

# Berkshire County Metropolitan Planning Organization

Housatonic Street – Dalton  
Water Street – Williamstown  
Walker Street – Lenox

BMC Area Improvements – Pittsfield

Highway Safety Analysis Transit Bridge Be

## **Transportation Improvement Program**

October 1, 2016 – September 30, 2021



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munities Project Planning Improvements

**Berkshire Regional Planning Commission**

**1 Fenn Street, Suite 201, Pittsfield, MA - 01201**



**BERKSHIRE METROPOLITAN PLANNING ORGANIZATION**

**BERKSHIRE REGIONAL PLANNING COMMISSION**

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**TRANSPORTATION IMPROVEMENT PROGRAM**

**FOR**

**THE BERKSHIRE REGION**

**OCTOBER 1, 2016 - SEPTEMBER 30, 2021**

This report was prepared by the Berkshire Regional Planning Commission, in cooperation with the Berkshire Regional Transit Authority, the Commonwealth of Massachusetts Department of Transportation, and the U.S. Department of Transportation - Federal Highway Administration and Federal Transit Administration.

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# BERKSHIRE METROPOLITAN PLANNING ORGANIZATION

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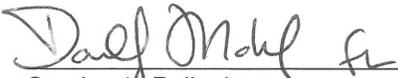
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## MPO CERTIFICATION

### Transportation Improvement Program (TIP) FFY 2017 – 2021

This is to certify that the members of the Berkshire Metropolitan Planning Organization (MPO) hereby endorse the Transportation Improvement Program (TIP) for Federal Fiscal Years 2017 - 2021, in accordance with 23 CFR Part 450 Section 324 of the October 28, 1993 Final Rules for Statewide and Metropolitan Planning and 23 CFR Part 450 Section 326. This TIP consists entirely of projects that are either: A) exempt from an air quality conformity determination as specified in 40 CFR Parts 51 and 93; or B) have been previously analyzed in the conforming Regional Transportation Plan for the Berkshire Region. This TIP does not add significant, non-exempt projects, nor reprogram any existing regionally significant, non-exempt projects across analysis years. In accordance with Section 176(c) (4) of the Clean Air Act as amended in 1990 [42 U.S. C. 7251 (a)], the MPO for the Berkshire Region has conducted its review and hereby certifies that the TIP conforms with 40 CFR Parts 51 and 93 (August 15, 1997) and 310 CMR 60.3 (December 30, 1994).

The Berkshire Metropolitan Planning Organization authorizes the Chairman to endorse the FFY 2017-2021 TIP document on their behalf.

  
\_\_\_\_\_  
Stephanie Pollack  
MassDOT Secretary and CEO  
Berkshire MPO Chairman

08/02/16  
\_\_\_\_\_  
Date

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# **Transportation Improvement Program**

## Part A: INTRODUCTION

1. TIP DEVELOPMENT
2. PRIORITIZATION
3. PUBLIC PARTICIPATION
4. AMENDMENT/ ADJUSTMENT PROCEDURES
5. CONGESTION MANAGEMENT PLAN
6. TRANSPORTATION FUNDING PROGRAMS

## INTRODUCTION

A Transportation Improvement Program (TIP) is a prioritized, financially constrained, multi-year program for the implementation of federally funded transportation improvement projects in a region. As such, it serves as a planning tool to ensure the most effective use of limited funding for transportation improvements. It is also necessary for two other reasons. First, the TIP is a requirement of the transportation planning process as most recently legislated by the Fixing America's Surface Transportation (FAST) Act. Secondly, a transportation improvement is not eligible for federal funding unless it is listed on the TIP.

The TIP must include a certification by the Metropolitan Planning Organization (MPO) that it was developed through a continuous, cooperative and comprehensive (3C) metropolitan transportation planning process, in conformance with various applicable Federal laws and regulations. Certification ensures the region's continued eligibility to receive Federal funds for highway and transit projects.

### FAST Act Legislation

FAST Act was signed into law on December 4, 2015. Funding surface transportation programs at over \$305 billion for fiscal years 2016 through 2020, FAST Act replaced MAP-21 which was enacted in 2012. Under the FAST Act all MPOs are required to incorporate ten planning factors, specifically during the development of the TIP:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility options available to people and for freight;
5. Protect and enhance the environment, promote energy conservation, and improve quality of life;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
10. Enhance travel and tourism.

FAST Act builds on the changes made by MAP-21, specifically addresses all modes of transportation, and enhances many of the existing provisions and programs defined in past transportation legislation. FAST Act legislation maintains national performance goals for federal highway programs, including:

1. **Safety:** Achieve significant reduction in traffic fatalities and serious injuries on all public roads;
2. **Infrastructure Condition:** Maintain the highway infrastructure asset system in a state of good repair;
3. **Congestion Reduction:** Achieve significant reduction in congestion on the National Highway System;
4. **System Reliability:** Improve efficiency of the surface transportation system;
5. **Freight Movement and Economic Vitality:** Improve the national freight network, strengthen the ability of rural communities to access national and international trade market, and support regional economic development;
6. **Environmental Sustainability:** Enhance performance of the transportation system while protecting and enriching the natural environment;
7. **Reduced Project Delivery Delays:** Reduce project costs, promote jobs and the economy, and expedite movement of people and goods by accelerating project completion while eliminating delays

in the development and delivery process, lessening regularity burdens, and improving the work practices of the agencies.

FAST Act continues to emphasize performance-based planning as an integral part of the metropolitan planning process: states are to develop performance goals, guided by the national goals, and then MPOs will work with state departments of transportation (DOTs) to develop MPO performance targets. The TIP will integrate the MPOs performance measures and link transportation-investment decisions to progress toward achieving performance goals.

In the Berkshire region, the MPO presently consists of ten members and two Ex-Officio members:

MPO members:

- Massachusetts Department of Transportation, Secretary and CEO
- Massachusetts Department of Transportation Highway Division, Administrator
- Berkshire Regional Planning Commission, Chair
- Berkshire Regional Transit Authority, Administrator
- City of Pittsfield, Mayor
- City of North Adams, Mayor
- North Towns Representative
- North Central Towns Representative
- Southeast Towns Representative
- Southwest Towns Representative

Ex-Officio members:

- Federal Highway Administration, Regional Administrator
- Federal Transit Administration, Division Administrator

BRPC is responsible, under contracts with the Massachusetts Department of Transportation (MassDOT) for conducting the regional transportation planning process utilizing federal planning funds.

#### Format

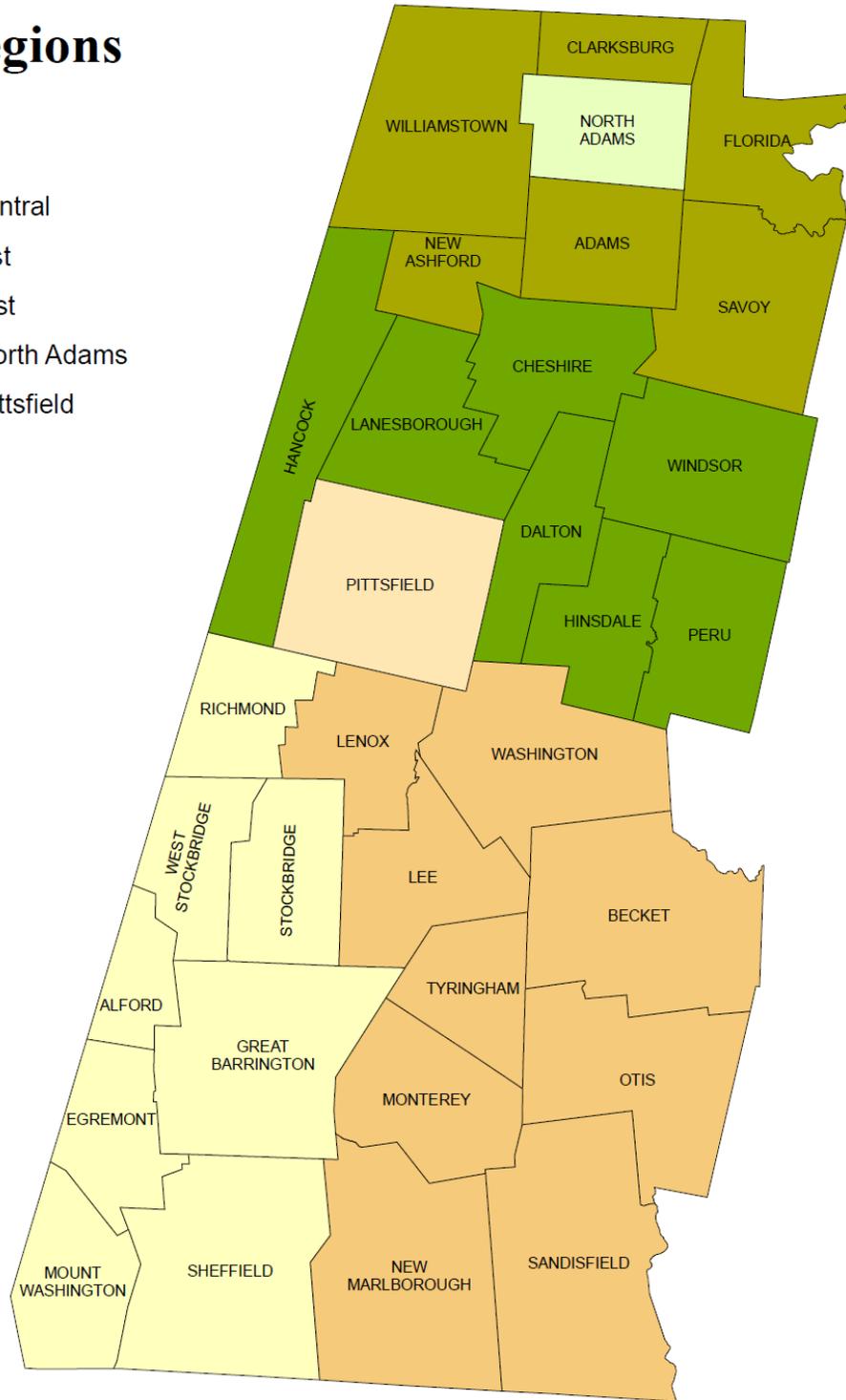
This document is in five parts in accordance with the standard format for TIPs, which was developed jointly by the federal, state, and regional agencies.

1. This, the first section, presents a narrative overview of the TIP and its development.
2. The second section presents the listings of TIP projects in the formats required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).
3. The third section of this document contains the federal requirements for the TIP in accordance with the mandates of FAST, its predecessors and other applicable laws and regulations. As such this section addresses federal transportation requirements such as the air quality consistency review, fiscal constraint, and other requirements.
4. The fourth section contains attachments: lists of the TIP projects arranged by mode and by town; transportation network map; TIP projects map, GHG monitoring and evaluation; FHWA & FTA TITLE VI Certifications & Assurances.
5. The final section is an appendix containing all comments, and corresponding responses, that were offered during the formal 30-day Public Review Period.

# Berkshire MPO

## Sub-Regions

- North
- North-Central
- Southeast
- Southwest
- City of North Adams
- City of Pittsfield



## 1. TIP DEVELOPMENT

The development of the TIP follows a process whereby new transportation projects, consistent with the Regional Transportation Plan and updated information about already active projects are solicited from the implementing agencies and local communities. The projects are then evaluated by BRPC, MassDOT staff, and assigned priority scores based on multiple transportation and regional planning criteria as summarized below. Based on that prioritization, as well as project readiness and available funding, the first of several drafts showing a proposed list of projects by year is prepared and distributed to MPO members and the Transportation Advisory Committee for review and comment. The Draft TIP list is refined in response to comments from MPO and Transportation Advisory Committee members, and released by the MPO for public comments.

Projects are scheduled on the TIP based on their priority, likely implementation date and their fit within the funding estimated to be available for the Berkshire Region. Implementation of a particular project requires many steps, most likely taking several years from beginning to end. It is, therefore, important that communities maintain an awareness of their long-term transportation needs so that projects can be initiated at an appropriate time to avoid unnecessary delays in keeping their road network up-to-date.

### Applicability

Federal legislation and regulations mandate, as a condition of receiving federal funding for transportation projects, a metropolitan transportation planning process that results in plans and programs consistent with the comprehensively planned development of the region. That process, according to federal regulations, must be conducted for the urbanized area, as a minimum. Since it is a state and regional policy that the transportation planning process applies to all areas of the state, not just urbanized areas, the metropolitan planning area for the Berkshires is defined as the entire region; therefore the TIP is required for all of Berkshire County.

For the purposes of project selection and programming, any project listed in Year 1 of the endorsed TIP will be considered to have the concurrence of the MPO without further action. It is understood that the TIP in no way preempts regular channels of review, such as public hearings and environmental review. However, for FHWA (highway) and FTA (transit) projects it will serve to satisfy notification requirements, as established by the Commonwealth in compliance with Federal Executive Order 12372.

## 2. PRIORITIZATION

Because the TIP must be fiscally constrained within the anticipated available federal funding for transportation projects in the region, not all projects can be programmed in the five-year TIP period. Regional decision-makers are faced with difficult choices about which projects to program and which projects to put off. A system for prioritizing projects has been developed as one tool to assist in that process. In programming improvement projects, the Berkshire MPO considers transportation deficiencies that are in need of improvement and uses various performance metrics to identify priorities. The resulting projects which are selected for implementation do support one or more of the seven National Performance Goals contained in MAP-21 [§ 1203; 23 USC 150(b)].

First, the highway and transit funding estimated to be available to the region each year is allotted to various project categories, or modes, in a similar proportion as those funds are allocated to all of Massachusetts by the federal or state funding programs.

Bridges are funded and prioritized at the statewide level. As such, there is no regional bridge allocation, or target. Statewide bridge priority scores are determined by a set of evaluation criteria similar to those used to calculate AASHTO ratings, which had been the basis for bridge priority scores in the past.

Transportation Enhancement projects are subject to a statewide eligibility determination process, and are prioritized at the regional level.

Priorities for highway projects that are subject to regional funding targets are calculated on the basis of evaluation criteria developed in 2011 and revised in 2015 to measure road condition, mobility, regional connectivity, goods movement, safety, environment, GHG emissions and livability factors. A project could score a maximum of 8 points based on the current evaluation criteria as explained below. Table on the next page shows the list of projects that were evaluated for FFY 2017 – 2021 TIP development:

- **Road Condition:** 1 Point (Project will construct new road, or will strengthen pavement structure (not surface only) of existing road or will improve sub-standard or poorly functioning drainage).
- **Mobility:** 1 Point (Project will reduce vehicle delay at intersections (LOS C or worse) and/or improve through lane(s) capacity along a corridor).
- **Regional Connectivity:** 1 Point (Improves Principal Arterial, or minor arterial/collector with no alternative route).
- **Goods Movement:** 1 Point (Project will make geometric improvements at intersections or along a corridor to facilitate truck movement (3 axle ADT greater than 50)).
- **Safety:** 1 Point (Improves safety at location where accident rates exceeds the state average).
- **Environment:** 1 Point (Project has positive (not neutral) effect on water quality, wildlife, or other natural features).
- **GHG Emissions:** 1 Point (Project has positive (not neutral) effect on GHG emissions reduction/ air quality).
- **Livability:** 1 Point (Meets at least two of these standards: Supports economic development, increase use of alternate modes, or benefits 3 or more defined EJ populations).

Transit projects funded by formula grants and special earmarks have not been rated with the evaluation criteria, since they are not competing against other projects, but it is expected that such projects will be prioritized in future TIPs. Transit projects that must compete for discretionary funding would be prioritized on the basis of maximum ridership benefit per dollar expenditure and/or other factors, but there are no such projects proposed for the Berkshire region at this time.

It is recognized that other considerations, which are not readily quantified, can result in projects being programmed or deferred in apparent conflict with these calculated priorities. In particular, programming decisions are strongly influenced by project readiness and the realities of project cost in relation to financial constraint.

**2017-2021 Berkshire TIP Project Evaluation**  
**Results of MPO Staff Evaluation of Highway Projects, March 11th, 2016, sorted by Total Project Score**

Project ID	Project	Town/City	Road Condition	Mobility	Reg. Connectivity	Goods Movement	Safety	Environment	GHG Emissions	Livability	Total Project Score	Project Cost	Project Design Status (MassDOT)	CMAQ Eligible	HSIP Eligible	Most Recent PASAR Rating	Programmed in FFY 2017 - 2021 TIP
			Project will construct new road, or will strengthen pavement structure (not surface only) of existing road or will improve sub-standard or poorly functioning drainage.	Project will reduce vehicle delay at intersections (LOS C or worse) and/or improve through lane(s) capacity along a corridor.	Improves Principal Arterial, or minor arterial/collector with no alternate route.	Project will make geometric improvements at intersections or along a corridor to facilitate truck movement (3 axle ADT greater than 50).	Improves safety at location where accident rate exceeds the State average.	Project has positive (not neutral) effect on water quality, wildlife, or other natural features.	Project has positive (not neutral) effect on GHG emissions reduction/ air quality.	Meets at least two of these standards: Supports economic development, increase use of alternate modes, or benefits 3 or more defined EJ populations.							
606233	BMC AREA IMPROVEMENTS	PITTSFIELD	0	1	1	1	1	0	1	1	6	\$7,390,000	<25%	√	√	NA	2018 & 2019
604003	EAST STREET (LYMAN ST TO MERRILL RD)	PITTSFIELD	1	1	1	1	0	0	0	1	5	\$6,571,000	<25%			5	
606462	ROUTE 183/ WALKER ST	LENOX	1	0	0	1	0	0	1	1	4	\$5,434,932	25%	√		6	2018
605799	ROUTE 43, WATER STREET	WILLIAMSTOWN	1	0	0	1	0	0	1	1	4	\$2,695,253	75%	√		4	2017
607429	ROUTE 2 & PHELPS AVENUE	NORTH ADAMS	0	0	1	1	0	0	1	1	4	\$1,230,000	25%	√		NA	2018
603636	ROUTE 8 PASSING LANE	CHESHIRE & LANESBOROUGH	0	1	1	1	0	0	0	0	3	\$8,876,000	<25%			7	
607760	ROUTE 8/9 & DALTON AVE	PITTSFIELD	0	0	1	0	1	0	0	1	3	\$1,500,000	<25%	√	√	NA	2018
607756	RTE 7/ SOUTH MAIN ST & RTEs 23/41/ MAPLE AVE	GREAT BARRINGTON	0	1	1	0	1	0	0	0	3	\$500,500	<25%	√	√	NA	2019
607328	ROUTE 8	ADAMS	1	0	1	0	0	0	0	1	3	\$6,820,000	<25%			5	2020
604994	ROUTE 20	HANCOCK	1	0	1	0	0	0	0	0	2	\$4,258,000	<25%			5	
606406	SKYLINE TRAIL (MIDDLEFIELD RD)	HINSDALE	1	0	0	0	0	1	0	0	2	\$5,500,000	<25%			4	2021
608167	ROUTE 8	CLARKSBURG	1	0	1	0	0	0	0	0	2	\$3,400,000	<25%			6	2017
608127	ROUTE 43	WILLIAMSTOWN	1	0	0	1	0	0	0	0	2	\$10,500,000	<25%			6	
608166	ROUTE 23	OTIS	1	0	0	0	0	1	0	0	2	\$5,300,000	<25%			5	
606162	ROUTE 43/ HANCOCK RD	WILLIAMSTOWN	0	0	1	0	0	0	0	0	1	\$1,500,000	<25%			5	
601319	STOCKBRIDGE ROAD	LEE	1	0	0	0	0	0	0	0	1	\$3,500,000	<25%			6	

### 3. PUBLIC PARTICIPATION

This Transportation Improvement Program was prepared in accordance with the Transportation Planning Public Participation Process as required by the FAST. Public input has been solicited, public meetings have been held, draft copies have been made available, and a formal 30 day public review period was advertised and completed. All comments, and corresponding responses, that were offered between June 28, 2016 and July 29, 2016 are summarized in Appendix.

#### Private Enterprise Participation

In addition, the local process for the involvement of the private sector in the transportation planning activities of the region has been followed. Private Enterprise Participation Policy Statements have been adopted by both the Berkshire Regional Transit Authority (May 29, 1986) and the Berkshire County Regional Planning Commission (November 20, 1986). Both of these statements have been previously submitted to and approved by FTA.

Massachusetts law requires that a private company operate the BRTA's fixed-route service. In response to a Request for Proposal for Transit Management Services in 2016, Berkshire Transit Management (BTM), a division of First Transit, Inc. is the current fixed route operating company. Paratransit Management of Berkshire (PMB), a division of First Transit, Inc. is the new paratransit operating company. BTM was selected over other private companies in a competitive bidding process in 2003, and replaced the previous operator since January 2004. The current contract between BRTA, BTM, and PMB is a three year contract with an option to extend one year for each of 2 subsequent years. Documentation of the RFP, proposals and selection process are available for inspection at the BRTA offices.

### 4. AMENDMENT/ADJUSTMENT PROCEDURES

A minimum public comment period of 30 days has been established for the TIP, RTP, and UPWP amendments. However, the Berkshire MPO may at their discretion vote to abbreviate the public comment period to 15 days, under what they consider to be appropriate circumstances. These circumstances must be out of the control of the MPO, or must include changes to the document that are not considered significant enough to warrant a full 30 day review, but warrant additional review.

Significant changes to the TIP will require MPO action through a formal amendment process. Significant changes would include actions such as the addition of a project not previously programmed, the advancement of a project programmed beyond Year 2 into Year 1 or 2, or a significant project cost increase. Such major actions will require a full public review process including a 30 day comment period and a formal MPO meeting.

In order to minimize constraints on programming projects, relatively minor adjustments can be made to the TIP without formal MPO action. Minor adjustments could include such actions as moving a project from Year 2 to Year 1, or a change in funding category. This can be accomplished through written correspondence whereby any MPO agency may submit a request for a minor adjustment to BRPC. BRPC will then seek concurrence from the other agencies and forward these to the requesting agency. The amendment/adjustment procedures described above apply to highway and transit projects.

#### Substitutions

When state funds are used to replace federal funding, those state funds will be treated in the same way as federal funds in the TIP. Any transfer of those state funds to another project will be in conformance with federal requirements for the involvement of local officials for developing, amending, or revising the TIP.

It is understood that efforts toward implementation of these projects will be in accordance with priorities as established within the TIP. In the event that a highway project in the adopted TIP is delayed, changed in scope, or cancelled, the state will notify the Berkshire MPO. The MPO will consult with local officials in the affected jurisdiction to determine whether remedial actions can be taken to allow the project to be completed within the time-frame of the TIP. If such a remedy is not available, the MPO will identify substitute project(s) from the region for the programming of the funds.

## 5. CONGESTION MANAGEMENT PLAN

In 1997, BRPC prepared a Congestion Management Report; along with other tools, like the Transportation Evaluation Criteria, and processes like the Regional Transportation Plan, previous TIPs, corridor planning studies, safety studies and input received from the public, the Congestion Management report is used to help identify projects that the MPO may program on the TIP. Berkshire MPO will utilize CMAQ money to be obligated:

- In FFY 2018 to construct a multi-use sidewalk along Walker Street in Lenox.
- In FFY 2019 to re-time and re-phase a number of the antiquated traffic signals (as limited by CMAQ funding) near Berkshire Medical Center in Pittsfield. The Pittsfield Downtown Circulation Study demonstrated that the existing (antiquated) traffic signals are contributing to traffic congestion in the City of Pittsfield through their inefficient phasing and timing.
- In FFY 2020 to construct a multi-use sidewalk along Route 8 in Adams.

BRPC will identify other intersection improvement projects in Pittsfield and the region to program in future years.

## 6. TRANSPORTATION FUNDING PROGRAMS

A summary description of each funding program contained in the TIP follows. Which funding program a project qualifies for can be a limiting factor in how quickly it can be implemented. In some categories, many projects are competing for a part of the state's allocation, while in other categories, there may be less competition for the available funding. Therefore, it is important to recognize that certain projects may appear to be overlooked, but in reality may only be a victim of the limits of available funding in their category.

### SUMMARY DESCRIPTION OF TRANSPORTATION FUNDING PROGRAMS

- ARRA: AMERICAN RECOVERY AND REINVESTMENT ACT of 2009.
- BR: BRIDGE PROGRAM - Federal funds available to Massachusetts for the necessary replacement or repair of bridges in rural and urban areas. The Federal share is 80 percent and the State share is 20 percent. Federally funded bridges are categorized as either ON or OFF, depending on whether or not the roads they are on or off of the federal-aid highway system.
- CMAQ: CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM - Projects included in this category must contribute to the attainment of a national ambient air quality standard. The Federal share is 80 percent and the State share is 20 percent. Funds from this FHWA program can be transferred to transit projects in accordance with MAP-21.
- 5307: TRANSIT OPERATING/CAPITAL - Previously known as Section 9, the FTA Act provides a formula grant program for the support of urban public transit operations and capital projects. Funds available to the Pittsfield area are apportioned by FTA. Federal operating assistance under this program may not exceed 50% of the net cost of service. Section 5307 funds for capital are derived from the formula program that also includes operating assistance. Federal support of approved projects is generally 80 percent, with the balance supported by State and/or local funds. These funds may also be transferred to highway projects in accordance with MAP-21, although that option has not been exercised in the Berkshire region.
- 5309: TRANSIT CAPITAL ASSISTANCE - Federal assistance to support public transit capital needs. Previously known as Section 3, these Section 5309 funds are discretionary and are often earmarked by Congress before being made available for distribution by FTA. Federal support of approved projects is generally 80 percent, with the balance supported by State and/or local funds, although some Section 5309 earmarks have been 100% federally funded.
- 5310: PARATRANSIT VANS - FTA funding, administered through the MassDOT for the acquisition of vans for the elderly and disabled. Previously known as Section 16(b)2, the Federal share for Section 5310 funds is 80 percent and the State share is 20 percent.
- 5311: RURAL TRANSIT FUNDING - FTA funding, administered through the MassDOT for public transportation in non-urbanized areas. Previously known as Section 18, these Section 5311 funds may be used for both capital and operating projects.
- HPP: HIGH PRIORITY PROGRAM – FHWA funding designated by members of Congress for specific projects under TEA-21 or SAFETEA-LU. The federal share is 80 percent and the state share is 20 percent, although some earmarks have been 100% federally funded.

