

MINUTES
Rockingham Planning Commission
Metropolitan Planning Organization
July 10, 2019

Hampstead Town Office, Hampstead NH

Commissioners/MPO Reps Present: B. Kravitz, Chairman (Hampton); M. Turell (Atkinson); S. Hastings, A. Davis (Hampstead); P. Wilson (North Hampton); L. Cushman (Stratham); M. McAndrew (New Castle); J. Doggett (Newton); R. Nichols (C&J); G. Coppelman, P. Coffin (Kingston);

Guests: L. Wilson (North Hampton); S. Kravitz (Hampton)

Staff: T. Roache (Executive Director); D. Walker (Assistant Director); S. Bogle (Sr. Transportation Planner); A. Pettengill (Business Manager)

- 1. Call to Order: Kravitz convened the MPO meeting at 7:10 p.m.**
- 2. MPO Minutes April 10, 2019**

Nichols noted that he represented C&J and not COAST as erroneously listed in the attendance. *Coppelman moved to approve Minutes of April 10, 2019 with correction; Doggett seconded. SO VOTED. (2 abstentions)*

- 3. Public Hearing - Amendment #1 2019 Transportation Improvement Program – D. Walker**

Kravitz opened the Public Hearing at 7:15 p.m.

Walker reviewed Amendment #1 and the four statewide programs and one statewide project that were amended. He also reviewed how to read the TIP Revision Report. He noted there is no reason to worry about Air Quality Conformity since the MPO has been in attainment since 2013 and will rely on the previous analyses. He also noted that Fiscal Constraint is maintained. The Technical Advisory Committee (TAC) has reviewed the amendments and recommended approval by the Policy Committee. *Coppelman moved to approve the TIP Amendment #1; Doggett seconded. SO VOTED.*

Kravitz closed the Public Hearing at 7:20 p.m.

- 4. Congestion Management Process (CMP) Update - D. Walker**

Walker explained that June 14th was the deadline for submittal of letters of interest for the 2019 funding round for federal Congestion Mitigation/Air Quality (CMAQ) program administered by NH Dept of Transportation. This is a regional approach to manage congestion through planning

and environmental review processes. He referred to a list of Letters of Interest as part of Attachment 3. Twelve letters of interest were received from four MPO towns and five other agency projects. RPC and DOT staff will work together on analysis of each project's air quality benefits. Walker noted that the RPC is updating the CMP at this time because FHWA put us in Corrective Action since our CMP is 10 years old. He stated that we now have purchased some travel time data to address the federally required performance measures. Discussion followed.

5. Project Updates

- a. Congestion Mitigation & Air Quality Program (CMAQ) Update: Bogle explained that CMAQ is a federally funded program where 80% of the funds are used to reduce traffic congestion and improve air quality. The next round has begun and the MPO received 12 letters of interest. There will be project selection criteria established for reviewing the projects. Full applications are due to NHDOT by September 6th and the RPC's ranking of the projects is due November 1st.
- b. 2021-2030 Ten Year Plan Update: Walker noted that NHDOT held the hearing and presented the Plan which includes a focus on pavement preservation and reduction of red list bridges; completing I93 and Exit 4A. He also noted that July 31st is the first GACIT meeting in Kingston at the Library at 2 p.m.; August 14th is the first hearing for the Draft 10 Year Plan. Discussion followed regarding the lack of multi-modal transit in the region and how to get that in the TIP and prioritize transit projects in general. Walker also stated that the Corridor Study Program plan is coming soon. This is a document that looks at priorities for FY 21 in transportation corridors around the region.
- c. Bicycle Level of Traffic Stress Input: Bogle explained that the RPC applied for and received \$100k in grant funds to incorporate Bike Traffic Stress (4 basic stress levels riders experience in the region) into MPO Performance Based Planning in an effort to get more robust multi-modal projects into the Long Range Plan. The project involves data collection and refining of a model to gain a performance measure which can then be used in project identification and prioritization. Timeline is as follows: network analysis-July; package results-August; performance measures implementation -Aug & Sep; report development -Aug & Sep; peer sharing-Oct & Nov. The public will be asked to look at maps and input their experience on stressful biking areas or locations.

6. Public Comment – None

7. **Kravitz thanked Alan Davis for his hospitality and the Town of Hampstead for hosting. Meeting adjourned at 8:15 p.m.**

Respectfully submitted
Annette Pettengill, Recording Secretary

Memorandum

DATE: October 4, 2019
TO: MPO Policy Committee
FROM: David Walker
RE: Draft Ten Year Plan

The draft 2021-2030 State Ten Year Plan was released by NHDOT on August 12, 2019 and includes the six priority projects recommended by the MPO (as well as a few other new entries) as well as the projects that were already part of the document that have yet to be completed. The attached table provides a summary overview of the 46 included projects within the MPO region with all new projects highlighted with ** on the left side of the table. The right side of the table includes the page number on which each project appears in the 8/12/19 version of the Draft Ten Year Plan. Debt Service and Transit Agency projects are included separately at the end as they cover the entire Ten Year Plan (mostly).

