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Fiscal Analysis

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Background

The FAST Act, continued through by the BIL, requires that the projects recommended in the RTP be fiscally constrained. Fiscal constraint means that the anticipated cost of planned projects will not reasonably exceed expected revenue. It is crucial to provide a fiscal context for transportation planning as it adds much needed realism to the process. Additionally, it is an extremely valuable consideration in project prioritization among other factors and the anticipated benefits that implemented projects are expected to achieve. This plan is fiscally constrained based on the financial projections provided by MassDOT for the years 2024 to 2044.

HIGHWAY AND BRIDGE FUNDING

MassDOT Office of Transportation Planning provided anticipated funding levels for the 20 years of the RTP and are found in **Figure 5-1**. These estimates are predicated on the assumption that federal and state match funding for the period of 2020-2040 reflect current allocations and are inflated 2.2% annually from 2021 to 2040. The complete base amount of federal funds available for the statewide road and bridge program includes the required match and represents totals for each 5-year period.

Local aid funding sources such as Chapter 90, town expenditures, and state grant programs like MassWorks are not included in these funding projections. Based on these funding projections, a total of \$737.6 million is anticipated for Berkshire County for highway, bridge, and other projects from FY 2024 through FY 2044. This funding is prioritized annually through the Berkshire MPO's Transportation Improvement Program (TIP).

Bridge Funding

Figure 5-2 displays funding levels for the statewide bridge program. It should be noted that funding for the statewide bridge program includes funding for the entire state. It is anticipated that portions of this funding will be available for bridges in our region. Moreover, NFA preservation funds identified in **Figure 5-1** can be used for bridge projects.

TRANSIT FUNDING

MassDOT provided transit program Federal revenue over the life of this plan for the *5307 Urbanized Area Funding Resources* and *5311 Formula Grants* in non-Urbanized Areas. 5307-eligible activities include planning, engineering design and evaluation of transit projects and other technical transportation-related studies; capital investments in bus and bus-related activities such as replacement of buses, overhaul of buses, rebuilding of buses, crime prevention and security equipment and construction of maintenance and passenger facilities; and capital investments including rolling stock, overhaul and rebuilding of vehicles, signals, communications, and computer hardware and software. All preventive maintenance and some Americans with Disabilities Act complementary paratransit service costs are capital costs.

BRTA can use 5311 funding for capital, operating, and administrative expenses for public transportation projects that meet the needs of rural communities. Examples of eligible activities include: capital projects; operating costs of equipment and facilities for use in public transportation; and the acquisition of public transportation services, including service agreements with private providers of public transportation services.

BRTA uses 5307 funds to upgrade capital assets like vehicles and transit facilities and perform maintenance. BRTA uses 5311 funding to offset operating costs in the Berkshires' rural areas. We do not anticipate the manner in which they use their funding to change from how it has been used in the past. MassDOT indicates that BRTA has \$77.9 million in 5307 funding to continue with capital projects and \$8.2 million in 5311 rural service operating and capital funding over the life of this RTP. Financial information for transit and operating revenue is presented in **Figure 5-3**.

Fiscal Constraint Analysis

For financial planning purposes and to comply with 23 CFR Part 450, Regional Transportation Plans are required to show that sufficient funding is projected to cover the costs of anticipated projects planned for construction over the horizon of the plan.

The financial analysis presented above has

addressed the revenue sources reasonably expected to be available from both federal and state sources and the cost associated with operations and maintenance needs of the existing transportation system. According to MassDOT projections, it is estimated that \$737,635,858 in funds will be available for highway projects. Federal transit funding is estimated at \$52.8 million. As expenditures do not exceed the projected available funds, the plan meets financial constraint requirements.