HSIP:	HIGHWAY SAFETY IMPROVEMENT PROGRAM – Projects included in this category should demonstrate the highway safety improvements. The Federal share is 90 percent and the State share is 10 percent.
NFA:	NON-FEDERAL AID – Funds may be derived from state or local sources for transportation projects. Generally, state-funded projects shown in the TIP are bond-funded bridge projects.
NHS:	NATIONAL HIGHWAY SYSTEM - An interconnected system of principal arterial routes which serve major population centers and interstate and interregional travel. The Federal share is 80 percent and the State share is 20 percent.
NHPP:	NATIONAL HIGHWAY PERFORMANCE PROGRAM – On system Bridges, Bridge Preservation & Bridge Inspection
STP:	SURFACE TRANSPORTATION PROGRAM – This is the most common source of funding for regional highway projects in the TIP. Eligible projects include the construction, reconstruction, rehabilitation, resurfacing, restoration, and operational improvements for highways (including Interstate highways) and bridges. The Federal share is 80 percent and the State share is 20 percent. These funds may also be used to support public transit capital projects, in accordance with MAP-21, although that option has not been used in the Berkshire region.
STP-TE:	TRANSPORTATION ENHANCEMENTS - Landscaping, pedestrian and bicycle facilities, scenic easements, preservation of abandoned RR ROW, mitigation, and the like. The Federal share is 80 percent and the State share is 20 percent.
STPP:	Surface Transportation Priorities Project earmark.
Sec.115:	SECTION 115 of the Transportation Appropriations Act of 2004, which set aside FHWA funding designated by members of Congress for specific projects.
Sec.117:	SECTION 117 of the Transportation Appropriations Act of 2005, which set aside FHWA funding designated by members of Congress for specific projects.
Sec.112:	SECTION 112 of the Transportation Appropriations Act of 2006, which set aside FHWA funding designated by members of Congress for specific projects.
STP-BR-Off:	Off – System Bridges.
SRTS:	Safe Routes to School.
SBYWY:	Scenic Byways.
TAP:	Transportation Alternatives Program.
TCSP:	TRANSPORTATION, COMMUNICATION & SYSTEM PRESERVATION EARMARK.
TI:	Transportation Improvement Project earmark.
UNDET:	UNDETERMINED – Shown for projects for which no funding is reasonably expected to be available at this time.
Other FA:	Other Federal Aid not already categorized.

# Transportation Improvement Program

## Part B: PROJECT LISTINGS

1. FHWA-FUNDED HIGHWAY, BRIDGE & ENHANCEMENTS PROJECTS
2. STATE FUNDED PROJECTS
3. OTHER PROJECTS, NOT FUNDED IN THE TIP
4. TRANSIT PROJECTS

## 1. FHWA-FUNDED HIGHWAY, BRIDGE & ENHANCEMENTS PROJECTS

The table on the following pages lists projects to be funded through the Federal Highway Administration based on the anticipated amount of funding expected to be available for projects in this region during the five-year TIP period.

## 2. NON-FEDERAL AID (NFA) PROJECTS

Non-Federal (NFA) projects are to be funded from non-federal sources. The TIP is only required to list federally funded projects, but these are included to provide an indication of the overall level of investment in preserving the existing transportation system, which FAST does require. Projects listed under NFA projects are state-funded bridge projects. State-funded bridge projects have not been prioritized for the FY 2017-2021 TIP.

### NOTES ON TABLE: SECTION 1 – FEDERAL AND SECTION 2 - NFA

**ID:** Six-digit number assigned to projects by MassDOT's Project Review Committee upon authorization to begin design process and approval of federal aid eligibility. Projects with ID numbers beginning with XXX have not yet reached that stage.

**PROJECT DESCRIPTION:** Projects listed as reconstruction, rehabilitation, repaving and resurfacing are classified as system preservation, while projects with improvements mentioned in this field are classified as system improvement or expansion projects.

**FUNDING CATEGORY:** MAP-21 or FAST highway funding program or appropriations legislation

**TARGET PROJECTS:** Projects that must be programmed within the fiscal constraints of the non-CMAQ & HSIP highway funding allocated to the region.

**CMAQ PROJECTS:** Projects programmed to make use of CMAQ funding allocated to the region.

**HSIP PROJECTS:** Projects programmed to make use of HSIP funding allocated to the region.

**MPO TEC SCORE:** Numerical score based on transportation project evaluation criteria as applied to regional highway projects. The absence of a score indicates that a project has not yet been evaluated. Highway projects are scored on a scale of 0 to 8.

**FEDERAL AID BRIDGES:** Bridge projects programmed in the region from the statewide federally funded bridge program.

**NOT IN TARGET:** Projects for which federal funding has been made available through congressional earmarks or other sources in addition to the regional allocation.

**NFA:** Projects funded through non-federal sources.

# 2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1A / Federal Aid Target Projects

### ► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	602280	Berkshire	Dalton	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	1	STP	\$ 340,591	\$ 272,473	\$ 68,118	AC - Year 3 of 3; STP + CMAQ + Statewide CMAQ; Total Cost = 11,181,141; MPO evaluation score 4 of 8; Design Status: 100%
	605799	Berkshire	Williamstown	WILLIAMSTOWN- RECONSTRUCTION & RELATED WORK ON ROUTE 43 (WATER STREET)	1	STP	\$ 2,700,000	\$ 2,160,000	\$ 540,000	STP; Total Cost = 2,700,000; MPO evaluation score 4 of 8; Design Status: 75%
	608167	Berkshire	Clarksburg	CLARKSBURG- RESURFACING AND RELATED WORK ON ROUTE 8, FROM THE NORTH ADAMS T.L. TO THE VERMONT S.L.	1	STP	\$ 4,348,340	\$ 3,478,672	\$ 869,668	STP; Total Cost =4,348,340; MPO evaluation score 2 of 8; Design Status: <25%
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 7,388,931	\$ 5,911,145	\$ 1,477,786	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,388,931	\$ 7,388,931	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 7,388,931	\$ 5,920,578	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,468,353)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 355,964	◀ Min. HSIP	\$ 355,964	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ -	\$ 1,112,389	◀ Min. CMAQ	\$ 1,112,389	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,468,353

# 2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1B / Federal Aid Bridge Projects</b>										
<b>► Statewide Systematic Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► On System</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Off-System</b>										
	607550	Berkshire	Lee	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK	1	STP-BR-OFF	\$ 1,097,531	\$ 878,025	\$ 219,506	
	607551	Berkshire	Multiple	LEE- LENOX- BRIDGE REPLACEMENT, L-05-020=L-07-003, VALLEY STREET OVER HOUSATONIC RIVER	1	STP-BR-OFF	\$ 1,500,612	\$ 1,200,490	\$ 300,122	
Off-System Subtotal ►							\$ 2,598,143	\$ 2,078,514	\$ 519,629	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>										
<b>► Other Federal Aid</b>										
	606890	Berkshire	Multiple	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	HPP	\$ 1,000,000	\$ 800,000	\$ 200,000	Design; SAFETEA-LU, HPP 2850-MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 (Earmark Total)
Other Federal Aid Subtotal ►							\$ 1,000,000	\$ 800,000	\$ 200,000	◄ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>										
<b>► Regional Major Infrastructure</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Americans with Disability Act Implementation Plan</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

# 2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Congestion Mitigation and Air Quality</b>										
				No Projects Programmed				\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
<b>► Statewide Infrastructure Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
<b>► Statewide Intelligent Transportation Systems</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide National Freight Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide National Highway System Preservation Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Planning Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Railroad Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

# 2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / Non-Federal Projects

### ► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	◀ 100% Non-Federal

## ► Section 2B / Non-Federal Bridge Projects

### ► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	◀ 100% Non-Federal

# 2017 Berkshire Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 10,987,074	\$ -	\$ 10,987,074	◀ Total Spending in Region
Federal Funds ►	\$ 8,789,659	\$ -	\$ 8,789,659	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 2,197,415	\$ -	\$ 2,197,415	◀ 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>

# 2018 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1A / Federal Aid Target Projects

### ► HSIP - Highway Safety Improvement Program

	606233	Berkshire	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	HSIP	\$ 355,964	\$ 320,368	\$ 35,596	AC - Year 1 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOY = 4%
							\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ 355,964	\$ 320,368	\$ 35,596	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606462	Berkshire	Lenox	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	1	CMAQ	\$ 889,911	\$ 711,929	\$ 177,982	STP + CMAQ; Total Cost = 5,652,930; MPO evaluation score 4 of 8; Design Status: 25%; YOY =4%
							\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 889,911	\$ 711,929	\$ 177,982	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	607429	Berkshire	North Adams	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	1	STP	\$ 1,280,000	\$ 1,024,000	\$ 256,000	STP; Total Cost = 1,280,000; MPO evaluation score 4 of 8; Design Status: 25%; YOY = 4%
	606462	Berkshire	Lenox	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	1	STP	\$ 4,763,019	\$ 3,810,415	\$ 952,604	STP + CMAQ; Total Cost = 5,652,930; MPO evaluation score 4 of 8; Design Status: 25%; YOY =4%
	606233	Berkshire	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	STP	\$ 384,808	\$ 307,846	\$ 76,962	AC - Year 1 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOY = 4%
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 6,427,827	\$ 5,142,262	\$ 1,285,565	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,673,702	\$ 7,673,702	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 6,427,827	\$ 6,427,827	◀ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 355,964	\$ 355,964	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 889,911	\$ 889,911	◀ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

# 2018 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1B / Federal Aid Bridge Projects</b>										
<b>► Statewide Systematic Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► On System</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Off-System</b>										
	608125	Berkshire	Sheffield	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	1	STP-BR-OFF	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	
							\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>										
<b>► Other Federal Aid</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>										
<b>► Regional Major Infrastructure</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Americans with Disability Act Implementation Plan</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2018 Berkshire Region MPO Transportation Improvement Program

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Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Congestion Mitigation and Air Quality</b>										
	607254	Berkshire	Williamstown	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	1	CMAQ	\$ 4,294,138	\$ 3,435,310	\$ 858,828	
	607570	Berkshire	Lee	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	1	CMAQ	\$ 3,619,200	\$ 2,895,360	\$ 723,840	
	606891	Berkshire	Multiple	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	1	CMAQ	\$ 2,251,210	\$ 1,800,968	\$ 450,242	
Statewide CMAQ Subtotal ►							\$ 10,164,548	\$ 8,131,638	\$ 2,032,910	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
	607760	Berkshire	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 3 LOCATIONS: SR 8 & SR 9 (DALTON AVENUE) @ MERRILL CHESHIRE ROAD, DALTON AVENUE @ CRANE AVENUE CONNECTOR & SR 9 (MERRILL ROAD) @ CRANE AVENUE CONNECTOR	1	HSIP	\$ 1,497,600	\$ 1,347,840	\$ 149,760	
Statewide HSIP Program Subtotal ►							\$ 1,497,600	\$ 1,347,840	\$ 149,760	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Infrastructure Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Intelligent Transportation Systems</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Freight Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Highway System Preservation Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Planning Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Railroad Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2018 Berkshire Region MPO Transportation Improvement Program

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Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2A / Non-Federal Projects</b>										
<b>► Non Federal Aid</b>										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal
<b>► Section 2B / Non-Federal Bridge Projects</b>										
<b>► Section 2B / Non-Federal Bridge Projects</b>										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

# 2018 Berkshire Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 24,335,850	\$ -	\$ 24,335,850	◀ Total Spending in Region
Federal Funds ►	\$ 19,654,036	\$ -	\$ 19,654,036	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 4,681,814	\$ -	\$ 4,681,814	◀ 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>

# 2019 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1A / Federal Aid Target Projects

### ► HSIP - Highway Safety Improvement Program

	606233	Berkshire	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	HSIP	\$ 355,964	\$ 320,368	\$ 35,596	AC - Year 2 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
							\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ 355,964	\$ 320,368	\$ 35,596	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606233	Berkshire	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	CMAQ	\$ 889,911	\$ 711,929	\$ 177,982	AC - Year 2 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
							\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 889,911	\$ 711,929	\$ 177,982	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	606233	Berkshire	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	STP	\$ 5,698,953	\$ 4,559,162	\$ 1,139,791	AC - Year 2 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
							\$ -	\$ -	\$ -	
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 5,698,953	\$ 4,559,162	\$ 1,139,791	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 6,944,828	\$ 7,673,702	◀ Total Target	\$ 728,874	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 5,698,953	\$ 6,427,827	◀ Max. Non-CMAQ/HSIP/TAP	\$ 728,874	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 355,964	\$ 355,964	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 889,911	\$ 889,911	◀ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

# 2019 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1B / Federal Aid Bridge Projects</b>										
<b>► Statewide Systematic Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► On System</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Off-System</b>										
	603255	Berkshire	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	1	STP-BR-OFF	\$ 1,629,249	\$ 1,303,399	\$ 325,850	
	608243	Berkshire	New Marlborough	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-010, UMPACHENE FALLS OVER KONKAPOT RIVER	1	STP-BR-OFF	\$ 790,763	\$ 632,610	\$ 158,153	
	608263	Berkshire	Sheffield	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	1	STP-BR-OFF	\$ 1,908,183	\$ 1,526,546	\$ 381,637	
	608523	Berkshire	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER W BRANCH HOUSATONIC RIVER	1	STP-BR-OFF	\$ 2,343,824	\$ 1,875,059	\$ 468,765	
Off-System Subtotal ►							\$ 6,672,019	\$ 5,337,615	\$ 1,334,404	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>										
<b>► Other Federal Aid</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>										
<b>► Regional Major Infrastructure</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Americans with Disability Act Implementation Plan</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2019 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Congestion Mitigation and Air Quality</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
	607756	Berkshire	Great Barrington	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	1	HSIP	\$ 594,000	\$ 534,600	\$ 59,400	
							\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ 594,000	\$ 534,600	\$ 59,400	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Infrastructure Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Intelligent Transportation Systems</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Freight Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Highway System Preservation Program</b>										
	608465	Berkshire	Multiple	LENOX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	1	NHPP	\$ 5,686,200	\$ 4,548,960	\$ 1,137,240	
							\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ 5,686,200	\$ 4,548,960	\$ 1,137,240	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Planning Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Railroad Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2019 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2A / Non-Federal Projects</b>										
<b>► Non Federal Aid</b>										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal
<b>► Section 2B / Non-Federal Bridge Projects</b>										
<b>► Section 2B / Non-Federal Bridge Projects</b>										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

## 2019 Berkshire Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total	\$ 19,897,047	\$ -	\$ 19,897,047	◀ Total Spending in Region
Federal Funds	\$ 16,012,634	\$ -	\$ 16,012,634	◀ Total Federal Spending in Region
Non-Federal Funds	\$ 3,884,413	\$ -	\$ 3,884,413	◀ 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>

# 2020 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1A / Federal Aid Target Projects

### ► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	607328	Berkshire	Adams	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	CMAQ	\$ 889,911	\$ 711,929	\$ 177,982	STP + CMAQ; Total Cost = 7,638,400; MPO evaluation score 3 of 8; Design Status: <25%; YOE =12%
							\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 889,911	\$ 711,929	\$ 177,982	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	607328	Berkshire	Adams	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	STP	\$ 6,748,489	\$ 5,398,791	\$ 1,349,698	STP + CMAQ; Total Cost = 7,638,400; MPO evaluation score 3 of 8; Design Status: <25%; YOE =12%
							\$ -	\$ -	\$ -	
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 6,748,489	\$ 5,398,791	\$ 1,349,698	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

<b>Total Federal Aid Target Funds Programmed ►</b>	\$ 7,638,400	\$ 7,855,431	<b>◀ Total Target</b>	\$ 217,031	<b>Target Funds Available</b>
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 6,748,489	\$ 6,609,556	<b>◀ Max. Non-CMAQ/HSIP/TAP</b>	\$ (138,933)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 355,964	<b>◀ Min. HSIP</b>	\$ 355,964	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ 889,911	\$ 889,911	<b>◀ Min. CMAQ</b>	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ -	<b>◀ Min. TAP</b>	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 355,964

# 2020 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	608648	Berkshire	Williamstown	WILLIAMSTOWN - DECK PRESERVATION, BRIDGE NO. W-37-015, ROTUE 2 OVER THE GREEN RIVER	1	NHPP	\$ 444,000	\$ 355,200	\$ 88,800	
							\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ 444,000	\$ 355,200	\$ 88,800	◀ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Off-System

	608642	Berkshire	New Marlborough	NEW MARLBOROUGH - BRIDGE REPLACEMENT, N-08-001, NORFOLK ROAD OVER UMPACHENE BROOK	1	STP-BR-OFF	\$ 5,461,456	\$ 4,369,165	\$ 1,092,291	
	608645	Berkshire	New Marlborough	NEW MARLBOROUGH - BRIDGE REPLACEMENT, N-08-006, CAMPBELL FALL ROAD OVER WHITING RIVER	1	STP-BR-OFF	\$ 3,286,528	\$ 2,629,222	\$ 657,306	
	608646	Berkshire	Tyringham	TYRINGHAM - BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK	1	STP-BR-OFF	\$ 1,727,040	\$ 1,381,632	\$ 345,408	
Off-System Subtotal ►							\$ 10,475,024	\$ 8,380,019	\$ 2,095,005	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

	606890	Berkshire	Multiple	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	HPP	\$ 640,000	\$ 512,000	\$ 128,000	Construction; HPP + Statewide CMAQ; Total project cost = 5,589,402; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 (earmark Total)
							\$ -			
Other Federal Aid Subtotal ►							\$ 640,000	\$ 512,000	\$ 128,000	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2020 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Congestion Mitigation and Air Quality</b>										
	606890	Berkshire	Multiple	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	CMAQ	\$ 4,949,402	\$ 3,959,522	\$ 989,880	Construction; HPP + Statewide CMAQ; Total project cost = 5,589,402; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 (earmark Total)
							\$ -	\$ -	\$ -	
							\$ 4,949,402	\$ 3,959,522	\$ 989,880	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Infrastructure Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Intelligent Transportation Systems</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Freight Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Highway System Preservation Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Planning Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Railroad Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2020 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / Non-Federal Projects

### ► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

## ► Section 2B / Non-Federal Bridge Projects

### ► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

# 2020 Berkshire Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 24,146,826	\$ -	\$ 24,146,826	◀ Total Spending in Region
Federal Funds ►	\$ 19,317,461	\$ -	\$ 19,317,461	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 4,829,365	\$ -	\$ 4,829,365	◀ 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>

# 2021 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
---------------------------------	-------------------------	-------	---------------------	----------------------------------	-----------------------	---------------------	--------------------------------	--------------------	------------------------	-----------------------------

## ► Section 1A / Federal Aid Target Projects

### ► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	606406	Berkshire	Hinsdale	HINSDALE, PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	1	STP	\$ 6,380,000	\$ 5,104,000	\$ 1,276,000	STP; Total Cost = 6,380,000; MPO evaluation score 2 of 8; Design Status: <25%; YOE = 16%
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 6,380,000	\$ 5,104,000	\$ 1,276,000	◄ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 6,380,000	\$ 7,855,431	◄ Total Target	\$ 1,475,431	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 6,380,000	\$ 6,609,556	◄ Max. Non-CMAQ/HSIP/TAP	\$ 229,556	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ -	\$ 355,964	◄ Min. HSIP	\$ 355,964	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ -	\$ 889,911	◄ Min. CMAQ	\$ 889,911	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ -	◄ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,245,875

# 2021 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1B / Federal Aid Bridge Projects</b>										
<b>► Statewide Systematic Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► On System</b>										
	605843	Berkshire	North Adams	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER THE HOOSIC RIVER	1	NHPP	\$ 18,315,704	\$ 14,652,563	\$ 3,663,141	
							\$ -	\$ -	\$ -	
On System Subtotal ►							\$ 18,315,704	\$ 14,652,563	\$ 3,663,141	◀ 80% Federal + 20% Non-Federal
<b>► Off-System</b>										
	608636	Berkshire	Lenox	LENOX - BRIDGE REPLACEMENT, L-07-006, ROARING BROOK ROAD OVER ROARING BROOK	1	STP-BR-OFF	\$ 1,122,880	\$ 898,304	\$ 224,576	
	608647	Berkshire	Savoy	SAVOY - BRIDGE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK	1	STP-BR-OFF	\$ 813,740	\$ 650,992	\$ 162,748	
Off-System Subtotal ►							\$ 1,936,620	\$ 1,549,296	\$ 387,324	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>										
<b>► Other Federal Aid</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>										
<b>► Regional Major Infrastructure</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Americans with Disability Act Implementation Plan</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2021 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Congestion Mitigation and Air Quality</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Infrastructure Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Intelligent Transportation Systems</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Freight Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide National Highway System Preservation Program</b>										
	608485	Berkshire	Multiple	LANESBOROUGH- PITTSFIELD- RESURFACING AND RELATED WORK ON ROUTE 8	1	NHPP	\$ 5,568,000	\$ 4,454,400	\$ 1,113,600	
							\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ 5,568,000	\$ 4,454,400	\$ 1,113,600	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Planning Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Railroad Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

## 2021 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released  
08/02/2016 Endorsed

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ► Section 2A / Non-Federal Projects

#### ► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

### ► Section 2B / Non-Federal Bridge Projects

#### ► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

## 2021 Berkshire Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 32,200,324	\$ -	\$ 32,200,324	◀ Total Spending in Region
Federal Funds ►	\$ 25,760,259	\$ -	\$ 25,760,259	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 6,440,065	\$ -	\$ 6,440,065	◀ 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>

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### 3. ADDITIONAL REGIONAL PROJECTS – NO FUNDING AVAILABLE

The projects listed in the table on the following pages, sometimes referred to as the Supplemental List, are not programmed in this TIP. They are shown for informational purposes; because some of them were programmed in the previous TIP and others are active enough to be considered as candidates for programming in a future TIP. The reasons individual projects were not among those selected to be programmed in the TIP vary, and may include simple fiscal constraint, costs exceeding any single year's financial target, insufficient level of project development or low priority scores.

#### NOTES ON TABLE: Section 3 – ADDITIONAL REGIONAL PROJECTS:

**ID:** Six-digit number assigned to projects by MassDOT's Project Review Committee upon authorization to begin design process and approval of federal aid eligibility. Projects with ID numbers beginning with XXX have not yet reached that stage.

**UNDET:** Undetermined funding, shown for projects for which no funding is reasonably expected to be available at this time.

**PRIORITY:** Numerical score based on transportation project evaluation criteria as applied to regional highway projects. The absence of a score indicates that a project has not yet been evaluated. Highway projects are scored on a scale of 0 to +7.

## Berkshire Region TIP: Section 3

### ADDITIONAL REGIONAL PROJECTS - NO FUNDING AVAILABLE (Included for informational purposes only)

FACILITY	TYPE OF WORK	LOCATION	ID#	FUND	PRIORITY	TOTAL\$
EAST STREET	IMPROVEMENT/ WIDENING	PITTSFIELD	604003	UNDET	5	6,571,000
ROUTE 8	ADD PASSING LANE	CHESHIRE/LANESBOROU	603636	UNDET	3	8,876,000
ROUTE 20	REHABILITATION	HANCOCK	604994	UNDET	2	4,258,000
ROUTE 43	RESURFACING & RELATED WORK	WILLIAMSTOWN	606162	UNDET	1	1,500,000
STOCKBRIDGE ROAD	REHABILITATION	LEE	601319	UNDET	1	3,500,000
SUMMER STREET	REHABILITATION	LANESBOROUGH	XXX14B	UNDET		470,000
DAN FOX DR & TAMARACK RD	RECONSTRUCTION	PITTSFIELD	XXX13F	UNDET		2,800,000
EAST STREET	IMPROVEMENT/ WIDENING	PITTSFIELD	XXX13B	UNDET		3,858,750
ROUTE 7/ NORTH ST & SOUTH	COMPLETE STREET IMPROVEMENTS	PITTSFIELD	XXX15A	UNDET		14,150,000
MOUNT WASHINGTON RD	RHABILITATION, RECONSTRUCTION	EGREMONT	XXX16I	UNDET		8,000,000
ROUTE 41/102, MAIN ST	REHABILITATION, WIDENING	WEST STOCKBRIDGE	XXX07A	UNDET		1,250,000
HOUSATONIC BIKE PATH	DESIGN & CONSTRUCTION	GREAT BARRINGTON	XXX16D	UNDET		4,500,000
HOLMES ROAD	REHABILITATION, PAVEMENT MARKINGS, SINAGE, CURBI	LENOX	XXX98C	UNDET		2,410,000
MAIN/ W.CENTER/ W.PARK ST	RECONSTRUCTION	LEE	XXX99A	UNDET		5,000,000
HUBBARD AVE	REHABILITATION	PITTSFIELD	XXX14A	UNDET		500,000
EAST STREET	RESURFACING, WIDENING, DRAINAGE IMPROVEMENTS	PITTSFIELD	XXX05J	UNDET		750,000
ROUTE 57	REHABILITATION, CAPACITY IMPROVEMENT	NEW MARLBOROUGH	XXX08B	UNDET		8,000,000
<b>Total for UNDETERMINED</b>						<b>76,393,750</b>
<b>Total for HIGHWAYS (17 projects)</b>						<b>\$ 76,393,750</b>

State Target: 0

## 4. TRANSIT PROJECTS

The table on the following pages lists federally funded transit projects programmed for the region over the four-year TIP period. The format of this table is different from the highway tables in order to meet Federal Transit Administration requirements. The scheduling of projects in this table represents the years in which grants are expected to be applied for and approved (obligated), rather than the years in which projects are to be implemented, as is the case with highway projects. Projects to be funded from grants or appropriations from previous years that have not been obligated are shown as carry-over projects.

In the Berkshire region, the Transit element of the TIP consists mostly of formula funding for BRTA operations and maintenance. Capital improvements include the annual purchase of paratransit vehicles to replace aging vans or to expand the capacity of the BRTA and other agencies to provide mobility for disabled, elderly and disadvantaged residents.

