

## Summary Narrative of Amendment 1 to the FFY 2018-2022 Transportation Improvement Program for the Northern Middlesex Region

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The following summarizes a draft amendment to Fiscal Year 2018 of the FFY 2018-2022 Transportation Improvement Program (TIP), released for a 21-day public comment period ending on **November 17<sup>th</sup>, 2017**, at a meeting of the Northern Middlesex Metropolitan Planning Organization (NMMPO).

**Amendment 1** involves the programming of Community Transit Grant awards to the Lowell Regional Transit Authority (LRTA) for the following projects:

- Purchase of One (1) minibus for expanded service: \$56,200
  - 1 Dracut Council on Aging (COA) Type A vehicle (4 passenger van)
  
- Purchase of Twelve (12) replacement minibuses: \$776,100
  - 9 LRTA Roadrunner minibuses
  - 2 Billerica COA vehicles
  - 1 Dracut COA vehicle

This proposed amendment will be programmed in the TIP under the FTA Section 5310 grant program category, which provides capital funding for specialized transit services for seniors or persons with disabilities. MassDOT's Community Transit Grant Program is an annual competitive grant program used to distribute Section 5310 funds. The federal funding regulations for such projects requires a 20% match, therefore the funding split is 80% Federal/ 20% State.

**Amendment 1** also includes the FFY 2021 year programming of Project #608678, a deck replacement on the Lowell Connector southbound bridge over Industrial Avenue in Lowell. The total cost for the project is \$2,400,000 using National Highway Performance Program (NHPP) funding. The federal share is \$1,920,000 (80%) with a State match of \$480,000 (20%).

The TIP is a federally mandated document that programs federal transportation funding for the region. The TIP contains the program of projects for the LRTA and the NMMPO public participation process satisfies the LRTA's public participation requirements for the program of projects.

The NMMPO will meet on November 29<sup>th</sup>, 2017 to review comments received on the draft amendment and to consider endorsement.

Please refer any comments to Justin Howard, Transportation Program Manager at [jhoward@nmcog.org](mailto:jhoward@nmcog.org) or 978-454-8021, ext. 121.

## NMMPO PUBLIC COMMENT SUMMARY

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### DRAFT FFY 2018-2022 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT 1

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**COMMENT PERIOD: OCTOBER 26-NOVEMBER 16, 2017**

**PUBLIC MEETING DATE: NOVEMBER 9, 2017**

#### COMMENT 1: STEPHEN STRYKOWSKI, CHAIRMAN, BILLERICA COMMISSION ON DISABILITY (VIA EMAIL)

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"I am writing to you, in response to the following proposed amendments to Fiscal Year 2018 of the FFY 2018-2022 Transportation Improvement Program (TIP). Amendment 1 involves the programming of the Community Transit Grant awards to the Lowell Regional Transit Authority (LRTA) for the following projects:

- 1) 5310 RTD0006482 \$776,100.00 to purchase twelve (12) replacement minibuses.
  - A. 9 LRTA RoadRunner minibuses
  - B. 2 Billerica COA vehicles
  - C. 1 Dracut COA vehicle
- 2) 5310 RTD0006491 \$56,200.00 to purchase one (1) minibus for expanded service.
  - A. 1 Dracut COA Type A vehicle (4 passenger van).

In lieu of the increased demand on Council on Aging's (COA's) and the increased need for ADA service, in the area, I fully support the passing of this amendment.

Furthermore, the Town of Billerica's increasing senior base community is needing more services every day. Our COA Director, Jean Patel-Bushnell, is making that her first priority, to serve our towns seniors in a fast and safe manner. Replacing the two (2) older vehicles will assist her in making sure that our seniors can be fully served.

In replacing the LRTA RoadRunner minibuses. More and more people are becoming seniors, disabled and returning military war veterans in need of services. We must keep the fleet up to standards, for both, the public and the drivers.

Dracut, my fellow COA counterpart. I believe, they too, should be granted the requested vehicles. I very well know the town, and both vehicles will go in to use a lot.

Thank you,

Stephen W. Strykowski  
Chairman, Billerica Commission on Disability  
Alternate, Billerica Council on Aging  
Stakeholder, NMCOG"

#### COMMENT 2: MARK GOLDMAN, LOWELL RESIDENT (VIA PHONE)

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Lowell resident, Mark Goldman called staff to comment that he was in favor of TIP Amendment 1, specifically the purchasing of replacement roadrunner vehicles for the LRTA.