Figure 5-1: Estimated Highway Funding for the Berkshire MPO, FY 2024 - 2044

	Highway	Non-Interstate DOT Pavement	Remaining Statewide Programs	Non-Federal Aid (NFA) Preservation (highway or bridge projects)	Totals
MARPA Formula (as % of total funding to Berkshire MPO)	3.5596%	9.0200%	3.5596%	3.5596%	
2024	\$ 10,823,430	\$ 6,557,858.68	\$ 7,318,358.98	\$ 3,637,911.20	\$ 28,337,559
2025	\$ 10,639,564	\$ 6,557,858.68	\$ 7,941,311.44	\$ 3,713,579.75	\$ 28,852,314
2026	\$ 10,379,265	\$ 5,863,000.00	\$ 8,329,780.45	\$ 3,790,822.21	\$ 28,362,868
2027	\$ 12,851,903	\$ 6,557,858.68	\$ 5,912,189.33	\$ 3,869,671.31	\$ 29,191,622
2028	\$ 13,093,813	\$ 6,557,858.68	\$ 5,196,945.80	\$ 3,950,160.48	\$ 28,798,778
First 5 years	\$ 57,787,975	\$ 32,094,435	\$ 34,698,586	\$ 18,962,145	\$ 143,543,141
2029	\$ 13,340,561	\$ 6,689,015.88	\$ 5,222,875.25	\$ 4,032,323.82	\$ 29,284,776
2030	\$ 13,592,244	\$ 6,822,796.19	\$ 5,245,668.01	\$ 4,116,196.15	\$ 29,776,904
2031	\$ 13,848,960	\$ 6,959,252.10	\$ 6,110,632.05	\$ 4,201,813.03	\$ 31,120,657
2032	\$ 13,883,887	\$ 7,098,437.11	\$ 6,299,283.91	\$ 4,289,210.74	\$ 31,570,818
2033	\$ 14,347,297	\$ 7,240,405.87	\$ 9,100,800.17	\$ 4,378,426.32	\$ 35,066,930
Second 5 years	\$ 69,012,949	\$ 34,809,907	\$ 31,979,259	\$ 21,017,970	\$ 156,820,085
2034	\$ 14,316,905	\$ 7,385,214.03	\$ 9,299,072.56	\$ 4,469,497.59	\$ 35,470,690
2035	\$ 15,054,840	\$ 7,532,918.24	\$ 9,502,332.91	\$ 4,562,463.14	\$ 36,652,554
2036	\$ 15,340,680	\$ 7,683,576.60	\$ 9,710,703.45	\$ 4,657,362.38	\$ 37,392,322
2037	\$ 15,632,237	\$ 7,837,248.17	\$ 9,924,309.39	\$ 4,754,235.51	\$ 38,148,030
2038	\$ 15,929,625	\$ 7,993,993.13	\$ 10,143,278.93	\$ 4,853,123.61	\$ 38,920,021
Third 5 years	\$ 76,274,287	\$ 38,432,950	\$ 48,579,697	\$ 23,296,682	\$ 186,583,617
2039	\$ 16,232,961	\$ 8,153,872.99	\$ 10,367,743.32	\$ 4,954,068.58	\$ 39,708,646
2040	\$ 16,542,363	\$ 8,316,950.44	\$ 10,597,837.04	\$ 5,057,113.21	\$ 40,514,264
2041	\$ 16,857,954	\$ 8,483,289.43	\$ 10,833,697.74	\$ 5,162,301.16	\$ 41,337,242
2042	\$ 17,179,857	\$ 8,652,955.27	\$ 11,075,466.41	\$ 5,269,677.03	\$ 42,177,955
2043	\$ 17,508,197	\$ 8,826,014.35	\$ 11,323,287.36	\$ 5,379,286.31	\$ 43,036,785
Fourth 5 years	\$ 84,321,332	\$ 42,433,082	\$ 54,198,032	\$ 25,822,446	\$ 206,774,893
2044	\$ 17,843,104	\$ 9,002,534.66	\$ 11,577,308.47	\$ 5,491,175.47	\$ 43,914,123
Fifth 5 years	\$ 17,843,104	\$ 9,002,535	\$ 11,577,308	\$ 5,491,175	\$ 43,914,123
TOTALS	\$ 305,239,647	\$ 156,772,909	\$ 181,032,883	\$ 94,590,419	\$ 737,635,858

The fiscal constraint analysis presented for 2024-2028 is consistent with our regional TIP document (see **Figure 5-4 & 5-5**). All other potential projects mentioned in this document have not been programmed. Analysis of future fiscal constraint consists of summarizing the potential revenue for projects during future 5-year TIP evaluation cycles. The fiscal constraint analysis for 2029-2044 does not program specific projects (see **Figure 5-6**), but the unfunded highway, bridge and bike-ped (see **Figure 5-6**), and transit project (see **Figure 5-7**) lists could be considered for programming in these years. A list of unprogrammed highway, bicycle and pedestrian projects can be found on **Figure 5-8**.

Unfunded and Unprogrammed Highway and Transit projects

The unfunded project list is a pool of potential projects awaiting a funding source. Projects in the unfunded project list in **Figure 5-6** can be programmed into the TIP in years 2029-2044. Unfunded projects have been reviewed and given a six-digit project number by the MassDOT Project Review Committee (PRC). The unprogrammed list includes projects that may require additional funding beyond the yearly targets for the region, as well as projects at the conceptual stage that have not been thoroughly developed. Projects may or may not yet have been reviewed and given a project number by MassDOT. This list also contains many "regionally significant" projects with a cost beyond \$10 million.

Figure 5-2: Estimated Statewide Bridge Funding, FY 2024 - 2044

	Statewide Bridge Program (funding available to ALL MPOs)	
2024	\$	183,898,219
2025	\$	176,617,938
2026	\$	183,898,219
2027	\$	255,592,933
2028	\$	282,726,401
First 5 years	\$	1,082,733,710
2029	\$	288,380,929
2030	\$	294,148,548
2031	\$	300,031,519
2032	\$	306,032,149
2033	\$	312,152,792
Second 5 years	\$	1,500,745,936
2034	\$	318,395,848
2035	\$	324,763,765
2036	\$	331,259,040
2037	\$	337,884,221
2038	\$	344,641,905
Third 5 years	\$	1,656,944,778
2039	\$	351,534,743
2040	\$	358,565,438
2041	\$	365,736,747
2042	\$	373,051,482
2043	\$	380,512,512
Fourth 5 years	\$	1,829,400,922
2044	\$	388,122,762
Fifth 5 years	\$	388,122,762
TOTALS	\$	6,457,948,108