### NOTES ON TABLE: Section 4 – TRANSIT

FTA PROGRAM: Transit funding program

FEDERAL FUNDS: Percent of cost covered by federal funding

Berkshire Region TIP      Section 4 – TRANSIT

**Transportation Improvement Program (TIP)**

**Project List (FY2017)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
5307	RTD0004346	Berkshire Regional Transit Authority		Preventive Maintenance		\$120,000	\$30,000	\$0	\$0	\$150,000
5307	RTD0004347	Berkshire Regional Transit Authority	114406	Rehab/Renovation: Shop Equipment		\$20,000	\$5,000	\$0	\$0	\$25,000
5307	RTD0004359	Berkshire Regional Transit Authority	111215	BUY REPLACEMENT VAN (1)		\$95,680	\$23,920	\$0	\$0	\$119,600
5307	RTD0005121	Berkshire Regional Transit Authority	111215	BUY REPLACEMENT VAN		\$191,360	\$47,840	\$0	\$0	\$239,200
					Subtotal	\$427,040	\$106,760	\$0	\$0	\$533,800
5309										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5310										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5311										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5337										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5339										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5320										
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal										
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
				Purchase - Replacement: Buses (1) (Match in FY16)		\$0	\$71,000	\$0	\$0	\$71,000
Other Non-Federal	RTD0004344	Berkshire Regional Transit Authority				\$0	\$71,000	\$0	\$0	\$71,000
					Subtotal	\$0	\$71,000	\$0	\$0	\$71,000
					Total	\$427,040	\$177,760	\$0	\$0	\$604,800

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

## 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	RTD0004349	Berkshire Regional Transit Authority		Preventive Maintenance		\$120,000	\$30,000	\$0	\$0	\$150,000
5307	RTD0004350	Berkshire Regional Transit Authority	114403	Transit Enhancements		\$40,000	\$10,000	\$0	\$0	\$50,000
5307	RTD0004351	Berkshire Regional Transit Authority	114406	Rehab/Renovation: Shop Equipment		\$20,000	\$5,000	\$0	\$0	\$25,000
5307	RTD0004360	Berkshire Regional Transit Authority	111215	BUY REPLACEMENT VAN (5)		\$538,136	\$134,534	\$0	\$0	\$672,670
5307	RTD0004361	Berkshire Regional Transit Authority	111203	BUY REPLACEMENT 30-FT BUS (2)		\$880,000	\$220,000	\$0	\$0	\$1,100,000
					Subtotal	\$1,598,136	\$399,534	\$0	\$0	\$1,997,670
<b>5309</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5310</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<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>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
					<b>Total</b>	<b>\$1,598,136</b>	<b>\$399,534</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,997,670</b>

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

## Transportation Improvement Program (TIP)

### Project List (FY2019)

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	RTD0004353	Berkshire Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE REHAB/RENOVATE - BUS SURVEILL/SECURITY SYSTEM		\$120,000	\$30,000	\$0	\$0	\$150,000
5307	RTD0004354	Berkshire Regional Transit Authority	113407	REHAB/RENOV - PASSENGER AMENITIES REHAB/RENOVATE BUS SUPPORT		\$20,000	\$5,000	\$0	\$0	\$25,000
5307	RTD0004355	Berkshire Regional Transit Authority	123410	FACIL/EQUIP		\$40,000	\$10,000	\$0	\$0	\$50,000
5307	RTD0004357	Berkshire Regional Transit Authority	114400	BUY REPLACEMENT 30-FT BUS		\$920,000	\$230,000	\$0	\$0	\$1,150,000
5307	RTD0004358	Berkshire Regional Transit Authority	111203	ACQUIRE - SUPPORT VEHICLES		\$538,136	\$134,534	\$0	\$0	\$672,670
5307	RTD0004364	Berkshire Regional Transit Authority	114211			\$88,000	\$22,000	\$0	\$0	\$110,000
					Subtotal	\$1,726,136	\$431,534	\$0	\$0	\$2,157,670
<b>5309</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5310</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<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>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
					Total	\$1,726,136	\$431,534	\$0	\$0	\$2,157,670

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

**Transportation Improvement Program (TIP)**

**Project List (FY2020)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
5307	RTD0004365	Berkshire Regional Transit Authority	111215	BUY REPLACEMENT VAN		\$194,000	\$97,000	\$0	\$0	\$291,000
5307	RTD0004366	Berkshire Regional Transit Authority	111215	BUY REPLACEMENT VAN		\$175,000	\$87,500	\$0	\$0	\$262,500
5307	RTD0004367	Berkshire Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE		\$75,000	\$75,000	\$0	\$0	\$150,000
				Subtotal		\$444,000	\$259,500	\$0	\$0	\$703,500
5309				Subtotal		\$0	\$0	\$0	\$0	\$0
5310				Subtotal		\$0	\$0	\$0	\$0	\$0
5311				Subtotal		\$0	\$0	\$0	\$0	\$0
5337				Subtotal		\$0	\$0	\$0	\$0	\$0
5339				Subtotal		\$0	\$0	\$0	\$0	\$0
5320				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal				Subtotal		\$0	\$0	\$0	\$0	\$0
				Total		\$444,000	\$259,500	\$0	\$0	\$703,500

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

**Transportation Improvement Program (TIP)**

**Project List (FY2021)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
5307	RTD0005195	Berkshire Regional Transit Authority	1000002	PREVENTIVE MAINTENANCE		\$120,000	\$30,000	\$0	\$0	\$150,000
5307	RTD0005196	Berkshire Regional Transit Authority	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$40,000	\$10,000	\$0	\$0	\$50,000
				Subtotal		\$160,000	\$40,000	\$0	\$0	\$200,000
5309				Subtotal		\$0	\$0	\$0	\$0	\$0
5310				Subtotal		\$0	\$0	\$0	\$0	\$0
5311				Subtotal		\$0	\$0	\$0	\$0	\$0
5337				Subtotal		\$0	\$0	\$0	\$0	\$0
5339				Subtotal		\$0	\$0	\$0	\$0	\$0
5320				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal				Subtotal		\$0	\$0	\$0	\$0	\$0
				Total		\$160,000	\$40,000	\$0	\$0	\$200,000

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

## Transportation Improvement Program (TIP)

### Additional Regional Transit Projects – No Funding Available (Included for informational purposes only)

2016	\$1,740,000	New parking area, new buses & ADA fleet & paratransit dispatch area
	\$3,865,800	Purchase 7 30ft buses expansion fleet; 4 CNG, 3 hybrid
	\$1,234,200	Purchase 9 expansion vans; 5 CNG, 4 hybrid
	\$700,000	Construction: Upgrade facility to CNG
2017	\$1,150,000	Satellite facility North County
2018	\$1,150,000	Satellite facility South County
	\$416,250	Purchase 3 expansion FR vans; 2 CNG, 1 hybrid
2019	\$573,200	Buy vans for service expansion
	\$416,250	Buy 30-ft bus for expansion
<b>Total</b>	<b>\$11,245,700</b>	

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# Transportation Improvement Program

## Part C: FINANCIAL SUMMARIES AND CERTIFICATIONS

### 1. FEDERAL FUNDING FINANCIAL SUMMARIIES

- Highways & Bridges
- Transit
- Total Federal Projects
- Summary of Federal Funding Categories

### 2. FEDERAL REGIONAL TARGETS

### 3. STATUS OF FUNDS

- Advanced Construction Cash Flow
- Status of Previous Annual Element Projects
- Status of FFY 2015 Transit Grants

### 4. CERTIFICATIONS

- 3-C Process
- Air Quality
- Highway Operations and Maintenance Expenditures
- BRTA Financial Capacity
- Special Efforts for the Elderly and Disabled
- 701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects

# 1. FEDERAL FUNDING FINANCIAL SUMMARY

FEDERAL HIGHWAY & BRIDGE FUNDING CATEGORIES													
Fiscal Year	Federal Targets						Federal Programmed						
	Highway \$	CMAQ \$	HSIP \$	TAP\$	Bridge	Total \$	Highway \$	CMAQ \$	HSIP \$	TAP\$	Bridge NHPP	Bridge Off	Total \$
Y1	5.921	1.112	0.356	0.000		7.389	7.389	0.000	0.000	0.000	0.000	2.598	9.987
Y2	6.428	0.890	0.356	0.000		7.674	6.428	0.890	0.356	0.000	0.000	5.000	12.674
Y3	6.428	0.890	0.356	0.000		7.674	5.698	0.890	0.356	0.000	0.000	6.672	13.616
Y4	6.610	0.890	0.356	0.000		7.855	6.748	0.890	0.000	0.000	0.444	10.475	18.557
Y5	6.610	0.890	0.356	0.000		7.855	6.380	0.000	0.000	0.000	18.316	1.937	26.632
<b>Total</b>	<b>31.995</b>	<b>4.672</b>	<b>1.780</b>	<b>0.000</b>		<b>38.447</b>	<b>32.644</b>	<b>2.670</b>	<b>0.712</b>	<b>0.000</b>	<b>18.760</b>	<b>26.682</b>	<b>81.467</b>

Notes: Figures shown are in millions of dollars, represent total project costs, and do not include projects exempt from targets; Bridge projects are programmed statewide against a target of \$148,053,935 per year; there is no regional target for bridges.

TRANSIT WITH FEDERAL FUNDING				
Fiscal Year	Available		Programmed	
	Federal \$	Total \$	Federal \$	Total \$
Y1	0.427	0.605	0.427	0.605
Y2	1.598	1.998	1.598	1.998
Y3	2.059	2.574	2.059	2.574
Y4	0.443	0.554	0.443	0.554
Y5	0.040	0.050	0.040	0.050
<b>Total</b>	<b>4.567</b>	<b>5.780</b>	<b>4.567</b>	<b>5.780</b>

Note: Millions of Dollars

The Berkshire County MPO Transportation Improvement Program (TIP) is financially constrained according to the definition in the Federal Register 23 CFR Part 450.324 and 23 CFR Part 450.326. The Projects programmed for this region meet the funding estimates of federal and state funds available in each of these fiscal years. These estimates were provided by the state and refined as part of the Statewide Transportation Improvement Program (STIP) development process.

## TOTAL FEDERAL PROJECTS PROGRAMMED (\$millions):

YEAR	SURFACE TRANSPORTATION	CMAQ	HSIP	TAP	BRIDGE NHPP	BRIDGES OFF	HIGHWAY EARMARK	HIGHWAY OTHER	TRANSIT EARMARK	TRANSIT	TOTAL
Y1	7.389	0.000	0.000	0.000	0.000	2.598	1.000	0.000	0.000	0.605	11.592
Y2	6.428	0.890	0.356	0.000	0.000	5.000	0.000	11.662	0.000	1.998	26.334
Y3	5.698	0.890	0.356	0.000	0.000	6.672	0.000	6.280	0.000	2.574	22.470
Y4	6.748	0.890	0.000	0.000	0.444	10.475	0.640	4.949	0.000	0.554	24.700
Y5	6.380	0.000	0.000	0.000	18.316	1.937	0.000	5.568	0.000	0.050	32.250
<b>Total</b>	<b>32.644</b>	<b>2.670</b>	<b>0.712</b>	<b>0.000</b>	<b>18.760</b>	<b>26.682</b>	<b>1.640</b>	<b>28.460</b>	<b>0.000</b>	<b>5.780</b>	<b>117.346</b>

Note: Highway Other = NHPP, Statewide-TE, Statewide-CMAQ, Statewide-HSIP, SRTS

Please Note: Financial constraint of the total state program will be depicted in the State Transportation Improvement Program (STIP). Funding levels have been developed cooperatively between the state and the regional members of the MPO as part of the MPO process in TIP development. The financial plan contained herein is financially constrained and indicates that the Berkshire MPO Transportation Improvement Program (TIP) reflects the federal program emphasis on the maintenance and operation of the current roadways, bridges, and transit system with the ability to provide additional capital improvements. Only projects for which funds can reasonably be expected have been included.

**SUMMARY OF FEDERAL FUNDING CATEGORIES (\$millions):**

<b>Funding Category</b>	<b>FFY 1</b>	<b>FFY 2</b>	<b>FFY 3</b>	<b>FFY 4</b>	<b>FFY 5</b>	<b>Total</b>
Bridge NHPP	0.000	0.000	0.000	0.444	18.316	18.760
Bridge Off	2.598	5.000	6.672	10.475	1.937	26.682
CMAQ	0.000	0.890	0.890	0.890	0.000	2.670
HSIP	0.000	0.356	0.356	0.000	0.000	0.712
TAP	0.000	0.000	0.000	0.000	0.000	0.000
NHPP	0.000	0.000	5.686	0.000	5.568	11.254
STP	7.389	6.428	5.698	6.748	6.380	32.644
TE	0.000	0.000	0.000	0.000	0.000	0.000
Statewide -TE	0.000	0.000	0.000	0.000	0.000	0.000
Statewide -CMAQ	0.000	10.165	0.000	4.949	0.000	15.114
Statewide -HSIP	0.000	1.498	0.594	0.000	0.000	2.092
STP-Safety	0.000	0.000	0.000	0.000	0.000	0.000
HPP	1.000	0.000	0.000	0.640	0.000	1.640
S.112	0.000	0.000	0.000	0.000	0.000	0.000
S.115	0.000	0.000	0.000	0.000	0.000	0.000
S.117	0.000	0.000	0.000	0.000	0.000	0.000
TCSP	0.000	0.000	0.000	0.000	0.000	0.000
SBYWY	0.000	0.000	0.000	0.000	0.000	0.000
SRTS	0.000	0.000	0.000	0.000	0.000	0.000
<b>FHWA TOTAL</b>	<b>10.987</b>	<b>24.336</b>	<b>19.896</b>	<b>24.147</b>	<b>32.200</b>	<b>111.567</b>
FTA-Program						
5307	0.534	1.998	2.574	0.554	0.050	5.709
5309	0.000	0.000	0.000	0.000	0.000	0.000
5310	0.000	0.000	0.000	0.000	0.000	0.000
5311	0.000	0.000	0.000	0.000	0.000	0.000
5337	0.000	0.000	0.000	0.000	0.000	0.000
5339	0.000	0.000	0.000	0.000	0.000	0.000
Other Federal	0.000	0.000	0.000	0.000	0.000	0.000
Other Non Federal	0.071	0.000	0.000	0.000	0.000	0.071
<b>FTA TOTAL</b>	<b>0.605</b>	<b>1.998</b>	<b>2.574</b>	<b>0.554</b>	<b>0.050</b>	<b>5.780</b>
<b>GRAND TOTAL</b>	<b>11.592</b>	<b>26.334</b>	<b>22.470</b>	<b>24.700</b>	<b>32.250</b>	<b>117.346</b>

## 2. FEDERAL REGIONAL TARGETS

### TITLE 23 - TRANSPORTATION FUNDING

#### FEDERAL FISCAL YEAR 2017 FFY 2017-2021 STIP FEDERAL REGIONAL TARGETS

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$585,525,568		
Redistribution, as Estimated by MassDOT	\$29,474,432		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$615,000,000</b>		
ABP GANS Repayment	\$59,150,000		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>\$555,850,000</b>	<b>\$125,591,156</b>	<b>\$681,441,156</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$12,000,000	\$3,000,000	\$15,000,000
Statewide Safety Program	\$24,273,676	\$2,697,075	\$26,970,751
Statewide Safe Routes to Schools Program	\$5,000,000	\$1,250,000	\$6,250,000
Statewide CMAQ Program	\$12,000,000	\$3,000,000	\$15,000,000
Statewide Intelligent Transportation System Program	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Interstate Maintenance Program	\$63,000,000	\$7,000,000	\$70,000,000
Statewide National Freight Program	\$0	\$0	\$0
Statewide NHS Preservation Program	\$36,000,000	\$9,000,000	\$45,000,000
Statewide RR Grade Crossings	\$7,111,110	\$1,777,778	\$8,888,888
Statewide Stormwater Retrofits	\$5,000,000	\$1,250,000	\$6,250,000
Statewide ADA Implementation Plan	\$4,000,000	\$1,000,000	\$5,000,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$178,384,786</b>	<b>\$32,474,853</b>	<b>\$210,859,639</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Etc.	\$25,621,324	\$6,405,331	\$32,026,655
Planning	\$22,704,000	\$5,676,000	\$28,380,000
Recreational Trails	\$1,186,729	\$296,682	\$1,483,411
DBEs, Misc Programs	\$800,000	\$200,000	\$1,000,000
Design and Right of Way	\$3,436,323	\$859,081	\$4,295,403
<b>Subtotal Other Statewide Items:</b>	<b>\$53,748,376</b>	<b>\$13,437,094</b>	<b>\$67,185,470</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$7,200,000</b>	<b>\$1,800,000</b>	<b>\$9,000,000</b>
<b>Bridge Program:</b>			
Statewide Systematic Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Off-System Bridge Program	\$28,456,838	\$7,114,210	\$35,571,048
Statewide On System Bridge Program	\$108,000,000	\$27,000,000	\$135,000,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$149,456,838</b>	<b>\$37,364,210</b>	<b>\$186,821,048</b>
<b>Total Regional Targets:</b>			
CMAQ - Congestion Mitigation and Air Quality Improvement Program	\$25,000,000	\$6,250,000	\$31,250,000
HSIP - Highway Safety Improvement Program	\$9,000,000	\$1,000,000	\$10,000,000
TAP - Transportation Alternatives Program	\$5,884,000	\$1,471,000	\$7,355,000
Regional Non-CMAQ / HSIP Component:	\$127,176,000	\$31,794,000	\$158,970,000
<b>Total Regional Target</b>	<b>\$167,060,000</b>	<b>\$40,515,000</b>	<b>\$207,575,000</b>

Region	Regional Share (%)	Regional HSIP Component With State Match	Regional CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/ HSIP/TAP with State Match
Berkshire Region	3.5596	\$355,964	\$1,112,389	\$0	\$7,388,931	\$5,920,578
Boston Region	42.9671	\$4,296,710	\$13,427,220	\$2,902,060	\$89,188,965	\$68,562,975
Cape Cod	4.5851	\$458,514	\$1,432,857	\$193,036	\$9,517,607	\$7,433,201
Central Mass	8.6901	\$869,013	\$2,715,666	\$984,220	\$18,038,539	\$13,469,640
Franklin Region	2.5397	\$253,975	\$793,671	\$0	\$5,271,878	\$4,224,233
Martha's Vineyard	0.3100	\$30,997	\$96,865	\$0	\$643,418	\$515,556
Merrimack Valley	4.4296	\$442,956	\$1,384,237	\$344,036	\$9,194,653	\$7,023,424
Montachusett	4.4596	\$445,955	\$1,393,611	\$120,756	\$9,256,919	\$7,296,597
Nantucket	0.2200	\$21,998	\$68,743	\$0	\$456,619	\$365,878
Northern Middlesex	3.9096	\$390,961	\$1,221,753	\$276,316	\$8,115,371	\$6,226,341
Old Colony	4.5595	\$455,954	\$1,424,858	\$337,265	\$9,464,473	\$7,246,397
Pioneer Valley	10.8099	\$1,080,992	\$3,378,100	\$1,250,000	\$22,438,689	\$16,729,598
Southeastern Mass	8.9601	\$896,010	\$2,800,033	\$947,311	\$18,598,936	\$13,955,582
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$31,250,000</b>	<b>\$7,355,000</b>	<b>\$207,575,000</b>	<b>\$158,970,000</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2018  
FFY 2017-2021 STIP  
FEDERAL REGIONAL TARGETS

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$598,178,885		
Redistribution, as Estimated by MassDOT	\$26,821,115		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$625,000,000</b>		
ABP GANS Repayment	\$68,463,700		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>\$556,536,300</b>	<b>\$129,584,075</b>	<b>\$686,120,375</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$8,500,000	\$2,125,000	\$10,625,000
Statewide Safety Program	\$26,460,000	\$2,940,000	\$29,400,000
Statewide Safe Routes to Schools Program	\$6,000,000	\$1,500,000	\$7,500,000
Statewide CMAQ Program	\$43,000,000	\$10,750,000	\$53,750,000
Statewide Intelligent Transportation System Program	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Interstate Maintenance Program	\$33,300,000	\$3,700,000	\$37,000,000
Statewide National Freight Program	\$0	\$0	\$0
Statewide NHS Preservation Program	\$41,000,000	\$10,250,000	\$51,250,000
Statewide RR Grade Crossings	\$4,250,000	\$1,062,500	\$5,312,500
Statewide Stormwater Retrofits	\$6,000,000	\$1,500,000	\$7,500,000
Statewide ADA Implementation Plan	\$0	\$0	\$0
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$178,510,000</b>	<b>\$36,327,500</b>	<b>\$214,837,500</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Etc.	\$33,952,975	\$8,488,244	\$42,441,219
Planning	\$22,696,960	\$5,674,240	\$28,371,200
Recreational Trails	\$1,186,729	\$296,682	\$1,483,411
DBEs, Misc Programs	\$800,000	\$200,000	\$1,000,000
Design and Right of Way	\$4,472,797	\$1,118,199	\$5,590,996
<b>Subtotal Other Statewide Items:</b>	<b>\$63,109,461</b>	<b>\$15,777,365</b>	<b>\$78,886,826</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Bridge Program:</b>			
Statewide Systematic Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Off-System Bridge Program	\$28,456,838	\$7,114,210	\$35,571,048
Statewide On System Bridge Program	\$100,000,000	\$25,000,000	\$125,000,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$141,456,838</b>	<b>\$35,364,210</b>	<b>\$176,821,048</b>
<b>Total Regional Targets:</b>			
CMAQ - Congestion Mitigation and Air Quality Improvement Program	\$20,000,000	\$5,000,000	\$25,000,000
HSIP - Highway Safety Improvement Program	\$9,000,000	\$1,000,000	\$10,000,000
TAP - Transportation Alternatives Program	\$4,555,000	\$1,138,750	\$5,693,750
Regional Non-CMAQ / HSIP Component:	\$139,905,001	\$34,976,250	\$174,881,251
<b>Total Regional Target</b>	<b>173,460,001</b>	<b>42,115,000</b>	<b>215,575,001</b>

Region	Regional Share (%)	Regional HSIP Component With State Match	Regional CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/ HSIP/TAP with State Match
Berkshire Region	3.5596	\$355,964	\$889,911	\$0	\$7,673,703	\$6,427,827
Boston Region	42.9671	\$4,296,710	\$10,741,776	\$2,927,554	\$92,626,334	\$74,660,294
Cape Cod	4.5851	\$458,514	\$1,146,285	\$210,307	\$9,884,419	\$8,069,312
Central Mass	8.6901	\$869,013	\$2,172,533	\$475,200	\$18,733,750	\$15,217,005
Franklin Region	2.5397	\$253,975	\$634,937	\$0	\$5,475,057	\$4,586,146
Martha's Vineyard	0.3100	\$30,997	\$77,492	\$0	\$668,216	\$559,727
Merrimack Valley	4.4296	\$442,956	\$1,107,389	\$350,938	\$9,549,018	\$7,647,735
Montachusett	4.4596	\$445,955	\$1,114,889	\$85,141	\$9,613,684	\$7,967,699
Nantucket	0.2200	\$21,998	\$54,995	\$0	\$474,218	\$397,225
Northern Middlesex	3.9096	\$390,961	\$977,402	\$281,859	\$8,428,140	\$6,777,917
Old Colony	4.5595	\$455,954	\$1,139,886	\$345,114	\$9,829,237	\$7,888,282
Pioneer Valley	10.8099	\$1,080,992	\$2,702,480	\$540,000	\$23,303,483	\$18,980,011
Southeastern Mass	8.9601	\$896,010	\$2,240,026	\$477,637	\$19,315,744	\$15,702,071
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$25,000,000</b>	<b>\$5,693,750</b>	<b>\$215,575,001</b>	<b>\$174,881,251</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2019  
FFY 2017-2021 STIP  
FEDERAL REGIONAL TARGETS

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$611,680,644		
Redistribution, as Estimated by MassDOT	\$18,319,356		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$630,000,000</b>		
ABP GANS Repayment	\$73,525,150		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>\$556,474,850</b>	<b>\$130,310,043</b>	<b>\$686,784,893</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Safety Program	\$29,206,936	\$3,868,064	\$33,075,000
Statewide Safe Routes to Schools Program	\$5,000,000	\$1,250,000	\$6,250,000
Statewide CMAQ Program	\$31,000,000	\$7,750,000	\$38,750,000
Statewide Intelligent Transportation System Program	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Interstate Maintenance Program	\$29,700,000	\$3,300,000	\$33,000,000
Statewide National Freight Program	\$0	\$0	\$0
Statewide NHS Preservation Program	\$59,200,000	\$14,800,000	\$74,000,000
Statewide RR Grade Crossings	\$3,800,000	\$950,000	\$4,750,000
Statewide Stormwater Retrofits	\$2,000,000	\$500,000	\$2,500,000
Statewide ADA Implementation Plan	\$1,400,000	\$350,000	\$1,750,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$181,306,936</b>	<b>\$37,768,064</b>	<b>\$219,075,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Etc.	\$25,000,000	\$6,250,000	\$31,250,000
Planning	\$22,619,520	\$5,654,880	\$28,274,400
Recreational Trails	\$1,186,729	\$296,682	\$1,483,411
DBEs, Misc Programs	\$800,000	\$200,000	\$1,000,000
Design and Right of Way	\$4,644,827	\$1,161,207	\$5,806,034
<b>Subtotal Other Statewide Items:</b>	<b>\$54,251,076</b>	<b>\$13,562,769</b>	<b>\$67,813,845</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Bridge Program:</b>			
Statewide Systematic Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Off-System Bridge Program	\$28,456,838	\$7,114,210	\$35,571,048
Statewide On System Bridge Program	\$106,000,000	\$26,500,000	\$132,500,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$147,456,838</b>	<b>\$36,864,210</b>	<b>\$184,321,048</b>
<b>Total Regional Targets:</b>			
CMAQ - Congestion Mitigation and Air Quality Improvement Program	\$20,000,000	\$5,000,000	\$25,000,000
HSIP - Highway Safety Improvement Program	\$9,000,000	\$1,000,000	\$10,000,000
TAP - Transportation Alternatives Program	\$4,540,000	\$1,135,000	\$5,675,000
Regional Non-CMAQ / HSIP Component:	\$139,920,000	\$34,980,000	\$174,900,000
<b>Total Regional Target</b>	<b>173,460,000</b>	<b>42,115,000</b>	<b>215,575,000</b>

Region	Regional Share (%)	Regional HSIP Component With State Match	Regional CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/HSIP/TAP with State Match
Berkshire Region	3.5596	\$355,964	\$889,911	\$0	\$7,673,703	\$6,427,827
Boston Region	42.9671	\$4,296,710	\$10,741,776	\$2,882,340	\$92,626,333	\$74,705,507
Cape Cod	4.5851	\$458,514	\$1,146,285	\$193,036	\$9,884,419	\$8,086,583
Central Mass	8.6901	\$869,013	\$2,172,533	\$488,961	\$18,733,750	\$15,203,244
Franklin Region	2.5397	\$253,975	\$634,937	\$0	\$5,475,057	\$4,586,146
Martha's Vineyard	0.3100	\$30,997	\$77,492	\$0	\$668,216	\$559,727
Merrimack Valley	4.4296	\$442,956	\$1,107,389	\$345,082	\$9,549,018	\$7,653,590
Montachusett	4.4596	\$445,955	\$1,114,889	\$85,118	\$9,613,684	\$7,967,722
Nantucket	0.2200	\$21,998	\$54,995	\$0	\$474,218	\$397,225
Northern Middlesex	3.9096	\$390,961	\$977,402	\$277,156	\$8,428,140	\$6,782,620
Old Colony	4.5595	\$455,954	\$1,139,886	\$338,242	\$9,829,237	\$7,895,154
Pioneer Valley	10.8099	\$1,080,992	\$2,702,480	\$537,500	\$23,303,483	\$18,982,511
Southeastern Mass	8.9601	\$896,010	\$2,240,026	\$527,565	\$19,315,744	\$15,652,143
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$25,000,000</b>	<b>\$5,675,000</b>	<b>\$215,575,000</b>	<b>\$174,900,000</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2020  
FFY 2017-2021 STIP  
FEDERAL REGIONAL TARGETS

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$626,330,019		
Redistribution, as Estimated by MassDOT	\$8,669,981		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$635,000,000</b>		
ABP GANS Repayment	\$77,951,600		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>\$557,048,400</b>	<b>\$138,087,100</b>	<b>\$695,135,500</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$12,000,000	\$3,000,000	\$15,000,000
Statewide Safety Program	\$26,460,000	\$2,940,000	\$29,400,000
Statewide Safe Routes to Schools Program	\$5,000,000	\$1,250,000	\$6,250,000
Statewide CMAQ Program	\$27,000,000	\$15,000,000	\$42,000,000
Statewide Intelligent Transportation System Program	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Interstate Maintenance Program	\$32,400,000	\$3,600,000	\$36,000,000
Statewide National Freight Program	\$0	\$0	\$0
Statewide NHS Preservation Program	\$60,000,000	\$15,000,000	\$75,000,000
Statewide RR Grade Crossings	\$2,000,000	\$500,000	\$2,500,000
Statewide Stormwater Retrofits	\$4,000,000	\$1,000,000	\$5,000,000
Statewide ADA Implementation Plan	\$0	\$0	\$0
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$178,860,000</b>	<b>\$44,790,000</b>	<b>\$223,650,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Etc.	\$28,926,493	\$7,231,623	\$36,158,116
Planning	\$23,457,280	\$5,864,320	\$29,321,600
Recreational Trails	\$1,186,729	\$296,682	\$1,483,411
DBEs, Misc Programs	\$800,000	\$200,000	\$1,000,000
Design and Right of Way	\$4,816,858	\$1,204,214	\$6,021,072
<b>Subtotal Other Statewide Items:</b>	<b>\$59,187,360</b>	<b>\$14,796,840</b>	<b>\$73,984,200</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Bridge Program:</b>			
Statewide Systematic Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Off-System Bridge Program	\$28,456,838	\$7,114,210	\$35,571,048
Statewide On System Bridge Program	\$100,000,000	\$25,000,000	\$125,000,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$141,456,838</b>	<b>\$35,364,210</b>	<b>\$176,821,048</b>
<b>Total Regional Targets:</b>			
CMAQ - Congestion Mitigation and Air Quality Improvement Program	\$20,000,000	\$5,000,000	\$25,000,000
HSIP - Highway Safety Improvement Program	\$9,000,000	\$1,000,000	\$10,000,000
TAP - Transportation Alternatives Program	\$4,485,000	\$1,121,250	\$5,606,250
Regional Non-CMAQ / HSIP Component:	\$144,059,202	\$36,014,801	\$180,074,003
<b>Total Regional Target</b>	<b>177,544,202</b>	<b>43,136,051</b>	<b>220,680,253</b>

