APPENDIX E – 201 TRANSIT PROJEC	REENHOUSE GA	AS MONITORIN	G AND EVALU	ATION

Transit Projects with GHG Emissions Analysis

2017 Regional Project Tracking

FTA Program	Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact by the Numbers Change in Summer CO ₂ Emissions (kilograms/year)*
5307 RTD0004837	BUY REPLACEMENT VAN (5)	Quantified	Quantified Decrease in Emissions from Bus Replacement	2,672.19
5307 RTD0004849	BUY REPLACEMENT <30 FT BUS (2)	Quantified	Quantified Decrease in Emissions from Bus Replacement	247.214
			Total Impact (in kilograms/year)	2,919.404

2018 Regional Project Tracking

FTA Program	Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact by the Numbers Change in Summer CO ₂ Emissions (kilograms/year)*
5307 RTD0004851	BUY REPLACEMENT VAN (8)	Quantified	Quantified Decrease in Emissions from Bus Replacement	7,681.68
			Total Impact (in kilograms/year)	7,681.68

2019 Regional Project Tracking

FTA Program	Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact by the Numbers Change in Summer CO ₂ Emissions (kilograms/year)*
5307 RTD0004836	BUY REPLACEMENT VAN (8)	Quantified	Quantified Decrease in Emissions from Bus Replacement	5,545.792
5307 RTD0004843	BUY REPLACEMENT 35-FT BUS (3)	Quantified	Quantified Decrease in Emissions from Bus Replacement	1,052.328
			Total Impact (in kilograms/year)	6,598.120

^{*}NOTE: GHG Change Numbers Reflect an Actual Reduction in Emissions

2020 Regional Project Tracking

FTA Program	Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact by the Numbers Change in Summer CO ₂ Emissions (kilograms/year)*
5307 RTD0004846	BUY REPLACEMENT VANS (5)	Quantified	Quantified Decrease in Emissions from Bus Replacement	2,116.650
5307 RTD0004844	BUY REPLACEMENT 30-FT BUS (3)	Quantified	Quantified Decrease in Emissions from Bus Replacement	1,052.328
			Total Impact (in kilograms/year)	3,168.978

2021 Regional Project Tracking

FTA Program	Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact by the Numbers Change in Summer CO ₂ Emissions (kilograms/year)*
5307 RTD0005114	BUY REPLACEMENT VAN (6)	Quantified	Quantified Decrease in Emissions from Bus Replacement	3,047.976
5307 RTD0005116	BUY REPLACEMENT TROLLEY BUS	Quantified	Quantified Decrease in Emissions from Bus Replacement	127.656
			Total Impact (in kilograms/year)	3,175.632

^{*}NOTE: GHG Change Numbers Reflect an Actual Reduction in Emissions

2017	Montachus	ett MP	O Tran	sporta	ation Improv	eme	ent Program	
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004837	BUY REPLACEMENT VAN (5)	\$295,000	Quantified	2672.19	Quantified Decrease in Emissions from Bus Replacement		5 2005 vans with 2017 vans -534.438 CO2 kg/yr per van	
RTD0004849	BUY REPLACEMENT <30 FT BUS (2)	\$182,500	Quantified	247.214	Quantified Decrease in Emissions from Bus Replacement		2 2003 buses with 2017 buses -123.607 CO2 kg/yr per bus	
RTD0004829	ACQUIRE - MISC SUPPORT EQUIPMENT	\$50,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004832	REHAB/RENOV - PARK & RIDE FACILITY	\$100,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004960	REHAB/RENOVATE - ADMIN/MAINT FACILITY	\$125,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004833	REHAB/RENOVATE - ADMIN/MAINT FACILITY	\$400,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0005100	REHAB/RENOVATE - BUS PARK & RIDE LOT	\$250,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004830	UP TO 50% FEDERAL SHARE	\$4,000,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004963	NON FIXED ROUTE ADA PARA SERV	\$300,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0005411	REHAB/RENOVATE - BUS PARK & RIDE LOT	\$132,000	Qualitative		No assumed impact/negligible impact on emissions			

2018	2018 Montachusett MPO Transportation Improvement Program										
MassDOT/ FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼			
RTD0004851	BUY REPLACEMENT VAN (8)	\$384,000	Quantified	7681.68	Quantified Decrease in Emissions from Bus Replacement		8 2006 vans with 2018 vans -960.210 CO2 kg/yr per van				
RTD0004841	ACQUIRE - BUS ROUTE SIGNING	\$750,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004842	REHAB/RENOV PED ACCESS / WALKWAYS	\$175,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004961	REHAB/RENOVATE - ADMIN/MAINT FACILITY	\$200,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004964	NON FIXED ROUTE ADA PARA SERV	\$375,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004972	PREVENTIVE MAINTENANCE	\$250,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004831	UP TO 50% FEDERAL SHARE	\$3,000,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004834	ACQUIRE - MISC SUPPORT EQUIPMENT	\$50,000	Qualitative		No assumed impact/negligible impact on emissions						

MassDOT/ FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004836	BUY REPLACEMENT VAN (8)	\$500,000	Quantified	5545.792	Quantified Decrease in Emissions from Bus Replacement		8 2007 vans with 2019 vans -693.224 CO2 kg/yr per van	
RTD0004843	BUY REPLACEMENT 35-FT BUS (3)	\$1,387,500	Quantified	1052.328	Quantified Decrease in Emissions from Bus Replacement		3 2004 buses with 2020 buses -350.776 CO2 kg/yr per bus	
RTD0004835	ACQUIRE - MISC SUPPORT EQUIPMENT	\$200,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004969	TERMINAL, INTERMODAL (TRANSIT)	\$100,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004973	PREVENTIVE MAINTENANCE	\$375,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004965	NON FIXED ROUTE ADA PARA SERV	\$400,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004840	UP TO 50% FEDERAL SHARE	\$2,560,000	Qualitative		No assumed impact/negligible impact on emissions			

MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0004846	BUY REPLACEMENT VANS (5)	\$325,000	Quantified	2116.65	Quantified Decrease in Emissions from Bus Replacement		5 2007 vans with 2020 vans -423.330 CO2 kg/yr per van	
RTD0004844	BUY REPLACEMENT 30-FT BUS (3)	\$1,000,000	Quantified	1052.328	Quantified Decrease in Emissions from Bus Replacement		3 2005 buses with 2021 buses -350.776 CO2 kg/yr per bus	
RTD0004839	PURCHASE BUS SHELTERS	\$100,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004845	UP TO 50% FEDERAL SHARE	\$2,140,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004974	PREVENTIVE MAINTENANCE	\$500,000	Qualitative		No assumed impact/negligible impact on emissions			
RTD0004966	NON FIXED ROUTE ADA PARA SERV	\$412,500	Qualitative		No assumed impact/negligible impact on emissions			
RTD0005103	ACQUIRE - MISC SUPPORT EQUIPMENT	\$60,000	Quantified		No assumed impact/negligible impact on emissions			

2021	2021 Montachusett MPO Transportation Improvement Program										
MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼			
RTD0005114	BUY REPLACEMENT VAN (6)	\$406,250	Quantified	3047.976	Quantified Decrease in Emissions from Bus Replacement		6 2008 vans with 2021 vans -507.996 CO2 kg/yr per van				
RTD0005116	BUY REPLACEMENT TROLLEY BUS	\$500,000	Quantified	127.656	Quantified Decrease in Emissions from Bus Replacement		1 1984 buses with 2022 bus 1996 Deisel Bus Emission Factor Used -127.656 CO2 kg/yr per bus				
RTD0004968	TERMINAL, INTERMODAL (TRANSIT)	\$750,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004967	NON FIXED ROUTE ADA PARA SERV	\$412,500	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004970	UP TO 50% FEDERAL SHARE	\$2,140,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0004975	PREVENTIVE MAINTENANCE	\$500,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0005108	ACQUIRE - MISC SUPPORT EQUIPMENT	\$90,000	Qualitative		No assumed impact/negligible impact on emissions						
RTD0005115	REHAB/RENOVATE - ADMIN/MAINT FACILITY	\$500,000	Qualitative		No assumed impact/negligible impact on emissions						

Mon	Montachusett MPO Completed Transit Projects GHG										
FTA Activity Line Item ▼	Transit Agency ▼	Project Description ▼	Total Cost ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr)▼	GHG Impact Description ▼	Additional Description ▼	Fiscal Year Programmed (2015 and forward) ▼			
111203	Montachusett RTA	BUY REPLACEMENT 30-FT BUS (2)	\$825,800	Quantified	849.088	Quantified Decrease in Emissions from Bus Replacement	Funding includes FFY 2015 5307 & Other Non-Federal from FFY 2016 -424.544 kg/yr per bus	2015			
111215	Montachusett RTA	BUY REPLACEMENT VAN (5)	\$302,000	Qualitative	1889.915	Qualitative Decrease in Emissions	FFY 2015 5310 Funds -377.983 kg/yr per van	2015			
111215	Montachusett RTA	BUY REPLACEMENT VANS (2)	\$115,000	Qualitative	332.626	Qualitative Decrease in Emissions	FFY 2015 5339 Funds -166.313 kg/yr per van	2015			
111215	Montachusett RTA	BUY REPLACEMENT VAN (5)	\$287,500	Qualitative	1889.915	Qualitative Decrease in Emissions	FFY 2016 FFY 5307 Funds -377.983 kg/yr per van	2016			
111215	Montachusett RTA	BUY REPLACEMENT VANS (8)	\$242,675	Qualitative	5442.96	Qualitative Decrease in Emissions	FFY 2016 Other Non-Federal Funds -680.370 kg/yr per van	2016			
111204	Montachusett RTA	BUY REPLACEMENT <30FT BUS	\$62,392	Qualitative	45.168	Quantified Decrease in Emissions from Other Improvements	FFY 2016 Other Non-Federal Funds -45.168 kg/yr per bus	2016			

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed	GHG Analysis	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
		Funds ▼	Type ▼			
	ederal Aid Target Projects					
HSIP - Highwa 0	y Safety Improvement Program No Projects Programmed	\$ -				
0	No Projects Programmed	\$ -				
		Q	uantified Impact >	0		
	stion Mitigation and Air Quality Improvement Program					
606124	FITCHBURG-LUNENBURG-LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	\$ 994,860) Quantified		Quantified Decrease in Emissions from Traffic Operational Improvement	See CMAQ figures in FFY 2018.
0	No Projects Programmed	\$ -			•	
		Q	uantified Impact ►	0		
	rtation Alternatives Program					
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	\$ 120,756	6 Quantified		Quantified Decrease in Emissions from Traffic Operational Improvement	See CMAQ figures in FFY 2018.
0	No Projects Programmed	\$ -				
		Q	uantified Impact >	. 0		
	SIP/TAP (Other)					
607252	GARDNER - RESURFACING & RELATED WORK ON MATTHEW STREET	\$ 1,770,588	B Qualitative		No assumed impact/negligible impact on emissions	
606435	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE RUTLAND T.L.	\$ 3,691,750) Qualitative		No assumed impact/negligible impact on emissions	
607321	TEMPLETON - RESURFACING & RELATED WORK ON A SECTION OF ROUTE 68 FROM THE GARDNER CITY LINE TO THE END OF STATE HIGHWAY (2.0 MILES)	\$ 1,828,965	5 Qualitative		No assumed impact/negligible impact on emissions	
608542	WINCHENDON - RESURFACING & RELATED WORK ON ROUTE 140, FROM TEEL ROAD TO 430 FT. SOUTH OF ROUTE 12 (1.1 MILES)	\$ 850,000) Qualitative		No assumed impact/negligible impact on emissions	
		Q	uantified Impact ►	• 0		
Section 1B / Fe	ederal Aid Bridge Projects					
	ystematic Maintenance Program					
STATEWIDES	ystematic maintenance Program	Q	uantified Impact ▶	- 0		
On System						
		Q	uantified Impact ▶	0		
Off-System						
608250	ROYALSTON- BRIDGE REPLACEMENT, R-12-001	\$ 862,500	Qualitative		No assumed impact/negligible impact on	
608250	(B35), STOCKWELL ROAD OVER LAWRENCE BROOK				emissions	