Figure 5-3: Estimated Transit Funding for Berkshire MPO, FY 2024 - 2044

	Statewide revenue targeted to BRTA	FTA Section 5307 Operating Assistance*	FTA Section 5311 Rural Transportation Assistance	Total Funding Stream Targeted to BRTA
2024	\$ 2,033,913	\$ 2,994,667	\$ 314,999	\$ 5,343,579
2025	\$ 2,076,219	\$ 3,056,956	\$ 321,583	\$ 5,454,758
2026	\$ 2,119,404	\$ 3,120,541	\$ 328,304	\$ 5,568,249
2027	\$ 2,163,488	\$ 3,185,448	\$ 335,165	\$ 5,684,101
2028	\$ 2,208,488	\$ 3,251,705	\$ 342,170	\$ 5,802,363
First 5 years	\$ 10,601,512	\$ 15,609,316	\$ 1,642,221	\$ 27,853,049
2029	\$ 2,254,425	\$ 3,319,341	\$ 349,322	\$ 5,923,088
2030	\$ 2,301,317	\$ 3,388,383	\$ 356,622	\$ 6,046,322
2031	\$ 2,349,184	\$ 3,458,861	\$ 364,076	\$ 6,172,121
2032	\$ 2,398,047	\$ 3,530,806	\$ 371,685	\$ 6,300,538
2033	\$ 2,447,927	\$ 3,604,246	\$ 379,453	\$ 6,431,626
Second 5 years	\$ 11,750,900	\$ 17,301,637	\$ 1,821,158	\$ 30,873,695
2034	\$ 2,498,843	\$ 3,679,215	\$ 387,384	\$ 6,565,442
2035	\$ 2,550,819	\$ 3,755,742	\$ 395,480	\$ 6,702,041
2036	\$ 2,603,876	\$ 3,833,862	\$ 403,746	\$ 6,841,484
2037	\$ 2,658,037	\$ 3,913,606	\$ 413,184	\$ 6,984,827
2038	\$ 2,713,324	\$ 3,995,009	\$ 420,799	\$ 7,129,132
Third 5 years	\$ 13,024,899	\$ 19,177,434	\$ 2,020,593	\$ 34,222,926
2039	\$ 2,769,761	\$ 4,078,105	\$ 429,593	\$ 7,277,459
2040	\$ 2,827,372	\$ 4,162,930	\$ 438,572	\$ 7,428,874
2041	\$ 2,886,181	\$ 4,249,519	\$ 447,738	\$ 7,583,438
2042	\$ 2,946,214	\$ 4,337,909	\$ 457,096	\$ 7,741,219
2043	\$ 3,007,495	\$ 4,428,137	\$ 466,649	\$ 7,902,282
Fourth 5 years	\$ 14,437,023	\$ 21,256,600	\$ 2,239,648	\$ 37,933,272
2044	\$ 3,070,051	\$ 4,520,243	\$ 476,402	\$ 8,066,696
Fifth 5 years	\$ 3,070,051	\$ 4,520,243	\$ 476,402	\$ 8,066,696
TOTALS	\$ 52,884,385	\$ 77,865,230	\$ 8,200,022	\$ 138,949,638

*Based on a 2.08% year-over-year growth rate originating from the FFY23 apportionment of \$2,933,647 per FTA

Figure 5-3 (continued): Estimated Transit Funding for Berkshire MPO, FY 2024 - 2044

	Section 5310 (shared by all rural RTAs)	Section 5339 (shared statewide)	Total Shared Funding Available for eligible RTAs
2024	\$ 932,770	\$ 621,008	\$ 1,553,778
2025	\$ 952,172	\$ 633,925	\$ 1,586,097
2026	\$ 971,977	\$ 647,110	\$ 1,619,087
2027	\$ 992,194	\$ 660,570	\$ 1,652,764
2028	\$ 1,012,832	\$ 674,310	\$ 1,687,142
First 5 years	\$ 4,861,945	\$ 3,236,923	\$ 8,098,869
2029	\$ 1,033,899	\$ 688,336	\$ 1,722,235
2030	\$ 1,055,404	\$ 702,653	\$ 1,758,057
2031	\$ 1,077,356	\$ 717,268	\$ 1,794,625
2032	\$ 1,099,765	\$ 732,188	\$ 1,831,953
2033	\$ 1,122,640	\$ 747,417	\$ 1,870,057
Second 5 years	\$ 5,389,064	\$ 3,587,862	\$ 8,976,926
2034	\$ 1,145,991	\$ 762,963	\$ 1,908,955
2035	\$ 1,169,828	\$ 778,833	\$ 1,948,661
2036	\$ 1,194,160	\$ 795,033	\$ 1,989,193
2037	\$ 1,218,999	\$ 811,569	\$ 2,030,568
2038	\$ 1,244,354	\$ 828,450	\$ 2,072,804
Third 5 years	\$ 5,973,332	\$ 3,976,848	\$ 9,950,181
2039	\$ 1,270,237	\$ 845,682	\$ 2,115,918
2040	\$ 1,296,658	\$ 863,272	\$ 2,159,929
2041	\$ 1,323,628	\$ 881,228	\$ 2,204,856
2042	\$ 1,351,159	\$ 899,558	\$ 2,250,717
2043	\$ 1,379,264	\$ 918,268	\$ 2,297,532
Fourth 5 years	\$ 6,620,945	\$ 4,408,007	\$ 11,028,953
2044	\$ 1,407,952	\$ 937,368	\$ 2,345,321
Fifth 5 years	\$ 1,407,952	\$ 937,368	\$ 2,345,321
TOTALS	\$ 24,253,240	\$ 16,147,009	\$ 40,400,249

Figure 5-4: Bridge, Highway and Bike-Ped Fiscal Constraint, 2024 - 2028

Note: This table is a listing of projects programmed in our FFY 2024-2028 TIP. No specific projects have been programmed for RTP years 2029-2044.

