at three locations, intersection improvements at 3 locations, a curb extension at 1 location, and new sidewalks along one side of McKinley Road, Harding Road, Van Buren, and Adams.	\$0	\$0	\$1,858,925	\$1,858,925	2040
6379012		Local	Coakley Rd	Upgrade / replace aging bridge.	\$605,846	\$0	\$2,076,033	\$2,681,880	2040
6379015		Local	Cate Street	Replace bridge in collaboration with local development plans	\$471,476	\$0	\$2,746,503	\$3,217,979	2039
6379013		Local	Bartlett St	Bridge upgrade / replacement over Hodgson Brook	\$108,926	\$0	\$575,554	\$684,480	2039
6379003		Local	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.	\$573,292	\$0	\$2,160,930	\$2,734,223	2038
6379033		Local	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	\$0	\$0	\$1,528,780	\$1,528,780	2037
6379033		Local	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	\$371,785	\$0	\$0	\$371,785	2037
6379032		Local	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.	\$278,839	\$0	\$1,433,231	\$1,712,070	2037

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6379001		Local	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.	\$527,712	\$0	\$1,487,140	\$2,014,852	2036
6379020		Inter- Regional	US Route 1 Bypass	Reconstruct the Northern segment of the US 1 Bypass between the traffic circle and the Sarah Long Bridge to current standards	\$2,295,313	\$0	\$16,171,003	\$18,466,31 6	2036
6379029		Local	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.	\$47,774	\$0	\$467,107	\$514,882	2040
Raymon	d								
6383004		Regional	NH 27	Address safety and capacity issues at the intersection of NH 27 and NH 156	\$180,168	\$89,177	\$1,551,399	\$1,820,743	2031
6383003		Regional	NH 156	Address sight distance issues to improve safety at NH 156/Ham Road/Harriman Hill Road intersection	\$42,683	\$43,878	\$451,070	\$537,631	2042
6383001		Regional	NH 102	Safety improvements at the NH 102 intersection with Blueberry Hill Road	\$39,290	\$40,390	\$426,832	\$506,512	2040
6383002		Regional	NH 27	Address skewed angle intersection of Dudley Road with NH 27 through realignment	\$40,390	\$40,390	\$426,832	\$507,612	2040
Region									
6001015		Inter- Regional	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.	\$512,199	\$0	\$3,510,270	\$4,022,469	2038
6001014		Inter- Regional	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.	\$213,416	\$0	\$1,096,959	\$1,310,376	2038
6001016		Inter- Regional	Multiple	Park-and-Ride ITS Improvements: Deploy surveillance, parking sensors, and signage at Park-and-Ride facilities. From Regional ITS Architecture.	\$288,112	\$0	\$1,522,360	\$1,810,472	2039

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
Rye									
6397001		Inter- Regional	US 1	Improve shoulders on US 1 from Breakfast Hill Road to Portsmouth city line	\$463,700	\$0	\$2,450,152	\$2,913,852	2041
6397003		Inter- Regional	US 1	Improve Shoulders on US 1 from North Hampton Town line to Breakfast Hill Road. Realign Dow Road to 90 degree approach.	\$286,010	\$0	\$1,511,254	\$1,797,264	2042
6397002		Inter- Regional	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.	\$710,435	\$0	\$5,289,388	\$5,999,823	2042
Sandow	'n								
6405001	41412	Local	Phillips Rd	Bridge Replacement on Phillips Road over Exeter River [093/109]	\$109,193	\$6,066	\$813,593	\$928,852	
Seabroc	ok								
6409006		Regional	NH 1A	Bicycle shoulders and curbed sidewalk linking Seabrook Beach community with Hampton Beach [future TE].	\$118,472	\$0	\$592,358	\$710,830	2028
6409007	42609	Regional	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.	\$153,000		\$765,000	\$918,000	
6409001		Regional	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	\$716,616	\$0	\$4,911,205	\$5,627,821	2033
6409002		Regional	US 1	Widen US 1 to 5 lanes between Walton Road and Gretchen Road From US 1 Corridor Study.	\$789,811	\$0	\$5,412,836	\$6,202,647	2038
Seabroc	ok-Hamp	oton							
6001018		Regional	NH 1A	Route 1A Evacuation ITS Improvements: Deployment of Route 1A contra-flow signage, VMS, surveillance, and communications upgrades. From Regional ITS Architecture	\$548,091	\$0	\$3,969,542	\$4,517,632	2037
South H	ampton	I							

RPC Project #	State Project #	Scale	Location	Scope	PE	ROW	CON	Total Cost	First Year of CON
6417002		Local	Hilldale Ave	Bridge Replacement on Hilldale Avenue over Powwow River [069/066]	\$263,270	\$0	\$1,391,099	\$1,654,369	2036
6417001		Local	Whitehall Rd	Bridge Replacement on Whitehall Road over Powwow River [099/062]	\$118,243	\$0	\$591,217	\$709,460	2036
Strathar	m								
6431002		Regional	Squamscott Rd	Shoulder Bike Lanes On Squamscott Road From NH 108 To NH 33	\$0	\$0	\$2,736,311	\$2,736,311	2044
6431001		Regional	Rte. 108 and 33 / Portmouth 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.	\$513,338	\$423,577	\$4,355,273	\$5,292,188	2031
6431006		Regional	NH 111	Install a roundabout (estimating 100' diameter) within a combination of the NH-111 right-of-way and modified Marin Way right-of-way (realignment, throat widening, etc.).	\$205,335	\$0	\$1,055,424	\$1,260,759	2038
6431004		Regional	NH 108	NH 108/ Frying Pan Lane/ River Rd Signalization And Realignment And Lane Improvements. Source: 2001-2003 TIP Proposal	\$319,435	\$0	\$1,687,867	\$2,007,301	2038
6431005		Regional	NH 33	Full signalization of the Route 33/Portsmouth Avenue and Winnicutt Road intersection.	\$42,683	\$32,909	\$329,088	\$404,680	2041

\$385,86 1,168.17