2017 N	Montachusett MPO T	IP GHO	3 Track	ing		
MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
►STATEWIDE B	ridge Inspection Program					
			Quantified Impact ►	0		
Section 1C / Fe	ederal Aid Non-Target Projects					
Other Federal					N/A	
0	No Projects Programmed No Projects Programmed	\$	- - Quantified Impact ►	0	N/A N/A	
Section 1D / Fe	ederal Aid Major & State Category Projects					
► Regional Majo	r Infrastructure					
			Quantified Impact ►	0		
STATEWIDE A	mericans with Disability Act Implementation Plan					
			Quantified Impact ►	0		
➤ STATEWIDE C	Congestion Mitigation and Air Quality					
			Quantified Impact ►	0		
► STATEWIDE H	ISIP Program					
CTATEMENT I	fortunation December	,	Quantified Impact ►	0		
► STATEWIDE II	nfrastructure Program					
	terstate Maintenance Program		Quantified Impact >	0		
606575	STERLING- LANCASTER- LEOMINSTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-190	\$ 16,695,30 I	00 Qualitative		No assumed impact/negligible impact on emissions	
			Quantified Impact ►	0		
►STATEWIDE IN	telligent Transportation Systems		Quantified Impact ►	0		
►STATEWIDE N	ational Freight Program		Quantineu impact >			
0	No Projects Programmed No Projects Programmed	\$	-		N/A N/A	
	No Flojects Flogrammed	•	- Quantified Impact ►	0	IWA	
► STATEWIDE N 607475	ational Highway System Preservation Program WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE	\$ 1,800,00	00 Qualitative		No assumed impact/negligible impact on emissions	
	(2.5 MILES)		O			
►STATEWIDE P	lanning Program	•	Quantified Impact ▶	0		
			Quantified Impact ►	0		
►STATEWIDE R	ailroad Grade Crossings					
			Quantified Impact ►	0		
➤ STATEWIDE S	afe Routes to Schools Program					
			Quantified Impact ►	0		
STATEWIDE S	tormwater Retrofits					
STATEWINE TO	ransportation Enhancements		Quantified Impact ►	0		
0	No Projects Programmed	\$	-		N/A	
Other STATEV	/IDE Items		Quantified Impact ►	0		
Julio, GTATEV						
			Quantified Impact ►	0		

ssDOT oject ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
Section 2A / N	on-Federal Projects					
Non Federal A	id					
0	No Projects Programmed	\$	-		N/A	
0	No Projects Programmed	\$	-		N/A	
			Quantified Impact	D 0		
Section 2B / N	on-Federal Bridge Projects					
Section 2B / N	on-Federal Bridge Projects					
0	No Projects Programmed	\$	-		N/A	
0	No Projects Programmed	\$	-		N/A	
			Quantified Impact	D 0		
2017 M	ontachusett MPO Gl	HG Tracking Տւ	ımmary	Total Quantified Impact ▼		
			Quantified Impact		•	

	MassDOT Project Description ▼	Total Programmed	GHG Analysis	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
		Funds ▼	Type ▼			
Section 1A / Fo	ederal Aid Target Projects					
HSIP - Highwa 608188	y Safety Improvement Program GARDNER- LEOMINSTER- STERLING -	\$ 728,000	Qualitative		No assumed impact/negligible impact on	Safety Related Improvement
000100	INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	Ψ 720,000	Quantative		emissions	oulety related improvement
0	No Projects Programmed	\$ -				
		Qı	uantified Impact	0		
CMAQ - Congo 606124	estion Mitigation and Air Quality Improvement Program FITCHBURG- LUNENBURG- LEOMINSTER-	n \$ 1,114,889	Quantified	8.827	Quantified Decrease in Emissions from Traffic	
	RECONSTRUCTION OF SUMMER STREET AND NORTH STREET				Operational Improvement	
0	No Projects Programmed	\$ -				
		Qı	uantified Impact	▶ 8.827		
TAP - Transpo 606124	rtation Alternatives Program FITCHBURG- LUNENBURG- LEOMINSTER-	\$ 85,141	Quantified		Quantified Decrease in Emissions from Traffic	See CMAQ above.
	RECONSTRUCTION OF SUMMER STREET AND NORTH STREET				Operational Improvement	
0	No Projects Programmed	\$ -				
		Qı	uantified Impact	• 0		
Non CMAC/US	SIP/TAP (Other)					
606124	FITCHBURG- LUNENBURG- LEOMINSTER-	\$ 7,623,485	Quantified		Quantified Decrease in Emissions from Traffic	See CMAQ above.
	RECONSTRUCTION OF SUMMER STREET AND NORTH STREET				Operational Improvement	
0	No Projects Programmed	\$ -				
		Qı	uantified Impact I	0		
		Qı	dantilled impact i	0		
		Qi	aantilled Impact I	0		
		Qı	anuneo impacti	•		
		Qi	aanuned Impact I	0		
		Qi	aanuned Impact I	0		
		Qt	ammed Impact I	0		
Section 1B / F	ederal Aid Bridge Projects	Qt	antineu impact i	0		
		Qt	antineu impact i	0		
	ederal Aid Bridge Projects ystematic Maintenance Program	Q	antineu impact i	0		
			antified Impact I			
STATEWIDE S						
STATEWIDE S					No assumed impact/negligible impact on	
STATEWIDE S On System 603513	ystematic Maintenance Program GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE 8&M RAILROAD	Qu \$ 4,404,240	uantified Impact I		No assumed impact/negligible impact on emissions	
STATEWIDE S	ystematic Maintenance Program GARDNER- BRIDGE REPLACEMENT, G-01-008,	Qu	uantified Impact I			
STATEWIDE S On System 603513	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003,	Qu \$ 4,404,240 \$ 4,738,140	uantified Impact I	0	emissions No assumed impact/negligible impact on	
On System 603513 605094	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003,	Qu \$ 4,404,240 \$ 4,738,140	uantified Impact II Qualitative Qualitative	0	emissions No assumed impact/negligible impact on	
STATEWIDE S On System 603513	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	Qu \$ 4,404,240 \$ 4,738,140	uantified Impact II Qualitative Qualitative	0	emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on	
On System 603513 605094 Off-System 607127	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	Qu \$ 4,404,240 \$ 4,738,140 Qu \$ 1,662,806	uantified Impact I Qualitative Qualitative uantified Impact I	0	emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on emissions	
STATEWIDE S On System 603513 605094 Off-System	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RALROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE	Qu \$ 4,404,240 \$ 4,738,140	uantified Impact I Qualitative Qualitative uantified Impact I	0	emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on	
On System 603513 605094 Off-System 607127	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK ROYALSTON- BRIDGE REPLACEMENT, R-12-009,	Qu \$ 4,404,240 \$ 4,738,140 Qu \$ 1,662,806 \$ 1,790,755	uantified Impact I Qualitative Qualitative uantified Impact I	- 0	emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on emissions	
On System	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RALROAD FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE	Qu \$ 4,404,240 \$ 4,738,140 Qu \$ 1,662,806 \$ 1,790,755	uantified Impact I Qualitative Qualitative uantified Impact I Qualitative Qualitative	- 0	emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on emissions No assumed impact/negligible impact on emissions	

MassDOT		TIP GHO	J II ao	9		
Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
Section 1C / F	ederal Aid Non-Target Projects					
Other Federal	Aid					
0	No Projects Programmed	\$	-		N/A	
0	No Projects Programmed	\$	-		N/A	
			Quantified Impact	0		
Section 1D / F	ederal Aid Major & State Category Projects					
	r Infrastructure					
0	No Projects Programmed		-		N/A	
0	No Projects Programmed	\$	-		N/A	
			Quantified Impact	• 0		
STATEWIDE A	mericans with Disability Act Implementation Plan No Projects Programmed	\$	-		N/A	
0	No Projects Programmed	\$	-		N/A	
			Quantified Impact	> 0		
STATEWIDE	Congestion Mitigation and Air Quality		Quantinou impuot	- · · · · · · · · · · · · · · · · · · ·		
			Quantified Impact	• 0		
STATEWIDE	HSIP Program					
			Quantified Impact	> 0		
STATEWIDE	nfrastructure Program		Quantified Impact	0		
STATEWIDE	nfrastructure Program		Quantified Impact	0		
· STATEWIDE I	nfrastructure Program		Quantified Impact Quantified Impact			
	nfrastructure Program		•			
		į	Quantified Impact	0		
		į	•	0		
STATEWIDE II		į	Quantified Impact	0		
·STATEWIDE I	nterstate Maintenance Program		Quantified Impact Quantified Impact	0		
STATEWIDE II	nterstate Maintenance Program ntelligent Transportation Systems		Quantified Impact	0		
STATEWIDE II	nterstate Maintenance Program ntelligent Transportation Systems lational Freight Program		Quantified Impact Quantified Impact Quantified Impact	0	NA NA	
STATEWIDE II STATEWIDE II STATEWIDE II 0	nterstate Maintenance Program Intelligent Transportation Systems Intelligent Freight Program No Projects Programmed	\$	Quantified Impact Quantified Impact Quantified Impact	0	N/A	
STATEWIDE II	nterstate Maintenance Program ntelligent Transportation Systems lational Freight Program	\$ \$ \$	Quantified Impact Quantified Impact Quantified Impact	0	N/A N/A	
STATEWIDE II	nterstate Maintenance Program Intelligent Transportation Systems Intelligent Freight Program No Projects Programmed	\$ \$ \$	Quantified Impact Quantified Impact Quantified Impact	0		
STATEWIDE II STATEWIDE II STATEWIDE N 0	nterstate Maintenance Program Intelligent Transportation Systems Intelligent Freight Program No Projects Programmed	\$ \$ \$	Quantified Impact Quantified Impact Quantified Impact	0		
STATEWIDE II STATEWIDE II STATEWIDE N 0	nterstate Maintenance Program Intelligent Transportation Systems Iational Freight Program No Projects Programmed No Projects Programmed	\$ \$	Quantified Impact Quantified Impact Quantified Impact			
STATEWIDE II STATEWIDE II O O STATEWIDE N	nterstate Maintenance Program Intelligent Transportation Systems	\$ \$	Quantified Impact Quantified Impact Quantified Impact	> 0 - 0		
STATEWIDE II STATEWIDE II STATEWIDE II 0 0 STATEWIDE II	nterstate Maintenance Program Intelligent Transportation Systems Iational Freight Program No Projects Programmed No Projects Programmed	\$ \$	Quantified Impact Quantified Impact Quantified Impact			
STATEWIDE II STATEWIDE II STATEWIDE II O O STATEWIDE II	nterstate Maintenance Program Intelligent Transportation Systems	\$ \$	Quantified Impact Quantified Impact Quantified Impact) O O		
STATEWIDE II STATEWIDE II O O STATEWIDE II O STATEWIDE II	Interstate Maintenance Program Intelligent Transportation Systems Intelligent Transportation Systems	\$ \$	Quantified Impact Quantified Impact Quantified Impact Quantified Impact) O O		
STATEWIDE II STATEWIDE II O O STATEWIDE II O STATEWIDE II	nterstate Maintenance Program Intelligent Transportation Systems	\$ \$	Quantified Impact Quantified Impact Quantified Impact Quantified Impact) O O		
STATEWIDE II STATEWIDE II O O STATEWIDE II O STATEWIDE II	Interstate Maintenance Program Intelligent Transportation Systems Intelligent Transportation Systems	\$ \$	Quantified Impact Quantified Impact Quantified Impact Quantified Impact			
STATEWIDE II STATEWIDE II O O STATEWIDE II STATEWIDE II STATEWIDE II	Interstate Maintenance Program Intelligent Transportation Systems Intelligent Transpor	\$ \$	Quantified Impact Quantified Impact Quantified Impact Quantified Impact			
STATEWIDE II STATEWIDE II O STATEWIDE II STATEWIDE II STATEWIDE II STATEWIDE II	Interstate Maintenance Program Intelligent Transportation Systems Intelligent Transportation Systems	\$ \$	Quantified Impact Quantified Impact Quantified Impact Quantified Impact			