Region	Regional Share (%)	Regional HSIP Component With State Match	Regional CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/ HSIP/TAP with State Match
Berkshire Region	3.5596	\$355,964	\$889,911	\$0	\$7,855,431	\$6,609,556
Boston Region	42.9671	\$4,296,710	\$10,741,776	\$2,892,035	\$94,819,913	\$76,889,391
Cape Cod	4.5851	\$458,514	\$1,146,285	\$203,196	\$10,118,502	\$8,310,507
Central Mass	8.6901	\$869,013	\$2,172,533	\$486,527	\$19,177,403	\$15,649,330
Franklin Region	2.5397	\$253,975	\$634,937	\$0	\$5,604,718	\$4,715,807
Martha's Vineyard	0.3100	\$30,997	\$77,492	\$0	\$684,040	\$575,551
Merrimack Valley	4.4296	\$442,956	\$1,107,389	\$345,082	\$9,775,158	\$7,879,731
Montachusett	4.4596	\$445,955	\$1,114,889	\$84,245	\$9,841,355	\$8,196,266
Nantucket	0.2200	\$21,998	\$54,995	\$0	\$485,448	\$408,456
Northern Middlesex	3.9096	\$390,961	\$977,402	\$277,156	\$8,627,735	\$6,982,216
Old Colony	4.5595	\$455,954	\$1,139,886	\$339,064	\$10,062,013	\$8,127,109
Pioneer Valley	10.8099	\$1,080,992	\$2,702,480	\$537,500	\$23,855,357	\$19,534,385
Southeastern Mass	8.9601	\$896,010	\$2,240,026	\$697,696	\$19,773,180	\$15,939,448
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$25,000,000</b>	<b>\$5,606,250</b>	<b>\$220,680,253</b>	<b>\$179,817,753</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2021  
FFY 2017-2021 STIP  
FEDERAL REGIONAL TARGETS

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$626,330,019		
Redistribution, as Estimated by MassDOT	\$13,669,981		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$640,000,000</b>		
ABP GANS Repayment	\$82,588,050		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>\$557,411,950</b>	<b>\$131,927,987</b>	<b>\$689,339,937</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$59,000,000	\$14,750,000	\$73,750,000
Statewide Safety Program	\$26,460,000	\$2,940,000	\$29,400,000
Statewide Safe Routes to Schools Program	\$5,000,000	\$1,250,000	\$6,250,000
Statewide CMAQ Program	\$32,000,000	\$10,000,000	\$42,000,000
Statewide Intelligent Transportation System Program	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Interstate Maintenance Program	\$32,400,000	\$3,600,000	\$36,000,000
Statewide National Freight Program	\$0	\$0	\$0
Statewide NHS Preservation Program	\$60,000,000	\$15,000,000	\$75,000,000
Statewide RR Grade Crossings	\$2,000,000	\$500,000	\$2,500,000
Statewide Stormwater Retrofits	\$4,000,000	\$1,000,000	\$5,000,000
Statewide ADA Implementation Plan	\$1,400,000	\$350,000	\$1,750,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$232,260,000</b>	<b>\$51,890,000</b>	<b>\$284,150,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Etc.	\$22,880,252	\$5,720,063	\$28,600,315
Planning	\$24,295,040	\$6,073,760	\$30,368,800
Recreational Trails	\$1,186,729	\$296,682	\$1,483,411
DBEs, Misc Programs	\$800,000	\$200,000	\$1,000,000
Design and Right of Way	\$4,988,888	\$1,247,222	\$6,236,111
<b>Subtotal Other Statewide Items:</b>	<b>\$54,150,909</b>	<b>\$13,537,727</b>	<b>\$67,688,637</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Bridge Program:</b>			
Statewide Systematic Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Off-System Bridge Program	\$28,456,838	\$7,114,210	\$35,571,048
Statewide On System Bridge Program	\$52,000,000	\$13,000,000	\$65,000,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$93,456,838</b>	<b>\$23,364,210</b>	<b>\$116,821,048</b>
<b>Total Regional Targets:</b>			
CMAQ - Congestion Mitigation and Air Quality Improvement Program	\$20,000,000	\$5,000,000	\$25,000,000
HSIP - Highway Safety Improvement Program	\$9,000,000	\$1,000,000	\$10,000,000
TAP - Transportation Alternatives Program	\$4,690,000	\$1,172,500	\$5,862,500
Regional Non-CMAQ / HSIP Component:	\$143,854,202	\$35,963,551	\$179,817,753
<b>Total Regional Target</b>	<b>177,544,202</b>	<b>43,136,051</b>	<b>220,680,253</b>

Region	Regional Share (%)	Regional HSIP Component With State Match	Regional CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/ HSIP/TAP with State Match
Berkshire Region	3.5596	\$355,964	\$889,911	\$0	\$7,855,431	\$6,609,556
Boston Region	42.9671	\$4,296,710	\$10,741,776	\$2,892,035	\$94,819,913	\$76,889,391
Cape Cod	4.5851	\$458,514	\$1,146,285	\$203,196	\$10,118,502	\$8,310,507
Central Mass	8.6901	\$869,013	\$2,172,533	\$486,527	\$19,177,403	\$15,649,330
Franklin Region	2.5397	\$253,975	\$634,937	\$0	\$5,604,718	\$4,715,807
Martha's Vineyard	0.3100	\$30,997	\$77,492	\$0	\$684,040	\$575,551
Merrimack Valley	4.4296	\$442,956	\$1,107,389	\$345,082	\$9,775,158	\$7,879,731
Montachusett	4.4596	\$445,955	\$1,114,889	\$84,245	\$9,841,355	\$8,196,266
Nantucket	0.2200	\$21,998	\$54,995	\$0	\$485,448	\$408,456
Northern Middlesex	3.9096	\$390,961	\$977,402	\$277,156	\$8,627,735	\$6,982,216
Old Colony	4.5595	\$455,954	\$1,139,886	\$339,064	\$10,062,013	\$8,127,109
Pioneer Valley	10.8099	\$1,080,992	\$2,702,480	\$537,500	\$23,855,357	\$19,534,385
Southeastern Mass	8.9601	\$896,010	\$2,240,026	\$697,696	\$19,773,180	\$15,939,448
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$25,000,000</b>	<b>\$5,862,500</b>	<b>\$220,680,253</b>	<b>\$179,817,753</b>

### 3. STATUS OF FUNDS

SUMMARY OF TEA 21 HIGH PRIORITY FUNDS AVAILABLE IN 2016					
NOTE: All figures are Federal Funds only (excluding State Match)					
Region	City/Town	Description	Total Allocated (1999 - 2007)	Obligated Amount to date	Balance Available in 2016
BRPC	LANESBORO-CHESHIRE-ADAMS	CONSTRUCT HOUSATONIC-HOOSIC BICYCLE NETWORK & ASHUWILLTICOOK RECREATIONAL RAIL TRAIL IN LANESBOROUGH-CHESHIRE-ADAMS	3,075,299	3,075,299	0
BRPC	PITTSFIELD MA20	ENVIRONMENTAL STUDIES, P.E., AND DESIGN OF NORTH-SOUTH CONNECTOR IN PITTSFIELD TO IMPROVE ACCESS TO I-90	1,537,649	1,069,380	468,269
BRPC	BRTA	BUS MAINTENANCE FACILITY	99,500		

#### SUMMARY OF SAFETEA-LU HPP FUNDS AVAILABLE IN 2016 (Federal Funds only)

City/Town	Description	Amount Accrued 2005-2009 (Fed. funds only)	Programmed Amounts 2016-2021	
			Year	Amount
Region (MA 173)	Berkshire County Bike Paths, Design and Construction	\$4,005,900	2015	\$2,688,000
			2016	\$800,000
			2020	\$512,000
North Adams (MA 192)	Design and Construct Downtown Roadway and Streetscape Improvements	\$1,858,950	2016-2021	\$0

MA 192 – these funds were obligated and expended for design (2008) and construction (2010).

STATUS OF PREVIOUS ANNUAL ELEMENT PROJECTS

**Highways**

A listing of the Highway Funded Projects from the previous TIP that have been advertised and those that have yet to be advertised can be found on the following tables.

**FHWA Projects Advertised from 10/1/15 to 6/30/16 in the BRPC Region**

Locale	Description	Adv. Amt.	ID No.	Fund
Dalton	Bridge Maintenance (D-01-005) Route 8 over East Branch Housatonic River	\$628,656	607511	National Highway Preservation Program
Great Barrington	Bridge Replacement (G-11-005) Route 183 (Park Street) over Housatonic River	\$4,524,397	605299	Surface Trans. Program ON-SYSTEM BRIDGE

**FHWA Funded Projects anticipated to be advertised (7/1/16 to 9/30/16)**

Locale	Description	Current TIP Estimate <sup>A</sup>	ID No.	Fund
Adams/North Adams	Design Contract - Ashuwillticook Rail Trail Extension (Lime Street to Hodges Cross Road)	\$1,000,000	606890	SAFETEA-LU, HPP
Florida	Bridge Replacement (F-05-002) South County Rd. over Cold River	\$1,648,080	607116	Surface Trans. Program OFF-SYSTEM BRIDGE
Lanesborough	Bridge Replacement (L-03-024) Narragansett Avenue over Pontoosuc Lake	\$7,016,687	603778	Surface Trans. Program OFF-SYSTEM BRIDGE
New Marlborough	Bridge Replacement (N-08-022) Hadsell Rd. over Umpachene Brook	\$1,200,000	605314	Surface Trans. Program OFF-SYSTEM BRIDGE
Pittsfield	Intersection Improvements, Center St. at W. Housatonic St.	\$3,000,000	607900	Regional CMAQ, HSIP Statewide CMAQ, HSIP
Washington	Bridge Replacement (W-09-006) Summit Hill Rd. over CSX RR	\$1,498,696	605350	Surface Trans. Program OFF-SYSTEM BRIDGE

<sup>A</sup> TIP estimate includes State/Local match.

**Transit**

The major Transit Projects from the previous TIP which have been implemented are shown below along with the dollar amount of the Federal share of the project:

Section 5307 Operating – Small Urban Areas	\$ 1,361,927
Section 5307 Capital	\$ 343,180
Section 5311 Operating - Rural Areas	\$ <u>264,856</u>
Total Federal Transit Dollars	\$ 1,969,963

**STATUS OF FFY 2016 TRANSIT PROJECTS (FEDERAL FUNDS) Funds are as of 6/21/16**

**Federal Funds Direct to Recipient from FTA**

Section	Description	Federal Funds	Approval Status	Grant #	Comments
5309	SGR Capital	2,291,200	approved	MA-04-0074	Available 2,011
5307	Capital	160,000	approved	MA-90-X690	Available 33,681
5307	Repurposed	471,300	approved	MA-90- X021	Available 48,110
5309	VTCLI	2,000,000	approved	MA-04-0081	Available 237,714
5307	Operating	1,462,814	approved	MA-90-X669	Available 0
5307	Capital	180,000	approved	MA-90-X669	Available 0; closed out FY16
5307	Operating	1,488,689	approved	MA-90-X702	Available 0
5307	Capital	205,416	approved	MA-90-X702	Available 6,128
5307	Operating	1,350,309	approved	MA-90-X732	Available 430,093
5307	Capital	335,600	approved	MA-90-X732	Available 211,959

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#### 4. CERTIFICATIONS

### BERKSHIRE METROPOLITAN PLANNING ORGANIZATION CERTIFICATION OF THE 3C PROCESS

This will certify that the Comprehensive, Continuing, Cooperative (3C) Transportation Planning Process for the Berkshire Region, conducted under the auspices of the Berkshire County Metropolitan Planning Organization, is addressing major issues facing the region and is being conducted in accordance with the requirements of:

- 23 U.S.C. 134, 49 U.S.C. 5303; 23 CFR and this subpart 450.334; and 23 CFR part 450.326;
- In Non-Attainment and Maintenance areas, Sections 174 & 176(c)&(d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506(c)&(d)) and 40 CFR part 93;
- Title VI of the Civil Rights Act of 1964, as amended (49 U.S.C. 2000d-1) and 49 CFR part 21;
- 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- Section 1101(b) of the Safe, Accountable, Flexible and Efficient Transportation Equity Act – A Legacy for Users (SAFETEA-LU) (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises (DBE) in USDOT funded projects;
- 23 CFR, Part 230, regarding the implementation of an equal employment opportunity program on federal and federal aid highway construction contracts;
- The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37 and 38;
- The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- Section 324 of title 23, U.S.C., regarding the prohibition of discrimination based on gender; and
- Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 35 regarding discrimination against people with disabilities.
- Anti-lobbying restrictions found in 49 USC Part 20. No appropriate funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, a Member of Congress, in connection with the awarding of any Federal contract.

The currently endorsed Unified Planning Work Program, Regional Transportation Plan, and Transportation Improvement Program, together with any amendments, were developed in accordance with the legislation and regulations cited above and any and all other applicable provisions. The Berkshire Metropolitan Planning Organization authorizes the Chairman to endorse the document on their behalf.

  
\_\_\_\_\_  
Stephanie Pollack  
MassDOT Secretary and CEO  
Berkshire MPO Chairman

08/02/16  
\_\_\_\_\_  
Date

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## AIR QUALITY CONFORMITY INFORMATION

### FFY 2017-2021 Berkshire MPO Transportation Improvement Program

Since most all of Massachusetts (with limited exceptions) was designated on 5/21/12 by the United States Environmental Protection Agency as “unclassifiable/attainment” for the latest ozone standard, a conformity determination for the Berkshire MPO 2017-21 TIP is not required. Further details and background information are provided below:

#### **Introduction**

The 1990 Clean Air Act Amendments (CAAA) require metropolitan planning organizations within nonattainment and maintenance areas to perform air quality conformity determinations prior to the approval of Long-Range Transportation Plans (LRTPs) and Transportation Improvement Programs (TIPs), and at such other times as required by regulation. A nonattainment area is one that the U.S. Environmental Protection Agency (EPA) has designated as not meeting certain air quality standards. A maintenance area is a nonattainment area that now meets the standards and has been re-designated as maintaining the standard. A conformity determination is a demonstration that plans, programs, and projects are consistent with the State Implementation Plan (SIP) for attaining the air quality standards. The CAAA requirement to perform a conformity determination ensures that federal approval and funding go to transportation activities that are consistent with air quality goals.

The entire Commonwealth of Massachusetts was previously classified as nonattainment for ozone, and was divided into two nonattainment areas. The Eastern Massachusetts ozone nonattainment area included Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprised the Western Massachusetts ozone nonattainment area. With these classifications, the 1990 Clean Air Act Amendments (CAAA) required the Commonwealth to reduce its emissions of volatile organic compounds (VOCs) and nitrogen oxides (NOx), the two major precursors to ozone formation to achieve attainment of the ozone standard.

#### **Legislative and Regulatory Background**

The 1970 Clean Air Act defined a one-hour national ambient air quality standard (NAAQS) for ground-level ozone. The 1990 CAAA further classified degrees of nonattainment of the one-hour standard based on the severity of the monitored levels of the pollutant. The entire commonwealth of Massachusetts was classified as being in serious nonattainment for the one-hour ozone standard, with a required attainment date of 1999. The attainment date was later extended, first to 2003 and a second time to 2007.

In 1997, the EPA proposed a new, eight-hour ozone standard that replaced the one-hour standard, effective June 15, 2005. Scientific information had shown that ozone could affect human health at lower levels, and over longer exposure times than one hour. The new standard was challenged in court, and after a lengthy legal battle, the courts upheld it. It was finalized in June 2004. The eight-hour standard is 0.08 parts per million, averaged over eight hours and not to be exceeded more than once per year. Nonattainment areas were again further classified based on the severity of the eight-hour values. Massachusetts as a whole was classified as being in moderate nonattainment for the eight-hour standard, and was separated into two nonattainment areas—Eastern Massachusetts and Western Massachusetts.

In March 2008, EPA published revisions to the eight-hour ozone NAAQS establishing a level of 0.075 ppm, (March 27, 2008; 73 FR 16483). In 2009, EPA announced it would reconsider this standard because it fell outside of the range recommended by the Clean Air Scientific Advisory Committee. However, EPA did not take final action on the reconsideration so the standard would remain at 0.075 ppm.

After reviewing data from Massachusetts monitoring stations, EPA sent a letter on December 16, 2011 proposing that only Dukes County would be designated as nonattainment for the new proposed 0.075 ozone standard. Massachusetts concurred with these findings.

On May 21, 2012, (77 FR 30088), the final rule was published in the Federal Register, defining the 2008 NAAQS at 0.075 ppm, the standard that was promulgated in March 2008. A second rule published on May 21, 2012 (77 FR 30160), revoked the 1997 ozone NAAQS to occur one year after the July 20, 2012 effective date of the 2008 NAAQS.

Also on May 21, 2012, the air quality designations areas for the 2008 NAAQS were published in the Federal Register. In this Federal Register, the only area in Massachusetts that was designated as nonattainment is Dukes County. All other Massachusetts counties were classified as unclassifiable/attainment.

Therefore, conformity for ozone in the Berkshire MPO is required until July 20, 2013 for only the 1997 ozone standard. This standard was revoked on July 20, 2013, and since the latest area designations do not require conformity under the current 2008 standard, the MPO does not need to perform a conformity determination for ozone on the program.

## Highway Operations and Maintenance Expenditures

An assessment has been made of recent and projected MassDOT expenditures for operation and maintenance of the existing system, in accordance with new requirements of FAST and FHWA guidance. The following tables summarize MassDOT expenditures in that category using non-federal and federal funds, respectively. The 2017-2021 TIP does not contain any projects that expand the existing transportation system. Improvement projects in the TIP are focused on improving the safety and efficiency of the existing system, along with the condition. The majority of projects in the TIP are investments in preserving the condition and operation of the existing transportation system. No projects in the TIP will result in increased operation and maintenance costs.

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Berkshire Region - Part 1: Non-Federal Aid  
 as of May 20, 2016

**Non Federal Aid Maintenance Projects - State Bondfunds**

Program Group/Sub Group	Estimated SFY 2017 Expenditures	Estimated SFY 2018 Expenditures	Estimated SFY 2019 Expenditures	Estimated SFY 2020 Expenditures	Estimated SFY 2021 Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>					
New Bridge (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$373,365	\$158,801	\$184,378	\$238,848	\$194,009
Drawbridge Maintenance	\$0	\$0	\$0	\$0	\$0
Structures Maintenance	\$0	\$0	\$0	\$0	\$0
<b>02 - Bridge Painting</b>					
Painting - Structural	\$0	\$0	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>					
Hwy Relocation (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$1,755	\$585	\$780	\$1,040	\$802
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>					
Resurfacing	\$3,666,570	\$4,888,760	\$3,013,304	\$3,856,212	\$3,919,425
<b>05 - Intersection &amp; Safety</b>					
Impact Attenuators	\$0	\$0	\$0	\$0	\$0
Safety Improvements	\$0	\$0	\$0	\$0	\$0
Traffic Signals	\$0	\$0	\$0	\$0	\$0
<b>06 - Signs &amp; Lighting</b>					
Electrical	\$0	\$0	\$0	\$0	\$0
Sign Installation / Upgrading	\$0	\$0	\$0	\$0	\$0
Structural Signing	\$0	\$0	\$0	\$0	\$0
<b>07 - Guardrail</b>					
Guard Rail and Fencing	\$0	\$0	\$0	\$0	\$0
<b>08 - Maintenance</b>					
Catch Basin Cleaning	\$0	\$0	\$0	\$0	\$0
Crack Sealing	\$0	\$0	\$0	\$0	\$0
Landscaping	\$0	\$0	\$0	\$0	\$0
Mowing and Spraying	\$2,044	\$2,725	\$1,589	\$2,119	\$2,144
Pavement Marking	\$0	\$0	\$0	\$0	\$0
Sewer and Water	\$0	\$0	\$0	\$0	\$0
Process/Recycle/Tmsprt Soils	\$131,322	\$46,806	\$60,709	\$79,613	\$62,376
Contract Hwy Maint	\$0	\$0	\$0	\$0	\$0
<b>09 - Facilities</b>					
Chemical Storage Sheds	\$0	\$0	\$0	\$0	\$0
Vertical Construction	\$0	\$0	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a	n/a	n/a
<b>11 - Other</b>					
Demolition	\$0	\$0	\$0	\$0	\$0
Drilling & Boring	\$0	\$0	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0	\$0	\$0
Intelligent Transportation System	\$0	\$0	\$0	\$0	\$0
Marine Construction	\$0	\$0	\$0	\$0	\$0
Miscellaneous / No prequal	\$0	\$0	\$0	\$0	\$0
Reclamation	\$289,906	\$386,541	\$413,689	\$363,379	\$387,870
Underground Tank Removal Replace	\$0	\$0	\$0	\$0	\$0
Unknown	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0
<b>Grand Total NFA:</b>	<b>\$4,464,962</b>	<b>\$5,484,218</b>	<b>\$3,674,450</b>	<b>\$4,541,210</b>	<b>\$4,566,626</b>

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Berkshire Region - Part 2: Federal Aid  
 as of May 20, 2016

**Federal Aid Maintenance Projects**

Program Group/Sub Group	Estimated SFY 2017 Expenditures	Estimated SFY 2018 Expenditures	Estimated SFY 2019 Expenditures	Estimated SFY 2020 Expenditures	Estimated SFY 2021 Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>					
New Bridge (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$1,917,256	\$1,630,382	\$1,333,746	\$1,627,128	\$1,530,419
Drawbridge Maintenance	\$0	\$0	\$0	\$0	\$0
Structures Maintenance	\$760,580	\$739,983	\$698,225	\$732,929	\$723,713
<b>02 - Bridge Painting</b>					
Painting - Structural	\$0	\$0	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>					
Hwy Relocation (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$0	\$0	\$0	\$0	\$0
Hwy Reconstr - No Added Capacity	\$2,925,082	\$3,091,361	\$2,840,582	\$2,952,342	\$2,961,428
Hwy Reconstr - Minor Widening	\$2,843,362	\$3,655,347	\$3,616,481	\$3,371,730	\$3,547,853
Hwy Reconstr - Major Widening	\$0	\$0	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>					
Resurfacing	\$702,113	\$240,637	\$320,849	\$421,199	\$327,562
<b>05 - Intersection &amp; Safety</b>					
Impact Attenuators	\$0	\$0	\$0	\$0	\$0
Safety Improvements	\$0	\$0	\$0	\$0	\$0
Traffic Signals	\$339,068	\$450,327	\$546,204	\$445,199	\$480,577
<b>06 - Signs &amp; Lighting</b>					
Electrical	\$0	\$0	\$0	\$0	\$0
Sign Installation / Upgrading	\$0	\$0	\$0	\$0	\$0
Structural Signing	\$0	\$0	\$0	\$0	\$0
<b>07 - Guardrail</b>					
Guard Rail and Fencing	\$0	\$0	\$0	\$0	\$0
<b>08 - Maintenance</b>					
Catch Basin Cleaning	\$0	\$0	\$0	\$0	\$0
Contract Highway Maintenance	\$0	\$0	\$0	\$0	\$0
Crack Sealing	\$0	\$0	\$0	\$0	\$0
Landscaping	\$1,602	\$2,136	\$2,848	\$2,195	\$2,393
Mowing and Spraying	\$0	\$0	\$0	\$0	\$0
Pavement Marking	\$0	\$0	\$0	\$0	\$0
Process/Recycle/Transport Soils	\$0	\$0	\$0	\$0	\$0
Sewer and Water	\$0	\$0	\$0	\$0	\$0
<b>09 - Facilities</b>					
Chemical Storage Sheds	\$0	\$0	\$0	\$0	\$0
Vertical Construction	\$0	\$0	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a	n/a	n/a
<b>11 - Other</b>					
Demolition	\$0	\$0	\$0	\$0	\$0
Drilling & Boring	\$0	\$0	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0	\$0	\$0
Intelligent Transportation System	\$0	\$0	\$0	\$0	\$0
Marine Construction	\$0	\$0	\$0	\$0	\$0
Miscellaneous / No prequal	\$0	\$0	\$0	\$0	\$0
Reclamation	\$0	\$0	\$0	\$0	\$0
Underground Tank Removal Replace	\$0	\$0	\$0	\$0	\$0
Unknown	\$0	\$0	\$0	\$0	\$0
<b>Grand Total Federal Aid:</b>	<b>\$9,489,062</b>	<b>\$9,810,173</b>	<b>\$9,358,934</b>	<b>\$9,552,723</b>	<b>\$9,573,943</b>

## BRTA Financial Capacity Assessment

An assessment of financial capacity has been made of the transit projects programmed for the Berkshire Regional Transit Authority in this TIP. It is determined that the BRTA has the financial capacity to carry out the programmed projects, based upon the following facts and assumptions:

1. BRTA services are supported by revenues from the following sources:
  - Federal - 27.36%
  - State - 40.92%
  - Local - 14.71%
  - Fares - 15.49%
  - Other - 1.52%
  - Total - 100.00%**

### BRTA Operations and Maintenance Summary State Fiscal Year 2016

The numbers below represent actual numbers for the previous year, the current year budget/forecast approved by the BRTA Advisory Board, and Projections for the out-years. These numbers indicate that there are sufficient revenues projected to meet the operating needs of the area transit authority.