2024						
TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Section 1A / Regionally Prioritized Projects						
Roadway Reconstruction	604003	Pittsfield	PITTSFIELD- RECONSTRUCTION OF EAST STREET (ROUTE 9)	PM2	STBG	\$ 10,423,280
Section 2A / State Prioritized Reliability Projects						
Bridge on-system non-NHS	607597	Lee	LEE- BRIDGE REPLACEMENT, L-05-004, MEADOW STREET OVER POWDER MILL BROOK	PM2	NGBP	\$ 1,943,969
Bridge off-system	608857	Cheshire	CHESHIRE- BRIDGE REPLACEMENT, C-10-002, SAND MILL ROAD OVER DRY BROOK	PM2	STBG-BR-Off	\$ 2,405,358
Bridge off-system	609070	Alford	ALFORD- BRIDGE REPLACEMENT, A-06-004, WEST ROAD OVER SCRIBNER BROOK	PM2	STBG-BR-Off	\$ 3,050,913
Bridge off-system	609078	New Marlborough	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-020, KEYES HILL ROAD OVER UMPACHENE RIVER	PM2	STBG-BR-Off	\$ 1,770,360
Section 3B / Non-Federal Aid Funded						
Bridge on-system non-NHS	607597	Lee	LEE- BRIDGE REPLACEMENT, L-05-004, MEADOW STREET OVER POWDER MILL BROOK	PM2	NGBP	\$ 1,943,969
2025						
TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Section 1A / Regionally Prioritized Projects						
Roadway Reconstruction	609277	North Adams	NORTH ADAMS- RECONSTRUCTION OF ASHLAND STREET	PM2	STBG	\$ 9,387,949
Safety Improvements	612691	Williamstown	WILLIAMSTOWN- ROUTE 7 ACCESS IMPROVEMENTS AT MOUNT GREYLOCK REGIONAL SCHOOL	PM1	STBG	\$ 520,000
Section 2A / State Prioritized Reliability Projects						
Bridge on-system non-NHS	607677	Lee	LEE- BRIDGE REPLACEMENT, L-05-013, MILL STREET OVER WASHINGTON MOUNTAIN BROOK	PM2	NGBP	\$ 5,285,176
Bridge on-system non-NHS	608857	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-039, WAHCONAH STREET OVER WEST BRANCH HOUSATONIC	PM2	NGBP	\$ 5,762,273

Figure 5-4 (continued): Bridge, Highway and Bike-Ped Fiscal Constraint, 2024 - 2028

TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Bridge on-system non-NHS	609070	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-040, PONTOOSUC AVE OVER WEST BRANCH HOUSATONIC	PM2	NGBP	\$ 2,779,341
Bridge on-system non-NHS	609078	Great Barrington	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-002, DIVISION STREET OVER HOUSATONIC RIVER	PM2	NGBP	\$ 15,660,107
Bridge Off-system	608859	Tyringham	TYRINGHAM- BRIDGE REPLACEMENT, T-10-003, JERUSALEM ROAD OVER HOP BROOK	PM2	STBG-BR-OFF	\$ 2,710,916
Bridge Off-system	609074	Monterey	MONTEREY- BRIDGE REPLACEMENT, M-29-001, CURTIS ROAD OVER KONKAPOT RIVER	PM2	STBG-BR-OFF	\$ 1,156,318
Bridge Off-system	609076	Great Barrington	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-006, COTTAGE STREET OVER HOUSATONIC RIVER	PM2	STBG-BR-OFF	\$ 4,368,011
Bridge Off-system	609428	Lanesborough	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-010, BRIDGE STREET OVER TOWN BROOK	PM2	STBG-BR-OFF	\$ 2,763,968
Bridge Off-system	610777	Adams	ADAMS- BRIDGE REPLACEMENT, A-04-038, QUALITY STREET OVER HOOSIC RIVER	PM2	STBG-BR-OFF	\$ 4,675,444
Bridge On-System NHS	609430	Great Barrington	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-014, STATE ROAD (ROUTES 7/23) OVER THE HOUSATONIC RIVER	PM2	NGBP	\$ 11,252,218
Bridge On-System NHS	612177	Lanesborough	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-015, US 7 WILLMSTOWN ROAD OVER WATER BRODIE MOUNTAIN BROOK	PM2	NGBP	\$ 2,072,728
Non-Interstate Pavement	610728	Multiple	LEE- BECKET- RESURFACING AND RELATED WORK ON ROUTE 20	PM2	NHPP	\$ 6,065,291
Section 3B / Non-Federal Aid Funded						
Bridge On-system non-NHS	607677	Lee	LEE- BRIDGE REPLACEMENT, L-05-004, MEADOW STREET OVER POWDER MILL BROOK	PM2	NGBP	\$ 5,285,176.00
Bridge On-system non-NHS	612162	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-039, WAHCONAH STREET OVER WEST BRANCH HOUSATONIC	PM2	NGBP	\$ 5,762,273.00
Bridge On-system non-NHS	612168	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-040, PONTOOSUC AVE OVER WEST BRANCH HOUSATONIC	PM2	NGBP	\$ 2,779,341.00