There are a handful of projects that do not appear in the draft as they have been completed or are anticipated to be advertised/completed prior to the start of FY 2021. This includes the following projects:

- Hampton-Portsmouth 26485 – Hampton Branch Rail Corridor Purchase and trail construction
- Hampton Falls 29610 – US 1/NH 88/NH 84 Traffic Flow Improvements Study
- North Hampton 24457 – US 1 Bridge over B&M Railroad
- Portsmouth 27690 – US 1 Bypass Hodgson Brook Culvert Rehabilitation
- Portsmouth 13455D – Replacement of Woodbury Ave and Start Street Bridges over the US 1 Bypass
- Salem 41750 – Salem Bike-Ped Corridor extension
- Salem to Manchester 14633J – Construct 4th lane northbound and southbound on I-95

Councilor Prescott has held two hearings already with good turnout in Hampton on September 23 and Salem on October 1. There are two remaining Ten Year Plan Hearings scheduled for the RPC region where the public will have the opportunity to hear NHDOT's presentation on the process and funding constraints, the MPO project selection process and priorities, as well as provide feedback on the draft plan. These hearings for Executive Council District 3 will occur on October 8 at the Portsmouth Public Library, and October 28 at the Kingston Library and both hearings will begin at 6:00 PM. In addition, in an effort to expand opportunities for public involvement, NHDOT has developed an online survey asking for input on larger strategic approaches to the Ten Year Plan and project types in New Hampshire. The survey can be found on the NHDOT website (www.nh.gov/dot) and takes about 10 minutes to complete.

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** 42610	Kensington	NH 107/NH150	Intersection realignment and upgrades	2025	2028	2030	\$ -	\$ 2,469,461	\$ -	\$ 2,469,461	79
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11238U	Newington	NH 16 / US 4 / SPLDG TPK	Highway and Bridge Maintenance Facility Construction between Exit 3 and 4 along NH16			2021	\$ 3,866,324	\$ 3,258,760	\$ -	\$ 7,125,084	120
11238V	Newington	NH 16 / US 4 / SPLDG TPK	Environmental Remediation at the former Newington Country Store Site	2021			\$ 102,963	\$ 31,712	\$ -	\$ 134,674	121
41436	Newton	Pond Street	Address the Red List bridge carrying Pond Street over PAR in the Town of Newton (064/107)	2023		2026	\$ -	\$ 1,622,108	\$ -	\$ 1,622,108	122
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40645	Plaistow	NH 125	Signal coordination and control along corridor from Mass S/L to Old County Road	2023	2025	2026	\$ -	\$ 1,339,141	\$ -	\$ 1,339,141	132
40641	Plaistow	NH 121A / Main Street	Traffic Calming and Safety Improvements	2021	2023	2025	\$ 110,000	\$ 1,127,681	\$ -	\$ 1,237,681	132
15731	Portsmouth, NH- Kittery, ME	US 1 Bypass	Bridge Replacement, US 1 Bypass over Piscataqua River (Sarah Mildred Long Bridge) (Red List)		2021		\$ 216,170,446	\$ 5,733,156	\$ -	\$ 221,903,602	133
16189	Portsmouth, NH- Kittery, ME	I-95	Preservation of Bridge over Piscataqua River (High Level Bridge)			2021	\$ 42,724,687	\$ 11,014,157	\$ -	\$ 53,738,844	134
16189B	Portsmouth, NH- York, ME	I-95	ITS Improvements to I-95 from Portsmouth, NH to York, ME			2021	\$ 1,267,143	\$ 4,651,389	\$ -	\$ 5,918,532	134
29640	Portsmouth	US 1	US Rte 1 Improvements (1.7 mi.) from Constitution Dr to Wilson Rd & from Ocean Rd to White Cedar Dr	2022	2022	2025	\$ 1,265,000	\$ 10,337,654	\$ -	\$ 11,602,654	135
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** 42608	Portsmouth	Market St/Russell St	Intersection Improvements	2026	2028	2029	\$ -	\$ 1,394,639	\$ -	\$ 1,394,639	137
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12334	Salem	NH 28	Reconstruct Depot Intersection NH 28 Broadway and NH 97 Main Street add turn lanes on NH 28 MUPCA			2021	\$ 10,691,530	\$ 1,542,000	\$ -	\$ 12,233,530	147
41412	Sandown	Phillips Road	Bridge Replacement - Phillips Road over Exeter River - BR. #093/109	2027	2027	2027	\$ -	\$ 700,317	\$ -	\$ 700,317	148
41712	Seabrook	US-1	Capacity Improvements on US 1 between New Zealand Road and the Hampton Falls Town Line.		2021	2023	\$ 300,000	\$ 2,668,081	\$ -	\$ 2,968,081	149
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Total							\$ 362,822,613	\$ 214,650,506	\$ -	\$ 577,473,225	

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CART 5307	CART	CART	CART Operating, ADA, Capital Preventive Maintenance, Planning, FTA 5307 Funds	2021-2030				\$ 6,621,433		\$ 6,621,433	189
CART 5310	CART	CART	CART funding for Seniors and Individuals with Disabilities. Annual FTA Section 5310 Apportionment	2021-2030				\$ 1,650,278		\$ 1,650,278	189
CART 5339	CART	CART	CART funding for Capital Vehicles and Equipment. Annual FTA Section 5339 Apportionment	2021-2030				\$ 535,210		\$ 535,210	190
COAST 5307	COAST	COAST	COAST Operating, ADA, Capital Preventive Maintenance, Planning, FTA 5307 Funds	2021-2030				\$ 29,528,017		\$ 29,528,017	192
Total							\$ -	\$ 49,938,974	\$ 7,199,354	\$ 57,138,328	

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MEMORANDUM

To: MPO Policy Committee

From: Scott Bogle, Senior Transportation Planner

Date: October 4, 2019

RE: Congestion Mitigation/Air Quality (CMAQ) Proposal Evaluation

September 6th was the deadline for submitting proposals in the current funding round of the Congestion Mitigation/Air Quality (CMAQ) Program. While we received 12 letters of interest back in June from communities or agencies considering projects, only four full proposals were ultimately received from the RPC region. In aggregate these proposals request \$2,360,000 in federal funding and have a total project cost of \$2,950,000.