roject ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Tyne ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
STATEWIDE S	itormwater Retrofits					
			uantified Impact	• 0		
		<u> </u>	dantined impact	• 0		
	ransportation Enhancements					
0	No Projects Programmed	\$ -			N/A	
		Q	uantified Impact	• 0		
Other STATE\	MIDE Items					
					*	
		Q	uantified Impact	0		
		`\$ -	luantified Impact	U	N/A	
Non Federal A	id No Projects Programmed	\$ - \$ -	luantified Impact	V	N/A N/A	
Non Federal A	id	;\$ - 	Quantified Impact		N/A N/A	
Non Federal A 0 0	No Projects Programmed No Projects Programmed	;\$ - 	·		NA NA	
Non Federal A 0 0 0 Section 2B / N	id No Projects Programmed No Projects Programmed	;\$ - 	·		N/A N/A	
Non Federal A 0 0 Section 2B / N	id No Projects Programmed No Projects Programmed on-Federal Bridge Projects	;\$ - 	·		N/A N/A	
Non Federal A 0 0 Section 2B / N	id No Projects Programmed No Projects Programmed on-Federal Bridge Projects on-Federal Bridge Projects	\$ - \$ -	·		NA	
Non Federal A 0 0 0 Section 2B / N 0	No Projects Programmed No Projects Programmed No-Federal Bridge Projects No Projects Programmed	\$ - \$ - \$ - \$ -	·	o	N/A	

assDOT roject ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Tyne ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
Section 1A / Fe	ederal Aid Target Projects					
HSIP - Highwa	y Safety Improvement Program					
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	\$ 445,95	5 Quantified	138,448	Quantified Decrease in Emissions from Traffic Operational Improvement	
0	No Projects Programmed	\$ -				
		C	Quantified Impact	138,448		
OM 40 O	No. 1					
605651	estion Mitigation and Air Quality Improvement Program LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET		9 Quantified		* Quantified Decrease in Emissions from Traffic Operational Improvement	See HSIP Above.
0	No Projects Programmed	\$ -				
•						
	ortation Alternatives Program LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET		Quantified Impact Quantified Impact	0	Quantified Decrease in Emissions from Traffic	See HSIP Above.
TAP - Transpo				0	Quantified Decrease in Emissions from Traffic Operational Improvement	See HSIP Above.
TAP - Transpo	LEOMINSTER- RECONSTRUCTION ON ROUTE 13,	\$ 85,11				See HSIP Above.
TAP - Transpo 605651 Non-CMAQ/HS	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET SIP/TAP (Other)	\$ 85,11	3 Quantified Quantified Impact ▶		Operational Improvement	
TAP - Transpo 605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	\$ 85,11	3 Quantified Quantified Impact ▶			
TAP - Transpo 605651 Non-CMAQ/HS	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET SIPITAP (Other) LEOMINSTER- RECONSTRUCTION ON ROUTE 13,	\$ 85,11	3 Quantified Quantified Impact ▶ 7 Quantified		Operational Improvement ** Ouantified Decrease in Emissions from Traffic	
TAP - Transpo 605651 Non-CMAQ/HS 605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET SIP/TAP (Other) LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET LUNENBURG- RESURFACING & RELATED WORK ON ROUTE 13 (CHASE ROAD), FROM NORTHFIELD	\$ 85,11 (\$ 2,464,98 \$ 1,765,06	3 Quantified Quantified Impact 7 Quantified 3 Qualitative		Operational Improvement Quantified Decrease in Emissions from Traffic Operational Improvement No assumed impact/negligible impact on	
TAP - Transpo 605651 Non-CMAQ/HS 605651	SIPITAP (Other) LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET SIPITAP (Other) LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET LUNENBURG- RESURFACING & RELATED WORK ON ROUTE 13 (CHASE ROAD), FROM NORTHFIELD ROAD TO THE TOWNSEND T.L. WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	\$ 85,11	Quantified Quantified Impact Quantified Qualitative Qualitative		Operational Improvement Quantified Decrease in Emissions from Traffic Operational Improvement No assumed impact/negligible impact on emissions	

MassDOT Project ID ▼		TIP GHG	liacr	····9		
	MassDOT Project Description ▼	Total Programmed	GHG Analysis	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
		Funds ▼	Tvne ▼			
	ederal Aid Bridge Projects					
STATEWIDE S	ystematic Maintenance Program					
		Q	uantified Impact	• 0		
On System						
608612	ATHOL- BRIDGE REPLACEMENT, A-15-008,	\$ 8,140,880	Qualitative		No assumed impact/negligible impact on	
	CRESCENT STREET OVER MILLERS RIVER				emissions	
Off-System						
608259	TOWNSEND- BRIDGE REPLACEMENT, T-07-013,	\$ 2,226,528	3 Qualitative		No assumed impact/negligible impact on	
608260	WEST MEADOW ROAD OVER LOCKE BROOK ATHOL- BRIDGE REPLACEMENT, A-15-005,	\$ 2,446,848	3 Qualitative		emissions No assumed impact/negligible impact on	
	WASHINGTON AVE OVER ATHOL POND OUTLET				emissions	
		Q	uantified Impact >	0		
STATEWIDE B	ridge Inspection Program				*	
		Q	uantified Impact ▶	• 0		
Section 1C / Fe	ederal Aid Non-Target Projects					
Other Federal						
0	No Projects Programmed No Projects Programmed	\$ - \$ -			N/A N/A	
•	NOT TOJECS I TOGRAMINEG		uantified Impact >	• 0	140	
Section 1D / Fe	ederal Aid Major & State Category Projects					
	r Infrastructure					
0	No Projects Programmed	\$ -			N/A	
•	No Projecto Programmed	•				
0	No Projects Programmed	\$ -	uantified Impact >	. 0	N/A	
			uantified Impact ▶	• 0		
	No Projects Programmed mericans with Disability Act Implementation Plan		uantified Impact ▶	0		
		Q	uantified Impact ▶ uantified Impact ▶			
STATEWIDE A	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality	Q	uantified Impact ▶	- 0	N/A	
STATEWIDE A	mericans with Disability Act Implementation Plan	Q \$ 11,178,000	uantified Impact ▶ Qualitative	0 186,768		
STATEWIDE A	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Q \$ 11,178,000	uantified Impact ▶	0 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE A	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Q \$ 11,178,000	uantified Impact ▶ Qualitative	0 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE A	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Q \$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶	► 0 186,768 ► 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE Ar STATEWIDE C 608193 STATEWIDE H	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Q \$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶	► 0 186,768 ► 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE OF 608193 STATEWIDE H	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Q \$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶	► 0 186,768 ► 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE OF 608193 STATEWIDE H	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	\$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶	• 0 186,768 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE OF 608193 STATEWIDE H	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	\$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶ uantified Impact ▶	• 0 186,768 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE AND STATEWIDE CONTROL OF CONTROL O	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL) HSIP Program	\$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶ uantified Impact ▶	0 186,768 - 186,768	N/A Quantified Decrease in Emissions from Bicycl	
STATEWIDE A STATEWIDE IN STATEWIDE IN	mericans with Disability Act Implementation Plan Congestion Mitigation and Air Quality FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL) HSIP Program	\$ 11,178,000 Q	uantified Impact ▶ Qualitative uantified Impact ▶ uantified Impact ▶	0 186,768 - 186,768	N/A Quantified Decrease in Emissions from Bicycl	

0 P STATEWIDE Nation STATEWIDE Plans STATEWIDE Rails	onal Freight Program No Projects Programmed onal Highway System Preservation Program ning Program road Grade Crossings e Routes to Schools Program	C	tuantified Impact ► tuantified Impact ► tuantified Impact ►	0 0	N/A	
0 P STATEWIDE Nation STATEWIDE Plans STATEWIDE Rails	No Projects Programmed onal Highway System Preservation Program ning Program road Grade Crossings		Quantified Impact ▶	0	N/A	
STATEWIDE Plans STATEWIDE Railr STATEWIDE Safe	ning Program road Grade Crossings	C	Quantified Impact ▶	0		
STATEWIDE Plans STATEWIDE Railr STATEWIDE Safe	ning Program road Grade Crossings	C	Quantified Impact ▶	0		
STATEWIDE Railr	road Grade Crossings	C	Quantified Impact ▶	0		
STATEWIDE Railr	road Grade Crossings	C				
STATEWIDE Safe		C				
STATEWIDE Safe			Quantified Impact ▶	0		
	e Routes to Schools Program		Quantified Impact ►	0		
	e Routes to Schools Program					
			Quantified Impact >	0		
	mwater Retrofits LANCASTER - STORMWATER IMPROVEMENTS	\$ 370,62	5 Qualitative		No assumed impact/negligible impact on	
	ALONG ROUTE 2				emissions	
		C	Quantified Impact >	0		
	sportation Enhancements No Projects Programmed	\$ -			N/A	
1 0	No Projects Programmed	\$ -	Quantified Impact ►	0	N/A	
044	F. W		quantineu impact >			
Other STATEWIDI	E Items					
		C	Quantified Impact >	0		
Section 2A / Non-F	Federal Projects					
Non Federal Aid						
	No Projects Programmed	\$ -			N/A	
1 0	No Projects Programmed	\$ -	Quantified Impact ►	0	N/A	
Section 2R / Non-	Federal Bridge Projects					
Section 2B / Non-l	Federal Bridge Projects					
1 0	No Projects Programmed	\$ -	Quantified Impact ►	0	N/A	
2019 Mon	tachusett MPO GHG Trac	cking Sun	nmary	Total Quantified Impact ▼		

Macabot	Montachusett MPO T			.,	CHC	Additional
MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
Section 1A / Fe	ederal Aid Target Projects					
HSIP - Highwa	y Safety Improvement Program					
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	\$ 445,955	Qualitative		No assumed impact/negligible impact on emissions	Further Inf on Type of Improvement Needec Assess AQ
0	No Projects Programmed	\$ -				
		Q	uantified Impact >	0		
	estion Mitigation and Air Quality Improvement Program		Ossellisation			O HOID Al-
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	\$ 1,114,889	Qualitative		No assumed impact/negligible impact on emissions	See HSIP Above
0	No Projects Programmed	\$ -			•	
		Q	uantified Impact >	• 0		
	ortation Alternatives Program					
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	\$ 122,343	Qualitative		No assumed impact/negligible impact on emissions	See HSIP Above
0	No Projects Programmed	\$ -				
		Q	uantified Impact >	0		
Non-CMAQ/HS	SIP/TAP (Other)					
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	\$ 332,813	Qualitative		No assumed impact/negligible impact on emissions	See HSIP Above
	OUR INVENTAGE OF A SECURITION	* 5040000	OPi			
601957	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	\$ 5,040,000	Qualitative		No assumed impact/negligible impact on emissions	
607902	AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET	\$ 2,419,200	Qualitative		No assumed impact/negligible impact on emissions	
		Q	uantified Impact ▶	• 0		
Section 1B / Fo	ederal Aid Bridge Projects					
STATEWIDE S	systematic Maintenance Program					
			uontific d las			
		Q	uantified Impact >	0		
On System						
608189	FITCHBURG - BRIDGE REPLACEMENT, F-04-018, ROUTE 12 (WATER STREET) OVER NORTH	\$ 4,793,936	Qualitative		No assumed impact/negligible impact on emissions	
600109	NASHUA RIVER					
606169	NASHUA RIVER	Q	uantified Impact >	• 0		
	NASHUA RIVER	Q	uantified Impact ▶	0		
Off-System 608639	NASHUA RIVER WESTMINSTER - BRIDGE REPLACEMENT, W-28-010, WHITMANVILLE ROAD OVER WHITMAN RIVER	Q \$ 2,791,264		0	No assumed impact/negligible impact on emissions	