Figure 5-4 (continued): Bridge, Highway and Bike-Ped Fiscal Constraint, 2024 - 2028

TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Bridge On-system non-NHS	612183	Great Barrington	GREAT BARRINGTON-BRIDGE REPLACEMENT, G-11-002, DIVISION STREET OVER HOUSATONIC RIVER	PM2	NGBP	\$ 15,660,107.00
Bridge On-system NHS	609430	Great Barrington	GREAT BARRINGTON-BRIDGE REPLACEMENT, G-11-014, STATE ROAD (ROUTES 7/23) OVER THE HOUSATONIC RIVER	PM2	NGBP	\$ 11,252,218.00
Bridge On-system NHS	612177	Lanesborough	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-015, US 7 WILLMSTOWN ROAD OVER WATER BRODIE MOUNTAIN BROOK	PM2	NGBP	\$ 2,072,728.00
2026						
TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Section 1A / Regionally Prioritized Projects						
Roadway Reconstruction	608547	Egremont	EGREMONT- RECONSTRUCTION OF MOUNT WASHINGTON ROAD (PHASE I)	PM2	STBG	\$ 10,379,256
Section 2A / State Prioritized Reliability Projects						
Bridge Off-system	609068	Sheffield	SHEFFIELD- BRIDGE REPLACEMENT, S-10-015, KELSEY ROAD OVER SCHENOB BROOK	PM2	STBG-BR-Off	\$ 1,680,912
Bridge Off-system	609069	Becket	BECKET- BRIDGE REPLACEMENT, B-03-045, QUARRY ROAD OVER CUSHMAN BROOK	PM2	STBG-BR-Off	\$ 2,374,920
Bridge On-system NHS	612498	Pittsfield	PITTSFIELD- BRIDGE REPLACEMENT, P-10-003 & P-10-032, SOUTH STREET OVER HOUSATONIC RR & HOUSATONIC RIVER	PM2	NHPP-PEN	\$ 7,997,694

Figure 5-4 (continued): Bridge, Highway and Bike-Ped Fiscal Constraint, 2024 - 2028

2027						
TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Section 1A / Regionally Prioritized Projects						
Roadway Reconstruction	608547	Egremont	EGREMONT- RECONSTRUCTION OF MOUNT WASHINGTON ROAD (PHASE I)	PM2	STBG	\$ 3,555,839
Roadway Reconstruction	608768	Pittsfield	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, INCLUDING CONSTRUCTION OF SHARED-USE PATH	PM1 / PM2	HSIP	\$ 434,275
Roadway Reconstruction	608768	Pittsfield	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, INCLUDING CONSTRUCTION OF SHARED-USE PATH	PM1 / PM2	STBG	\$ 8,696,004
Section 2A / State Prioritized Reliability Projects						
Non-Interstate Pavement	609256	Lanesborough	LANESBOROUGH- RESURFACING AND SIDEWALK CONSTRUCTION ON ROUTE 7	PM2	NHPP	\$ 3,808,000
Non-Interstate Pavement	609394	Multiple	ADAMS- CHESHIRE- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 8	PM2	NHPP	\$ 10,038,336
Bridge on-system non-NHS	611942	Sheffield	SHEFFIELD- SUPERSTRUCTURE REPLACEMENT, S-10-024, COUNTY ROAD OVER IRONWORKS BROOK	PM2	NGBP	\$ 2,059,164
Section 2B / State Prioritized Modernization Projects						
Intersection Improvements	611970	Lee	LEE- INTERSECTION IMPROVEMENTS AT PARK STREET AND MAIN STREET (ROUTE 20)	PM1 / PM2	NHPP	\$ 4,346,580
Intersection Improvements	613053	Lenox	LENOX- INTERSECTION IMPROVEMENTS ON ROUTE 20 AT PLUNKETT STREET AND BLANTYRE ROAD	PM1	HSIP	\$ 1,730,008
Section 3B / Non-Federal Aid Funded						
Bridge on-system non-NHS	611942	Sheffield	SHEFFIELD- SUPERSTRUCTURE REPLACEMENT, S-10-024, COUNTY ROAD OVER IRONWORKS BROOK	PM2	NGBP	\$ 2,059,164

Figure 5-4 (continued): Bridge, Highway and Bike-Ped Fiscal Constraint, 2024 - 2028

2028						
TIP Program	MassDOT Project ID	Municipality	MassDOT Project Description	Related Perf. Measure	Funding Source	Total Programmed Funds
Section 1A / Regionally Prioritized Projects						
Roadway Reconstruction	608737	Dalton	DALTON- RECONSTRUCTION OF DALTON DIVISION ROAD	PM2	STBG	\$ 7,293,798
Roadway Reconstruction	609292	Pittsfield	PITTSFIELD- RECONSTRUCTION OF EAST STREET (ROUTE 9) FROM ELM STREET TO LYMAN STREET	PM2	STBG	\$ 5,800,000
Section 1B / Earmark or Discretionary Grant Funded Projects						
Bridge off-system Local NB	613136	Savoy	SAVOY- BRIDGE SUPERSTRUCTURE REPLACEMENT, S-06-011, BLACK BROOK RD OVER BLACK BROOK	PM2	BROFF	\$ 2,301,916
Bridge off-system Local NB	613137	Washington	WASHINGTON- BRIDGE REPLACEMENT, W-09-012, LOWER VALLEY RD OVER DEPOT BROOK	PM2	BROFF	\$ 2,993,496
Section 2C / State Prioritized Expansion Projects						
Bicycle and Pedestrian	606890	Multiple	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	PM1	CMAQ	\$ 9,535,200
Bicycle and Pedestrian	607570	Lee	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	PM1	CMAQ	\$ 7,165,739
Total of Recommended Highway, Bridge, and Bike/Ped projects:						\$233,059,733
Total Estimated Revenue:						\$233,059,733
Difference:						\$0