<i>Operating Revenue</i>	<i>Previous</i>	<i>Current</i>	<i>Yr Two</i>	<i>Yr. Three</i>	
	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	
Farebox	952,591	981,995	810,000	834,300	
Section 5307	1,236,422	1,515,700	1,361,927	1,515,700	
Section 5311	261,132	266,381	264,856	266,381	
CMAQ/TDM					
Fully Funded *	6,703,009	6,352,153	8,249,123	8,249,123	
Job Access/Reverse Commute	150,000	101,000	0	0	
New Freedom	59,131	83,720	56,845.21	0	
Advertising	25,000	30,000	35,000	40,000	
Interest Income	3,000	3,000	5,000	3,000	
Rental Income	38,100	13,116	28,608	28,608	
State Contract Assistance **	2,493,472	2,488,000	2,518,634	2,518,634	
Local Assessment	861,492	883,029	905,105	927,733	
Other: (Define)	24,000	25,000	25,000	25,000	
<b>TOTAL</b>	<b>12,807,349</b>	<b>12,743,094</b>	<b>13,450,908</b>	<b>14,408,479</b>	

**BRTA Operations and Maintenance Summary**  
**State Fiscal Year 2016**

<i>Operating Expenses</i> ***	<i>Previous</i>	<i>Current</i>	<i>Yr Two</i>	<i>Yr. Three</i>	
	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	
<b>TOTAL (See Description Below)</b>	12,807,349	12,743,094	13,450,908	14,408,479	

Footnotes:

\* Fully funded refers to contract work often to Human Service Agencies

\*\* Operating assistance provided by the State

\*\*\* Description of Operating Expenses: Salaries and Wages; Fringe Benefits; Legal, Accounting and Professional Services; Promotion/Marketing; Insurance; Equipment Leases and Rentals; Real Property Leases and Rentals; Non-capitalized Maintenance/Repair; Fuel costs; Tire costs; Office Supplies and Equipment; Interest Expense; Utilities; Management Fees; Travel and Training; and Other miscellaneous expense items.

2. While federal, state and local sources of funding are limited, they are presently adequate to support existing levels of service provided by the BRTA through 2017.

3. The first phase of the ITS project implemented in FY 2011 include: installation of mobile data terminals in fixed route buses; creating route maps of all fixed routes; activation of the Route Shout vehicle locator application for smartphones; testing of the depot monitor templates for selected sites along the fixed bus routes. On February 1, 2012, 15 lift equipped, purple BRTA logoed, minivans were placed into operation by the local paratransit contractor to perform ADA and Non-ADA services. The BRTA implemented a new fare structure in January 2014 together with the launch of the Charlie Card. Unlimited ride passes for 1, 7, or 30 days together with stored cash value within the Charlie Card partitions allow customers a variety of transit options. The final phase of the ITS project was implemented in 2015 through the VTCLI grant which included: automatic passenger counters, automated voice announcers, and interactive voice response.

4. Current assets offset current liabilities; and cash flow, supported through revenue anticipation notes, is sufficient to provide cash-on-hand and/or receivables are available to fund operations for one year.

**SPECIAL EFFORTS FOR THE ELDERLY AND DISABLED**

BRTA special efforts to provide transportation services for the elderly and disabled in compliance with Section 504 requirements are described in detail within the document. These special efforts consist of:

1. Half fares on all fixed-route buses on weekdays and on Saturdays.
2. Kneeling feature on all fixed-route buses.
3. Wheelchair lifts or ramps on all fixed-route buses.
4. User-side subsidy program for the use of participating taxis at 80% of the regular fare and Non-ADA paratransit service at 24.46% of the regular fare (available 7 days per week). (This program began in July 1978. It was modified in November 2006 via a public solicitation for a single provider

for both ambulatory and non-ambulatory trips under a multiyear contract. The BRTA acquired a fleet of 15 paratransit vehicles placed into service in February 2012). A new 3 year contract with another vendor, PMB, will begin on July 1, 2016.

Expenditures for ADA and Non-ADA transportation services (contract plus administrative costs) account for 9.30% of BRTA's budgeted operational expense for FY17 (July 1, 2016 – June 30, 2017).

In 1987, the BRTA Advisory Board established a paratransit subcommittee which worked closely with BRPC and BRTA staff, handicapped advocacy organizations and consumers, and adopted a "handicapped accessibility plan" in compliance with Section 504 regulations. This plan is dated June 19, 1987 and it documents the BRTA services for disabled persons, proposed service modifications to improve accessibility, and the public participation process during the development of the plan. BRTA has implemented the plan.

In January 1992 the BRTA Advisory Board adopted an ADA (Americans with Disabilities Act) Plan for Complementary Paratransit Service which was drawn up with the assistance of the paratransit subcommittee. The plan was implemented in July 1992, and updates have been completed each year as required. The BRTA services are currently in full compliance with ADA regulations.

## **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>

# Transportation Improvement Program

## Part D: ATTACHMENTS

1. TIP PROJECTS BY MODE BY YEAR (Combined Federal, State and No Funding)
2. TIP PROJECTS BY TOWN/ CITY
3. BERKSHIRE COUNTY TRANSPORTATION NETWORK MAP
4. BERKSHIRE TIP PROJECTS MAP
5. BERKSHIRE PAST TIP PROJECTS MAP AND TABLES
6. GREENHOUSE GAS MONITORING AND EVALUATION
7. FHWA & FTA TITLE VI CERTIFICATIONS & ASSURANCES

## Attachment 1

### PROJECTS BY TYPE AND YEAR

The table on the following pages lists all TIP and Supplemental List projects in four groupings labeled “Modes”: Bridge, Enhancements, Highways, Other Highways and Transit. Supplemental List highway projects are listed under Other Highways, while unfunded Enhancements and Transit projects are listed in their respective categories.

In the Berkshire region, the Transit element of the TIP consists mostly of formula funding for BRTA operations and maintenance. Capital improvements include the annual purchase of paratransit vehicles to replace aging vans or to expand the capacity of the BRTA and other agencies to provide mobility for disabled, elderly and disadvantaged residents.

#### NOTES ON TABLE:

MODE:	Type of project (Bridges, Enhancements, Highways, Transit)
LOCATION:	City or Town for highway projects. Transit projects list the grant recipient in this column.
LEAD:	Agency responsible for project implementation. Generally MassDOT, municipalities, or BRTA. BRPC (REGION) will be the lead agency for one Scenic Byways project not involving construction.
YR:	Federal Fiscal Year in which a project is programmed for funding. Supplemental List projects are listed with a question mark in the YR column.
OTHER HIGHWAYS:	Highway projects not funded or programmed in this TIP
NOTE:	MODE Totals include projects not funded or programmed

# BRPC: TIP Priorities by Mode -

# BRIDGE

MODE	LOCATION	FACILITY	TYPE OF WORK	LEAD	PRIORITY	YR	FUND	COST	ID#
BRIDGE	LEE	CHAPEL ST	BRIDGE REPLACEMENT	MassDOT		17	BR OFF	1,097,531	607550
BRIDGE	LEE	VALLEY ST	BRIDGE REPLACEMENT	MassDOT		17	BR OFF	1,500,612	607551
<b>Total for YR Y1</b>								<b>2,598,143</b>	
BRIDGE	SHEFFIELD	ROUTE 7A (ASHLEY FALLS RD)	BRIDGE REPLACEMENT	MassDOT		18	BR OFF	5,000,000	608125
<b>Total for YR Y2</b>								<b>5,000,000</b>	
BRIDGE	PITTSFIELD	NEW ROAD	BRIDGE REPLACEMENT	MassDOT		19	BR OFF	2,343,824	608523
BRIDGE	PITTSFIELD	LAKEWAY DRIVE	BRIDGE REPLACEMENT	MassDOT		19	BR OFF	1,629,249	603255
BRIDGE	SHEFFIELD	BERKSHIRE SCHOOL ROAD	BRIDGE REPLACEMENT	MassDOT		19	BR OFF	1,908,183	608263
BRIDGE	NEW MARLBOROUGH	UMPACHENE FALL ROAD	BRIDGE MAINTENANCE	MassDOT		19	BR OFF	790,763	608243
<b>Total for YR Y3</b>								<b>6,672,019</b>	
BRIDGE	WILLIAMSTOWN	ROUTE 2	DECK PRESERVATION	MassDOT		20	NHPP	444,000	608648
BRIDGE	NEW MARLBOROUGH	CAMPBELL FALL ROAD	BRIDGE REPLACEMENT	MassDOT		20	BR OFF	3,286,528	608645
BRIDGE	TYRINGHAM	MONTEREY ROAD	BRIDGE REPLACEMENT	MassDOT		20	BR OFF	1,727,040	608646
BRIDGE	NEW MARLBOROUGH	NORFOLK ROAD	BRIDGE REPLACEMENT	MassDOT		20	BR OFF	5,461,456	608642
<b>Total for YR Y4</b>								<b>10,919,024</b>	
BRIDGE	NORTH ADAMS	ROUTE 2	BRIDGE REPLACEMENT	MassDOT		21	NHPP	18,315,704	605843
BRIDGE	SAVOY	CENTER ROAD	BRIDGE REPLACEMENT	MassDOT		21	BR OFF	813,740	608647
BRIDGE	LENOX	ROARING BROOK ROAD	BRIDGE REPLACEMENT	MassDOT		21	BR OFF	1,122,880	608636
<b>Total for YR Y5</b>								<b>20,252,324</b>	
<b>Total for BRIDGE (14 projects )</b>							<b>\$</b>	<b>45,441,510</b>	

# BRPC: TIP Priorities by Mode -

# HIGHWAYS

MODE	LOCATION	FACILITY	TYPE OF WORK	LEAD	PRIORITY	YR	FUND	COST	ID#
HIGHWAYS	WILLIAMSTOWN	ROUTE 43, WATER ST	RECONSTRUCTION, WIDENING	TOWN	4	17	STP	2,700,000	605799
HIGHWAYS	DALTON	HOUSATONIC STREET	REHABILITATION, CAPACITY IMPROVEMENT SAFETY IMPR	TOWN	4	17	STP	340,591	602280D
HIGHWAYS	CLARKSBURG	ROUTE 8	RESURFACING AND RELATED WORK	MassDOT	2	17	STP	4,348,340	608167
HIGHWAYS	ADAMS	ASHUWILLTICOOK RAIL TRAIL	EXTENSION DESIGN	MassDOT		17	HPP	1,000,000	606890B
<b>Total for YR Y1</b>								<b>8,388,931</b>	
HIGHWAYS	PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	6	18	HSIP	355,964	606233B
HIGHWAYS	PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	6	18	STP	384,808	606233
HIGHWAYS	LENEX	WALKER STREET	RECONSTRUCTION & MINOR WIDENING	TOWN	4	18	CMAQ	889,911	606462A
HIGHWAYS	LENEX	WALKER STREET	RECONSTRUCTION & MINOR WIDENING	TOWN	4	18	STP	4,763,019	606462
HIGHWAYS	NORTH ADAMS	ROUTE 2 & PHELPS AVE	INTERSECTION IMPROVEMENTS	MassDOT	4	18	STP	1,280,000	607429
HIGHWAYS	PITTSFIELD	ROUTE 8/9 @ MERRILL ROAD	INTERSECTION IMPROVEMENTS	MassDOT	3	18	S-HSIP	1,497,600	607760
HIGHWAYS	NORTH ADAMS-WILLIAMS	MOHAWK BIKE/PEDESTRIAN T	CONSTRUCTION	BRPC		18	S-CMAQ	4,294,138	607254
HIGHWAYS	LEE	BIKEWAY (PHASE 1)	CONSTRUCTION	BRPC		18	S-CMAQ	3,619,200	607570
HIGHWAYS	LANESBOROUGH PITTSFI	ASHUWILLTICOOK RAIL TRAIL	EXTENSION	CITY		18	S-CMAQ	2,251,210	606891
<b>Total for YR Y2</b>								<b>19,335,850</b>	
HIGHWAYS	PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	6	19	STP	5,698,953	606233E
HIGHWAYS	PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	6	19	CMAQ	889,911	606233C
HIGHWAYS	PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	6	19	HSIP	355,964	606233D
HIGHWAYS	GREAT BARRINGTON	S MAIN ST & MAPLE AVE	INTERSECTION IMPROVEMENTS	MassDOT	3	19	S-HSIP	594,000	607756
HIGHWAYS	LENEX LEE STOCKBRIDG	ROUTE 7	RESURFACING AND RELATED WORK	MassDOT		19	NHPP	5,686,200	608465
<b>Total for YR Y3</b>								<b>13,225,028</b>	
HIGHWAYS	ADAMS	ROUTE 8	REHABILITATION	TOWN	3	20	STP	6,748,489	607328
HIGHWAYS	ADAMS	ROUTE 8	REHABILITATION	TOWN	3	20	CMAQ	889,911	607328A
HIGHWAYS	ADAMS NORTH ADAMS	ASHUWILLTICOOK RAIL TRAIL	EXTENSION CONSTRUCTION	MassDOT		20	HPP	640,000	606890A
HIGHWAYS	ADAMS NORTH ADAMS	ASHUWILLTICOOK RAIL TRAIL	EXTENSION CONSTRUCTION	MassDOT		20	S-CMAQ	4,949,402	606890
<b>Total for YR Y4</b>								<b>13,227,802</b>	
HIGHWAYS	HINSDALE	SKYLINE TRAIL	RECONSTRUCTION, REHABILITATION	MassDOT	2	21	STP	6,380,000	606406
HIGHWAYS	LANESBOROUGH PITTSFI	ROUTE 8	RESURFACING AND RELATED WORK	MassDOT		21	NHPP	5,568,000	608485
<b>Total for YR Y5</b>								<b>11,948,000</b>	

## BRPC: TIP Priorities by Mode - OTHER HIGHWAYS

MODE	LOCATION	FACILITY	TYPE OF WORK	LEAD	PRIORITY	YR	FUND	COST	ID#
HIGHWAYS	PITTSFIELD	EAST STREET	IMPROVEMENT/ WIDENING	MassDOT	5	?	UNDET	6,571,000	604003
HIGHWAYS	CHESHIRE/LANESBOROU	ROUTE 8	ADD PASSING LANE	MassDOT	3	?	UNDET	8,876,000	603636
HIGHWAYS	HANCOCK	ROUTE 20	REHABILITATION	MassDOT	2	?	UNDET	4,258,000	604994
HIGHWAYS	LEE	STOCKBRIDGE ROAD	REHABILITATION	TOWN	1	?	UNDET	3,500,000	601319
HIGHWAYS	WILLIAMSTOWN	ROUTE 43	RESURFACING & RELATED WORK	TOWN	1	?	UNDET	1,500,000	606162
HIGHWAYS	GREAT BARRINGTON	HOUSATONIC BIKE PATH	DESIGN & CONSTRUCTION	TOWN		?	UNDET	4,500,000	XXX16D
HIGHWAYS	LANESBOROUGH	SUMMER STREET	REHABILITATION	TOWN		?	UNDET	470,000	XXX14B
HIGHWAYS	PITTSFIELD	EAST STREET	RESURFACING, WIDENING, DRAINAGE IMPROVEMENTS	CITY		?	UNDET	750,000	XXX05J
HIGHWAYS	LEE	MAIN/ W.CENTER/ W.PARK ST	RECONSTRUCTION	TOWN		?	UNDET	5,000,000	XXX99A
HIGHWAYS	EGREMONT	MOUNT WASHINGTON RD	RHABILITATION, RECONSTRUCTION	TOWN		?	UNDET	8,000,000	XXX16I
HIGHWAYS	PITTSFIELD	EAST STREET	IMPROVEMENT/ WIDENING	CITY		?	UNDET	3,858,750	XXX13B
HIGHWAYS	NEW MARLBOROUGH	ROUTE 57	REHABILITATION, CAPACITY IMPROVEMENT	TOWN		?	UNDET	8,000,000	XXX08B
HIGHWAYS	PITTSFIELD	ROUTE 7/ NORTH ST & SOUTH	COMPLETE STREET IMPROVEMENTS	CITY		?	UNDET	14,150,000	XXX15A
HIGHWAYS	PITTSFIELD	HUBBARD AVE	REHABILITATION	TOWN		?	UNDET	500,000	XXX14A
HIGHWAYS	LENOX	HOLMES ROAD	REHABILITATION, PAVEMENT MARKINGS, SINAGE, CURBI	TOWN		?	UNDET	2,410,000	XXX98C
HIGHWAYS	WEST STOCKBRIDGE	ROUTE 41/102, MAIN ST	REHABILITATION, WIDENING	TOWN		?	UNDET	1,250,000	XXX07A
HIGHWAYS	PITTSFIELD	DAN FOX DR & TAMARACK RD	RECONSTRUCTION	CITY		?	UNDET	2,800,000	XXX13F
<b>Total for YR Y?</b>								<b>76,393,750</b>	
<b>Total for HIGHWAYS (41 projects )</b>								<b>\$ 142,519,361</b>	

## BRPC: TIP Priorities by Mode - TRANSIT

MODE	LOCATION	FACILITY	TYPE OF WORK	LEAD	PRIORITY	YR	FUND	COST	ID#
TRANSIT	BRTA	TRANSIT	PURCHASE REPLACEMENT BUSES (MATCH IN FY16)	BRTA		17	RTA-C	71,000	RTA17F
TRANSIT	BRTA	TRANSIT	PURCHASE REPLACEMENT VAN	BRTA		17	5307	239,200	RTA17A
TRANSIT	BRTA	TRANSIT	PREVENTIVE MAINTENANCE	BRTA		17	5307	150,000	RTA17D
TRANSIT	BRTA	TRANSIT	REHAB/RENOVATION SHOP EQUIPMENT	BRTA		17	5307	25,000	RTA17B
TRANSIT	BRTA	TRANSIT	BUY REPLACEMENT VAN	BRTA		17	5307	119,600	RTA17E
<b>Total for YR Y1</b>								<b>604,800</b>	
TRANSIT	BRTA	TRANSIT	BUY REPLACEMENT 30-FT BUS (2)	BRTA		18	5307	1,100,000	RTA18H
TRANSIT	BRTA	TRANSIT	REHAB/RENOVATION SHOP EQUIPMENT	BRTA		18	5307	25,000	RTA18F
TRANSIT	BRTA	TRANSIT	TRANSIT ENHANCEMENTS	BRTA		18	5307	50,000	RTA18B
TRANSIT	BRTA	TRANSIT	PREVENTIVE MAINTENANCE	BRTA		18	5307	150,000	RTA18D
TRANSIT	BRTA	TRANSIT	BUY REPLACEMENT VAN (5)	BRTA		18	5307	672,670	RTA18E
<b>Total for YR Y2</b>								<b>1,997,670</b>	
TRANSIT	BRTA	TRANSIT	BUY REPLACEMENT 30-FT BUS	BRTA		19	5307	672,670	RTA19F
TRANSIT	BRTA	TRANSIT	REHAB/RENOVATION BUS SUPPORT FACIL/EQUIP	BRTA		19	5307	1,150,000	RTA19E
TRANSIT	BRTA	TRANSIT	REHAB/RENOVATION SURVEILLANCE/ SECURITY	BRTA		19	5307	25,000	RTA19A
TRANSIT	BRTA	TRANSIT	REHAB/RENOVATION PASSENGER AMENITIES	BRTA		19	5307	50,000	RTA19C
TRANSIT	BRTA	TRANSIT	BUY 30-FT BUS FOR EXPANSION	BRTA		19	5307	416,250	RTA19D
TRANSIT	BRTA	TRANSIT	ACQUIRE - SUPPORT VEHICLES	BRTA		19	5307	110,000	RTA19H
TRANSIT	BRTA	TRANSIT	PREVENTIVE MAINTENANCE	BRTA		19	5307	150,000	RTA19B
<b>Total for YR Y3</b>								<b>2,573,920</b>	
TRANSIT	BRTA	TRANSIT	PREVENTIVE MAINTENANCE	BRTA		20	5307	150,000	RTA20C
TRANSIT	BRTA	TRANSIT	BUY REPLACEMENT VAN	BRTA		20	5307	262,500	RTA20B
TRANSIT	BRTA	TRANSIT	BUY REPLACEMENT VAN	BRTA		20	5307	291,000	RTA20A
<b>Total for YR Y4</b>								<b>703,500</b>	
TRANSIT	BRTA	TRANSIT	REHAB/RENOVATION ADMIN/MAINT FACILITY	BRTA		21	5307	50,000	RTA21B
TRANSIT	BRTA	TRANSIT	PREVENTIVE MAINTENANCE	BRTA		21	5307	150,000	RTA21A
<b>Total for YR Y5</b>								<b>200,000</b>	
TRANSIT	BRTA	TRANSIT	PURCHASE 7 30 FT BUSES EXPANSION FLEET 4 CNG, 3 HY	BRTA		?	UNDET	3,865,800	RTA16U
TRANSIT	BRTA	TRANSIT	NEW PARKING AREA NEW BUSES & ADA FLEET & PARATR	BRTA		?	UNDET	1,740,000	RTA15U
TRANSIT	BRTA	TRANSIT	SATELLITE FACILITY NORTH COUNTY	BRTA		?	UNDET	1,150,000	RTA17U
TRANSIT	BRTA	TRANSIT	PURCHASE 3 EXPANSION FR VANS 2 CNG, 1 HYBRID	BRTA		?	UNDET	416,250	RTA18V
TRANSIT	BRTA	TRANSIT	CONSTRUCTION UPGRADE FACILITY TO CNG	BRTA		?	UNDET	700,000	RTA16W
TRANSIT	BRTA	TRANSIT	PURCHASE 9 EXPANSION VANS 5 CNG, 4 HYBRID	BRTA		?	UNDET	1,234,200	RTA16V
TRANSIT	BRTA	TRANSIT	SATELLITE FACILITY SOUTH COUNTY	BRTA		?	UNDET	1,150,000	RTA18U
<b>Total for YR Y?</b>								<b>10,256,250</b>	
<b>Total for TRANSIT (29 projects )</b>							<b>\$</b>	<b>16,336,140</b>	

Attachment 2

PROJECTS BY LOCATION

NOTES ON TABLE:

LOCATION: City or Town for highway projects

## BRPC: TIP by LOCATION

LOCATION	FACILITY	TYPE OF WORK	LEAD	YR	PRIORITY	FUND	COST	PROJECT LIMITS/ BRIDGE OVER	ID#
ADAMS	ASHUWILLTICOOK RAIL TRAIL	EXTENSION DESIGN	MassDOT	17		HPP	1,000,000	LIME ST TO HODGES CROSS RD	606890B
ADAMS	ROUTE 8	REHABILITATION	TOWN	20	3	STP	6,748,489	SECTIONS FROM CHESHIRE TL TO NORTH ADAMS	607328
ADAMS	ROUTE 8	REHABILITATION	TOWN	20	3	CMAQ	889,911	SECTIONS FROM CHESHIRE TL TO NORTH ADAMS	607328A
ADAMS NORTH ADAMS	ASHUWILLTICOOK RAIL TRAIL	EXTENSION CONSTRUCTION	MassDOT	20		HPP	640,000	LIME ST TO HODGES CROSS RD	606890A
ADAMS NORTH ADAMS	ASHUWILLTICOOK RAIL TRAIL	EXTENSION CONSTRUCTION	MassDOT	20		S-CMAQ	4,949,402	LIME ST TO HODGES CROSS RD	606890
CHESHIRE/LANESBOROUGH	ROUTE 8	ADD PASSING LANE	MassDOT	?	3	UNDET	8,876,000	BERKSHIRE MALL NORTH ENTRANCE TO WEIGH S	603636
CLARKSBURG	ROUTE 8	RESURFACING AND RELATED WORK	MassDOT	17	2	STP	4,348,340	NORTH ADAMS T.L. TO THE VERMONT S.L.	608167
DALTON	HOUSATONIC STREET	REHABILITATION, CAPACITY IMPROVEMENT SAFETY IMPROV, BIKE/PED	TOWN	17	4	STP	340,591	RT 8 & 9 TO HINSDALE RD	602280D
EGREMONT	MOUNT WASHINGTON RD	RHABILITATION, RECONSTRUCTION	TOWN	?		UNDET	8,000,000	MT. WASHINGTON T.L. TO N. UNDERMOUNTAIN RD	XXX16I
GREAT BARRINGTON	S MAIN ST & MAPLE AVE	INTERSECTION IMPROVEMENTS	MassDOT	19	3	S-HSIP	594,000	US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MA	607756
GREAT BARRINGTON	HOUSATONIC BIKE PATH	DESIGN & CONSTRUCTION	TOWN	?		UNDET	4,500,000	HOUSATONIC RR/RIVER BIKE PATH CORRIDOR BE	XXX16D
HANCOCK	ROUTE 20	REHABILITATION	MassDOT	?	2	UNDET	4,258,000	FROM NY/MA LINE TO HANCOCK/ PITTSFIELD LINE	604994
HINSDALE	SKYLINE TRAIL	RECONSTRUCTION, REHABILITATION	MassDOT	21	2	STP	6,380,000	RT 8 IN HINSDALE TO PERU LINE	606406
LANESBOROUGH	SUMMER STREET	REHABILITATION	TOWN	?		UNDET	470,000	ROUTE 7 TO ROUTE 8	XXX14B
LANESBOROUGH PITTSFIELD	ASHUWILLTICOOK RAIL TRAIL	EXTENSION	CITY	18		S-CMAQ	2,251,210	FROM BERKSHIRE MALL DRIVE TO CRANE AVE	606891
LANESBOROUGH PITTSFIELD	ROUTE 8	RESURFACING AND RELATED WORK	MassDOT	21		NHPP	5,568,000		608485