In addition, three projects were received from agencies outside the RPC region for projects which will benefit the region. These request an additional \$2,577,000 in federal funding. Statewide 21 full proposals were submitted requesting \$14,507,899 in federal funding. This compares to the approximately \$13.5 million pool available statewide for the two-year funding round.

Staff are in the process of developing analyses of the potential air quality benefits for the four projects originating in our region. These will be used to calculate an air quality improvement cost/benefit factor used in statewide project prioritization.

Staff are holding off in developing draft regional rankings for projects based on communication from NHDOT this week noting the possibility that NHDOT would fund all projects put forward that are ultimately determined eligible for CMAQ funding. The email indicated that one or more projects submitted may be determined ineligible by the Federal Highway Administration, and the removal of 1-2 projects would allow all remaining projects to be funded. Even if all projects are determined eligible, the total dollar value requested is only approximately 7% over the amount of funding NHDOT has indicated is available, and the Department's recent practice has been to approve a small number of additional projects to hold in reserve in case other projects do not move forward in a timely manner.

If the usual regional and statewide ranking process does turn out to be necessary, staff will bring project summary sheets and draft rankings to the meeting on Wednesday. In the meantime if you have questions please contact me at 603-658-0515 or sbogle@therpc.org.

Congestion Mitigation/Air Quality Program 2019 Application Round
Full Proposals submitted from RPC Region Communities

#	Applicant	Description	Estimated Project Cost	Federal CMAQ Funds Requested	Local Match	Federal CMAQ Share
19-05CMAQ	Pease Development Authority	<u>Electric Vehicle Charging Stations</u> - Install EV charging stations at two Pease TradePort locations including the Portsmouth International Airport passenger terminal and Pease Golf Course.	\$ 50,000	\$ 40,000	\$ 10,000	80%
19-04CMAQ	Pease Development Authority	<u>Turning Lane at Pease Blvd/Arboretum Dr/New Hampshire Ave</u> - Construct a northbound right turn lane on New Hampshire Avenue. Intersection was upgraded to a 4-way stop in 2016.	\$ 400,000	\$ 320,000	\$ 80,000	80%
19-12CMAQ	Town of Salem	<u>Traffic Signal Optimization on NH28</u> - Update Salem's Advanced Traffic Management System (ATMS) to include adaptive signal control technology and extend current signal coordination system on NH28 northward from Main Street to the Windham town line.	\$ 1,500,000	\$ 1,200,000	\$ 300,000	80%
19-13CMAQ	Town of Salem	<u>Salem Bike-Poed Corridor Phases IV & V</u> - Construct approximately one mile of multi-use trail on the Manchester and Lawrence rail corridor from Main Street to Rockingham Park Blvd. Part of the Granite State Rail Trail.	\$ 1,000,000	\$ 800,000	\$ 200,000	80%
Subtotal for Projects in RPC Region			\$ 2,950,000	\$ 2,360,000	\$ 590,000	80%
Full Proposals from Outside Agencies that Serve the RPC Region						
19-03CMAQ	UNH Wildcat Transit	<u>Fleet Replacement</u> - Purchase 2 new CNG Buses and one Diesel (B20 biodiesel) bus to replace 2006 Eldorado EZ-Rider II diesel 35' buses. Buses cost ~\$541,200/unit	\$ 2,164,800	\$ 1,200,000	\$ 964,800	55%
19-14CMAQ	NNEPRA	<u>Dover Siding Track Rehabilitation</u> - Rehabilitate 2-mile long siding in Dover and Rollinsford, enabling speed increase from 10mph to 30 mph, reducing train delays and improving safety.	\$ 1,071,250	\$ 857,000	\$ 214,250	80%
19-21CMAQ	NHDOT Traffic Bureau	<u>Statewide Traffic Signal Optimization</u> - Evaluate operational paraters to determin upgrades includig flashing yellow arrows and optimized signal timing at approximately 10 locations statewide.	\$ 625,000	\$ 500,000	\$ 125,000	80%
Subtotal for Project Outside but Serving RPC Region			\$ 3,861,050	\$ 2,557,000	\$ 1,304,050	66%
GRAND TOTAL FOR RPC REGION			\$ 6,811,050	\$ 4,917,000	\$ 1,894,050	72%

STATEWIDE TOTAL = 21 projects from 18 applicants requesting \$14,507,899 in Federal funding