Figure 5-5: Transit Fiscal Constraint 2024 - 2028

Note: This table is a listing of transit projects programmed in our FFY 2024-2028 TIP. No specific projects have been programmed for RTP years 2029-2044.

2024					
Program	MassDOT Project ID	MassDOT Project Description	FTA Line Item	Funding Source	Total Programmed Funds
Berkshire Regional Transit Authority (BRTA)					
RTA Vehicle Replacement	RTD0010568	BRTA - BUY REPLACEMENT <30 FT BUS (1) FIXED ROUTE- (5339 D)	11.12.04	RTACAP	\$ 26,481
RTA Facility & Vehicle Maintenance	RTD0010569	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	5307	\$ 160,000
RTA Facility & Vehicle Maintenance	RTD0010569	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	RTACAP	\$ 40,000
RTA Fleet Upgrades	RTD0010570	BRTA - ACQUIRE - MISC SUPPORT EQUIPMENT- Purchase Electric Chargers for vehicles	11.42.03	5307	\$ 80,000
RTA Fleet Upgrades	RTD0010570	BRTA - ACQUIRE - MISC SUPPORT EQUIPMENT- Purchase Electric Chargers for vehicles	11.42.03	RTACAP	\$ 20,000
RTA Vehicle Replacement	RTD0011279	BRTA - BUY (3) REPLACEMENT 35-FT BUS (5339 D)	11.12.02	RTACAP	\$ 487,851
RTA Facility & Vehicle Maintenance	RTD0011283	BRTA - HVAC (5339 D)	11.44.01	RTACAP	\$ 100,000
RTA Facility & Vehicle Maintenance	T00054	BRTA-Preventative Maintenance-supporting FCA (5339 SU)	11.44.03	5339	\$ 484,191
RTA Facility & Vehicle Maintenance	T00054	BRTA-Preventative Maintenance-supporting FCA (5339 SU)	11.44.03	RTACAP	\$ 121,048
RTA Facility & Vehicle Maintenance	T00066	BRTA-Passenger Amenities	11.92.02	5307	\$ 80,000
RTA Facility & Vehicle Maintenance	T00066	BRTA-Passenger Amenities	11.92.02	RTACAP	\$ 20,000
RTA Facility & Vehicle Maintenance	T00067	BRTA-Replacement of 2 support trucks	11.42.11	5307	\$ 120,000
RTA Facility & Vehicle Maintenance	T00067	BRTA-Replacement of 2 support trucks	11.42.11	RTACAP	\$ 30,000
TOTAL					\$ 1,769,571

Figure 5-5 (continued): Transit Fiscal Constraint 2024 - 2028

2025					
Program	MassDOT Project ID	MassDOT Project Description	FTA Line Item	Funding Source	Total Programmed Funds
Berkshire Regional Transit Authority (BRTA)					
RTA Facility & Vehicle Maintenance	RTD0010571	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	5307	\$ 160,000
RTA Facility & Vehicle Maintenance	RTD0010571	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	RTACAP	\$ 40,000
RTA Fleet Upgrades	RTD0011281	BRTA - BUY replacement- Support Vehicles-electric	11.42.11	5307	\$ 80,000
RTA Fleet Upgrades	RTD0011281	BRTA - BUY replacement- Support Vehicles-electric	11.42.11	RTACAP	\$ 20,000
RTA Vehicle Replacement	RTD0011289	BRTA - BUY REPLACEMENT <30 FT BUS (3)	11.12.04	5307	\$ 360,000
RTA Vehicle Replacement	RTD0011289	BRTA - BUY REPLACEMENT <30 FT BUS (3)	11.12.04	RTACAP	\$ 90,000
RTA Facility & Vehicle Maintenance	T00064	BRTA-ITS Software Replacement	11.42.03	5307	\$ 400,000
RTA Facility & Vehicle Maintenance	T00064	BRTA-ITS Software Replacement	11.42.03	RTACAP	\$ 100,000
RTA Facility & Vehicle Maintenance	T00065	BRTA-Passenger Amenities	11.92.02	5307	\$ 80,000
RTA Facility & Vehicle Maintenance	T00065	BRTA-Passenger Amenities	11.92.02	RTACAP	\$ 20,000
TOTAL					\$ 1,350,000
2026					
Program	MassDOT Project ID	MassDOT Project Description	FTA Line Item	Funding Source	Total Programmed Funds
Berkshire Regional Transit Authority (BRTA)					
RTA Facility & Vehicle Maintenance	RTD0010573	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	5307	\$ 160,000
RTA Facility & Vehicle Maintenance	RTD0010573	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	RTACAP	\$ 40,000
RTA Vehicle Replacement	T00062	BRTA-Replacement (3) cutaways	11.12.04	5307	\$ 360,000
RTA Vehicle Replacement	T00062	BRTA-Replacement (3) cutaways	11.12.04	RTACAP	\$ 90,000