MassDOT	MassDOT	Total	GHG	GHG CO ₂ Impact	GHG	Additional
roject ID ▼	Project Description ▼	Programmed Funds ▼	Analysis Tyne ▼	(kg/yr)▼	Impact Description ▼	Description ▼
STATEWIDE	Bridge Inspection Program					
			Oversitied because N			
		•	Quantified Impact >	0		
Section 1C /	Federal Aid Non-Target Projects					
Other Federa	al Aid					
0	No Projects Programmed	\$	-		N/A	
0	No Projects Programmed	\$	-		N/A	
		•	Quantified Impact >	0		
Section 1D /	Federal Aid Major & State Category Projects	3				
Regional Maj	jor Infrastructure					
0	No Projects Programmed	\$	-		N/A	
0	No Projects Programmed	\$	-		N/A	
			Quantified Impact >	0		
	Americans with Disability Act Implementation					
0	No Projects Programmed		-		N/A	
0	No Projects Programmed		-		N/A	
			Quantified Impact >	0		
STATEWIDE	Congestion Mitigation and Air Quality					
			Quantified Impact >	• 0		
CTATEMEN						
STATEWIDE	HSIP Program				*	
STATEWIDE	: HSIP Program		Quantified Impact ▶	• 0		
		•	Quantified Impact ▶	0		
	: HSIP Program	,	Quantified Impact ▶	- 0		
			Quantified Impact ▶ Quantified Impact ▶			
· STATEWIDE						
· STATEWIDE	: Infrastructure Program		Quantified Impact ▶	• 0		
STATEWIDE	i Infrastructure Program Interstate Maintenance Program			• 0		
STATEWIDE	: Infrastructure Program		Quantified Impact ▶	• 0		
• STATEWIDE	i Infrastructure Program Interstate Maintenance Program		Quantified Impact ▶	- 0		
STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems		Quantified Impact ▶ Quantified Impact ▶	- 0		
STATEWIDE STATEWIDE STATEWIDE STATEWIDE 0	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed		Quantified Impact ▶ Quantified Impact ▶	- 0	NA NA	
STATEWIDE STATEWIDE STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program		Quantified Impact D Quantified Impact D Quantified Impact D	0	NA NA	
STATEWIDE STATEWIDE STATEWIDE STATEWIDE 0	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed		Quantified Impact ▶ Quantified Impact ▶	0		
STATEWIDE STATEWIDE STATEWIDE O 0	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed	: : : : S	Quantified Impact D Quantified Impact D Quantified Impact D	0		
STATEWIDE STATEWIDE STATEWIDE O 0	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed	s S S	Quantified Impact D Quantified Impact D Quantified Impact D	0		
STATEWIDE STATEWIDE STATEWIDE 0 0	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed National Highway System Preservation Prog	s S S	Quantified Impact D Quantified Impact D Quantified Impact D Quantified Impact D	0		
STATEWIDE STATEWIDE STATEWIDE 0 0	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed	s S S	Quantified Impact D Quantified Impact D Quantified Impact D Quantified Impact D	0		
STATEWIDE STATEWIDE STATEWIDE 0 0	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed National Highway System Preservation Prog	s S S S S S S S S S S S S S S S S S S S	Quantified Impact Quantified Impact Quantified Impact Quantified Impact Quantified Impact	- O		
STATEWIDE STATEWIDE STATEWIDE 0 0 STATEWIDE STATEWIDE	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed National Highway System Preservation Prog	s S S S S S S S S S S S S S S S S S S S	Quantified Impact D	- O		
STATEWIDE STATEWIDE STATEWIDE 0 0 STATEWIDE STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed National Highway System Preservation Prog	s s	Quantified Impact	0		
STATEWIDE STATEWIDE STATEWIDE O STATEWIDE STATEWIDE STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Programmed National Highway System Preservation Prog	s s	Quantified Impact D	0		
STATEWIDE STATEWIDE STATEWIDE O STATEWIDE STATEWIDE STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed National Highway System Preservation Prog	s s	Quantified Impact	0		
STATEWIDE STATEWIDE STATEWIDE 0 0 STATEWIDE STATEWIDE STATEWIDE STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Programmed National Highway System Preservation Prog	yram	Quantified Impact	0 0 0 0		
STATEWIDE STATEWIDE 0 0 STATEWIDE STATEWIDE STATEWIDE STATEWIDE	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Planning Program Railroad Grade Crossings Safe Routes to Schools Program	yram	Quantified Impact	0 0 0 0		
STATEWIDE STATEWIDE STATEWIDE 0 0 STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE	Infrastructure Program Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Programmed National Highway System Preservation Prog	yram	Quantified Impact	0 0 0 0		
STATEWIDE STATEWIDE STATEWIDE 0 0 STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Planning Program Railroad Grade Crossings Safe Routes to Schools Program	yram	Quantified Impact	0 0 0 0 0		
STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Planning Program Railroad Grade Crossings Safe Routes to Schools Program Stormwater Retrofits	yram	Quantified Impact Quantified Impact	0 0 0 0 0		
STATEWIDE STATEWIDE STATEWIDE O STATEWIDE STATEWIDE STATEWIDE STATEWIDE STATEWIDE	Interstate Maintenance Program Intelligent Transportation Systems National Freight Program No Projects Programmed No Projects Programmed No Projects Programmed Planning Program Railroad Grade Crossings Safe Routes to Schools Program	yram	Quantified Impact Quantified Impact	0 0 0 0 0		

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Tvne ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
Other STATEV	VIDE Items					
			Quantified Impact >	. 0		
Section 2A / No	on-Federal Projects					
► Non Federal A	id					
		(Quantified Impact >	0		
Section 2B / No	on-Federal Bridge Projects					
Section 2B / No	on-Federal Bridge Projects					
0	No Projects Programmed	\$ -	•		N/A	
	No Projects Programmed	\$ -	•		N/A	
0			Quantified Impact >	0		
0						
	entachusett MBO CU	C Trooking Sun	amarı,	Total Quantified		
	ontachusett MPO GH	G Tracking Sun	nmary	Total Quantified Impact ▼		

Project Description ▼ Project Description ▼ Program	MassDOT	MassDOT	Total	GHG Analysis	GHG CO ₂ Impact	GHG	Additional
ISBP - Highway Safety Improvement Program ISBP - Highway Safe	oject iD ▼	Project Description ▼	Programmed Funds ▼	Analysis Tvne ▼	(kg/yr)▼	Impact Description ▼	Description ▼
COMMISTER: \$ 446,856 Qualitative No assumed impactingligible impact on emastrial emastri	Section 1A / Fe	ederal Aid Target Projects					
COMMISTER: \$ 446,856 Qualitative No assumed impactingligible impact on emastrial emastri	HSIP - Highwa	v Safety Improvement Program					
OUAnd C-Congestion Mitigation and Air Quality Improvement Program OUAND STERN OUAND STERN OF LOOK STERN OF LOOK STERN OF LOOK STERN OF LOOK STERN OUAnd ST		LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE (CENTRAL STREET), INCLUDING REHABILITATION		Qualitative			
OUAnd C-Congestion Mitigation and Air Quality Improvement Program OUAND STERN OUAND STERN OF LOOK STERN OF LOOK STERN OF LOOK STERN OF LOOK STERN OUAnd ST		No Projects Programmed	•				
CMAQ - Congestion Mitigation and Air Quality improvement Program 604499	U	No Frojects Frogrammed					
LEOMASTER STREET, NOLLOWS REHABLITATION ON ROUTE 12 (CENTRAL STREET), NOLLOWS REHABLITATION ON ROUTE 13 (CENTRAL STREET), NOLLOWS REHABLITATION ON ROUTE 14 (CENTRAL STREET), NOLLOWS REHABLITATION ON ROUTE 15 (CENTRAL STRE			Q	uanuneu impact •	·		
Ouantified Impact ► 0 TAP - Transportation, Alternatives Program 604499		LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE (CENTRAL STREET), INCLUDING REHABILITATION	\$ 1,114,889	Qualitative			See HSIP Above
Ouantified impact ► 0 TAP - Transportation Atternatives Program 604499							
TAP - Transportation Alternatives Program 604499	U		\$ -				
ELOMINISTER RECONSTRUCTIONREHABLITATION ON ROUTE 12 (CENTRAL STREET), NOLIDING REHABLITATION OF L-08-022 No No Projects Programmed \$ 7,814,363 Qualitative No assumed impact/regligible impact on emissions See HSIP Above Qualitative O No Projects Programmed \$ 7,814,363 Qualitative O No Projects Programmed O No Projects Programmed O No Projects Programmed O Uantified Impact ▶ O Quantified Impact ▶ O Quantified Impact ▶ O			Q	uantified Impact ▶	0		
RECONTRUCTIONREHABLITATION ON ROUTE 12 (CENTRAL STREET), NCLUDING REHABLITATION OF L-08-022 Non-CMAQ/HSIP/TAP (Other) 604499			\$ 310.067	Qualitative		No assumed impact/peoligible impact on	See HSIP Ahove
O No Projects Programmed Cuantified Impact ► O Cuantified Impact ► O Non-CMAQ/HSIP/TAP (Other) 604499	004433	RECONSTRUCTION/REHABILITATION ON ROUTE (CENTRAL STREET), INCLUDING REHABILITATION		Qualitative			CCC FIGHT ABOVE
O Non-CMACINSIPITAP (Other) 604499 LEOMINSTER. \$ 7,814,363 Qualitative RECONSTRUCTIONREHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION ON FOLIA 2 (CENTRAL STREET), INCLUDING REHABILITATION OF LOGICIES Programmed O No Projects Programmed Quantified Impact ► 0 Section 1B / Federal Aid Bridge Projects STATEWIDE Systematic Maintenance Program							
Non-CMAQ/HSIP/TAP (Other) 604499 LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022 0 No Projects Programmed \$ Quantified Impact ▶ 0 Section 1B / Federal Aid Bridge Projects STATEWIDE Systematic Maintenance Program	0	No Projects Programmed	\$ -				
ECONSTRUCTIONREHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022 0 No Projects Programmed \$ - Quantified Impact ▶ 0 Section 1B / Federal Aid Bridge Projects STATEWIDE Systematic Maintenance Program			Q	uantified Impact >	. 0		
RECONSTRUCTIONREHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022 0 No Projects Programmed \$ - Quantified Impact ▶ 0 Section 1B / Federal Ald Bridge Projects STATEWIDE Systematic Maintenance Program Quantified Impact ▶ 0							
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		systematic Maintenance Program					
On System		systematic Maintenance Program	-0	uantified Impact	. 0	<u>.</u>	
	STATEWIDE S	ystematic Maintenance Program	Q	uantified Impact ▶	0		
Quantified Impact ▶ 0	STATEWIDE S	ystematic Maintenance Program				<u>.</u>	

Funds ▼ Tyne ▼	MassDOT	MassDOT Project Description V	Total Programmed	GHG Analysis	GHG CO ₂ Impact	GHG	Additional Description ▼
STATEMOE Endown Ministrance Program STATEMOE Endown Ministrance Program Outstified Impact = 0 State of the Program of the Progr	Project ID ▼	Project Description▼	Programmed Funds ▼	Analysis Tyne ▼	(kg/yr)▼	Impact Description ▼	Description V
STATEMOE Endown Ministrance Program STATEMOE Endown Ministrance Program Outstified Impact = 0 State of the Program of the Progr	Off-System						
Clarified Inpact 0 NA Prices Programmed 0 NA Prices Programmed 0 Clarified Impact 0 NA Clarified Impact 0 NA Clarified Impact 0 NA Clarified Impact 0 Clar		SHIRLEY - BRIDGE REPLACEMENT, S-13-005	i, \$ 1,764,940	Qualitative		No assumed impact/negligible impact on	
Section 1C Federal Act Non-Target Projects Countries Impact							
Section 1C / Federal Ad Non-Target Projects Collect Federal Ad Non-Target Projects Collect Federal Ad Non-Target Projects Other Federal Ad Major & State Category Projects Region Major Infrastructure O No Projects Programmed \$ 1 NoA			C	uantified Impact >			
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Section 10 / Federal Ad Non-Target Projects Other Footnal Ad No Projects Programmed S							
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Section 10 / Federal Aid Major & State Category Projects Regional Major Infrastructure 0 No Projects Projects Projects Projects No. NA. STATEWIDE Americans with Disability Act Implementation Plan Cluarified Impact > 0 STATEWIDE Congestion Mitigation and Air Quality 60737 CRITICAL PATHINA (PHASE V) Quarified Impact > 0 STATEWIDE HIP Program Quarified Impact > 0 STATEWIDE Infrastructure Program Quarified Impact > 0 STATEWIDE National Fright Program Quarified Impact > 0 STATEWIDE National Highway System Preservation Program Quarified Impact > 0 STATEWIDE National Highway System Preservation Program Quarified Impact > 0 STATEWIDE National Highway System Preservation Program Quarified Impact > 0 STATEWIDE National Highway System Preservation Program Quarified Impact > 0 STATEWIDE National Highway System Preservation Program Quarified Impact > 0 STATEWIDE Planning Program Quarified Impact > 0 Quarified Impact > 0 STATEWIDE Planning Program			\$ -			N/A	
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Quantified impact ▶ 0 STATEWIDE Infrastructure Program Quantified impact ▶ 0 STATEWIDE Interstate Maintenance Program Quantified impact ▶ 0 STATEWIDE Intelligent Transportation Systems Quantified impact ▶ 0 STATEWIDE National Freight Program 0 No Projects Programmed \$ - NA 0 No Projects Programmed \$ - NA 0 No Projects Programmed \$ - NA 0 STATEWIDE National Highway System Preservation Program Quantified impact ▶ 0 STATEWIDE National Highway System Preservation Program Quantified impact ▶ 0 STATEWIDE Planning Program Quantified impact ▶ 0 STATEWIDE Planning Program Quantified impact ▶ 0		OLIMOLI AMINA (FIDEL V)	G	uantified Impact >	476,405	and recession impostuctore	
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STATEWIDE National Highway System Preservation Program Quantified Impact ▶ 0 STATEWIDE Planning Program Quantified Impact ▶ 0 STATEWIDE Railroad Grade Crossings Quantified Impact ▶ 0	0	No Projects Programmed	\$ - G	uantified Impact ▶	0	N/A	
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				uantified Impact	0	<u>.</u>	
STATEWIDE Safe Routes to Schools Program			G	adminiod impact			
		Safe Routes to Schools Program					