2019 CMAQ summary

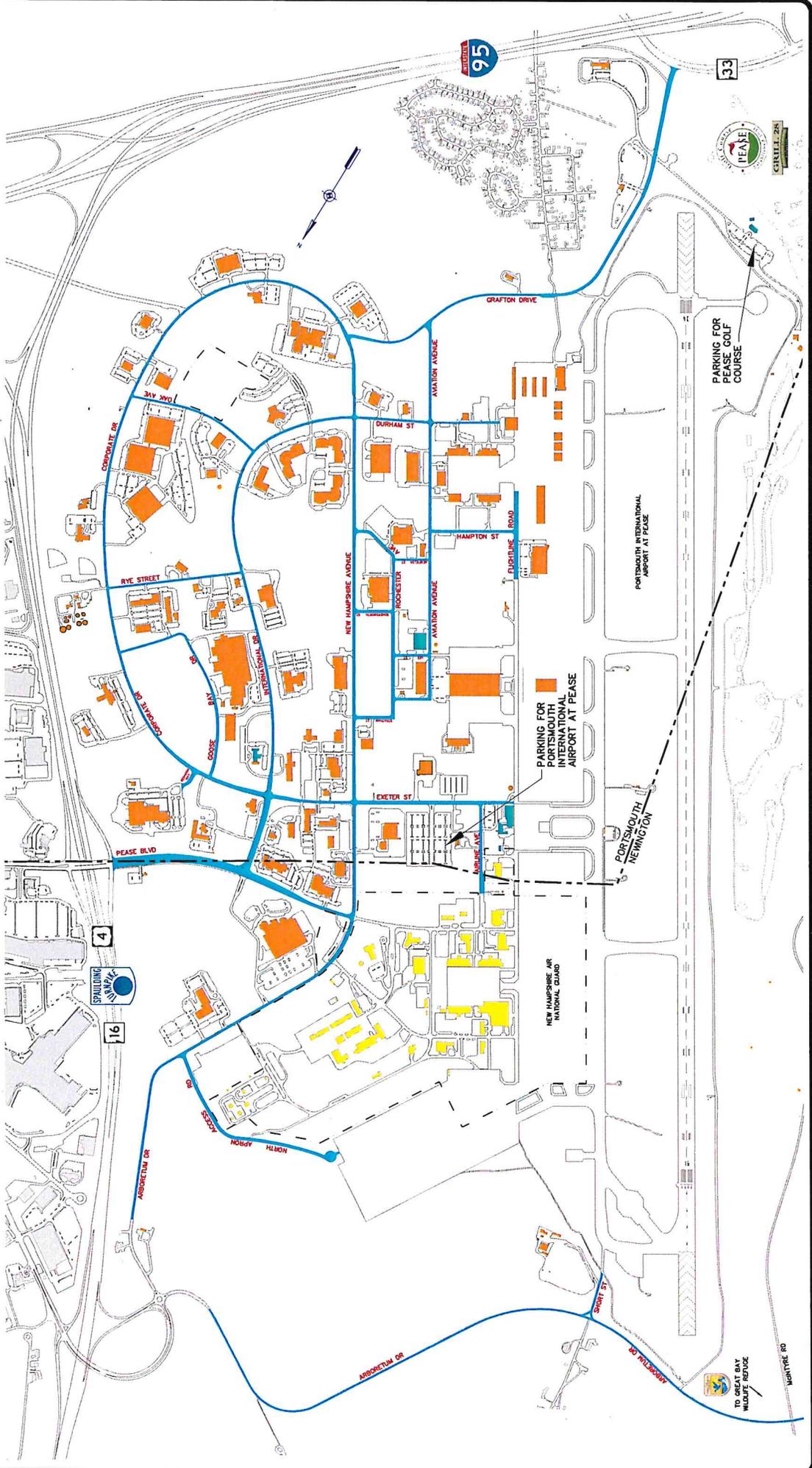
RPC	Town	ApplicationID	sponsor	Description	Fed \$ Infrastructure	Fed\$ Transit
Central NH RPC and NCC						
	Concord	19-20CMAQ	New Hampshire Department of Environmental Services	Purchase and install electronic vehicle charging stations at three locations. Concor at Hazen Drive: 3 dual nozzle Level 2 EVSE, and S. Fruit Street: 3 dual nozzle Level 2 EVSE. Franconia Notch (either at Cannon Mountain or the Flume): 3 dual nozzle Level 2 EVSE	\$163,240.00	
Lakes RPC						
	Belmont	19-17CMAQ	Town of Belmont	Intersection improvements at the intersection of NH140 and Main Street.	\$466,148.00	
Nashua RPC						
	Milford	19-19CMAQ	Town of Milford	Construct signals and intersection improvements a the Nashua Street / Pone Hill Intersection	\$642,080.00	
	Milford	19-18CMAQ	Town of Milford	Construct a 5' sidewalk and bicycle lane for approximately 1,900 LF from the intersection of West St / Osgood Road to the intersection of Osgood Rd and Mason Rd and from the intersection of Osgood Rd/Armory Road to the Granite Town Rail Trail.	\$610,400.00	
	Nashua	19-16CMAQ	City of Nashua	Intersection and roadway improvements a the Canal Street/Franklin Street /Main Street intersection in the Railroad Square area.	\$1,199,998.00	
NCC, Central NH RPC, Lakes RPC, Stratham RPC, Southern RPC, Rockingham RPC, Southwest RPC, Nashua RPC,						
	Statewide	19-21CMAQ	NHDOT Bureau of Traffic	Evaluate operational parameter to determine upgrades includeing flashing yellow arrows and optimized signal timing at approximately 10 locations statewide.	\$500,000.00	
North Country Council						
	Littleton	19-01CMAQ	Littleton	Construct Park-n-Ride Lot, Construct Rail-Trail, and Purchase 2 Ford Transit vans	\$851,033.00	\$72,000.00
Rockingham RPC						
	Portsmouth-PDA	19-04CMAQ	Pease Development Authority	Construct right turn lane on the northbound direction of New Hampshire Ave at the Pease Boulevard/Arboretum Drive/New Hampshire Avenue intersection	\$320,000.00	
	Portsmouth-PDA	19-05CMAQ	Pease Development Authority	Purchase and install four electric charging stations for electric vehicles a the Portsmouth International Airport and the Pease Golf Course	\$40,000.00	
	Salem	19-12CMAQ	Town of Salem	Imporve signal operation at 28 intersections doing a complete Systems Engineering process to identify hardware and software upgrades needed.	\$1,200,000.00	
	Salem	19-13CMAQ	Town of Salem	Construct rail trail along NH 28 for approximately 1 mile, from Main Street to Central Street connecting to Rockingham Park Boulevard.	\$800,000.00	