Figure 5.5 (continued): Transit Fiscal Constraint 2024 - 2028

Program	MassDOT Project ID	MassDOT Project Description	FTA Line Item	Funding Source	Total Programmed Funds
RTA Facility & Vehicle Maintenance	T00063	BRTA-Passenger Amenities	11.92.08	5307	\$ 80,000
RTA Facility & Vehicle Maintenance	T00063	BRTA-Passenger Amenities	11.92.08	RTACAP	\$ 20,000
TOTAL					\$ 750,000
2027					
Program	MassDOT Project ID	MassDOT Project Description	FTA Line Item	Funding Source	Total Programmed Funds
Berkshire Regional Transit Authority (BRTA)					
RTA Facility & Vehicle Maintenance	RTD0011285	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	5307	\$ 160,000
RTA Facility & Vehicle Maintenance	RTD0011285	BRTA - PREVENTIVE MAINTENANCE	11.7A.00	RTACAP	\$ 40,000
RTA Facility & Vehicle Maintenance	RTD0011286	BRTA - PREVENTIVE MAINTENANCE-ITC concrete	11.7A.00	5307	\$ 120,000
RTA Facility & Vehicle Maintenance	RTD0011286	BRTA - PREVENTIVE MAINTENANCE-ITC concrete	11.7A.00	RTACAP	\$ 30,000
RTA Vehicle Replacement	RTD0011287	BRTA - BUY REPLACEMENT <30 FT BUS (2)	11.12.04	5307	\$ 240,000
RTA Vehicle Replacement	RTD0011287	BRTA - BUY REPLACEMENT <30 FT BUS (2)	11.12.04	RTACAP	\$ 60,000
RTA Facility & Vehicle Maintenance	T00060	BRTA-Preventative Maintenance-support FCA (5339 SU)	11.7A.00	OF	\$ 484,191
RTA Facility & Vehicle Maintenance	T00060	BRTA-Preventative Maintenance-support FCA (5339 SU)	11.7A.00	RTACAP	\$ 121,048
RTA Facility & Vehicle Maintenance	T00061	BRTA-Passenger Amenities	11.92.02	5307	\$ 80,000
RTA Facility & Vehicle Maintenance	T00061	BRTA-Passenger Amenities	11.92.02	RTACAP	\$ 20,000
TOTAL					\$ 1,355,239

Figure 5.5 (continued): Transit Fiscal Constraint 2024 - 2028

2028					
Program	MassDOT Project ID	MassDOT Project Description	FTA Line Item	Funding Source	Total Programmed Funds
Berkshire Regional Transit Authority (BRTA)					
RTA Facility & Vehicle Maintenance	T00056	BRTA-Preventative Maintenance	11.7A.00	5307	\$ 160,000
RTA Facility & Vehicle Maintenance	T00056	BRTA-Preventative Maintenance	11.7A.00	RTACAP	\$ 40,000
RTA Facility & Vehicle Maintenance	T00057	BRTA-Passenger Amenities- Bus shelters, accessories, bus stop signs, etc.	11.92.02	5307	\$ 80,000
RTA Facility & Vehicle Maintenance	T00057	BRTA-Passenger Amenities- Bus shelters, accessories, bus stop signs, etc.	11.92.02	RTACAP	\$ 20,000
RTA Vehicle Replacement	T00059	BRTA-Buy Replacement Cutaway Buses (3)	11.12.04	5307	\$ 360,000
RTA Vehicle Replacement	T00059	BRTA-Buy Replacement Cutaway Buses (3)	11.12.04	RTACAP	\$ 90,000
TOTAL					\$ 750,000

Total of Recommended Section 5307 Projects: \$3,320,000

Total Recommended Section 5307 Investment: \$3,320,000

Difference: \$0

Total of Recommended Section 5339 Investment: \$484,191

Anticipated Contribution from Section 5339: \$484,191

Difference: \$0

Figure 5-6: Unfunded Highway Project List

Unfunded Highway Projects					
Location	Type of Work	Municipality	Project ID# (if applicable)	TIP Score	Estimated Cost
	Complete Streets				
Route 7&23	Implementation	Great Barrington	609465	5	\$ 12,700,000
Route 43	Resurfacing	Williamstown	608472	4	\$ 18,336,200
Route 7/S Main St	Reconstruction	Gt Barrington	609215	4	\$ 6,931,990
Route 7	Resurfacing	Williamstown	613093	1	\$ 5,255,000
	Bridge Replacement/Safety				
Hubbard Ave	Improvements	Pittsfield	XXX17A	TBD	\$ 15,000,000
Housatonic Bike Path	Design and Construction	Gt Barrington	XXX16D	TBD	\$ 4,500,000
Summer Street	Rehabilitation	Lanesborough	XXX14B	TBD	\$ 1,600,000
Route 7	Retaining Wall Replacement	Williamstown	613074	3	\$ 3,458,138
	Reconstruction of Mount				
Mt. Washington Rd	Wahington Rd (Phase II)	Egremont	612784	TBD	\$ 9,807,885
TOTAL: Unfunded Highway					\$ 77,589,213