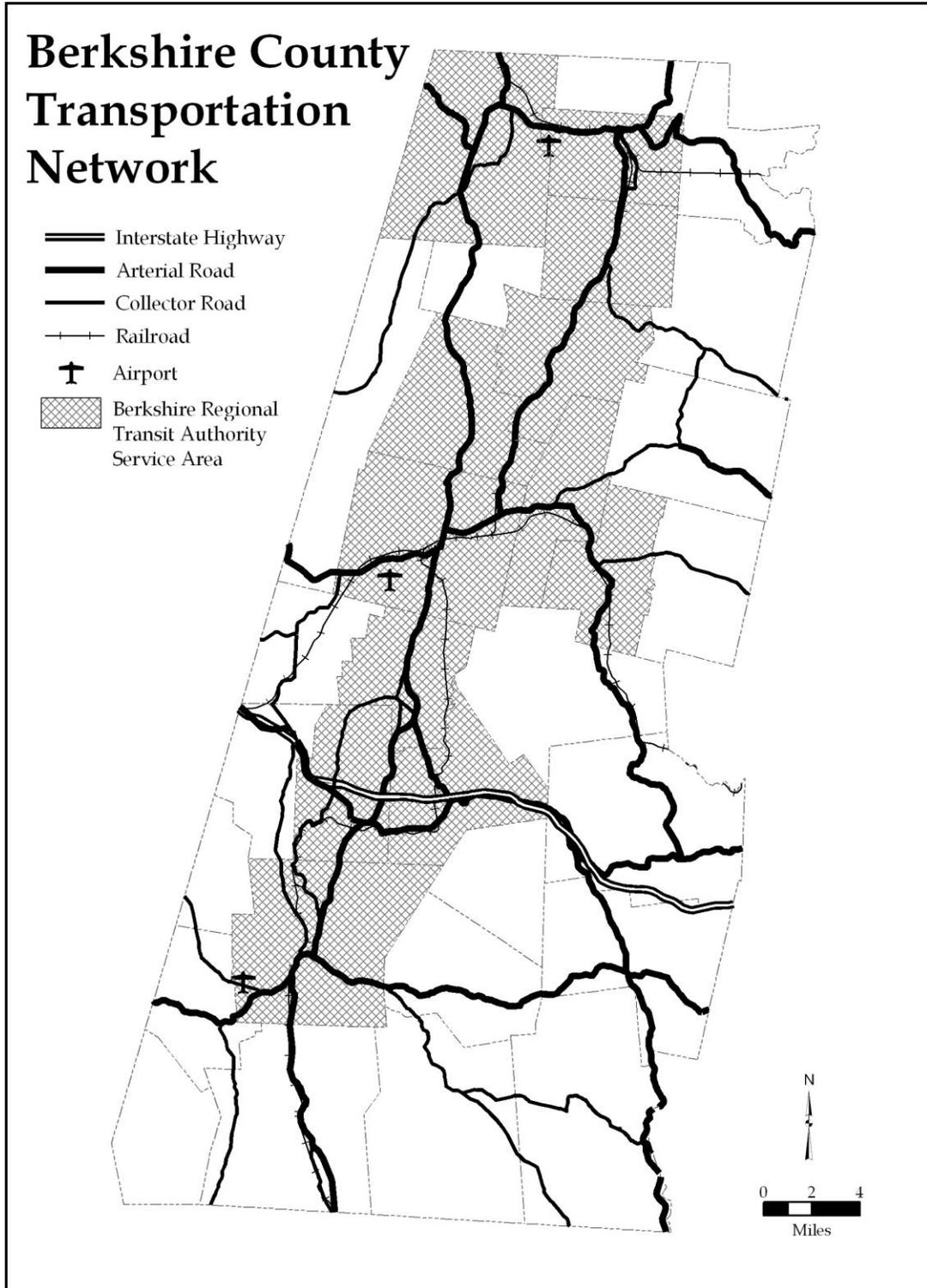
LOCATION	FACILITY	TYPE OF WORK	LEAD	YR	PRIORITY	FUND	COST	PROJECT LIMITS/ BRIDGE OVER	ID#
LEE	VALLEY ST	BRIDGE REPLACEMENT	MassDOT	17		BR OFF	1,500,612	OVER HOUSATONIC RIVER	607551
LEE	CHAPEL ST	BRIDGE REPLACEMENT	MassDOT	17		BR OFF	1,097,531	OVER GREENWATER BROOK	607550
LEE	BIKEWAY (PHASE 1)	CONSTRUCTION	BRPC	18		S-CMAQ	3,619,200		607570
LEE	MAIN/ W.CENTER/ W.PARK ST	RECONSTRUCTION	TOWN	?		UNDET	5,000,000	PARK TO BRIDGE ON W. CENTER ST ALONG MAIN	XXX99A
LEE	STOCKBRIDGE ROAD	REHABILITATION	TOWN	?	1	UNDET	3,500,000	STOCKBRIDGE TL TO WEST PARK STREET	601319
LENOX	WALKER STREET	RECONSTRUCTION & MINOR WIDENING	TOWN	18	4	CMAQ	889,911	RT 7/20 TO CRYSTAL STREET	606462A
LENOX	WALKER STREET	RECONSTRUCTION & MINOR WIDENING	TOWN	18	4	STP	4,763,019	RT 7/20 TO CRYSTAL STREET	606462
LENOX	ROARING BROOK ROAD	BRIDGE REPLACEMENT	MassDOT	21		BR OFF	1,122,880	OVER ROARING BROOK	608636
LENOX	HOLMES ROAD	REHABILITATION, PAVEMENT MARKINGS, SINAGE, CURBING	TOWN	?		UNDET	2,410,000	RT 7/20 TO PITTSFIELD TL	XXX98C
LENOX LEE STOCKBRIDGE	ROUTE 7	RESURFACING AND RELATED WORK	MassDOT	19		NHPP	5,686,200		608465
NEW MARLBOROUGH	UMPACHENE FALL ROAD	BRIDGE MAINTENANCE	MassDOT	19		BR OFF	790,763	OVER KONKAPOT RIVER	608243
NEW MARLBOROUGH	CAMPBELL FALL ROAD	BRIDGE REPLACEMENT	MassDOT	20		BR OFF	3,286,528	OVER WHITING RIVER	608645
NEW MARLBOROUGH	NORFOLK ROAD	BRIDGE REPLACEMENT	MassDOT	20		BR OFF	5,461,456	OVER UMPACHENE BROOK	608642
NEW MARLBOROUGH	ROUTE 57	REHABILITATION, CAPACITY IMPROVEMENT	TOWN	?		UNDET	8,000,000	FROM SAN/ NMB TL TO ROUTE 183	XXX08B
NORTH ADAMS	ROUTE 2 & PHELPS AVE	INTERSECTION IMPROVEMENTS	MassDOT	18	4	STP	1,280,000		607429
NORTH ADAMS	ROUTE 2	BRIDGE REPLACEMENT	MassDOT	21		NHPP	18,315,704	OVER THE HOOSIC RIVER	605843
NORTH ADAMS-WILLIAMS	MOHAWK BIKE/PEDESTRIAN TRAIL	CONSTRUCTION	BRPC	18		S-CMAQ	4,294,138		607254
PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	18	6	STP	384,808		606233
PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	18	6	HSIP	355,964		606233B
PITTSFIELD	ROUTE 8/9 @ MERRILL ROAD	INTERSECTION IMPROVEMENTS	MassDOT	18	3	S-HSIP	1,497,600	DALTON AVE@ MERRILL RD, DALTON AVE @ CRAN	607760
PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	19	6	HSIP	355,964		606233D
PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	19	6	STP	5,698,953		606233E
PITTSFIELD	BMC AREA	TRAFFIC CIRCULATION IMPROVEMENTS	CITY	19	6	CMAQ	889,911		606233C

LOCATION	FACILITY	TYPE OF WORK	LEAD	YR	PRIORITY	FUND	COST	PROJECT LIMITS/ BRIDGE OVER	ID#
PITTSFIELD	LAKEWAY DRIVE	BRIDGE REPLACEMENT	MassDOT	19		BR OFF	1,629,249	OVER ONOTA LAKE	603255
PITTSFIELD	NEW ROAD	BRIDGE REPLACEMENT	MassDOT	19		BR OFF	2,343,824	OVER W BRANCH OF HOUSATONIC RIVER	608523
PITTSFIELD	HUBBARD AVE	REHABILITATION	TOWN	?		UNDET	500,000	EAST ST TO DALTON AVE	XXX14A
PITTSFIELD	DAN FOX DR & TAMARACK RD	RECONSTRUCTION	CITY	?		UNDET	2,800,000	ROUTE 7 TO BARKER ROAD	XXX13F
PITTSFIELD	EAST STREET	IMPROVEMENT/ WIDENING	CITY	?		UNDET	3,858,750	ELM ST TO SILVERLAKE BLVD	XXX13B
PITTSFIELD	EAST STREET	RESURFACING, WIDENING, DRAINAGE IMPROVEMENTS	CITY	?		UNDET	750,000	JUNCTION RD TO DALTON DIVISION/HUBBA RD	XXX05J
PITTSFIELD	EAST STREET	IMPROVEMENT/ WIDENING	MassDOT	?	5	UNDET	6,571,000	LYMAN ST TO MERRILL RD	604003
PITTSFIELD	ROUTE 7/ NORTH ST & SOUTH ST	COMPLETE STREET IMPROVEMENTS	CITY	?		UNDET	14,150,000		XXX15A
<hr/>									
SAVOY	CENTER ROAD	BRIDGE REPLACEMENT	MassDOT	21		BR OFF	813,740	OVER CENTER BROOK	608647
<hr/>									
SHEFFIELD	ROUTE 7A (ASHLEY FALLS RD)	BRIDGE REPLACEMENT	MassDOT	18		BR OFF	5,000,000	OVER HOUSATONIC RIVER	608125
SHEFFIELD	BERKSHIRE SCHOOL ROAD	BRIDGE REPLACEMENT	MassDOT	19		BR OFF	1,908,183	OVER SCHENOB BROOK	608263
<hr/>									
TYRINGHAM	MONTEREY ROAD	BRIDGE REPLACEMENT	MassDOT	20		BR OFF	1,727,040	OVER HOP BROOK	608646
<hr/>									
WEST STOCKBRIDGE	ROUTE 41/102, MAIN ST	REHABILITATION, WIDENING	TOWN	?		UNDET	1,250,000	RT 41/102 INTERSECTION AT GTB NORTHERLY TO I	XXX07A
<hr/>									
WILLIAMSTOWN	ROUTE 43, WATER ST	RECONSTRUCTION, WIDENING	TOWN	17	4	STP	2,700,000	APPROX 830' SOUTH OF MEACHAM ST TO HEATIN	605799
WILLIAMSTOWN	ROUTE 2	DECK PRESERVATION	MassDOT	20		NHPP	444,000	OVER THE GREEN RIVER	608648
WILLIAMSTOWN	ROUTE 43	RESURFACING & RELATED WORK	TOWN	?	1	UNDET	1,500,000	MM 7.9 TO MM 10.9 HANCOCK TL TO ROUTE 7	606162

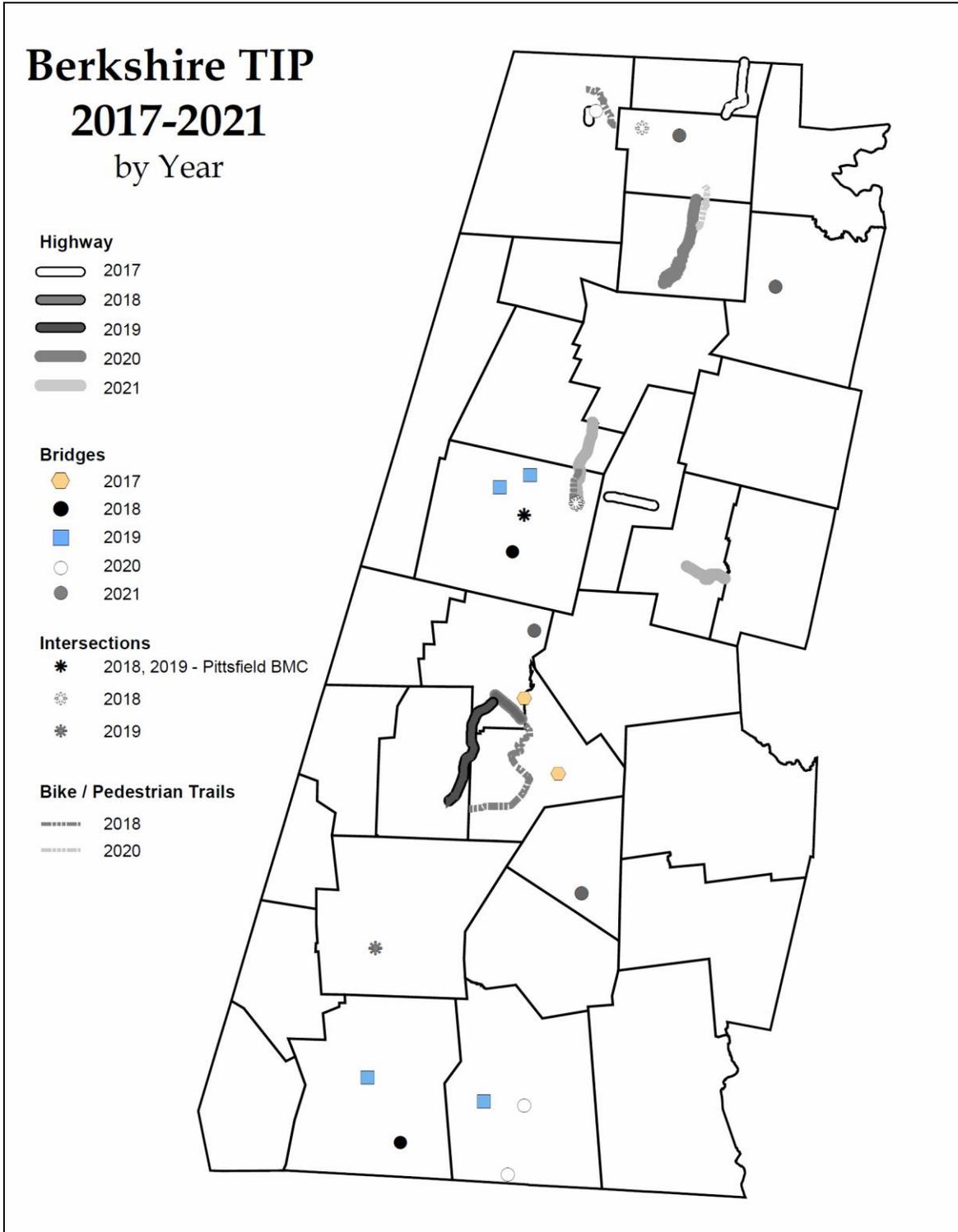
**Total Projects = 55**

**Grand Total Cost = \$ 187,960,871**

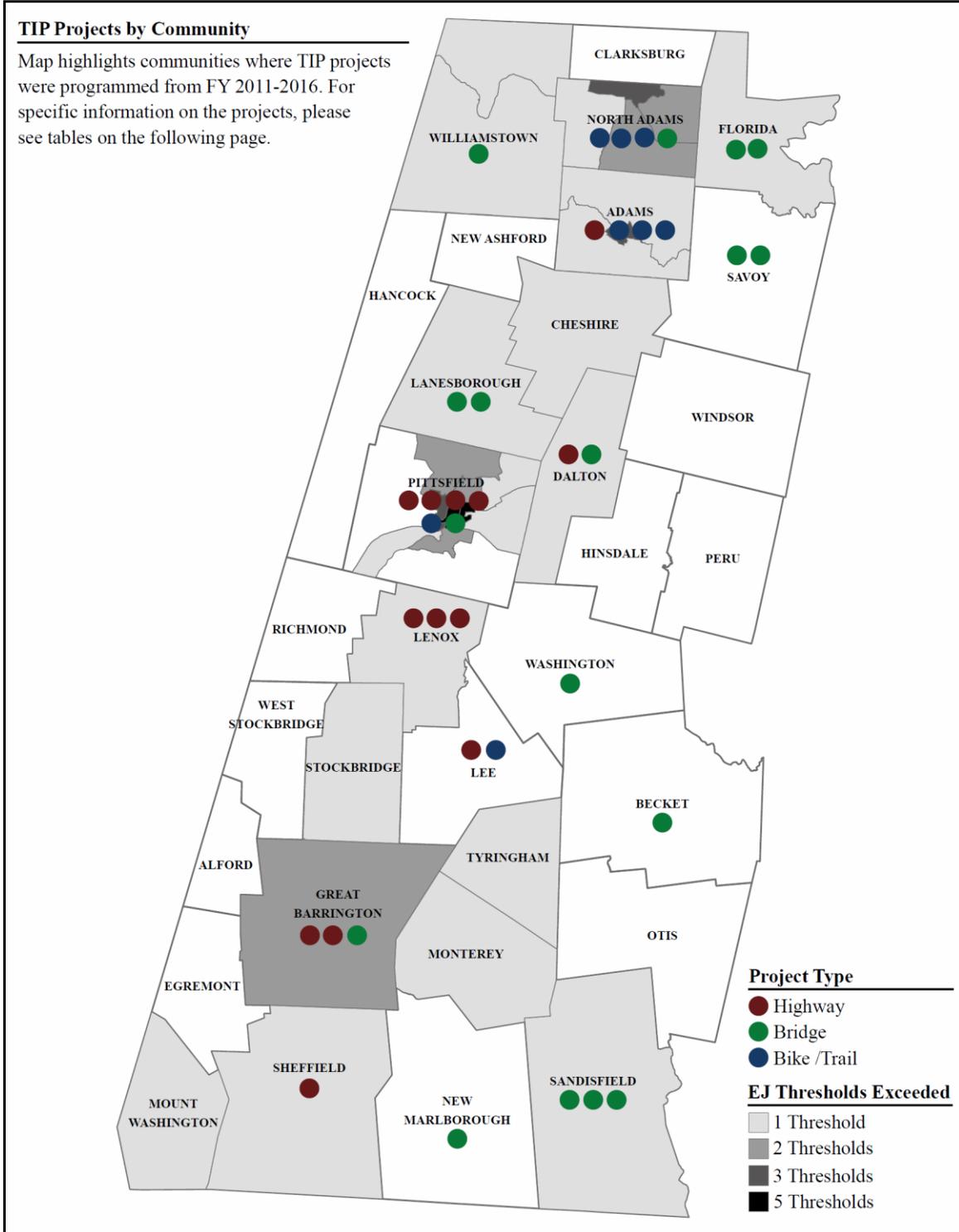
Attachment 3  
BERKSHIRE COUNTY TRANSPORTATION NETWORK MAP



Attachment 4  
2017-2021 TIP PROJECTS MAP



## Attachment 5 BERKSHIRE MPO PAST (FFY 2011 – 2016) TIP PROJECTS MAP



### Highway Projects (FFY 2011 – 2016)

Project ID	Community	Project Description	FFY
602937	Lenox	Route 183/ West St Rehabilitation, Repavement, Drainage Improvements; Main St to Stockbridge TL.	2011
601078	Pittsfield	Route 7/20, South St Rehabilitation; Berkshire Life to West Housatonic St	2011 & 2012
605793	Pittsfield	North St & Lower Wahconah St Intersection Safety Improvements	2011
602182	Great Barrington	Reconstruction of Main Street (Route 7)	2013
601320	Lee	Reconstruction of Tyringham Rd	2013, 2014 & 2015
604553	Adams	Roundabout Construction at Route 8 & Friend St	2014
607745	Lenox	Intersection & Signal Improvements at US 7 & US 20 (Veteran's Memorial Highway) @ SR 183 (Walker St)	2015
602280	Dalton	Housatonic Street, Reconstruction; Route 8 & 9 to Route 8	2015, 2016 & 2017
605887	Sheffield – Great Barrington	Route 7, Resurfacing and related work	2015
606544	Lenox - Pittsfield	Route 7, Resurfacing and related work	2015
607900	Pittsfield	Traffic Signal and Intersection Improvements at Center St and West Housatonic St	2016

### Bridge Projects (FFY 2011 – 2016)

Project ID	Community	Project Description	FFY
605233	Florida - Savoy	Route 2 over the Cold River; Bridge Preservation	2011
606029	Lanesborough	Miner Rd over Town Brook; Bridge Replacement	2011
605440	Becket	Us Route 20 over Cushman Brook & Walker Brook; Bridge Replacement	2011
601806	North Adams	Route 8, Hadley Overpass; Bridge Reconstruction	2011 & 2012
607112	Sandisfield	Clark Rd over the Farmington River; Bridge Replacement	2013
607241	Sandisfield	Route 8 (South Main St) over Silvernail Brook; Bridge Maintenance	2013
605935	Williamstown	Hooper Rd over Green River; Bridge Replacement	2014
606706	Pittsfield	Woodlawn Ave over CSX Railroad; Bridge Replacement	2014
607469	Sandisfield	Route 8 (South Main St) over W. Branch of Farmington River; Bridge Maintenance	2014
607510	Sandisfield	Route 8 (South Main St) over W. Branch of Farmington River Phase – II; Bridge Maintenance	2015
605299	Great Barrington	SR 183 (Park St) over Housatonic River	2015 & 2016
607121	Savoy	River Rd over the Westfield River; Bridge Replacement	2015
607511	Dalton	Route 8 (Main St) over E. Branch of Housatonic River	2016
605314	New Marlborough	Hadsell St over Umpachene River; Superstructure Replacement	2016
607116	Florida	South County Rd over the Cold River; Bridge Replacement	2016
603778	Lanesborough	Narragansett Ave over Pontoosuc Lake	2016
605350	Washington	Summit Hill Rd over CSX R.R; Superstructure Replacement	2016

**Bike/ Pedestrian Trail Projects (FFY 2011 – 2016)**

<b>Project ID</b>	<b>Community</b>	<b>Project Description</b>	<b>FFY</b>
604552	North Adams	Mohawk Trail, Scenic Byway Historic Preservation	2012
607254	North Adams	Mohawk Bike/Pedestrian Trail Phase - II	2013
606908	Pittsfield	Safe Routes to School (Conte School)	2013
605041	Adams	Ashuwillticook Rail Trail Extension	2014
607570	Lee	Lee – Bikeway (Planning & Design)	2014
605930	Adams	Mount Greylock Scenic Byways Summit Improvements	2014 & 2015
606890	Adams – North Adams	Ashuwillticook Rail Trail Extension to Route 8A (Hodges Cross Rd) – Design	2016

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Attachment 6

GREENHOUSE GAS MONITORING AND EVALUATION

# 2017-2021 Transportation Improvement Program Greenhouse Gas Monitoring and Evaluation

## Introduction

This section summarizes the greenhouse gas (GHG) impacts that are anticipated to result from the projects that are included in this FFY 2017 – 2021 Transportation Improvement Program (TIP). It includes a summary of the state laws and policies that call for reducing greenhouse gas in order to mitigate global climate change, actions that are being to respond to these state laws and policies, the role of regional planning and TIP development in reducing GHG emission and tracking these reductions, and the projected GHG emission impacts from the projects programmed in the TIP.

## State Policy Context

The Global Warming Solutions Act (GWSA), which was signed into law in August 2008, makes Massachusetts a leader in setting aggressive and enforceable GHG reduction targets, and implementing policies and initiatives to achieve these targets. In keeping with the law, on December 29, 2010 the Massachusetts Executive Office of Energy and Environmental Affairs (EOEEA), in consultation with other state agencies and the public, released the Massachusetts *Clean Energy and Climate Plan for 2020*. In December 2014 the Department of Environmental Protection issued new regulations that require Metropolitan Planning Organizations to quantify impacts from project investments, track progress towards reductions, and consider impacts in the prioritization of GHG impacts from project investments. The targets for overall statewide GHG emissions are:



## GreenDOT Policy

The transportation sector is the single largest emitter of greenhouse gases, accounting for over a third of GHG emissions, and therefore the transportation sector is a key focus of the *Clean Energy and Climate Plan*. MassDOT’s approach to supporting the implementation of the plan is set forth in its GreenDOT Policy Directive, a comprehensive sustainability initiative that sets three principal objectives:



**Reduce greenhouse gas (GHG) emissions.** MassDOT will achieve this by taking GHG emissions into account in all of its responsibilities, from strategic planning to project design and construction and system operations.



**Promote the healthy transportation modes of walking, bicycling, and public transit.** MassDOT will achieve this by pursuing multi-modal, “complete streets” design standards; providing choice in transportation services; and by working with MPOs and other partners to prioritize and program a balance of projects that serve drivers, pedestrians, bicyclists, and public transit riders.



**To support smart growth development.** MassDOT will achieve this by working with MPOs and other partners to make transportation investments that enable denser, smart growth development patterns that support reduced GHG emissions.

### **GreenDOT Policy and Metropolitan Planning Organizations**

The Commonwealth’s thirteen metropolitan planning organizations (MPOs) are integrally involved in helping to achieve the GreenDOT goals and supporting the GHG reductions mandated under the GWSA. The MPOs are most directly involved in helping to achieve the GHG emissions reductions under the second goal – to promote healthy transportation modes through prioritizing and programming an appropriate balance of roadway, transit, bicycle and pedestrian investments – and assist in the third goal by supporting smart growth development patterns through the creation of a balanced multi-modal transportation system. This will be realized through the transportation goals and policies espoused in the 2016 Regional Transportation Plans (RTPs), the major projects planned in the RTPs, and the mix of new transportation projects that are programmed and implemented through the TIPs. The GHG tracking and evaluation processes enable the MPOs to identify the anticipated GHG impacts of the planned and programmed projects, and also to use GHG impacts as a criterion in prioritizing transportation projects.

### **Regional GHG Tracking and Evaluation in RTPs**

MassDOT coordinated with MPOs and regional planning agency (RPA) staffs on the implementation of GHG tracking and evaluation in development of each MPO’s 2035 RTPs, which were adopted in September 2011. This collaboration has continued for the MPO’s 2040 RTPs and 2017-21 TIPs.

Working together, MassDOT and the MPOs have attained the following milestones:

- Modeling and long-range statewide projections for GHG emissions resulting from the transportation sector. Using the Boston MPO’s regional model and the statewide travel demand model for the remainder of the state, GHG emissions were projected for 2020 no-build and build conditions, and for 2040 no-build and build conditions.
- All of the MPOs included these GHG emission projections in their RTPs, along with a discussion of climate change and a statement of MPO support for reducing GHG emissions as a regional goal.

### **Project-Level GHG Tracking and Evaluation in the Transportation Improvement Program**

It is also important to monitor and evaluate the GHG impacts of the transportation projects that are programmed in the MPO Transportation Improvement Programs (TIP). The TIP includes both the larger, regionally-significant projects from the RTPs, which have already had their aggregate GHG impacts calculated and reported in the RTP, as well as smaller projects that are not included in the RTP but that

may nevertheless have impacts on GHG emissions. The principal objective of this tracking is to enable the MPOs to evaluate expected GHG impacts of different projects and to use this information as a criterion for prioritizing and programming projects in future TIPs.

In order to monitor and evaluate the GHG impacts of TIP projects, MassDOT and the MPOs have developed the following approach for identifying anticipated GHG impacts and quantifying GHG impacts of projects, when appropriate, through the TIP. Different types of projects will have different anticipated GHG emissions impacts. The different project categories are outlined on the next two pages with this region's project tracking sheet on the third page.

### **Calculation of GHG Impacts for TIP Projects**

The Office of Transportation Planning at MassDOT provided the spreadsheets that are used for determining Congestion Management and Air Quality Improvement (CMAQ) eligibility. These spreadsheets require the same inputs as the CMAQ calculations, and have been adapted to provide CO<sub>2</sub> impacts. The data and analysis required for these calculations is available from functional design reports that should be submitted for projects that would produce a measurable GHG impact.

Projects with  
Quantified  
Impacts

**RTP Projects** - Major capacity expansion projects would be expected to have a significant impact on GHG emissions. However, these projects are included in the RTPs and analyzed using the statewide model or Boston regional model, which would reflect their GHG impacts. Therefore, no independent TIP calculations are required.

**Quantified Decrease in Emissions** - Projects that would be expected to produce a measurable decrease in emissions. The approach for calculating these impacts is described below. These projects should be categorized in the following manner:

- **Quantified Decrease in Emissions from Traffic Operational Improvement** - An intersection reconstruction or signalization project that is projected to reduce delay and congestion.
- **Quantified Decrease in Emissions from Pedestrian and Bicycle Infrastructure** - A shared-use path that would enable increased walking and biking and decreased vehicle-miles traveled (VMT).
- **Quantified Decrease in Emissions from New/Additional Transit Service** - A bus or shuttle service that would enable increased transit ridership and decreased VMT
- **Quantified Decrease in Emissions from a Park and Ride Lot** A park-and-ride lot that would enable increased transit ridership/ increased ridesharing and decreased VMT
- **Quantified Decrease in Emissions from Bus Replacement**  
A bus replacement that would directly reduce GHG emissions generated by that bus service.
- **Quantified Decrease in Emissions from Complete Streets Improvements**  
Improvements to roadway networks that include the addition of bicycle and pedestrian accommodations where none were present before.
- **Quantified Decrease in Emissions from Other Improvement**

**Quantified Increase in Emissions** – Projects that would be expected to produce a measurable increase in emissions.

Projects with  
Assumed  
Impacts

**No Assumed Impact/Negligible Impact on Emission** - Projects that do not change the capacity or use of a facility (e.g. a resurfacing project that restores a roadway to its previous condition, or a bridge rehabilitation/replacement that restores the bridge to its previous condition) would be assumed to have no GHG impact.