**Transportation Improvement Program (TIP)**

**Project List (FY2018)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0005579	Lowell Regional Transit Authority	442400	SHORT RANGE TRANSIT PLANNING 2018		\$80,000	\$0	\$0	\$20,000	\$100,000
	5307 RTD0005580	Lowell Regional Transit Authority	111240	Purchase - Capital Spare Parts		\$50,000	\$50,000	\$0	\$0	\$100,000
	5307 RTD0005581	Lowell Regional Transit Authority	300901	Operating Assistance 2018		\$1,663,686	\$3,524,731	\$0	\$2,678,790	\$7,867,207
	5307 RTD0005582	Lowell Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE 2018		\$1,078,440	\$269,610	\$0	\$0	\$1,348,050
				Terminal& Building Equipment and						
	5307 RTD0005600	Lowell Regional Transit Authority	114220	Maintenance		\$50,000	\$50,000	\$0	\$0	\$100,000
				Subtotal		\$2,922,126	\$3,894,341	\$0	\$2,698,790	\$9,515,257
<b>5309</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5310</b>										
	5310 RTD0006482	Lowell Regional Transit Authority	111204	BUY REPLACEMENT MINIBUSES (12)		\$620,880	\$155,220	\$0	\$0	\$776,100
	5310 RTD0006491	Lowell Regional Transit Authority	111304	BUY MINIBUS FOR EXPANDED SERVICE (1)		\$44,960	\$11,240	\$0	\$0	\$56,200
				Subtotal		\$665,840	\$166,460	\$0	\$0	\$832,300
<b>5311</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5339</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5320</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
				BUY ASSOC CAP MAINT ITEMS (IT						
Other Non-Federal	RTD0005595	Lowell Regional Transit Authority	111240	EQUIPMENT)		\$0	\$10,000	\$0	\$0	\$10,000
Other Non-Federal	RTD0005597	Lowell Regional Transit Authority	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$50,000	\$0	\$0	\$50,000
Other Non-Federal	RTD0006106	Lowell Regional Transit Authority	117691	REAL ESTATE ACQUISITION		\$0	\$425,000	\$0	\$0	\$425,000
				Construct Pedestrian Walkway at Gallagher						
Other Non-Federal	RTD0006322	Lowell Regional Transit Authority	113403	Intermodal Center		\$0	\$600,000	\$0	\$0	\$600,000
				Subtotal		\$0	\$1,085,000	\$0	\$0	\$1,085,000
				Total		\$3,587,966	\$5,145,801	\$0	\$2,698,790	\$11,432,557

Funds listed under the Carry Over column are included in the Federal Amount

# 2021 Northern Middlesex Region Transportation Improvement

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

	Roadway reconstruction program	608344	Northern Middlesex	Chelmsford	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	4	CMAQ	\$ 977,402	\$ 781,922	\$ 195,480	Construction; Total Project Cost at FFY 2021 YOY: \$3,428,585 (\$3,048,000) CMAQ, STP; NMMPO TEC Score = 6.65 out of 18.
	Roadway reconstruction program	608344	Northern Middlesex	Chelmsford	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	4	STP	\$ 2,451,183	\$ 1,960,946	\$ 490,237	Construction; Total Project Cost at FFY 2021 YOY: \$3,428,585 (\$3,048,000) CMAQ, STP; NMMPO TEC Score = 6.65 out of 18.
	Non-interstate DOT pavement program	608297	Northern Middlesex	Tewksbury	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES.	4	TAP	\$ 281,909	\$ 225,527	\$ 56,382	Construction; Total Project Cost at FFY 2021 YOY: \$4,724,429 (\$4,200,000) TAP, STP; NMMPO TEC Score = 5.00 out of 18.
	Non-interstate DOT pavement program	608297	Northern Middlesex	Tewksbury	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES.	4	NHPP	\$ 4,442,520	\$ 3,554,016	\$ 888,504	Construction; Total Project Cost at FFY 2021 YOY: \$4,724,429 (\$4,200,000) TAP, STP; NMMPO TEC Score = 5.00 out of 18.
	#N/A		Northern Middlesex			#N/A	Funding	\$ -	\$ -	\$ -	
Regionally Prioritized Projects subtotal ►								\$ 8,153,014	\$ 6,522,411	\$ 1,630,603	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid Funds Programmed ►	\$ 8,153,014	\$ 9,126,200	◀Total	\$ 973,186	Target Funds Available
STP programmed ►	\$ 6,893,703	\$ 7,475,928	◀ Max STP	\$ 582,225	STP available
HSIP programmed ►	\$ -	\$ 390,961	◀ Min. HSIP	\$ 390,961	HSIP recommended not met
CMAQ programmed ►	\$ 977,402	\$ 977,402	◀ Min. CMAQ	\$ 0	CMAQ recommended not met
TAP programmed ►	\$ 281,909	\$ 281,909	◀ Min. TAP	\$ 0	TAP recommended not met
Remaining HSIP, CMAQ, and TAP Funds	\$ 973,186				

## ► Section 1B / Earmark or Discretionary Grant Funded Projects

### ► Other Federal Aid

Earmark Discretionary	Project #	Northern Middlesex	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	
Earmark Discretionary	Project #	Northern Middlesex	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / State Prioritized Reliability Projects

### ► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ► Bridge Program / Off-System

Bridge Program	Project #	MPO	Municipalities	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► Bridge Program / On-System (NHS)

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$ -	\$ -	\$ -	
Bridge Program / On-System (NHS) subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ► Bridge Program / On-System (Non-NHS)

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2021 Northern Middlesex Region Transportation Improvement

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
<b>► Bridge Program / Systematic Maintenance</b>											
AMENDMENT: Add Project	Bridge Program	608678	Northern Middlesex	Lowell	LOWELL- DECK REPLACEMENT, L-15-068 (2HG), LOWELL CONNECTOR (SB) OVER INDUSTRIAL AVENUE EAST	4	NHPP-On	\$ 2,400,000	\$ 1,920,000	\$ 480,000	
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,400,000	\$ 1,920,000	\$ 480,000	◄ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Interstate Pavement subtotal ►								\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Non-Interstate Pavement subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements	Project #	MPO	Municipalities	Description	District	HSIP	\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											
	Roadway Reconstruction	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	Bicycles and Pedestrians	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Bicycles and Pedestrians subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Capacity</b>											
	Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Section 3 / Planning / Adjustments / Pass-throughs</b>											
<b>► Planning / Adjustments / Pass-throughs</b>											
	Planning / Adjustments / Pass-throughs	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

# 2021 Northern Middlesex Region Transportation Improvement

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	\$ -	\$ -	
Non-Federal Aid subtotal ►							\$ -	\$ -	◀100% Non-Federal

## 2021 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 10,553,014	\$ -	\$ 10,553,014	◀ Total Spending in Region
Federal Funds ►	\$ 8,442,411		\$ 8,442,411	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 2,110,603	\$ -	\$ 2,110,603	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>