RPC	Town	ApplicationID	sponsor	Description	Fed \$ Infrastructure	Fed\$ Transit
Southern RPC						
	Manchester	19-10CMAQ	The Derryfield School	Construct a roundabout at the entrance to the Derryfield School at the River Road / Bicentennial Road intersection	\$1,200,000.00	
	Manchester	19-15CMAQ	City of Manchester Department of Public Works	Construct a northbound right turn lane and modify lane utilization at the S Willow Street (State Route 28) and Weston Road intersection.	\$800,000.00	
Southwest RPC						
	Hinsdale	19-06CMAQ	Town of Hinsdale	School Street improvements to reduce congestion and vehicle idling and to allow better pedestrian movement	\$796,800.00	
	Nelson	19-09CMAQ	Town of Nelson	Purchase an AWD EV pickup truck to be used as a police cruiser and purchase and install infrasture needed to provide renewable energy for its operation	\$18,000.00	\$75,000.00
Strafford RPC						
	Dover	19-14CMAQ	Northern New England Passenger Rail Authority	Track rehabilitation - Replacement of existing jointed rail with new 115 lb CWR between CPF 242 & CPF 243, replacement of worn turnouts and/or switch components within seven switches including replacement of switch timbers, selective tie replacement, tie plates, spikes and rail anchors.	\$857,000.00	
	Durham-UNH	19-03CMAQ	University of New Hampshire - Wildcat Transit	Purchahse 2 CNG Buses and one Diesel (B20 biodiesel) bus		\$1,200,000.00
	Lee	19-02CMAQ	NH DOT	Construct up to an 80 space Park-n-ride Lot near the junction of US4 and NH125	\$975,000.00	
	Rochester	19-08CMAQ	City of Rochester	Construct left turn lane on Columbus Avenu (NH125) at Summer Street.	\$688,000.00	
Upper Valley Lake Sunapee RPC						
	Lebanon-Advanced Transit	19-07CMAQ	Advance Transit, Inc.	Operating assistance to augment public transit service on Advance Transit's Red Route		\$403,200.00
	New London	19-11CMAQ	NH Department of Transportation, Bureau of Rail and Transit	Expand the New London Park-n-Ride lot creating approximately 50 additional parking spaces	\$630,000.00	
Sub-Total					\$12,757,699.00	\$1,750,200.00
Total Fed\$ Requested					\$14,507,899.00	

Rockingham MPO 2019 CMAQ Project Summary and Evaluation Sheet		
Evaluation (See Criteria Sheet)		
Criterion	Staff Score	Your Score
Project Readiness: Support Letter (10 pts)	10	0
Project Readiness: LPA Certified Staff (5 pts)	5	0
Project Readiness: Plan Listing (5 pts)	3	0
Financial Readiness: Funds Ready (15 pts)	15	0
Financial Readiness: Funds w/in 6 Mos. (10 pts)	0	0
Financial Readiness: Audit (5 pts)	5	0
Stewardship & Sustainability (25 pts)	25	0
Air Quality Benefits (35 pts)	TBD	0
Regional Priority (10 pts)	TBD	0
Cost/Benefit Ratio \$XX/ kg VOC reduction \$XX/ kg NOx reduction		
Staff ranking based on criteria		
Project Location: Portsmouth		Project ID: 19-05CMAQ
Project Title: Electric Vehicle Charging Stations		
Applicant: Pease Development Authority		
Brief Project Description: Install electric vehicle (EV) charging stations at two Pease TradePort locations including the Portsmouth International Airport passenger terminal and Pease Golf Course. Four charging stations will be installed at each location. The installation will serve customers who currently own electric vehicles and encourage prospective owners by demonstrating the availability of charging infrastructure.		
Total Funding Request: \$50,000		
Source of Match: PDA funds already approved by PDA Board		
Federal Share: \$40,000 (80%)		
Non-Federal Share: \$10,000 (20%)		
Air Quality Impacts: XX kg/day NOx and XX kg/day VOC in 2021		
Public Input, Plan Support & Other Notes: Not listed in any local or regional plans. The NH Climate Action Plan calls for expanded deployment of electric vehicle charging infrastructure.		