MassDOT Project ID ▼	MassDOT Project Description▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼
STATEWIDE S	tormwater Retrofits					
			Quantified Impact ►	0		
STATEWIDE T	ransportation Enhancements No Projects Programmed	\$ -			N/A	
0	No Projects Programmed				N/A	
	To I Good Togalino		Quantified Impact ►	0		
Other STATEV	/IDE Items					
► Other STATEV	VIDE Items	j	Quantified Impact ▶	0		
		C	Quantified Impact ▶	Č		
	on-Federal Projects	C	Quantified Impact ▶	O		
➤ Section 2A / No	on-Federal Projects	C	Quantified Impact ▶	0		
➤ Other STATEV ➤ Section 2A / No ➤ Non Federal Ai	on-Federal Projects		·			
➤ Section 2A / No	on-Federal Projects		Quantified Impact ▶			
➤ Section 2A / No ➤ Non Federal Ai	on-Federal Projects		·			
► Section 2A / No Non Federal Ai ► Section 2B / No	on-Federal Projects d on-Federal Bridge Projects		·			
➤ Section 2A / No ➤ Non Federal Ai ➤ Section 2B / No ➤ Section 2B / No	on-Federal Projects d on-Federal Bridge Projects on-Federal Bridge Projects	C	·			
➤ Section 2A / No ➤ Non Federal Ai ➤ Section 2B / No ➤ Section 2B / No 0	on-Federal Projects d on-Federal Bridge Projects on-Federal Bridge Projects No Projects Programmed	S -	·		NA	
➤ Section 2A / No ➤ Non Federal Ai ➤ Section 2B / No ➤ Section 2B / No	on-Federal Projects d on-Federal Bridge Projects on-Federal Bridge Projects	\$ - \$ -	Quantified Impact ▶	0	NA NA	
➤ Section 2A / No ➤ Non Federal Ai ➤ Section 2B / No ➤ Section 2B / No 0	on-Federal Projects d on-Federal Bridge Projects on-Federal Bridge Projects No Projects Programmed	\$ - \$ -	·	0		

Mont	achusett MPO Cor	mpleted	d Highv	way Pro	ojects GHC	3	
MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO₂ Impact	GHG Impact Description ▼	Additional Description ▼	Fiscal Year of Contract Award (2015 and forward) ▼
604699	STERLING- INTERSECTION IMPROVEMENTS AT ROUTE 12 AND CHOCKSETT ROAD	\$ 5,633,000	Quantified	130,027.475	Quantified Decrease in Emissions from Traffic Operational Improvement	To be advertised	2016
604960	CLINTON- RESURFACING & RELATED WORK ON WATER STREET AND BOLTON ROAD (1.2 MILES)	\$ 4,433,939	Quantified	12,730.300	Quantified Decrease in Emissions from Traffic Operational Improvement	Advetised 11/1/2014; Notice to Proceed 9/1/2015	2016
604439	WINCHENDON- MULTI-USE TRAIL CONSTRUCTION (NORTH CENTRAL PATHWAY - PHASE V) INCLUDES W- 39-023, W-39-024 & W-39-028	, , ,	Quantified	3,006.700	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	Advetised 6/28/2014; Notice to Proceed 3/12/2015	2015
604928	LEOMINSTER- RECONSTRUCTION OF MECHANIC STREET, FROM LAUREL STREET TO THE LEOMINSTER CONNECTOR	\$ 2,929,315	Quantified	5,080.064	Quantified Decrease in Emissions from Traffic Operational Improvement	Advetised 9/12/2015; Notice to Proceed 3/9/2016	2016
607242	FITCHBURG- SAFE ROUTES TO SCHOOLS (SOUTH STREET ELEMENTARY SCHOOL)	\$ 1,580,298	Qualitative		No assumed impact/negligible impact on emissions	To be advertised	2016
604515	ROYALSTON- BRIDGE REPLACEMENT, R-12-006, NORTH FITZWILLIAM ROAD OVER LAWRENCE BROOK	, , ,	Qualitative		No assumed impact/negligible impact on emissions	Advetised 9/7/2013; Notice to Proceed 4/22/2014	2015
604838	WINCHENDON- BRIDGE REPLACEMENT, W-39-001, HARRIS ROAD OVER TARBELL BROOK	\$ 2,129,943	Qualitative		No assumed impact/negligible impact on emissions	Advetised 8/22/2015; Notice to Proceed 3/10/2016	2015
607114	LANCASTER- BRIDGE REPLACEMENT, L-02-018, JACKSON ROAD OVER ROUTE 2	\$ 5,924,599	Qualitative		No assumed impact/negligible impact on emissions	Advetised 9/20/2014; Notice to Proceed 8/6/2015	2015
607419	WESTMINSTER- DECK REPLACEMENT, W-28-023, ROUTE 2A/140 OVER ROUTE 2	\$ 2,672,775	Qualitative		No assumed impact/negligible impact on emissions	Advetised 2/28/2015; Notice to Proceed 8/18/2015	2015
607909	STERLING- BRIDGE JOINTS REPAIRS AND BEAM-END REPAIRS AT 5 BRIDGES ON I-190	\$ 10,021,616	Qualitative		No assumed impact/negligible impact on emissions	Advetised 5/15/2015; Notice to Proceed 9/15/2015	2015

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description▼		Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼	
Section 1A / Federa	al Aid Target Proje	cts									
► HSIP - Highway Sa	fety Improvement I	Program									
				No Projects Programmed	1		\$ - \$ -	\$ -	\$ -		
				No Projects Programmed		HSIP Subtotal ▶		\$ - \$ -	\$ - \$ -	◀ 90% Federal +	10% Non-Federal
➤ CMAQ - Congestio	n Mitigation and Ai 606124	r Quality Improvement F Montachusett	Program Multiple	FITCHBURG- LUNENBURG- LEOMINSTER-	3	CMAQ	\$ 994.860	\$ 795.888	\$ 198.972	CMAC/TAB: Tota	al Cost = \$9.939.131 Non-Adjusted
	000124	Wolfachusett	Multiple	RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	OVAC	φ 994,00C	φ 795,000	ŷ 190,972	for YOE; Non Adju 6/20/16; 75% re 7/22/15; TEC	in Cost = \$9,939,131 as of turned (12/23/14); Public Hearing 5 50 of 100; Not HSIP Eligibile; AC Yr 1 of 2; AC Yr 2 Cost = \$8,823,515;
				No Projects Programmed	1		\$ -	\$ -	\$ -		
						CMAQ Subtotal ▶	\$ 994,860	\$ 795,888	\$ 198,972	◀ 80% Federal +	20% Non-Federal
► TAP - Transportati	on Alternatives Pro 606124	Montachusett	Multiple	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	TAP	\$ 120,756	\$ 96,605	\$ 24,151	for YOE; Non Adju 6/20/16; 75% re 7/22/15; TEC	I Cost = \$9,939,131 Non-Adjusted usted Total Cost = \$9,939,131 as o turned (12/23/14); Public Hearing 5 50 of 100; Not HSIP Eligibile; AC Yr 1 of 2; AC Yr 2 Cost = \$\$8,823,515;
				No Projects Programmed	*		\$ -	\$ -	\$ -		
						TAP Subtotal ▶	\$ 120,756	\$ 96,605	\$ 24,151	■ 80% Federal +	20% Non-Federal
► Non-CMAQ/HSIP/T	AP (Other)										
P Non-Gilled Till	607252	Montachusett	Gardner	GARDNER - RESURFACING & RELATED WORK ON MATTHEW STREET	3	STP	\$ 1,770,588	\$ 1,416,470	\$ 354,118	\$1770,588; Not Ad	peived; city to design; Total Cost = djusted for YOE; Non Adjusted Total 0,588 as of 6/7/16; TEC 35 of 100; Construction;
	606435	Montachusett	Hubbardston	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE RUTLAND T.L.	3	STP	\$ 3,691,750	\$ 2,953,400	\$ 738,350	Adjusted for Y \$3,691,750 (as o 100; Possible Re	6/15; Total Cost = \$3,691,750 Non- /OE; Non Adjusted Total Cost = if 6/3/15); Construction; TEC 43 of edistribution Fund Project in 2015; 8 - Moved Due to Fiscal Constraint Issues
	607321	Montachusett	Templeton	TEMPLETON - RESURFACING & RELATED WORK ON A SECTION OF ROUTE 68 FROM THE GARDNER CITY LINE TO THE END OF STATE HIGHWAY (2.0 MILES)	2	STP	\$ 1,828,965	\$ 1,463,172	\$ 365,793	Adjusted for Y	26/15; Total Cost = \$1,828,965 Not 'OE; Non Adjusted Total Cost = as of 4/13/16); TEC 29 of 100; Construction;
	608542	Montachusett	Winchendon	WINCHENDON - RESURFACING & RELATED WORK ON ROUTE 140, FROM TEEL ROAD TO 430 FT. SOUTH OF ROUTE 12 (1.1 MILES)	2	STP	\$ 850,000	\$ 680,000	\$ 170,000	MassDOT D2 to Adjusted for YC	% Ready Soon after PRC approval design; Total Cost = \$850,000 Not DE; Non Adjusted Total Est Cost = of 5/25/16; TEC TBD of 100; Construction;
				Non-CN	IAQ/HSIP/TAF	Other) Subtotal ►	\$ 8,141,303	\$ 6,513,042	\$ 1,628,261	■ 80% Federal +	20% Non-Federal
► Section 1A / Fiscal	Constraint Analys	is				ds Programmed ► ner) Programmed ►			■Total Target ■ Max. Non- CMAQ/HSIP/TAP		Target Funds Available Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
					Total CM	SIP Programmed ► IAQ Programmed ► TAP Programmed ►	\$ 994,860	\$ 1,393,611	✓ Min. HSIP✓ Min. CMAQ✓ Min. TAP	\$ 398,751	HSIP Recommended Not Met CMAQ Recommended Not Met TAP Recommended Met