**Assumed Nominal Decrease in Emissions** - Projects that would be expected to produce a minor decrease in emissions that cannot be calculated with any precision. Examples of such projects include roadway repaving or reconstruction projects that add a new sidewalk or new bike lanes. Such a project would enable increased travel by walking or bicycling, but there may be not data or analysis to support any projections of GHG impacts. These projects should be categorized in the following manner:

- **Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure**
- **Assumed Nominal Decrease in Emissions from Bicycle Infrastructure**
- **Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure**
- **Assumed Nominal Decrease in Emissions from Intelligent Transportation Systems (ITS) and/or Traffic Operational Improvements**
- **Assumed Nominal Decrease in Emissions from Other Improvements**

**Assumed Nominal Increase in Emissions** - Projects that would be expected to produce a minor increase in emissions that cannot be calculated with any precision.

## Regional Greenhouse Gas Impact Summary Tables for FFY 2017 – 2021 TIP

The following tables summarize the calculated quantitative and assumed qualitative impacts of the projects included in the regional FFY 2017 – 2021 TIP.

### 2017 Berkshire Region Highway Project GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
602280	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	\$ 340,591	Quantified	5,032	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	AC - Year 3 of 3; STP + CMAQ + Statewide CMAQ; Total Cost = 11,181,141
605799	WILLIAMSTOWN- RECONSTRUCTION & RELATED WORK ON ROUTE 43 (WATER STREET)	\$ 2,700,000	Qualitative		Qualitative Decrease in Emissions	
608167	CLARKSBURG- RESURFACING AND RELATED WORK ON ROUTE 8, FROM THE NORTH ADAMS T.L. TO THE VERMONT	\$ 4,348,340	Qualitative		Qualitative Decrease in Emissions	
607512	NORTH ADAMS- BRIDGE MAINTENANCE, N-14-019, ROUTE 8A (HODGES CROSS ROAD) OVER SOUTH BRANCH HOOSIC RIVER	\$ 276,780	Qualitative		No assumed impact/negligible impact on emissions	
607550	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK	\$ 1,097,531	Qualitative		No assumed impact/negligible impact on emissions	
607551	LEE- LENOX- BRIDGE REPLACEMENT, L-05-020=L-07-003, VALLEY STREET OVER HOUSATONIC RIVER	\$ 1,500,612	Qualitative		No assumed impact/negligible impact on emissions	

## 2018 Berkshire Region Highway Project GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	\$ 355,964	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
606462	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	\$ 889,911	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
607429	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	\$ 1,280,000	Qualitative		Qualitative Decrease in Emissions	
606462	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	\$ 4,762,418	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	\$ 385,409	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
608125	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	\$ 5,000,000	Qualitative		No assumed impact/negligible impact on emissions	
607254	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	\$ 4,294,138	Qualitative		N/A	Not yet enough information to generate an estimate
607570	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	\$ 3,619,200	Qualitative		N/A	Not yet enough information to generate an estimate
606891	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	\$ 2,251,210	Qualitative		N/A	Not yet enough information to generate an estimate
607760	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 3 LOCATIONS: SR 8 & SR 9 (DALTON AVENUE) @ MERRILL CHESHIRE ROAD, DALTON AVENUE @ CRANE AVENUE CONNECTOR & SR 9 (MERRILL ROAD) @ CRANE AVENUE CONNECTOR	\$ 1,497,600	Qualitative		Qualitative Decrease in Emissions	

## 2019 Berkshire Region Highway Project GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	\$ 355,964	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	\$ 889,911	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	\$ 5,698,352	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
603255	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	\$ 1,629,249	Qualitative		No assumed impact/negligible impact on emissions	
608243	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-010, UMPACHENE FALLS OVER KONKAPOT RIVER	\$ 790,763	Qualitative		No assumed impact/negligible impact on emissions	
608263	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	\$ 1,908,183	Qualitative		No assumed impact/negligible impact on emissions	
608523	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER W BRANCH HOUSATONIC RIVER	\$ 2,343,824	Qualitative		No assumed impact/negligible impact on emissions	
607756	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	\$ 594,000	Qualitative		Qualitative Decrease in Emissions	
608465	LENOX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	\$ 5,686,200	Qualitative		Qualitative Decrease in Emissions	

### 2020 Berkshire Region Highway Project GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
607328	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	\$ 889,911	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
603728	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	\$ 30,410	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
607328	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	\$ 6,718,079	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate
608648	WILLIAMSTOWN - DECK PRESERVATION, BRIDGE NO. W-37-015, ROTUE 2 OVER THE GREEN RIVER	\$ 444,000	Qualitative		No assumed impact/negligible impact on emissions	
608642	NEW MARLBOROUGH - BRIDGE REPLACEMENT, N-08-001, NORFOLK ROAD OVER UMPACHENE BROOK	\$ 5,461,456	Qualitative		No assumed impact/negligible impact on emissions	
608645	NEW MARLBOROUGH - BRIDGE REPLACEMENT, N-08-006, CAMPBELL FALL ROAD OVER WHITING RIVER	\$ 3,286,528	Qualitative		No assumed impact/negligible impact on emissions	
608646	TYRINGHAM - BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK	\$ 1,727,040	Qualitative		No assumed impact/negligible impact on emissions	
606890	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	\$ 4,949,402	Qualitative		Qualitative Decrease in Emissions	Not yet enough information to generate an estimate

### 2021 Berkshire Region Highway Project GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
606406	HINSDALE, PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	\$ 6,380,000	Qualitative		Qualitative Decrease in Emissions	
605843	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER THE HOOSIC RIVER	\$ 18,315,704	Qualitative		No assumed impact/negligible impact on emissions	
608636	LENOX - BRIDGE REPLACEMENT, L-07-006, ROARING BROOK ROAD OVER	\$ 1,122,880	Qualitative		No assumed impact/negligible impact on emissions	
608647	SAVOY - BRIDGE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER	\$ 813,740	Qualitative		No assumed impact/negligible impact on emissions	
608485	LANESBOROUGH- PITTSFIELD- RESURFACING AND RELATED WORK ON ROUTE 8	\$ 5,568,000	Qualitative		Qualitative Decrease in Emissions	

### 2017 Berkshire Region Transit Project GHG Tracking

2017 Berkshire Region MPO Transportation Improvement Program								
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004346	PREVENTIVE MAINTENANCE	\$ 150,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 150,000		
RTD0004347	REHAB/RENOVATION: SHOP EQUIPMENT	\$ 25,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 25,000		
RTD0004359	BUY REPLACEMENT VAN (1)	\$ 1,196,000	Qualitative		Qualitative Decrease in Emissions	\$ 119,600	Not yet enough information to generate an estimate	
RTD0005121	BUY REPLACEMENT VAN PURCHASE -	\$ 239,200	Qualitative		Qualitative Decrease in Emissions	\$ 239,200	Not yet enough information to generate an estimate	
RTD0004344	REPLACEMENT: BUSES (1) (MATCH IN FY16)	\$ 71,000	Qualitative		Qualitative Decrease in Emissions	\$ 71,000	Not yet enough information to generate an estimate	

### 2018 Berkshire Region Transit Project GHG Tracking

2018 Berkshire Region MPO Transportation Improvement Program								
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004349	MAINTENANCE	\$ 150,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 150,000		
RTD0004350	TRANSIT ENHANCEMENTS	\$ 50,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 50,000		
RTD0004351	REHAB/RENOVATION: SHOP EQUIPMENT	\$ 25,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 25,000		
RTD0004360	BUY REPLACEMENT VAN (5)	\$ 672,670	Qualitative		Qualitative Decrease in Emissions	\$ 672,670	Not yet enough information to generate an estimate	
RTD0004361	BUY REPLACEMENT 30-FT BUS (2)	\$ 1,100,000	Qualitative		Qualitative Decrease in Emissions	\$ 1,100,000	Not yet enough information to generate an estimate	

### 2019 Berkshire Region Transit Project GHG Tracking

2019 Berkshire Region MPO Transportation Improvement Program								
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004353	MAINTENANCE	\$ 150,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 150,000		
RTD0004354	REHAB/RENOVATE - BUS SURVEILL/SECURITY	\$ 25,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 25,000		
RTD0004355	REHAB/RENOV - PASSENGER AMENITIES	\$ 50,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 50,000		
RTD0004357	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP	\$ 1,150,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 1,150,000		
RTD0004358	BUY REPLACEMENT 30-FT BUS	\$ 672,670	Qualitative		Qualitative Decrease in Emissions	\$ 672,670	Not yet enough information to generate an estimate	
RTD0004364	ACQUIRE - SUPPORT VEHICLES	\$ 110,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 110,000		

### 2020 Berkshire Region Transit Project GHG Tracking

2020 Berkshire Region MPO Transportation Improvement Program								
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004365	BUY REPLACEMENT VAN	\$ 291,000	Qualitative		Qualitative Decrease in Emissions	\$ 291,000	Not yet enough information to generate an estimate	
RTD0004366	BUY REPLACEMENT VAN	\$ 262,500	Qualitative		Qualitative Decrease in Emissions	\$ 262,500	Not yet enough information to generate an estimate	
RTD0004367	PREVENTIVE MAINTENANCE	\$ 150,000	Qualitative		No assumed impact/negligible impact on emissions	\$ 150,000		

### 2021 Berkshire Region Transit Project GHG Tracking

2021 Berkshire Region MPO Transportation Improvement Program								
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO <sub>2</sub> Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0005195	PREVENTIVE MAINTENANCE	\$ 150,000	Qualitative		No assumed impact/negligible impact on emission	\$ 150,000		
RTD0005196	REHAB/RENOVATE - ADMIN/MAINT FACILITY	\$ 50,000	Qualitative		No assumed impact/negligible impact on emission	\$ 50,000		

**310 CMR 60.05: Global Warming Solutions Act Requirements for the Transportation Sector and the Massachusetts Department of Transportation**

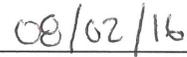
*Self-Certification Compliance Statement for Metropolitan Planning Organizations*

This will certify that the FFY 2017 – 2021 TIP for Berkshire MPO is in compliance with all applicable requirements in the State Regulation 310 CMR 60.05: Global Warming Solutions Act Requirements for the Transportation Sector and the Massachusetts Department of Transportation. The regulation requires the Metropolitan Planning Organizations (MPOs) to:

1. 310 CMR 60.05, 3(b)(1)(a): Evaluate and track the GHG emissions and impacts of RTPs and TIPs;
2. 310 CMR 60.05, 3(b)(1)(b): In consultation with MassDOT, develop and utilize procedures to prioritize and select projects in RTPs, TIPs, and STIPs based on factors that include GHG emissions and impacts;
3. 310 CMR 60.05, 3(b)(1)(c): Quantify net GHG emissions and impacts resulting from the projects in RTPs and TIPs and have made efforts to minimize GHG emissions and impacts;
4. 310 CMR 60.05, 3(b)(1)(d): Determine in consultation with the RPA that the appropriate planning assumptions used for GHG emissions modeling are consistent with local land use policies, or that local authorities have made documented and credible commitments to establishing such consistency;
5. 310 CMR 60.05, 4(a)(2)(a): Develop RTPs and TIPs;
6. 310 CMR 60.05, 4(a)(2)(b): Ensure that RPAs are using appropriate planning assumptions;
7. 310 CMR 60.05, 4(a)(2)(c): Perform regional GHG emissions analysis of RTPs and TIPs;
8. 310 CMR 60.05, 4(a)(2)(d): Calculate GHG emissions for RTPs and TIPs;
9. 310 CMR 60.05, 4(a)(2)(e): Develop public consultation procedures for GHG reporting and related GWSA requirements consistent with current and approved regional public participation plans;
10. 310 CMR 60.05, 4(c): Prior to making final endorsements on the RTPs, TIPs, STIPs, and projects included in these plans, MassDOT and the MPOs shall include the GHG Assessment and information on related GWSA activities in RTPs, TIPs, and STIPs and provide an opportunity for public review and comment on the RTPs, TIPs, and STIPs.
11. 310 CMR 60.05, 6(a): After a final GHG assessment has been made by MassDOT and the MPOs, MassDOT and the MPOs shall submit MPO-endorsed RTPs, TIPs or projects within 30 days of endorsement to the Department for review of the GHG assessment.

The Berkshire Metropolitan Planning Organization authorizes the Chairman to endorse the document on their behalf.

  
\_\_\_\_\_  
Stephanie Pollack  
MassDOT Secretary and CEO  
Berkshire MPO Chairman

  
\_\_\_\_\_  
Date

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Attachment 7

FHWA & FTA TITLE VI CERTIFICATIONS & ASSURANCES

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## TITLE VI/NONDISCRIMINATION AGREEMENT AND RECIPIENT ASSURANCES

The **State of Massachusetts**, acting through its **Department of Transportation** (hereinafter referred to as the “Recipient”), **HEREBY AGREES THAT**, as a condition to receiving any Federal financial assistance from the United States Department of Transportation (USDOT), Federal Highway Administration, it is subject to and must comply with the following:

### Statutory/Regulatory Authorities

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. §2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. §794 *et seq.*), as amended, (prohibits discrimination on the basis of disability);
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. §6101 *et seq.*), (prohibits discrimination on the basis of age);
- Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 *et seq.*), (prohibits discrimination on the basis of disability);
- 49 C.F.R. Part 21 (entitled *Nondiscrimination In Federally-Assisted Programs Of The Department Of Transportation—Effectuation Of Title VI Of The Civil Rights Act Of 1964*);
- 49 C.F.R. Part 27 (entitled *Nondiscrimination On The Basis Of Disability In Programs Or Activities Receiving Federal Financial Assistance*);
- 49 C.F.R. Part 28 (entitled *Enforcement Of Nondiscrimination On The Basis Of Handicap In Programs Or Activities Conducted By The Department Of Transportation*);
- 49 C.F.R. Part 37 (entitled *Transportation Services For Individuals With Disabilities (ADA)*);
- 23 C.F.R. Part 200 (FHWA’s Title VI/Nondiscrimination Regulation);
- 28 C.F.R. Part 35 (entitled *Discrimination On The Basis Of Disability In State And Local Government Services*);
- 28 C.F.R. Part 50.3 (DOJ Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964);

The preceding statutory cites are hereinafter referred to as the “Acts.” The preceding regulatory cites are hereinafter referred to as the “Regulations.”

Although not applicable to Recipients directly, there are certain Executive Orders and relevant guidance that direct action by Federal agencies regarding their federally assisted programs and activities to which compliance is required by Recipients to ensure Federal agencies carry out their responsibilities. Executive Order 12898, 3 C.F.R. 859 (1995), entitled “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations”, emphasizes that Federal agencies should utilize existing laws to achieve Environmental Justice, in particular Title VI, to ensure nondiscrimination against minority populations. Recipients should be aware that certain Title VI matters raise Environmental Justice concerns and FHWA intends that all Recipients evaluate and revise existing procedures (as appropriate) to address and

# Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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implement Environmental Justice considerations. See the following FHWA website for more information and facts about Environmental Justice:

<http://www.fhwa.dot.gov/environment/ejustice/facts/index.htm>.

Additionally, Executive Order 13166, 3 C.F.R. 289 (2001) on Limited-English-Proficiency, according to the U.S. Department of Justice in its Policy Guidance Document dated August 16, 2000 (65 Fed. Reg. at 50123), clarifies the responsibilities associated with the “*application of Title VI’s prohibition on national origin discrimination when information is provided only in English to persons with limited English proficiency.*” When receiving Federal funds Recipients are expected to conduct a four-factor analysis to prevent discrimination based on National Origin. (See also U.S. DOT’s “*Policy Guidance Concerning Recipients’ Responsibilities to Limited English Proficient (LEP) Persons,*” dated December 14, 2005, (70 Fed. Reg. at 74087 to 74100); the Guidance is a useful resource when performing a Four-Factor Analysis).

## **General Assurances**

In accordance with the Acts, the Regulations, and other pertinent directives, policy, memoranda, and/or guidance, Recipient hereby gives assurance that it will promptly take any measures necessary to ensure that

*“No person in the United States shall, on the grounds of race, color, national origin, sex, age, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity,” for which the Recipient receives Federal financial assistance from the USDOT, including the Federal Highway Administration.*

The Civil Rights Restoration Act of 1987 clarified the original intent of Congress, with respect to Title VI and other Nondiscrimination requirements (The Age Discrimination Act of 1975, and Section 504 of the Rehabilitation Act of 1973) by restoring the broad, institution wide scope, and coverage of these nondiscrimination statutes and requirements to include all programs and activities of the Recipient, so long as any portion of the program is federally-assisted.

Additionally, the Recipient may not discriminate in the selection and retention of contractors, including without limitation, retaining contractors whose services are for, or incidental to, construction, planning, research, highway safety, engineering, property management, realty, fee contracts, and other commitments with persons for services and expenses incidental to the acquisition of rights-of-way.

Federal-aid contractors may not discriminate in their selection and retention of first-tier subcontractors and first-tier subcontractors may not discriminate in their selection and retention of second-tier subcontractors, who participate in Federal-aid highway construction, acquisition of rights-of-way, and related projects, including those who supply materials and lease equipment.

## Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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The Recipient may not discriminate against eligible persons in making relocation payments and in providing relocation advisory assistance where highway rights-of-way acquisitions necessitate relocation(s).

The Recipient may not discriminate by preventing Title VI/Nondiscrimination populations from accessing and utilizing facilities and services provided for public accommodations (i.e., eating, sleeping, rest, recreation, and vehicle servicing) constructed on, over, or under the rights-of-way of federally assisted highways.

The Recipient, its sub-recipients, contractors, subcontractors, and other persons subject to this Agreement may not discriminate in their employment practices in connection with highway construction projects or other projects assisted by the Federal Highway Administration.

The Recipient shall develop and implement a Public Participation Plan in a manner that ensures the identification of Title VI/Nondiscrimination population(s), affords the population(s) opportunities to comment, and provides an atmosphere where all comments are promptly addressed with regard to the location and design of highway construction projects. Additionally, the Recipient shall not locate, design, or construct a highway in such a manner as to deny access to, and use thereof, to any persons on the basis of race, color, national origin, sex, age, or disability,

More specifically and without limiting the above general Assurance, the Recipient agrees with and gives, the following Assurance with respect to its federally-assisted highway program, as follows:

1. The Recipient agrees that each “program” and each “facility” as defined in §§21.23 (b) and 21.23 (e) of 49 C.F.R. § 21 will be (with regard to a “program”) conducted, or will be (with regard to a “facility”) operated in compliance with all requirements imposed by, or pursuant to, the Acts and the Regulations;
2. The Recipient shall insert the following notification in all solicitations for bids and Requests For Proposals for work or material subject to the Acts and the Regulations made in connection with all **Federal Highway Programs** and, in adapted form, in all proposals for negotiated agreements regardless of funding source:

*“The Massachusetts Department of Transportation, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4), other Nondiscrimination requirements (The Federal-Aid Highway Act of 1973, The Age Discrimination Act of 1975, Section 504 of the Rehabilitation Act of 1973, and Americans with Disabilities Act of 1990), and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement will be awarded without discrimination on the ground of race, color, national origin, sex, age, or disability.”;*

## Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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3. The Recipient shall insert the clauses of "Appendix A" of this Assurance in every contract or agreement subject to the Acts and the Regulations;
4. The Recipient shall insert the clauses of "Appendix B" of this Assurance, as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures or improvements thereon or interest therein to a Recipient;
5. The Recipient shall insert the following language in all Federal-Aid Agreements entered into with the FHWA:

*"The State of Massachusetts, acting through its Department of Transportation (Recipient) **HEREBY AGREES THAT**, as a condition to receiving Federal financial assistance from the United States Department Of Transportation, Federal Highway Administration, it is subject to and shall comply with Title VI of the Civil Rights Act of 1964 and additional Nondiscrimination requirements as detailed in the **FHWA Assurances for Title VI and Other Nondiscrimination Statutes and Regulations** document."*

6. That where the Recipient receives Federal financial assistance to construct a facility, or part of a facility, the Assurance shall extend to the entire facility and facilities operated in connection therewith;
7. That where the Recipient receives Federal financial assistance in the form, or for the acquisition of real property or an interest in real property, the Assurance shall extend to rights to space on, over or under such property;
8. That the Recipient shall "include the appropriate clauses set forth in Appendix C and Appendix D" of this Assurance, as a covenant running with the land, in any future deeds, leases, licenses, permits, or similar instruments entered into by the Recipient with other parties:
  - a. For the subsequent transfer of real property acquired or improved under the applicable Project or Program; and
  - b. For the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable Project or Program.
9. That this Assurance obligates the Recipient for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property or interest therein or structures or improvements thereon, in which case the Assurance obligates the Recipient or any transferee for the longer of the following periods:
  - a. The period during which the property is used for a purpose for which the Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or

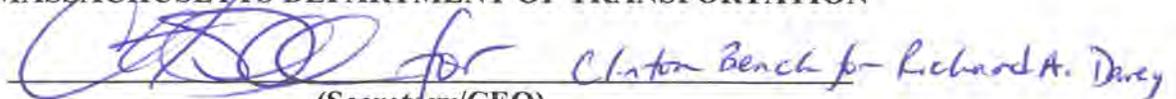
## Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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- b. The period during which the Recipient retains ownership or possession of the property.
10. The Recipient shall provide for such methods of administration for the program as are found by the Secretary of Transportation or the official to whom he/she delegates specific authority to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Acts, the Regulations, and this Assurance; and
11. The Recipient agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Acts, the Regulations, and this Assurance.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, agreements, property, and/or discounts, or other Federal-aid and Federal financial assistance extended after the date hereof to the recipients by the Department of Transportation under the Federal Highway Program and is binding on it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors and their subcontractors', transferees, successors in interest, and any other participants in the **Federal Highway Programs**. The person or persons whose signature appears below are authorized to sign this assurance on behalf of the Recipient.

### MASSACHUSETTS DEPARTMENT OF TRANSPORTATION

  
(Secretary/CEO)

DATED 24 Jun 14

Federal Highway Administration Assurances for Title VI and Other  
Nondiscrimination Statutes and Regulations

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**TITLE VI/NONDISCRIMINATION AGREEMENT AND SUB-RECIPIENT  
ASSURANCES**

The **Berkshire Metropolitan Planning Organization** [Grantee] (hereinafter referred to as the "Sub-Recipient"), **HEREBY AGREES THAT**, as a condition to receiving any Federal financial assistance from the United States Department of Transportation (USDOT), Federal Highway Administration, from the Massachusetts Department of Transportation (Recipient), it is subject to and must comply with the Statutory/Regulatory Authorities and requirements detailed in this document.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, agreements, property, and/or discounts, or other Federal-aid and Federal financial assistance extended after the date hereof to the recipients by the Department of Transportation under the Federal Highway Program and is binding on it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors and their subcontractors', transferees, successors in interest, and any other participants in the **Federal Highway Programs**. The persons whose signature appears below is authorized to sign this assurance on behalf of the Sub-Recipient.

Berkshire Metropolitan Planning Organization

  
\_\_\_\_\_

**Richard A. Davey**  
**MassDOT Secretary and CEO**  
**Berkshire MPO Chairman**

DATED 24 Jan 14 \_\_\_\_\_

# Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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## APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

- 1. Compliance with Regulations:** The contractor shall comply with the Acts and the Regulations relative to Nondiscrimination in federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
- 2. Nondiscrimination:** The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, national origin, sex, age, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers a program set forth in Appendix B of 49 CFR Part 21.
- 3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Nondiscrimination on the grounds of race, color, national origin, sex, age, or disability.
- 4. Information and Reports:** The contractor shall provide all information and reports required by the Acts, the Regulations and directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration (FHWA) to be pertinent to ascertain compliance with such Acts, Regulations, orders, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information the contractor shall so certify to the Recipient or the FHWA, as appropriate, and shall set forth what efforts it has made to obtain the information.
- 5. Sanctions for Noncompliance:** In the event of the contractor's noncompliance with the Nondiscrimination provisions of this contract, the Recipient shall impose such contract sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:

## Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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- Withholding of payments to the contractor under the contract until the contractor complies; and/or
  - Cancellation, termination, or suspension of the contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor shall include the provisions of paragraphs 1 through 6 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Recipient or the FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Recipient to enter into such litigation to protect the interests of the Recipient and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

# Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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## CLAUSES FOR DEEDS TRANSFERING UNITED STATES PROPERTY

### APPENDIX B

The following clauses shall be included in deeds effecting or recording the transfer of real property, structures or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4:

**NOW, THEREFORE**, the Department of Transportation, as authorized by law, and upon the condition that the (Name of Recipient) will accept title to the lands and maintain the project constructed thereon, in accordance with (Name of Appropriate Legislative Authority), the Regulations for the Administration of **Federal Highway Programs** and the policies and procedures prescribed by the Federal Highway Administration of the Department of Transportation and, also in accordance with and in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. § 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the (Name of Recipient) all the right, title and interest of the Department of Transportation in and to said lands described in Exhibit "A" attached hereto and made a part hereof.

**TO HAVE AND TO HOLD** said lands and interests therein unto (Name of Recipient) and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and shall be binding on the (Name of Recipient), its successors and assigns.

The (Name of Recipient), in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person shall on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over or under such lands hereby conveyed [,] [and]\* (2) that the (Name of Recipient) shall use the lands and interests in lands and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended, and (3) that in the event of breach of any of the above-mentioned nondiscrimination conditions, the Department shall have a right to re-enter said lands and facilities on said land, and that above described land and facilities shall thereon revert to and

## Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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vest in and become the absolute property of the Department of Transportation and its assigns as such interest existed prior to this instruction.\*

**\*Reverter clause and related language to be used only when it is determined that such a clause is necessary in order to effectuate the purpose of Title VI and related Nondiscrimination laws.**

# Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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## CLAUSES FOR TRANSFER OF REAL PROPERTY ACQUIRED OR IMPROVED UNDER THE FEDERAL HIGHWAY PROGRAMS

### APPENDIX C

The following clauses shall be included in deeds, licenses, leases, permits, or similar instruments entered into by the (Name of Recipient) pursuant to the provisions of Assurance 8(a):

- A. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:
  1. In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a Department of Transportation program or activity is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) shall maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations (as may be amended) set forth in the Title VI/Nondiscrimination Assurance agreement
  2. No person on the grounds of race, color, national origin, sex, age, or disability shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Nondiscrimination covenants, (Name of Recipient) shall have the right to terminate the lease, license, permit, etc. and to re-enter and repossess said lands and facilities thereon, and hold the same as if the lease, license, permit, etc. had never been made or issued.
- C. With respect to a deed, in the event of breach of any of the above nondiscrimination covenants, the (Name of Recipient) shall have the right to re-enter the lands and facilities thereon, and the above described lands and facilities shall thereupon revert to and vest in and become the absolute property of the (Name of Recipient) and its assigns.