PEASE INTERNATIONAL TRADEPORT



PARKING FOR PEASE GOLF COURSE

PARKING FOR PORTSMOUTH INTERNATIONAL AIRPORT AT PEASE

PORTSMOUTH INTERNATIONAL AIRPORT AT PEASE

NEW HAMPSHIRE AIR TRAINING BASE

PORTSMOUTH NEWINGTON

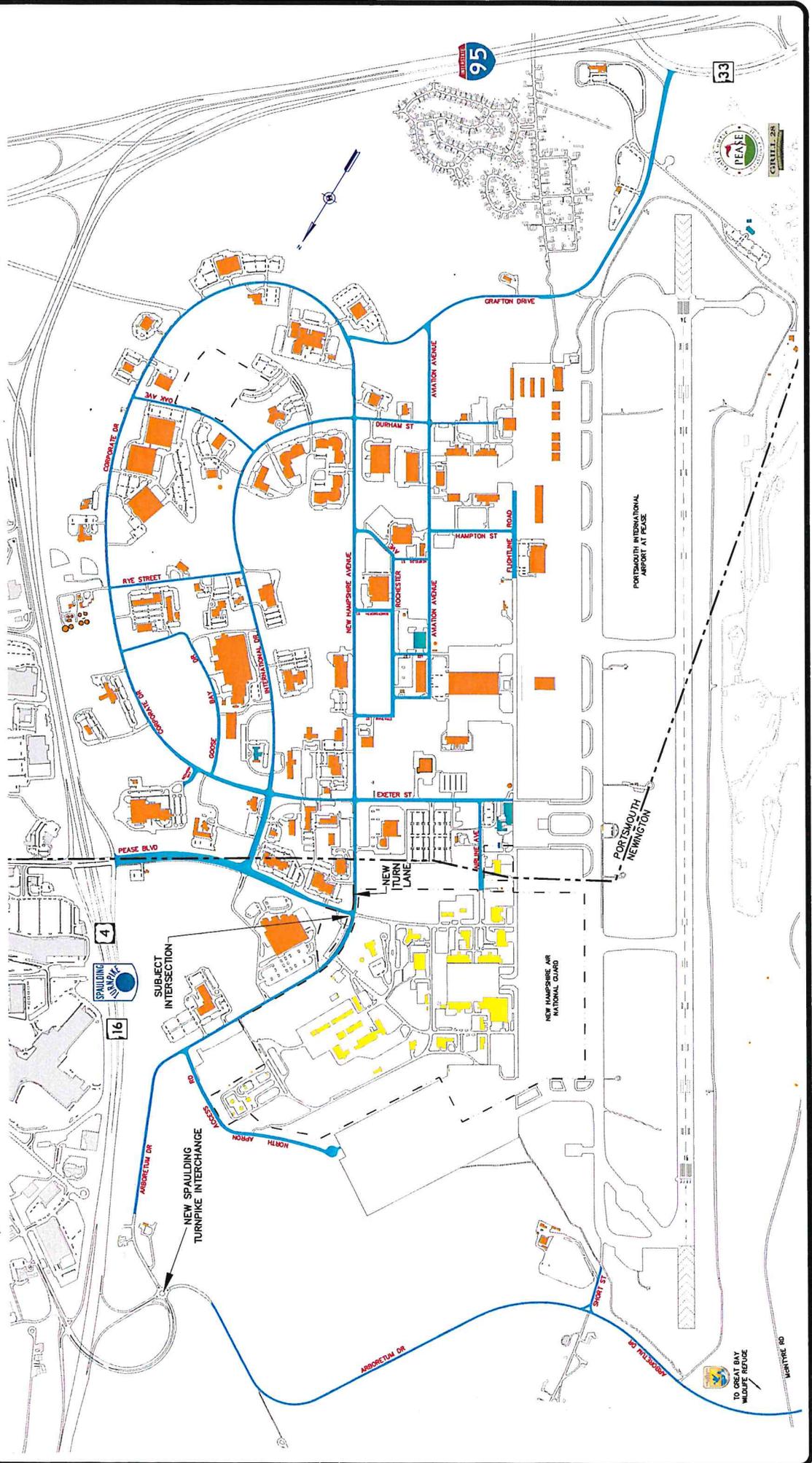
TO GREAT BAY NEARBY SERVICE

MCINTYRE RD

Rockingham MPO 2019 CMAQ Project Summary and Evaluation Sheet		
Evaluation (See Criteria Sheet)		
Criterion	Staff Score	Your Score
Project Readiness: Support Letter (10 pts)	10	0
Project Readiness: LPA Certified Staff (5 pts)	5	0
Project Readiness: Plan Listing (5 pts)	5	0
Financial Readiness: Funds Ready (15 pts)	15	0
Financial Readiness: Funds w/in 6 Mos. (10 pts)	0	0
Financial Readiness: Audit (5 pts)	5	0
Stewardship & Sustainability (25 pts)	25	0
Air Quality Benefits (35 pts)	TBD	0
Regional Priority (10 pts)	TBD	0
Cost/Benefit Ratio \$XX/ kg VOC reduction \$XX/ kg NOx reduction		
Staff ranking based on criteria		
Project Location: Newington		Project ID: 19-04CMAQ
Project Title: Turning Lane at Pease Blvd/Arboretum/New Hampshire Avenue		
Applicant: Pease Development Authority (PDA)		
Brief Project Description: Construct a northbound right turn lane on New Hampshire Avenue at the intersection of Pease Blvd., Arboretum Drive and New Hampshire Ave. Intersection has been identified by VHB in 2016 as meeting warrants for a 4-way stop control and right turn lane in the northbound direction on New Hampshire Ave. Traffic volume at the intersection has substantially increased with the completion of the new interchange at Exit 3 on the Spaulding Turnpike. The 4-way stop was implemented in 2016. The proposed turn lane will ease congestion by reducing the queue length and wait time for vehicles proceeding in all directions, thus reducing emissions from vehicles idling in queue. PDA has a municipal services agreement with the City of Portsmouth for maintenance of roads on Pease Tradeport, such that the City of Portsmouth will be responsible for maintenance of the new lane, including snow removal.		
Total Funding Request: \$400,000		
Source of Match: PDA funds already approved by PDA Board		
Federal Share: \$320,000 (80%)		
Non-Federal Share: \$80,000 (20%)		
Air Quality Impacts: XX kg/day NOx and XX kg/day VOC in 2021		
Public Input, Plan Support & Other Notes: Project is identified in the PDA Capital Improvement Plan and the RPC MPO Long Range Plan. Project scored well in evaluation of projects for regional Ten Year Plan priorities, but was not well suited to the TYP based on immediate need.		