mendment/ djustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Section 1B / Federa	al Aid Bridge Proje	cts								
STATEWIDE Syste	matic Maintenance	Program								
		1			•					
				STATEWIDE Bridge	Maintenance I	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
On System										
Jii System		_								
					On	System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
Off-System	607529	Montachusett	Winchendon	WINCHENDON- BRIDGE REPLACEMENT, W-39-015,	2	STP-BR-OFF	\$ 2,017,260	\$ 1,613,808	\$ 403,452	
		Worldcridsett	Willeliadii	NORTH ROYALSTON ROAD OVER TARBELL BROOK			\$ 2,017,200	ų 1,013,000	Ψ 400,402	
	608250	Montachusett	Royalston	ROYALSTON- BRIDGE REPLACEMENT, R-12-001 (B35), STOCKWELL ROAD OVER LAWRENCE BROOK	2	STP-BR-OFF	\$ 862,500	\$ 690,000	\$ 172,500	
					Off	-System Subtotal ▶	\$ 2,879,760	\$ 2,303,808	\$ 575,952	■ 80% Federal + 20% Non-Federal
STATEWIDE Bridge In	nspection Program									
C ETTIDE DITAGE II		*			_		ļ			
		<u>.</u>		STATEWIDE Bridg	je Inspection I	Program Subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$		***************************************	
Section 1C / Federa	al Aid Non-Target F	Projects								
Other Federal Aid										
				No Projects Programmed			\$ -	\$ -	* \$ -	
				No Projects Programmed	1		\$ -	\$ -	\$ -	
					Other Fed	leral Aid Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Section 1D / Federa	al Aid Major & State	Category Projects								
Regional Major Infr	astructure				_					
		1		Region	al Maior Infras	tructure Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Amori	cana with Disability	/ Act Implementation Plan		, again	a major mm a	a dotal o odbiola. P				2010 10010
STATEWIDE AIREIT	cans with Disability	Act implementation rial	•							
				STATEWIDE AD	A Implementat	ion Plan Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Cong	estion Mitigation a	nd Air Quality								
		1			1					
					STATEWIDE	CMAQ Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE HSIP	Program									
				ОТАТ	WIDE Help	Program Subtotal ►	\$ -	\$ -	\$ -	■ 90% Federal + 10% Non-Federal
				STATE	WIDE HOIP	TOQUATTI SUDIOIAI F		- ·	· J -	30% redetal + 10% Non-redetal
STATEWIDE Infras	structure Program									
		1		QTATEWINE I	nfrastructure !	Program Subtotal ►	\$ -	\$ -	\$	■ 80% Federal + 20% Non-Federal
				STATEWIDE	i ii asi ucture I	Togram oubtotal	×		<u> </u>	- 55/6 Federal - 25/6 NOTFrederal
STATEWIDE Inters	tate Maintenance F 606575	rogram Montachusett	Multiple	STERLING- LANCASTER- LEOMINSTER- INTERSTATE	3	NHPP	\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	
	550010		apio	MAINTENANCE & RELATED WORK ON I-190	9		Ç 10,000,000	Ç 10,020,770	4 1,000,000	
				STATEWIDE Interstate	Maintenance I	Program Subtotal ▶	\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	■ 90% Federal + 10% Non-Federal
STATEWIDE Intellic	gent Transportation	n Systems								
		******			*	T.	·	·		

nendment/ ljustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Fu ▼	nds Additional Information ▼	
STATEWIDE Nationa	al Freight Program										
OTATEVIDE NATION	ui i reigne i regrum			No Projects Programmed			\$ -	` \$ -	\$	-	
		•		No Projects Programmed	•		\$ -	*\$ -	\$	-	
				STATEWIDE Nat	ional Freight F	Program Subtotal ▶	\$ -	\$ -	\$	- ◀ 80% Federal	+ 20% Non-Federal
OTATEMINE NI-4i	-1111	December December									
STATEWIDE NATIONS	607475	Montachusett	Winchendon	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE (2.5 MILES)	2	NHPP	\$ 1,800,000			,000	
				STATEWIDE NHS	Preservation F	Program Subtotal >	\$ 1,800,000	\$ 1,440,000	\$ 360	.000 ◀ 80% Federal	+ 20% Non-Federal
STATEWIDE Plannin	ng Program	•			•	i					
				STATEWII	DE Planning F	Program Subtotal ▶	\$ -	\$ -	\$	- ◀ 80% Federal	+ 20% Non-Federal
STATEWIDE Railroa	d Grada Crassing					.,					
STATEWIDE Named	d Grade Grossings				1						
				STATEWIDE	RR Grade Cr	ossings Subtotal >	\$ -	\$ -	\$	- ■ 80% Federal	+ 20% Non-Federal
STATEWIDE Safe R	toutes to Schools I	Program		,	•						
				STATEWIDE Safe Route	s to Schoole	Program Subtotal ►	\$ -	\$ -	\$	- ◀ Funding Split	Varies by Funding Source
STATEWIDE Stormy	vater Retrofits			STATEWIDE Gale Notice	3 10 00110013 1	Toqram Odbiolar	ų.	<u> </u>	.	- Tunding Spire	varies by 1 driding cource
0.7.11.22.01.01.11.		1						•			
				STATEWIDE	Stormwater	Retrofits Subtotal >	\$ -	\$ -	\$	- ■ 80% Federal	+ 20% Non-Federal
STATEWIDE Transp	ortation Enhancen	nents									
				No Projects Programmed		STP-TE	\$ -	\$ -	* \$	-	
				STATEWIDE Transpo	rtation Enhand	cements Subtotal >	\$ -	\$ -	\$	- ■ 80% Federal	+ 20% Non-Federal
Other STATEWIDE I	tems				,						
									10000000		
				Othe	er STATEWID	E Items Subtotal ▶	\$ -	\$ -	\$	- ◀ Funding Split	Varies by Funding Source
Section 2A / Non-Fe	deral Projects										
Non Federal Aid											
Norri ederar Ald				No Projects Programmed	1	NFA	\$ -	•	' \$	-	
				No Projects Programmed	+	NFA	\$ -	**********	' \$	-	
					Non-Fe	deral Aid Subtotal▶	\$ -		\$	- ◀ 100% Non-Fe	deral
Section 2D / Non Ea	daval Bridge Brais	oto									
Section 2B / Non-Fe	derai briuge Proje	us									
Section 2B / Non-Fe	deral Bridge Proje	cts	1	5		·			· · · · · · · · · · · · · · · · · · ·		
				No Projects Programmed		NFA	\$ -	ļu ili ili ili ili ili ili ili ili ili il	\$	-	
				No Projects Programmed		NFA	\$ -		\$	-	
				Section 2B / Non-F	ederal Bridge	Projects Subtotal►	\$ -		\$	- ■ 100% Non-Fe	deral
2017 Mc	ontachu	sett MPC	TIP Sumn	nary		· 	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Pro ▼	ects	
						Total ►				,979 ◀ Total Spendin	
						Federal Funds ►				,113 ◀ Total Federal	
					No	n-Federal Funds ▶	\$ 4,456,866	\$ -	\$ 4,456	ooo	deral Spending in Region

Montachusett Metropolitan Planning Organization ADJUSTMENT #1 – October 19, 2016

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 / Feder	ral Aid Target Proje	ects									
► HSIP - Highway Sa	afety Improvement	Program									
	608188	Montachusett	Multiple	GARDNER- LEOMINSTER- STERLING - INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	3	HSIP	\$ 728,000	\$ 655,200	\$ 72,800	Non Adjusted Tota Preliminary Desi	\$728,000 Adjusted for YOE by 49 al Cost = \$700,000 (as of 6/10/16) gn; Construction; TEC 44 of 100; and HSIP; as of 1/22/16
				No Projects Programmed	1		\$ -	\$ -	\$ -	,	
						HSIP Subtotal ▶	\$ 728,000	\$ 655,200	\$ 72,800	■ 90% Federal +	10% Non-Federal
► CMAQ - Congestion		ir Quality Improvemen		FITCHBURG- LUNENBURG- LEOMINSTER-	3	CMAQ	\$ 1.114.889		¢ 000.070	OTD/OMAQ/TAI	P: Total Cost = \$9.939.131 Non-
	606124	Montachusett	Multiple	FITCHBURG- LUNENBURG- LEOWING IER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	CMAQ	\$ 1,114,889	\$ 891,911	\$ 222,978	Adjusted for Y \$9,939,131 as of Public Hearing 7	P; Total Cost = \$9,939,131 Non- OE; Non Adjusted Total Cost = 6/20/16; 75% returned (12/23/14; /22/15; TEC 50 of 100; Not HSIP tion; AC Yr 2 of 2; AC Yr 1 Cost \$1,115,616;
				No Projects Programmed	1		\$ -	\$ -	\$ -		
			,			CMAQ Subtotal ▶	\$ 1,114,889	\$ 891,911	\$ 222,978	■ 80% Federal +	20% Non-Federal
►TAP - Transportat	606124	Montachusett	Multiple	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	TAP	\$ 85,141	\$ 68,113	\$ 17,028	Adjusted for Y \$9,939,131 as of Public Hearing 7	P; Total Cost = \$9,939,131 Non- OE; Non Adjusted Total Cost = 6/20/16; 75% returned (12/23/14; /22/15; TEC 50 of 100; Not HSIP tion; AC Yr 2 of 2; AC Yr 1 Cost \$1,115,616;
		—		No Projects Programmed	•		\$ -	\$ -	\$ -		* * * * * * * * * * * * * * * * * * * *
						TAP Subtotal ▶	\$ 85,141	\$ 68,113	\$ 17,028	◀ 80% Federal +	20% Non-Federal
► Non-CMAQ/HSIP/T	FAR (Other)										
r itor-omnagrioir/i	606124	Montachusett	Multiple	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	STP	\$ 7,623,485	\$ 6,098,788	\$ 1,524,697	Adjusted for Y \$9,939,131 as of Public Hearing 7	P; Total Cost = \$9,939,131 Non- OE; Non Adjusted Total Cost = 6/20/16; 75% returned (12/23/14/ /22/15; TEC 50 of 100; Not HSIP tion; AC Yr 2 of 2; AC Yr 1 Cost \$1,115,616;
				No Projects Programmed			\$ -	\$ -	\$ -		
				Non-CN	AQ/HSIP/TAP	(Other) Subtotal ▶	\$ 7,623,485	\$ 6,098,788	\$ 1,524,697	■ 80% Federal +	20% Non-Federal
Section 1A / Fiscal	I Constraint Analys	sis				ds Programmed ► er) Programmed ►			■Total Target ■ Max. Non- CMAQ/HSIP/TAP		Target Funds Available Non-CMAQ/HSIP/TAP (Other) Available
						SIP Programmed ► AQ Programmed ►					HSIP Recommended Met CMAQ Recommended Met
					Total T	AP Programmed ▶	\$ 85,141		■ Min. TAP		TAP Recommended Met

mendment/ djustment 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 1B / Feder	al Aid Bridge Proje	cts								
STATEWIDE Syste	matic Maintenance	Program								
•		1			•					
			•	STATEWIDE Bridge	Maintenance F	Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
On System										
On System	603513	Montachusett	Gardner	GARDNER- BRIDGE REPLACEMENT, G-01-008,	3	NHPP	\$ 4,404,240	\$ 3,523,392	\$ 880,848	
	003313	Workacrusek	Calulei	PLEASANT STREET OVER THE B&M RAILROAD	3	IM II I	Ψ +,+0+,2+0	Ψ 3,323,332	Ψ 000,040	
	605094	Montachusett	Fitchburg	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE	3	NHPP	\$ 4,738,140	\$ 3,790,512	\$ 947,628	
				ROUTE 31 OVER PHILLIPS BROOK	On	System Subtotal ▶	\$ 9,142,380	\$ 7,313,904	\$ 1.828,476	■ 80% Federal + 20% Non-Federal
						,				
Off-System										
	607127	Montachusett	Hubbardston	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	3	STP-BR-OFF	\$ 1,662,806	\$ 1,330,245	\$ 332,561	
	608179	Montachusett	Royalston	ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH	2	STP-BR-OFF	\$ 1,790,755	\$ 1,432,604	\$ 358,151	
				FITZWILLIAM ROAD OVER LAWRENCE BROOK					and an analysis of the second	
					Off	-System Subtotal ▶	\$ 3,453,561	\$ 2,762,849	\$ 690.712	■ 80% Federal + 20% Non-Federal
							-, -,,	-,,,,,,,		
STATEWIDE Bridge I	nspection Program									
				STATEWIDE Bridg	e Inspection F	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
						g		-	-	
Section 1C / Feder	al Aid Non-Target I	Projects								
Other Federal Aid										
		•		No Projects Programmed	1		\$ -		\$ -	
				No Projects Programmed	Other Fee	leral Aid Subtotal ▶	\$ - \$ -		S -	■ Funding Split Varies by Funding Source
					Outer rec	ierai Aid Subiolai 🕨		· •	-	Tunding Split varies by Funding Source
Section 1D / Feder	al Aid Major & Stat	e Category Projects								
Regional Major Infr	astructure	*		No Projects Programmed	1		\$ -	* \$ -	* \$ -	
				No Projects Programmed	 		\$ -		\$ -	
				Regiona	al Major Infras	tructure Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
STATEWIDE Ameri	icans with Disabilit	y Act Implementation Plan								
]		No Projects Programmed			\$ -	1.	\$ -	
		1		No Projects Programmed			\$ -	_ 1	\$ -	
				STATEWIDE ADA	A Implementat	ion Plan Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Cong	gestion Mitigation a	nd Air Quality								
				L.	STATEWIDE	E CMAQ Subtotal ▶	s -	\$ -	s -	■ 80% Federal + 20% Non-Federal
					J., E 111 DE	Subtotal P	(<u> </u>	<u> </u>	2070 Horri Cucrul
STATEWIDE HSIP	Program	•		Ĭ.	•					
			<u> </u>		WIDE HSIP F	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 90% Federal + 10% Non-Federal
STATEWIDE Infras	structure Program	—	-	ş	~					
					nfrastructure F	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEMINE Int	state Maintenance I	Program								
STATEWIDE Inters	tate maintenance h	Togram			1			+		
				STATEWIDE Interstate I	Asintonono I	Program Subtotal >	\$ -	\$ -	c	■ 90% Federal + 10% Non-Federal

ljustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
STATEWIDE Intellige	ent Transportation	Systems				:				
					STATEWI	DE ITS Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Nationa	al Freight Progran	1								
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
					STATEWIDE National Freight P	Program Subtotal ▶	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Nationa	al Highway Systen	Preservation Program						_	1	
					STATEWIDE NHS Preservation P	rogram Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Plannin	g Program									
		1		<u> </u>	STATEWIDE Planning P	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Railroad	d Grada Crassina	•			OI) (TEVIDE Flamming F	rogram babtotar p				
STATEWIDE Railload	u Grade Crossing	3								
					STATEWIDE RR Grade Cr	ossings Subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Safe Ro	outes to Schools	Program			•					
				STA	ATEWIDE Safe Routes to Schools P	: Program Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
STATEWIDE Stormw	vater Retrofits									
		1			STATEWIDE Stormwater F	Datrafita Culatatal A	\$ -	\$ -	¢.	■ 80% Federal + 20% Non-Federal
					STATEWIDE Stoffiwater F	Retronts Subtotal F	3 -	3 -	-	■ 60% rederal + 20% Non-rederal
STATEWIDE Transpo	ortation Enhance	ments		No Projects Programmed			\$ -	\$ -	\$ -	
					STATEWIDE Transportation Enhance	: cements Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Other STATEWIDE It	tems									
		1			Other STATEWID	E Items Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
					Olici Oliviewid	L TICHS CUBICILITY				Training opic varies by Funding Gource
Section 2A / Non-Fed	devel Duciente									
	uerai Projects									
Non Federal Aid		1		No Projects Programmed		NFA	\$ -	***************************************	\$ -	
		<u> </u>		No Projects Programmed		NFA	\$ -	***************************************	\$ -	
					Non-Fed	eral Aid Subtotal▶	\$ -		\$ -	◀100% Non-Federal
Section 2B / Non-Fed	deral Bridge Proje	ects								
Section 2B / Non-Fee	deral Bridge Proje	ects								
		1		No Projects Programmed	1	NFA	\$ -		\$ -	
				No Projects Programmed		NFA	\$ -		\$ -	
					Section 2B / Non-Federal Bridge	Projects Subtotal▶	s -		\$	■100% Non-Federal
018 Ma	ntachi	ISAtt MDC	TIP Sumn	narv			TIP Section 1: 1	TIP Section 2: ▼	Total of All Projects	
.010 IVIC	illaciil	JSELL IVIPU	TIF Sullill	iai y						7
						Total ► Federal Funds ►				 ▼ Total Spending in Region ▼ Total Federal Spending in Region
					No	n-Federal Funds >				 Total Federal Spending in Region Total Non-Federal Spending in Region

endment/	MassDOT	MPO ▼	Municipality Name ▼	MassDOT		Funding Source		Federal Funds ▼	Non-Federal Funds		
ustment Type ▼	Project ID ▼			Project Description ▼	District ▼	Y	Programmed Funds ▼		Y	Information ▼	
Section 1A / Federal	Aid Target Proje	cts									
ISIP - Highway Safe											
	605651	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	HSIP	\$ 445,955	\$ 401,360	\$ 44,596	Adjusted for YOE \$3,806,434 (as of 4 100; 25% Design;	P/STP; Total Cost = \$4,110,949 by 8%; Non Adjusted Total Cost : 4/13/16); Construction; TEC 64 Cost includes utilites; AQ analysi bws positive impact
				No Projects Programmed			\$ -	\$ -	\$ -		
						HSIP Subtotal ▶	\$ 445,955	\$ 401,360	\$ 44,596	■ 90% Federal + 1	0% Non-Federal
CMAQ - Congestion		r Quality Improvement	t Program								
	605651	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	CMAQ	\$ 1,114,889	\$ 891,911	\$ 222,978	Adjusted for YOE \$3,806,434 (as of 4 100; 25% Design;	P/STP; Total Cost = \$4,110,949 by 8%; Non Adjusted Total Cost = 4/13/16); Construction; TEC 64 of Cost includes utilites; AQ analysions positive impact
				No Projects Programmed			\$ -	\$ -	\$ -		
						CMAQ Subtotal ▶	\$ 1,114,889	\$ 891,911	\$ 222,978	■ 80% Federal + 2	20% Non-Federal
TAP - Transportatio	n Alternatives Pro	ogram									
	605651	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	TAP	\$ 85,118	\$ 68,094	\$ 17,024	Adjusted for YOE \$3,806,434 (as of 4 100; 25% Design;	P/STP; Total Cost = \$4,110,949 by 8%; Non Adjusted Total Cost = 4/13/16); Construction; TEC 64 of Cost includes utilities; AQ analysions positive impact
						TAP Subtotal ▶	\$ 85,118	\$ 68,094	\$ 17,024	■ 80% Federal + 2	
OMA O/I IOID/TA	D (O4h)										
Non-CMAQ/HSIP/TA	605651	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	STP	\$ 2,464,987	\$ 1,971,990	\$ 492,997	Adjusted for YOE \$3,806,434 (as of 4 100; 25% Design;	P/STP; Total Cost = \$4,110,949 by 8%; Non Adjusted Total Cost = 4/13/16); Construction; TEC 64 of Cost includes utilities; AQ analysious positive impact
	607770	Montachusett	Lunenburg	LUNENBURG- RESURFACING & RELATED WORK ON ROUTE 13 (CHASE ROAD), FROM NORTHFIELD ROAD TO THE TOWNSEND T.L.	3	STP	\$ 1,765,063	\$ 1,412,050	\$ 353,013	Non Adjusted Tota Preliminary De	65,063 Adjusted for YOE by 8%; Il Cost = \$1,634,318 as of 6/7/16; sign; PRC Approved 4/7/2014; uction; TEC 35 of 100;
	607446	Montachusett	Westminster	WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	3	STP	\$ 1,512,000	\$ 1,209,600	\$ 302,400	Non Adjusted Total Prelim Design; Est	12,000 Adjusted for YOE by 8%; Cost = \$1,400,000 (as of 6/7/16) Const - Summer 2019; Consultar nstruction; TEC 43 of 100;
	604961	Montachusett	Clinton	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	3	STP	\$ 1,296,000	\$ 1,036,800	\$ 259,200	Adjusted Total C	,000 Adjusted for YOE by 8%;No ost = \$1,200,000 as of 4/28/16; gn; Construction; TEC 36 of 100.
	607604	Montachusett	Multiple	STERLING- WEST BOYLSTON- IMPROVEMENTS ON ROUTE 140 AT I-190	3	STP	\$ 810,000	\$ 648,000	\$ 162,000	Non Adjusted Total	810,000 Adjusted for YOE by 8% Cost = \$750,000 (as of 4/10/15) consultant Design; TEC 29 of 100; Construction;
	<u> </u>			Non-CN	MAQ/HSIP/TAF	Other) Subtotal ▶	\$ 7,848,050	\$ 6,278,440	\$ 1,569,610	■ 80% Federal + 2	
Section 1A / Fiscal C	Constraint Analys	ie									
Account IA / Listed C	onoti anti rafatys					ds Programmed ► ner) Programmed ►			■Total Target ■ Max. Non- CMAQ/HSIP/TAP	\$ 119,672	Target Funds Available Non-CMAQ/HSIP/TAP (Other) Available
					Total CM	SIP Programmed AQ Programmed TAP Programmed	\$ 1,114,889	\$ 1,114,889	✓ Min. HSIP✓ Min. CMAQ✓ Min. TAP	\$ -	HSIP Recommended Met CMAQ Recommended Met TAP Recommended Met

inendment/ 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 1B / Feder	al Aid Bridge Proje	cts								
STATEWIDE Syste	ematic Maintenance	Program								
OTATEMBE 0300	That is maintenance	Trogram			•			•		
			······································	STATEWIDE Bridge I	Maintenance I	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
On System										
On System	608612	Montachusett	Athol	ATHOL- BRIDGE REPLACEMENT, A-15-008, CRESCENT STREET OVER MILLERS RIVER	2	NHPP	\$ 8,140,880	\$ 6,512,704	\$ 1,628,176	
					On	System Subtotal ▶	\$ 8,140,880	\$ 6,512,704	\$ 1,628,176	■ 80% Federal + 20% Non-Federal
Off-System										
On-System	608259	Montachusett	Townsend	TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK	3	STP-BR-OFF	\$ 2,226,528	\$ 1,781,222	\$ 445,306	
	608260	Montachusett	Athol	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON	١ 2	STP-BR-OFF	\$ 2,446,848	\$ 1,957,478	\$ 489,370	
				AVE OVER ATHOL POND OUTLET	Off	-System Subtotal ▶	\$ 4,673,376	\$ 3,738,701	\$ 934 675	■ 80% Federal + 20% Non-Federal
					311	_, Jubiolal P	,070,070	- 0,700,701	- 30-,573	. 2270 Foundarie 2070 Horri Guoral
STATEWIDE Bridge I	nspection Program	-								
				STATEWIDE Bridg	e Inspection I	Program Subtotal ►	s -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
				STATEWIDE BIIIG	o mapeouom	Togram oubtotal	Ψ -	-	Ψ -	GO70 GGGIAI ZO70 NOIFI GGGIAI
0 " 10/5 !										
Section 10 / Feder	al Aid Non-Target F	Projects								
Other Federal Aid		•		No Projects Programmed	•		\$ -	\$ -	\$ -	
				No Projects Programmed No Projects Programmed			\$ -		\$ - \$ -	
		<u> </u>		No Frojects Frogrammed	Other Fee	leral Aid Subtotal ▶				Funding Split Varies by Funding Source
					Outer i ec	ierai Ald Gubiotai P	9		-	T unding Split values by I unding Source
Section 1D / Feder	al Aid Maior & State	e Category Projects								
Regional Major Infr	rastructure	•		No Projects Programmed	•		\$ -	\$ -	\$ -	
				No Projects Programmed	•			\$ -	\$ -	
					al Maior Infras	structure Subtotal ►		\$ -	\$ -	■ 80% Federal + 20% Non-Federal
0747514/255		A - A boundary of C	Ni	region			T			
SIATEWIDE Amer	icans with Disability	y Act Implementation	Pian		1			•	- Industrial Control of Control o	
				STATEWIDE ADA	: A Implementat	ion Plan Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Cong	nection Mitigation a	nd Air Quality								
OTATEWIDE CON	608193	Montachusett	Multiple	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	CMAQ	\$ 11,178,000			
					STATEWIDE	E CMAQ Subtotal ▶	\$ 11,178,000	\$ 8,942,400	\$ 2,235,600	◀ 80% Federal + 20% Non-Federal
STATEWIDE HSIP	Program									
		1		CTATE	WIDE HSIP I	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 90% Federal + 10% Non-Federal
				SIAIE	.vide Holf I	Togram oubtotal	¥	, 	-	4 0070 Federal F 1070 North ederal
STATEWIDE Infra	structure Program	•			*	-			\$	
				STATEWIDE II	nfrastructure I	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Inters	state Maintenance F	Program								
		1		STATEWIDE Interstate I	1			1		