# Federal Highway Administration Assurances for Title VI and Other Nondiscrimination Statutes and Regulations

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## CLAUSES FOR CONSTRUCTION/USE/ACCESS TO REAL PROPERTY ACQUIRED UNDER THE FEDERAL HIGHWAY PROGRAM

### APPENDIX D

The following clauses shall be included in deeds, licenses, permits, or similar instruments entered into by (Name of Recipient) pursuant to the provisions of Assurance 8(b):

- A. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add "as a covenant running with the land") that (1) no person on the ground of race, color, national origin, sex, age, or disability shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over or under such land and the furnishing of services thereon, no person on the ground of race, color, national origin, sex, age, or disability shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) shall use the premises in compliance with all other requirements imposed by or pursuant to the Acts and Regulations, as amended, set forth in the Title VI/Nondiscrimination Assurance agreement.
- B. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Nondiscrimination covenants, (Name of Recipient) shall have the right to terminate the (license, permit, etc., as appropriate) and to re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued.\*
- C. With respect to deeds, in the event of breach of any of the above nondiscrimination covenants, (Name of Recipient) shall have the right to re-enter said land and facilities thereon, and the above described lands and facilities shall thereupon revert to and vest in and become the absolute property of (Name of Recipient) and its assigns.\*

**\*Reverter clause and related language to be used only when it is determined that such a clause is necessary to effectuate the purpose of Title VI and related Nondiscrimination laws.**

## FTA FISCAL YEAR 2014 CERTIFICATIONS AND ASSURANCES

### FEDERAL FISCAL YEAR 2014 FTA CERTIFICATIONS AND ASSURANCES SIGNATURE PAGE (Required of all Applicants for FTA funding and all FTA Grantees with an active Capital or Formula Project)

#### AFFIRMATION OF APPLICANT

Name of the Applicant: Berkshire Metropolitan Planning Organization

Name and Relationship of the Authorized Representative: Richard A. Davey, Chairman

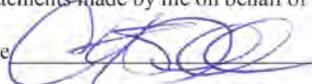
BY SIGNING BELOW, on behalf of the Applicant, I declare that it has duly authorized me to make these Certifications and Assurances and bind its compliance. Thus, it agrees to comply with all Federal statutes and regulations, and follow applicable Federal guidance, and comply with the Certifications and Assurances as indicated on the foregoing page applicable to each application its Authorized Representative makes to the Federal Transit Administration (FTA) in Federal Fiscal Year 2014, irrespective of whether the individual that acted on his or her Applicant's behalf continues to represent it.

FTA intends that the Certifications and Assurances the Applicant selects on the other side of this document should apply to each Project for which it seeks now, or may later seek FTA funding during Federal Fiscal Year 2014.

The Applicant affirms the truthfulness and accuracy of the Certifications and Assurances it has selected in the statements submitted with this document and any other submission made to FTA, and acknowledges that the Program Fraud Civil Remedies Act of 1986, 31 U.S.C. 3801 *et seq.*, and implementing U.S. DOT regulations, "Program Fraud Civil Remedies," 49 CFR part 31, apply to any certification, assurance or submission made to FTA. The criminal provisions of 18 U.S.C. 1001 apply to any certification, assurance, or submission made in connection with a Federal public transportation program authorized by 49 U.S.C. chapter 53 or any other statute

In signing this document, I declare under penalties of perjury that the foregoing Certifications and Assurances, and any other statements made by me on behalf of the Applicant are true and accurate.

Signature



Date:

24 Jan 14

Name Clinton Beach for Richard A. Davey, Chair  
Authorized Representative of Applicant

#### AFFIRMATION OF APPLICANT'S ATTORNEY

For (Name of Applicant): \_\_\_\_\_

As the undersigned Attorney for the above named Applicant, I hereby affirm to the Applicant that it has authority under State, local, or tribal government law, as applicable, to make and comply with the Certifications and Assurances as indicated on the foregoing pages. I further affirm that, in my opinion, the Certifications and Assurances have been legally made and constitute legal and binding obligations on it.

I further affirm that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these Certifications and Assurances, or of the performance of its FTA Project or Projects.

Signature \_\_\_\_\_

Date: \_\_\_\_\_

Name \_\_\_\_\_

Attorney for Applicant

Each Applicant for FTA funding and each FTA Grantee with an active Capital or Formula Project must provide an Affirmation of Applicant's Attorney pertaining to the Applicant's legal capacity. The Applicant may enter its signature in lieu of the Attorney's signature, provided the Applicant has on file this Affirmation, signed by the attorney and dated this Federal fiscal year.

## FTA FISCAL YEAR 2014 CERTIFICATIONS AND ASSURANCES

### FEDERAL FISCAL YEAR 2014 CERTIFICATIONS AND ASSURANCES FOR FEDERAL TRANSIT ADMINISTRATION ASSISTANCE PROGRAMS

(Signature page alternative to providing Certifications and Assurances in TEAM-Web)

Name of Applicant: Berkshire Metropolitan Planning Organization

The Applicant agrees to comply with applicable provisions of Groups 01 – 24. \_\_\_\_\_

OR

The Applicant agrees to comply with applicable provisions of the Groups it has selected:

<u>Group</u>	<u>Description</u>	
01.	Required Certifications and Assurances for Each Applicant.	_ X _
02.	Lobbying.	_____
03.	Procurement and Procurement Systems.	_____
04.	Private Section Protections.	_____
05.	Rolling Stock Reviews and Bus Testing.	_____
06.	Demand Responsive Service.	_____
07.	Intelligent Transportation Systems.	_____
08.	Interest and Financing Costs and Acquisition of Capital Assets by Lease.	_____
09.	Transit Asset Management Plan and Public Transportation Agency Safety Plan.	_____
10.	Alcohol and Controlled Substances Testing.	_____
11.	Fixed Guideway Capital Investment Grants Program (New Starts, Small Starts, and Core Capacity) and Capital Investment Program in Effect before MAP-21.	_____
12.	State of Good Repair Program.	_____
13.	Fixed Guideway Modernization Grant Program.	_____
14.	Bus and Bus Facilities Formula Grants Program and Bus and Bus Related Equipment and Facilities Grant Program (Discretionary).	_____
15.	Urbanized Area Formula Grants Programs, Passenger Ferry Grants Program, and Job Access and Reverse Commute (JARC) Program.	_____
16.	Seniors/Elderly/Individuals with Disabilities Programs and New Freedom Program.	_____
17.	Rural/Other Than Urbanized Areas/Appalachian Development/Over-the-Road Bus Accessibility Programs.	_____
18.	Public Transportation on Indian Reservations Programs (also known as the Tribal Transit Programs).	_____
19.	Low or No Emission/Clean Fuels Grant Programs.	_____
20.	Paul S. Sarbanes Transit in Parks Program.	_____
21.	State Safety Oversight Program.	_____
22.	Public Transportation Emergency Relief Program.	_____
23.	Expedited Project Delivery Pilot Program.	_____
24.	Infrastructure Finance Programs.	_____

# **Transportation Improvement Program**

## APPENDIX

1. PUBLIC NOTICE
2. PUBLIC COMMENTS

# 1. PUBLIC NOTICE

## Public Notices

### INVITATION TO BID

Sealed Bids for the General Contract for the **Multi-Purpose and Fitness Rooms - Flooring Installation Project** for the Berkshire Arts and Technology Charter School, One Commercial Place, Adams, Massachusetts, will be received at Westall Architects, 187 Main Street, Williamstown, Massachusetts, 01267, until Friday, July 15, 2016, at 3:00PM, at that time and place will be publicly opened and read aloud.

The work includes installation of Linoleum Floor Covering and Resilient Athletic Flooring, with associated Water Vapor Emission Control System and other related building alterations.

A Pre-Bid Meeting shall be held at the Berkshire Arts and Technology Charter School, One Commercial Place, Adams, Massachusetts, on Wednesday, July 6, 2016, at 9:00AM. Attendance is not required at this meeting.

Bid security in the form of bid bond, cash, or certified treasurer's or cashier's check made payable to Berkshire Arts and Technology Charter School, are required as follows: Five percent (5%) of the value of the maximum Bid, including alternates, if any.

Contract Documents, prepared by Westall Architects, may be examined at Westall Architects, 187 Main Street, Williamstown, MA, during normal business hours beginning Wednesday, June 29, between 8:30AM and 4:00PM, Monday through Friday.

Contract Documents may be obtained in person or digitally from Westall Architects (413-458-5139). Hard copies of Contract Documents will be mailed, if requested, upon receipt of a street (not a P.O. Box) address suitable for commercial carrier delivery, and a certified cashier's check or treasurer's check, or money order made payable to Berkshire Arts and Technology Charter School in the amount of \$20.00, as a non-refundable postage and handling fee. Document deposits will be refunded upon return of the documents in good condition within fifteen (15) days after the opening of General Bids. Contract documents returned which are either damaged, taken apart, missing pages or rebound out of sequence shall be deemed not in good condition. Contract Documents must be returned to Westall Architects for refund of deposit.

No Bidder may withdraw his Bid for a period of thirty days, excluding Saturdays, Sundays, and legal holidays, after the actual date of the opening of the General Bids. Suc-

## Public Notices

### Berkshire Metropolitan Planning Organization PUBLIC REVIEW AND COMMENT

The Berkshire MPO is seeking public comment on the following documents:

**2017 Unified Planning Work Program (UPWP)** - The 2017 UPWP is a list, budget and description of all federally funded transportation planning work to be performed between October 1, 2016 and September 30, 2017, mostly by staff of the Berkshire Regional Planning Commission (BRPC) and consultants working for BRPC, under the auspices of the Berkshire Metropolitan Planning Organization.

**2017-2021 Transportation Improvement Program (TIP)** - The TIP is a prioritized, multi-year program for the implementation of federally funded transportation projects in Berkshire County. Highway, bridge, transportation enhancement and transit improvement projects must be listed in the TIP to be eligible for federal funding.

Copies of these documents can be obtained by:  
1. Phone: Berkshire Regional Planning Commission (BRPC), 413-442-1521, ext. 20;  
2. BRPC web site: [www.berkshireplanning.org](http://www.berkshireplanning.org);  
3. Walk-in: BRPC, 1 Fenn Street, Suite 201, Pittsfield MA 01201.

Comments are due by July 29, 2016, addressed to the Berkshire Metropolitan Planning Organization/BRPC, 1 Fenn Street, Suite 201, Pittsfield MA 01201 or via email to [info@berkshireplanning.org](mailto:info@berkshireplanning.org). The Berkshire MPO is scheduled to approve these documents at their meeting scheduled for August 2, 2016 at 4 PM at the BRPC offices.

06/29/16

### BERKSHIRE EAGLE Our Offices will be CLOSED On MONDAY, July 4, 2016

**PUBLIC NOTICES ONLY  
DEADLINES for  
4th JULY 2016 HOLIDAY**

**PUBLICATION DATE  
MONDAY, JULY 4TH**

**DEADLINE  
WEDNESDAY, JUNE 29TH  
4 PM**

**PUBLICATION DATE  
TUESDAY, JULY 5TH**

**DEADLINE IS  
THURSDAY, JUNE 30TH  
4 PM**

**PUBLICATION DATE  
WEDNESDAY, JULY 6TH**

## Public Notices

on Fridays from 8:00 AM to 1:00 PM in person, or by calling 413-662-3000 (x-3229). The City of North Adams is an Affirmative Action/Equal Opportunity Employer.

Michael F. Nuvalle  
Director OCD

06/29/16, 07/06/15

### Commonwealth of Massachusetts The Trial Court Probate and Family Court

#### INFORMAL PROBATE PUBLICATION NOTICE

Docket No. BE16P0409EA

Estate of: Virginia M. Field  
Also Known As:  
Virginia Field  
Date of Death: 5/23/2016

Berkshire Division  
44 Bank Row  
Pittsfield, MA 01201  
(413) 442-6941

To all persons interested in the above captioned estate, by Petition of Petitioner **Michael D. Walter of North Adams MA** a Will has been admitted to informal probate. **Michael D. Walter of North Adams MA** has been informally appointed as the Personal Representative of the estate to serve **without surety** on the bond.

The estate is being administered under informal procedure by the Personal Representative under the Massachusetts Uniform Probate Code without supervision by the Court. Inventory and accounts are not required to be filed with the Court, but interested parties are entitled to notice regarding the administration from the Personal Representative and can petition the Court in any matter relating to the estate, including distribution of assets and expenses of administration. Interested parties are entitled to petition the Court to institute formal proceedings and to obtain orders terminating or restricting the powers of Personal Representatives appointed under informal procedure. A copy of the Petition and Will, if any, can be obtained from the Petitioner.

James J. Sisto, Esq.  
Berkshire Elder Law Center PC  
40 Main Street  
North Adams, MA 01247  
413-664-7700

06/29/16

### Commonwealth of Massachusetts The Trial Court Probate and Family Court

#### CITATION ON PETITION FOR FORMAL APPOINTMENT OF

## Public Notices

Law Office of Elizabeth J. Quigley  
27 Henry Avenue,  
Professional Building, 2nd fl.  
Pittsfield, MA 01201  
413-499-5476

06/29/16

### Commonwealth of Massachusetts The Trial Court Probate and Family Court

#### INFORMAL PROBATE PUBLICATION NOTICE

Docket No. BE16P0410EA

Estate of: Carol Jean McCarron  
Also Known As:  
Carol J. McCarron  
Date of Death: 7/5/2014

Berkshire Division  
44 Bank Row  
Pittsfield, MA 01201  
(413) 442-6941

To all persons interested in the above captioned estate, by Petition of Petitioner **Michael McCarron of North Adams MA** a Will has been admitted to informal probate. **Michael McCarron of North Adams MA** has been informally appointed as the Personal Representative of the estate to serve **without surety** on the bond.

The estate is being administered under informal procedure by the Personal Representative under the Massachusetts Uniform Probate Code without supervision by the Court. Inventory and accounts are not required to be filed with the Court, but interested parties are entitled to notice regarding the administration from the Personal Representative and can petition the Court in any matter relating to the estate, including distribution of assets and expenses of administration. Interested parties are entitled to petition the Court to institute formal proceedings and to obtain orders terminating or restricting the powers of Personal Representatives appointed under informal procedure. A copy of the Petition and Will, if any, can be obtained from the Petitioner.

James J. Sisto, Esq.  
Berkshire Elder Law Center PC  
40 Main Street  
North Adams, MA 01247  
413-664-7700

06/29/16

In accordance with the provisions of the Massachusetts Uniform Commercial Code, Section 7-210, Enforcement of Warehouseman's Lien and by virtue of the Power of Sale contained in storage contracts and leases between **Mullen's Minis, Inc.**, and the persons hereinafter named for breach of the conditions in said contract, can-

## 2. PUBLIC COMMENTS

## Anuja Koirala

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**From:** Clete Kus  
**Sent:** Wednesday, July 20, 2016 8:47 AM  
**To:** Anuja Koirala  
**Subject:** FW: Draft TIP Comments- Berkshire

**From:** Chandler, David (FHWA) [mailto:david.chandler@dot.gov]

**Sent:** Tuesday, July 19, 2016 4:04 PM

**To:** Clete Kus <Ckus@berkshireplanning.org>

**Cc:** Sherman, Gabriel (DOT) <gabriel.sherman@state.ma.us>; Chong, Michael.A (FHWA) <Michael.A.Chong@dot.gov>; Wilcox, Brandon (FHWA) <brandon.wilcox@dot.gov>

**Subject:** Draft TIP Comments- Berkshire

Hi Clete,

It was a pleasure speaking with you on the phone today. Again, I thought the document on the whole looked good. I just have a few suggestions. I encourage you to incorporate these suggestions in the final document to an extent practical.

1. Please check regulatory references throughout the document to reflect the new Metropolitan Planning Rule. The TIP requirements are now at 23 CFR 450.326
2. The "ex-officio" members on page 2 should reflect the names of the FHWA Division and FTA Regional Administrators.
3. Page 7: This section could provide more detail on "how" the process was carried out. For example, more information about the location of meetings and outreach/consultation with Title VI/EJ communities. For example, was there any direct notice or engagement of key organizations listed on the MPO's Title VI/EJ Contact List? With respect to comments, the list of comments should include their disposition to summarize that the MPO gave them explicit consideration. Also, were any meetings held in areas that contain Title VI/EJ populations?
4. Relative to making the TIP available for public review and in accessible formats, including the Web (450.326(b) & 23 CFR 450.316(a)), documents appear to be ADA accessible and prominently displayed on the web site, but there is no notice of who to contact if other formats are needed, including language assistance. This information might fit into the brief description under "Seeking Comments" in the "Announcements" section of the web site. Also, the Google translator is moderately effective in translating web site content, and this is good. However, the MPO also has an obligation to provide meaningful access beyond use of a Google Translator, which, as you know, is not effective for the translation of linked documents. That said, I suggest a brief notice of who to contact for language assistance next to the document link in the narrative under "Seeking Comments." I realize these suggestions may be untimely, but should at least be incorporated in the future.
5. In the financial plan on page 46, the "Total Federal Projects Programmed Table" could use a footnote to explain the composition of the "Highway Other" category. Also, it is difficult to follow where the funding of 22.892 is coming from. Shouldn't this be apparent in the Table on the following page?
6. We also noted that the certification in the attachment did not contain MPO signatories consistent with the way other MPOs have been submitting.

I hope you find my comments helpful, and I look forward to working with you in the future.

**David Chandler**  
*Civil Rights Specialist*  
FHWA- Massachusetts and Rhode Island Divisions  
55 Broadway, 10th Floor



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, MassDOT Secretary & CEO

**massDOT**  
Massachusetts Department of Transportation

July 22, 2016

Nathaniel Karns, Executive Director  
Berkshire Regional Planning Commission  
1 Fenn Street, Suite 201  
Pittsfield, MA 01201

Dear Mr. Karns:

The Massachusetts Department of Transportation (MassDOT) Office of Transportation Planning (OTP) has reviewed the draft 2017-2021 Transportation Improvement Program (TIP) released by the Berkshire Metropolitan Planning Organization (MPO) on June 28, 2016. The following MassDOT comments include both general guidance and specific comments on the MPO's 3C planning process with regard to the content of this document as released for public review.

Please note the following comments specific to the information contained in the MPO's draft 2017-2021 TIP.

#### Narrative

- Page 4 - Please link the TIP to the ten national planning factors.
- Page 6 – Please include evaluation scores for any unprogrammed projects.
- Page 9 – Please ensure that the list of funding sources is up-to-date and includes relevant FAST Act and other sources on the current TIP template.
- Page 46 – Please update all “Federal Funding Financial Summary” tables to reflect final federal regional target TAP allocations.
- Page 48-52 – Please include final statewide programs list.

#### Federal Highway Project Listing

##### **FFY 2017**

- 607512 - Due to recent repair work performed on this bridge by MassDOT, it is recommended that this project be removed from the draft TIP. Highway District 1 is proposing a 2017 replacement project within District 1, but in the Franklin region. This proposed replacement is project 608311 – Buckland, Bridge Maintenance, B-28-003, Route 112 over Route 2 and Pan Am Railroad for \$309,960.
- 608167 – Please ensure that the total cost matches the Estimated Total Federal Participating Construction Cost (TFPC) in MassDOT's Project Information (PINFO) database.

##### **FFY 2018**

- 606462 - Please ensure that the total cost matches the TFPCC, plus YOE factor.

#### **FFY 2019**

- 606233 – Please update the Additional Information field to reflect that FFY 2019 is the second year of a two year Advanced Construction project.

#### **FFY 2020**

- 607328 - Please ensure that the total cost matches the TFPCC, plus YOE factor.
- Please update TAP target to reflect the final federal regional targets. The final TAP target is \$0, so please reallocate funding sources for 607328 to account for this. Note that the total regional target amount has not changed. Please also note that the draft TIP contains a typo and lists the project as "603728" instead of "607328" in the TAP section.

#### **FFY 2021**

- 606406 – Please ensure that the total project cost matches the TFPCC, plus YOE factor.
- Please update TAP target to reflect the final federal regional targets. The final TAP target is \$0, but the total regional target amount has not changed.

#### Attachments

- Please update Attachment 1 tables to reflect final federal regional target TAP allocations.
- MassDOT appreciates the use of maps such as the "2017-2021 TIP Projects Map." Increased use of maps and graphics lends to the overall readability and user-friendliness of the document.

#### Attachment 6 – Greenhouse Gas Monitoring and Evaluation

For the purpose of ensuring compliance with *310 CMR 60.05: Global Warming Solutions Act Requirements for the Transportation Sector and the Massachusetts Department of Transportation*, we have provided the following comments to be addressed in the GHG sections of your TIP (for more information on reporting, please see the guidance document issued by MassDOT in December 2015:

<https://www.massdot.state.ma.us/GreenDOT/GreenhouseGasReduction.aspx> ):

- Transit TIP tabs
  - Please update the greenhouse gas emission results on statewide funded projects with the information that will be provided by OTP before endorsement.

- Please ensure that associated GHG analysis is included on the list of completed highway and transit projects (FFY 2015-present).
- No transit project information is provided. Please include GHG analysis in the transit tabs for any projects included in the transit element of the TIP.

Please contact me at (857) 368-8865 or Gabriel Sherman at (857) 368-8866 if you have any questions.

Sincerely,



David Mohler  
Executive Director  
Office of Transportation Planning

Cc: Jeffrey McEwen, Division Administrator, Federal Highway Administration  
Mary Beth Mello, Regional Administrator, Federal Transit Administration  
Francisca Heming, District 1 Highway Director  
Astrid Glynn, Rail and Transit Division Administrator

## Anuja Koirala

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**From:** Anuja Koirala  
**Sent:** Thursday, July 28, 2016 2:09 PM  
**To:** Anuja Koirala  
**Subject:** FW: MassDOT OTP 2017 TIP comment letter

**From:** Frieri, Peter (DOT) [<mailto:Peter.Frieri@dot.state.ma.us>]  
**Sent:** Wednesday, July 27, 2016 12:14 PM  
**To:** Anuja Koirala <[akoirala@berkshireplanning.org](mailto:akoirala@berkshireplanning.org)>  
**Cc:** Clete Kus <[Ckus@berkshireplanning.org](mailto:Ckus@berkshireplanning.org)>; Moore, Mark (DOT) <[mark.moore@state.ma.us](mailto:mark.moore@state.ma.us)>  
**Subject:** RE: MassDOT OTP 2017 TIP comment letter

Anuja:

Here are some additional District comments on the 2016-2019 and 2017-2021 draft TIP:

**FFY 2016** – the \$1 million (HPP earmark) that is currently programmed for bikepath design in Adams/North Adams should be moved to 2017. Although the town has been working on a Scope of Work and is getting close to submitting it for MassDOT review, it is not possible to have this money under contract in 2016, so 2017 is more appropriate.

### **Federal Fiscal Year 2020**

#### **Section 1C – Federal Aid Non-Target Projects**

##### **Other Federal Aid**

Project 606890 – Adams/North Adams, Ashwilticook Rail Trail Extension to Route 8A (Hodges Cross Road)

*Comment: The previous programmed (2016-2019) funding for this project included \$640,000 in HPP funding (SAFETEA-LU HPP 2850). Please restore this funding amount to the proposed draft TIP.*

### **Peter L. Frieri | Planning Engineer | Massachusetts Department of Transportation - Highway Division**

District One Administration, 270 Main Street, Lenox, MA 01240 | phone 413.637.5767 | email [peter.frieri@state.ma.us](mailto:peter.frieri@state.ma.us)

**From:** Sherman, Gabriel (DOT) [<mailto:Gabriel.Sherman@dot.state.ma.us>]  
**Sent:** Tuesday, July 26, 2016 4:55 PM  
**To:** Nathaniel Karns <[nkarns@berkshireplanning.org](mailto:nkarns@berkshireplanning.org)>; Clete Kus <[Ckus@berkshireplanning.org](mailto:Ckus@berkshireplanning.org)>  
**Cc:** Brandon Wilcox ([Brandon.wilcox@dot.gov](mailto:Brandon.wilcox@dot.gov)) <[Brandon.wilcox@dot.gov](mailto:Brandon.wilcox@dot.gov)>; Leah Sirmin ([leah.sirmin@dot.gov](mailto:leah.sirmin@dot.gov)) <[leah.sirmin@dot.gov](mailto:leah.sirmin@dot.gov)>; Chong, Michael.A (FHWA) <[Michael.A.Chong@dot.gov](mailto:Michael.A.Chong@dot.gov)>; Moore, Mark (DOT) <[mark.moore@state.ma.us](mailto:mark.moore@state.ma.us)>; Frieri, Peter (DOT) <[peter.frieri@state.ma.us](mailto:peter.frieri@state.ma.us)>; Linnell, Jillian (DOT) <[jillian.linnell@state.ma.us](mailto:jillian.linnell@state.ma.us)>  
**Subject:** MassDOT OTP 2017 TIP comment letter

Good afternoon,

Please find attached MassDOT OTP's comment letter on the 2017 draft TIP.

Thanks,

Gabe

Gabriel Sherman, Transportation Program Planner  
Massachusetts Department of Transportation  
Office of Transportation Planning

# Town of Hinsdale

39 South Street  
Hinsdale, MA 01235



Office of the  
Select Board

Phone: (413) 655-2245

Fax: (413) 655-8807

July 27, 2016

Mr. Nat Karns  
Berkshire Metropolitan Planning Organization, c/o BRPC,  
1 Fenn Street, Suite 201  
Pittsfield MA 01201

Dear Mr. Karns:

The Hinsdale Select Board was very pleased to learn that the Skyline Trail/Middlefield Road reconstruction project was finally officially placed in the "queue" for TIP funding in FY2021. Although this is a very encouraging and necessary step in the right direction, given that this project has been identified as a pressing need by many local officials and other stakeholders for over 20 years, we strongly believe that it is appropriate to move the project up for TIP funding in FY2018 or FY2019. We believe that members of our state and federal legislative delegation are submitting their own letters of support.

The segment of Skyline Trail/Middlefield Road that is located in Hinsdale represents the last leg of a historical trail that traverses five communities (Hinsdale, Peru, Middlefield, Chester and Huntington) and connects with State Route 8 in Hinsdale. The Hinsdale portion of this road is the only segment that has not previously been reconstructed, which is why it is so critically important that the project be completed in a timely manner. Skyline Trail/Middlefield Road is not only an important transportation artery for area residents and school buses completing their daily commutes/routes, it promotes outdoor recreation and tourism opportunities by facilitating convenient public access (including access to the 1,500-acre Hinsdale Flats Wildlife Management Area) that in turn directly benefits our small businesses, our real estate market, and other facets of our local community. The road's increasing age and accelerating deterioration also present a growing risk to human health and safety, and our dedicated Highway Department simply does not have the capacity or resources to provide a feasible long-term solution in the absence of TIP funding.

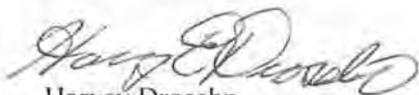
Thank you for giving this request the due (or, more appropriately, "overdue") consideration that it deserves. Please do not hesitate to contact our Town Administrator, Ryan Aylesworth ([town.administrator@hinsdalema.gov](mailto:town.administrator@hinsdalema.gov) | 413-464-6534), as needed to discuss this project.

Sincerely,

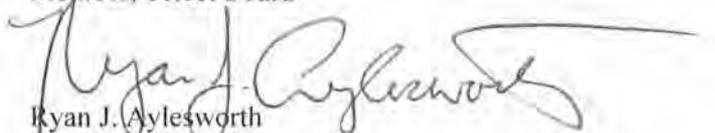


Laurel Scialabba  
Chair, Select Board

Bruce Marshall  
Member, Select Board



Harvey Drosehn  
Member, Select Board



Ryan J. Aylesworth  
Town Administrator