PEASE INTERNATIONAL TRADEPORT



Rockingham MPO 2019 CMAQ Project Summary and Evaluation Sheet		
Evaluation (See Criteria Sheet)		
Criterion	Staff Score	Your Score
Project Readiness: Support Letter (10 pts)	10	0
Project Readiness: LPA Certified Staff (5 pts)	5	0
Project Readiness: Plan Listing (5 pts)	5	0
Financial Readiness: Funds Ready (15 pts)	15	0
Financial Readiness: Funds w/in 6 Mos. (10 pts)	0	0
Financial Readiness: Audit (5 pts)	5	0
Stewardship & Sustainability (25 pts)	25	0
Air Quality Benefits (35 pts)	TBD	0
Regional Priority (10 pts)	TBD	0
Cost/Benefit Ratio \$XX/ kg VOC reduction \$XX/ kg NOx reduction		
Staff ranking based on criteria		
Project Location: Salem		Project ID: 19-12CMAQ
Project Title: Route 28 Traffic Signal Optimization		
Applicant: Town of Salem		
Brief Project Description:		
<p>Update Salem's current ITS system to an Adaptive Traffic Signal Control (ATSC) to include adaptive signal control technology allowing real-time response to current traffic conditions. In addition the proposed project will extend Salem's current signal coordination system on NH28 northward from Main Street to the Windham town line, covering the entire extent of NH28 in Salem.</p> <p>Proposed work will include analysis of hardware and software upgrades needed at each of the 28 signalized intersection in the corridor. Anticipated work includes replacement of controllers and/or cabinets, replacement of loop detection systems with video detection, installing fiber optic lines to expand coverage along the corridor, and implementing a master system architecture to enable full ATSC functionality.</p> <p>Timing is intended to handle increased traffic volume and turning movement activity related to the Tuscan Village Development, reducing intersection delays and consequent idle time and associated emissions.</p>		
Total Funding Request: \$1,500,000		
Source of Match: Town of Salem traffic impact fees		
Federal Share: \$1,200,000 (80%)		
Non-Federal Share: \$300,000 (20%)		
Air Quality Impacts: XX kg/day NOx and XX kg/day VOC in 2021		
<p>Public Input, Plan Support & Other Notes: Listed in Town's draft 2020-2025 Capital Improvement Plan and 2016 Town Master Plan. Salem's ITS system is included in the I-93 Traffic Incident Management Plan as NH28 serves as an emergency alternate route for I93.</p>		