Figure 5-7: Unfunded Transit Project List

Unfunded Transit Projects		
Target Year	Type of Work	Estimated Cost
2024	New parking area, new buses	\$ 1,740,000
2024	Purchase 2 trollies and 2 expansion fleet; hybrid	\$ 3,000,000
2024	Purchase 9 expansion vans; hybrid	\$ 1,800,000
2025	Satellite Facility - North County	\$ 1,150,000
2025	Electric Charging in North County	\$ 1,500,000
2025	Purchase 3 expansion FR vans; hybrid	\$ 600,000
2026	Buy vans for service expansion; hybrid	\$ 600,000
2026	Buy 35-ft bus for expansion; hybrid	\$ 1,000,000
2027	Satellite Facility - South County	\$ 1,150,000
2027	Electric Charging for South County	\$ 1,500,000
TOTAL: Unfunded Transit		\$ 14,040,000

Figure 5-8: Unprogrammed Highway Project List

Unprogrammed Highway Projects					
Location	Type of Work	Municipality	Project ID# (if applicable)	TIP Score	Estimated Cost
Route 7	Reconstruction	Pittsfield	None	TBD	\$ 6,000,000
Bucklin Road/E Road	Reconstruction	Adams	None	TBD	\$ 1,100,000
W Road	Reconstruction	Adams	None	TBD	\$ 1,100,000
Summer Street	Reconstruction	Lanesborough	None	TBD	\$ 563,000
Lanesboro Road	Reconstruction	Cheshire	None	TBD	\$ 849,000
County Road	Reconstruction	Sheffield	None	TBD	\$ 893,000
Ashuwillticook RT	Bicycle /Pedestrian Expansion	North Adams	None	TBD	\$ 10,000,000
North Adams	Adventure Trail Bicycle/Ped Expansion	North Adams	None	TBD	\$ 15,000,000
Route 7/Hous. RR	Bicycle /Pedestrian Expansion	Sheffield	None	TBD	\$ 16,000,000
Williamstown	Bicycle /Pedestrian Expansion	Williamstown	None	TBD	\$ 3,200,000
Lenox	Lenox Bikeway construction phase 1	Lenox	None	TBD	\$ 3,500,000
Lenox	Lenox Bikeway construction phase 2	Lenox	None	TBD	\$ 7,000,000
Lenox/Pittsfield	Lenox/Pittsfield bikeway connector	Multiple	None	TBD	\$ 4,000,000
Lee	Lee Bikeway phase 2	Lee	None	TBD	\$ 5,000,000
Route 7	Sidewalk expansion	Pittsfield	None	TBD	\$ 1,200,000
Route 7/20	Sidewalk expansion	Lenox	None	TBD	\$ 2,200,000
Crane Avenue	Sidewalk expansion	Pittsfield	None	TBD	\$ 213,000
East Street	Raised crossing	Pittsfield	None	TBD	\$ 100,000
Government Drive	Sidewalk expansion	Pittsfield	None	TBD	\$ 3,000,000
TOTAL: Unprogrammed Highway, Bicycle, Pedestrian					\$ 80,918,000

Figure 5-9: Fiscal Constraint Analysis, 2029 - 2044

Note: This RTP programs no projects beyond those in FFY 2024-2028, which is consistent with our FFY 2024-2028 TIP. No specific projects have been programmed for RTP years 2029-2044. This table only provides guidance for a recommended level of investment based on financial targets provided by MassDOT and infrastructure needs.

Anticipated Revenue and Investment: 2029 - 2044				
Bridge	2029-2033	2034-2038	2039-2044	Totals
Anticipated State Bridge Revenue	\$50,000,000	\$50,000,000	\$50,000,000	\$150,000,000
Subtotal	\$50,000,000	\$50,000,000	\$50,000,000	\$150,000,000
Recommended Bridge Investment	\$50,000,000	\$50,000,000	\$50,000,000	\$150,000,000
Difference	\$0	\$0	\$0	\$0
Highway	2029-2033	2034-2038	2039-2044	Totals
Highway	\$69,012,949	\$76,274,287	\$102,164,436	\$247,451,672
Non-Interstate Pavement	\$34,809,907	\$38,432,950	\$51,435,617	\$124,678,474
Remaining SW Programs	\$31,979,259	\$48,579,697	\$65,775,340	\$146,334,297
NFA Preservation	\$21,017,970	\$23,296,682	\$31,313,622	\$75,628,274
Subtotal	\$156,820,085	\$186,583,617	\$250,689,015	\$594,092,717
Recommended Highway Investment	\$156,820,085	\$186,583,617	\$250,689,015	\$594,092,717
Difference	\$0	\$0	\$0	\$0
Transit	2029-2033	2034-2038	2039-2044	Totals
Section 5307	\$17,301,637	\$19,177,434	\$25,776,843	\$62,255,914
Section 5311	\$1,821,158	\$2,020,593	\$2,716,050	\$6,557,801
Subtotal	\$19,122,795	\$21,198,027	\$28,492,893	\$68,813,715
Recommended Transit Investment	\$19,122,795	\$21,198,027	\$28,492,893	\$68,813,715
Difference	\$0	\$0	\$0	\$0

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