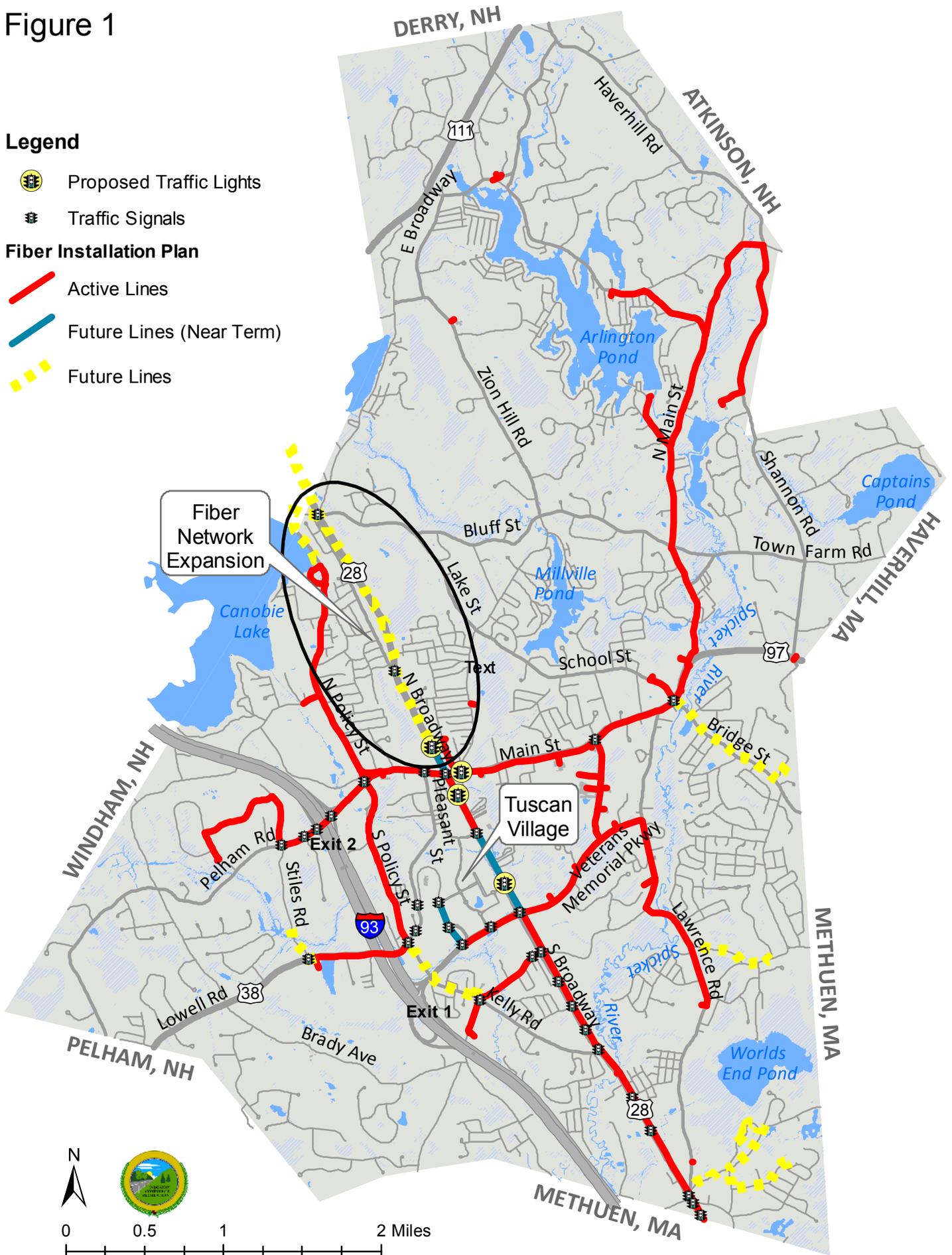
Figure 1

Legend

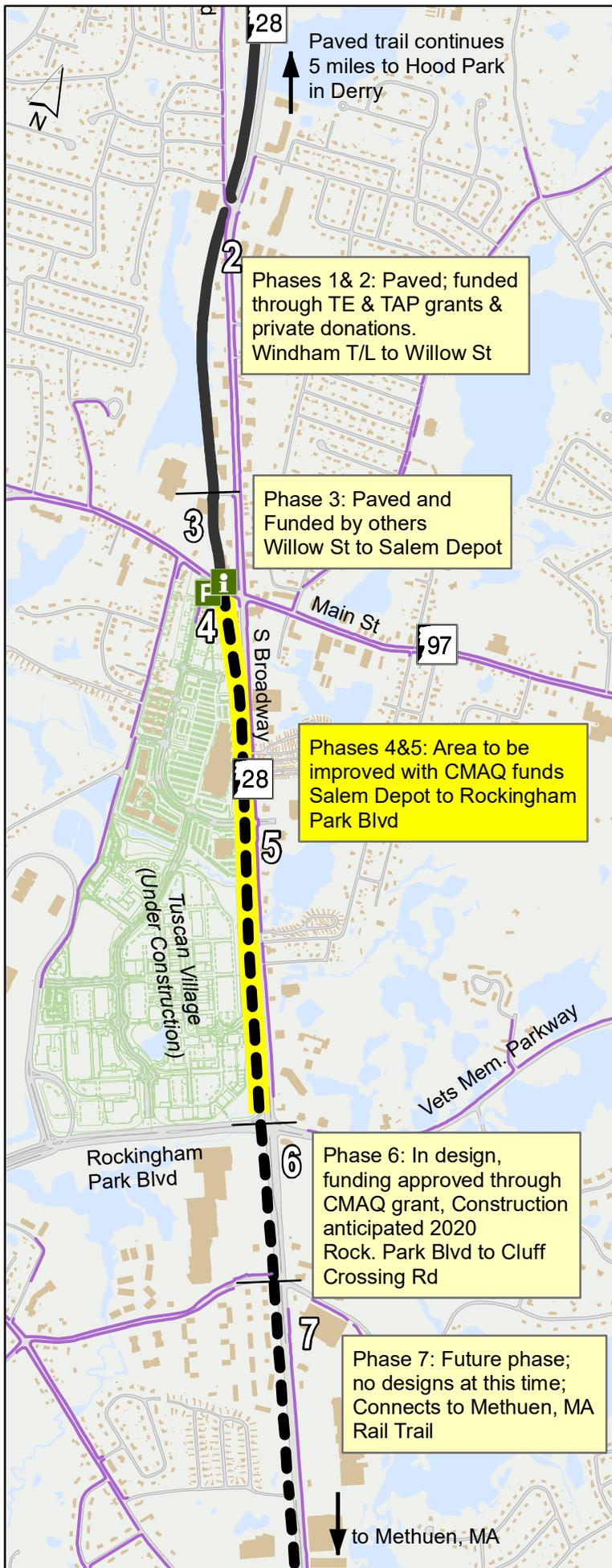
-  Proposed Traffic Lights
-  Traffic Signals

Fiber Installation Plan

-  Active Lines
-  Future Lines (Near Term)
-  Future Lines



Rockingham MPO 2019 CMAQ Project Summary and Evaluation Sheet		
Evaluation (See Criteria Sheet)		
Criterion	Staff Score	Your Score
Project Readiness: Support Letter (10 pts)	10	0
Project Readiness: LPA Certified Staff (5 pts)	5	0
Project Readiness: Plan Listing (5 pts)	5	0
Financial Readiness: Funds Ready (15 pts)	15	0
Financial Readiness: Funds w/in 6 Mos. (10 pts)	0	0
Financial Readiness: Audit (5 pts)	5	0
Stewardship & Sustainability (25 pts)	25	0
Air Quality Benefits (35 pts)	TBD	0
Regional Priority (10 pts)	TBD	0
Cost/Benefit Ratio \$XX/ kg VOC reduction \$XX/ kg NOx reduction		
Staff ranking based on criteria		
Project Location: Salem		
Project ID: 19-13CMAQ		
Project Title: Salem Bike-Ped Corridor Phases IV & V		
Applicant: Town of Salem		
Brief Project Description:		
Construct approximately one mile of multi-use trail on the Manchester and Lawrence rail corridor from Main Street to Rockingham Park Blvd. Phase IV will run along Route 28 from Main Street to Central Street, and Phase V will connect to Rockingham Park Blvd. Part of the Southern NH Rail Trail and Granite State Rail Trail, which will run from the Massachusetts border in Salem to the Vermont border in Lebanon.		
The trail corridor parallels NH Route 28, a high volume arterial with little to no accommodation for bicycling or walking. As such the trail serves as a critical non-motorized access corridor connecting multiple commercial and residential areas. The segments proposed for construction here run along the eastern edge of the 170-acre mixed-use Tuscan Village development. When complete the development will include over 700 residential units, a hotel, retail shops and restaurants, entertainment venues and a medical facility.		
Maintenance will be handled as a partnership between the Town and the local volunteer group Friends of the Salem Bike-Ped Corridor (FSBPC).		
Total Funding Request: \$1,000,000		
Source of Match: Tuscan Village Developers (Public-Private Partnership)		
Federal Share: \$800,000 (80%)		
Non-Federal Share: \$200,000 (20%)		
Air Quality Impacts: XX kg/day NOx and XX kg/day VOC in 2021		
Public Input, Plan Support & Other Notes: Identified in Town 2016 Master Plan, Route 28 Bike/Ped Corridor Study (2012), Salem-Concord Bikeway Feasibility Study (2003), RPC MPO Long Range Transportation Plan (2017).		



Salem Bike-Ped Corridor Phasing Plan

- Paved Trail Sections
- Unpaved Trail Sections
- Information Kiosk / Rest Room Facilities
- Parking/Access
- Roads
- Public Sidewalks
- Buildings