mendment/ djustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds. ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
STATEWIDE Intellig	ent Transportation	Systems								
		1			STATEW	IDE ITS Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Nation	al Freight Bregran									
STATEWIDE Nation	ai Freignt Program	1		No Projects Programmed	1		\$ -	\$ -	\$ -	
				STATEWIDE Na	tional Freight F	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Nation	al Highway System	Preservation Pro	ogram		_					
		1		STATEWIDE NHS	Preservation I	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
CTATEM/IDE Diami	na Dunaunan					,				
STATEWIDE Planni	ng Program				1					
				STATEW	DE Planning F	Program Subtotal ▶	\$ -	\$ -	-	■ 80% Federal + 20% Non-Federal
STATEWIDE Railroa	d Grade Crossing	S								
				STATEWIN	RR Grade ∩	rossings Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
OTATEMIDE C 1)	D		SIAILWIDE						. 2270 Found 2070 Horri Good
STATEWIDE Safe F	coutes to Schools	Program			*	1				
				STATEWIDE Safe Route	s to Schools F	Program Subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
STATEWIDE Storm	water Retrofits				<u> </u>					
	608594	Montachusett	Lancaster	LANCASTER - STORMWATER IMPROVEMENTS ALONG ROUTE 2	3	STP-TE	\$ 370,625	\$ 296,500	\$ 74,125	
					E Stormwater	Retrofits Subtotal ▶	\$ 370,625	\$ 296,500	\$ 74,125	■ 80% Federal + 20% Non-Federal
STATEWIDE Transp	ortation Enhance	ments								
				No Projects Programmed No Projects Programmed				\$ - \$ -	\$ - \$ -	
				STATEWIDE Transpo	rtation Enhan	cements Subtotal ▶		\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
Other STATEWIDE	Items									
		1								
				Oth	er STATEWIL	E Items Subtotal ▶	\$	\$ -	-	■ Funding Split Varies by Funding Source
Section 2A / Non-Fe	doral Projects									
	ederai Projects									
Non Federal Aid		*		No Projects Programmed	4	NFA	\$ -	•	\$ -	
		<u> </u>		No Projects Programmed	1	NFA	\$ -		\$ -	
					Non-Fe	deral Aid Subtotal▶	\$ -		\$ -	◀100% Non-Federal
Section 2B / Non-Fe	ederal Bridge Proje	ects								
Section 2B / Non-Fe	ederal Bridge Proje	ects								
				No Projects Programmed	1	NFA	\$ -		•	
				No Projects Programmed Section 2B / Non-F	ederal Bridge	Projects Subtotal▶			\$ - \$ -	◀100% Non-Federal
							TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects	
2019 M	ontachu	usett M	PO TIP Sumn	nary			Coulon 1. Y	occion 2. v	▼	
						Total ►		\$ -		■ Total Spending in Region
					Nio	Federal Funds ▶		\$ -		 ▼ Total Federal Spending in Region ▼ Total Non-Federal Spending in Region
					INC	n Fireuerai FulluS ▶	ψ 0,720,783	· Ψ -	ψ 0,720,783	Total Non-Federal Spending in Region
				R 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Un			L			

Amenament/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼	
	T TOJECT ID T			1 Toject Beschpton v	District 1		Funds ▼				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Section 1A / Federa	al Aid Target Proje	ects									
HSIP - Highway Sa	fety Improvement	Program									
	606420	Montachusett	Fitchburg	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	HSIP	\$ 445,95	5 \$ 401,360	\$ 44,596	Adjusted for YOE \$1,800,00 Reconstruction/Re	P/STP; Total Cost = \$2,016,000 by 12%; Non Adjusted Total Cost 0 (as of 4/10/13); Highway storation & Rehab; Prelim Desig 4 of 100; Construction;
				No Projects Programmed			\$ -	\$ -	\$ -	,	
						HSIP Subtotal ▶	\$ 445,95	5 \$ 401,360	\$ 44,596	◀ 90% Federal +	10% Non-Federal
CMAC Commonting	n Mitigation and A	ir Quality Improvemen	at Dragger								
- CIVIAQ - Congestion	606420	Montachusett	Fitchburg	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS	3	CMAQ	\$ 1,114,88	\$ 891,911	\$ 222,978	HSIP/CMAQ/TA	P/STP; Total Cost = \$2,016,000
			, G	@ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY					•	Adjusted for YOE \$1,800,00 Reconstruction/Re	by 12%; Non Adjusted Total Cost 0 (as of 4/10/13); Highway estoration & Rehab; Prelim Design 4 of 100; Construction;
				No Projects Programmed			\$ -	\$ -	\$ -		
						CMAQ Subtotal ▶	\$ 1,114,88	\$ 891,911	\$ 222,978	■ 80% Federal +	20% Non-Federal
► TAP - Transportation	on Alternatives Dr										
PTAP - Transportati	606420	Montachusett	Fitchburg	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	TAP	\$ 122,34	97,874	\$ 24,469	Adjusted for YOE \$1,800,00 Reconstruction/Re	P/STP; Total Cost = \$2,016,000 by 12%; Non Adjusted Total Cost 0 (as of 4/10/13); Highway storation & Rehab; Prelim Design 4 of 100; Construction;
				No Projects Programmed	•		\$ -	\$ -	\$ -		
						TAP Subtotal ▶	\$ 122,34	3 \$ 97,874	\$ 24,469	◀ 80% Federal +	20% Non-Federal
► Non-CMAQ/HSIP/T	AP (Other)										
PROTEOTIA GITTA	606420	Montachusett	Fitchburg	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	STP	\$ 332,81	3 \$ 266,250	\$ 66,563	Adjusted for YOE \$1,800,00 Reconstruction/Re	P/STP; Total Cost = \$2,016,000 by 12%; Non Adjusted Total Cost 0 (as of 4/10/13); Highway storation & Rehab; Prelim Design 4 of 100; Construction;
	601957	Montachusett	Ashburnham	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	3	STP	\$ 5,040,00	4,032,000	\$ 1,008,000	Total Cost = \$5,0 Non Adjusted Tota Preliminary des sidewalk; better es	40,000 Adjusted for YOE by 12% I Cost = \$4,500,000 as of 4/13/1 gn; drainage not included w/new titmate \$4,500,000 (as of 4/10/13); Prelim Design; Construction;
	607902	Montachusett	Ayer	AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET		STP	\$ 2,419,20	1,935,360		Non Adjusted Tota Preliminary De Constr	19,200 Adjusted for YOE by 12% I Cost = \$2,160,000 as of 5/23/1 sign; PRC Approved 8/1/2014; uction; TEC 41 of 100;
				Non-CM	AQ/HSIP/TAP	(Other) Subtotal ▶	\$ 7,792,01	8 \$ 6,233,610	\$ 1,558,403	■ 80% Federal +	20% Non-Federal
► Section 1A / Fiscal	Constraint Analys	sis									
		-				ds Programmed ▶			◀ Total Target		Target Funds Available
				Total Non-CMAQ/H	ISIP/TAP (Oth	er) Programmed ▶	\$ 7,792,01	8,158,168	■ Max. Non- CMAQ/HSIP/TAP	\$ 366,155	Non-CMAQ/HSIP/TAP (Other) Available
						SIP Programmed >					HSIP Recommended Met
						AQ Programmed ► AP Programmed ►			■ Min. CMAQ ■ Min. TAP		CMAQ Recommended Met TAP Recommended Met

mendment/ djustment 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 1B / Federa	al Aid Bridge Proje	cts								
STATEWIDE System	matic Maintenance	Program								
		1				<u> </u>		•		
				STATEWIDE Bridge M	Maintenance F	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
On System										
Oli System	608189	Montachusett	Fitchburg	FITCHBURG - BRIDGE REPLACEMENT, F-04-018, ROUTE	3	NHPP	\$ 4,793,936	\$ 3,835,149	\$ 958,787	
	000109	ivioritacriusett	Fichburg	12 (WATER STREET) OVER NORTH NASHUA RIVER	3	NTIFF	\$ 4,793,930	\$ 3,033,149	\$ 930,767	
					On	System Subtotal ▶	\$ 4,793,936	\$ 3,835,149	\$ 958,787	■ 80% Federal + 20% Non-Federal
Off-System										
	608639	Montachusett	Westminster	WESTMINSTER - BRIDGE REPLACEMENT, W-28-010, WHITMANVILLE ROAD OVER WHITMAN RIVER	D3	STP-BR-OFF	\$ 2,791,264	\$ 2,233,011	\$ 558,253	
					Off-	System Subtotal >	\$ 2,791,264	\$ 2,233,011	\$ 558,253	■ 80% Federal + 20% Non-Federal
STATEWIDE Bridge Ir	spection Program									
				STATEWIDE Bridg	e Inspection F	Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Section 1C / Federa	al Aid Non-Target I	Projects								
Other Federal Aid										
		•		No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -		\$ -	
					Other Fed	eral Aid Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Section 1D / Federa	al Aid Major & Stat	e Category Projects								
Regional Major Infra	astructure									
				No Projects Programmed			\$ -		\$ -	
				No Projects Programmed			\$ -		\$ -	
				Regiona	al Major Infras	tructure Subtotal ▶	\$ -	\$ -	-	■ 80% Federal + 20% Non-Federal
STATEWIDE Ameri	cans with Disabilit	Act Implementation Pla	ın	No Projects Programmed	•		\$ -	\$ -	\$ -	
		•		No Projects Programmed No Projects Programmed	-		\$ -		\$ -	
		<u> </u>		1	Implementati	on Plan Subtotal ▶	1	1	\$ -	■ 80% Federal + 20% Non-Federal
OTATEMIDE C		and Alm Overlife :		SIMEWIDE ADA	p.omondu				·	
STATEWIDE Cong	estion Mitigation a	no Air Quality								
			······		STATEWIDE	CMAQ Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE HSIP	Program									
		1						<u></u>		
				STATE	WIDE HSIP F	Program Subtotal ▶	\$ -	s -	\$ -	■ 90% Federal + 10% Non-Federal
STATEWIDE Infras	tructure Program									
										4.000/ 5-41 . 000/ 51 . 5 . 1
				STATEWIDE IN	iirastructure F	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Inters	tate Maintenance F	Program								
				STATEWIDE Interstate N	<u> </u>		\$ -	\$ -	\$ -	■ 90% Federal + 10% Non-Federal

nendment/ ljustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds. ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
TATEWIDE Intelli	gent Transportation	n Systems								
					STATEWI	DE ITS Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
TATEWINE Natio	nal Freight Progran	2								
JIAILWIDE NACO	na rreigne rregran			No Projects Programmed			\$ -	\$ -	\$ -	
		1		No Projects Programmed STATEWI	DE National Freight P	rogram Subtotal ▶	\$ -	\$ - \$ -	\$ - \$ -	■ 80% Federal + 20% Non-Federal
TATEWINE Natio	nal Highway System	n Preservation Program	n							
TATEWIDE Natio	nai riigiiway Systei	Treservation rrogram			1					
				STATEWIDI	E NHS Preservation P	rogram Subtotal ▶	\$ -	\$ -	-	■ 80% Federal + 20% Non-Federal
STATEWIDE Plann	ing Program				•					
				ST	ATEWIDE Planning P	rogram Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
STATEWIDE Railro	oad Grade Crossing	js.								
		1		CTAT	EWIDE RR Grade Cro	nesings Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
OTATEMUDE C. C	D4 4- O-b .	D		SIAI	LITIDE IN GIAGE OF	OSSITIVO SUDIDIAI P			- *	3 55 /0 Gueral 20 /0 NOIT-Federal
STATEWIDE Sate	Routes to Schools	Program								
				STATEWIDE Safe	e Routes to Schools P	rogram Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
STATEWIDE Storn	nwater Retrofits									
				STAT	FEWIDE Stormwater F	: Retrofits Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Trans	sportation Enhance	ments								
OTATEVIDE TRAIS	portation Elimanee			No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed STATEWIDE T	Fransportation Enhanc	ements Subtotal ►	\$ - \$ -	\$ - \$ -	\$ - \$ -	■ 80% Federal + 20% Non-Federal
Other STATEWIDE	Items									
					Other STATEWIDI	E Items Subtotal ▶	\$ -	\$ -	\$ -	▼ Funding Split Varies by Funding Source
Section 2A / Non-F	ederal Projects									
Non Federal Aid		1						<u> </u>		
					Non-Fed	leral Aid Subtotal▶	\$ -		\$ -	◀100% Non-Federal
Section 2B / Non-F	Federal Bridge Proj	ects								
Section 2B / Non-F	Federal Bridge Proje	ects								
				No Projects Programmed		NFA	\$ -		\$ -	
				No Projects Programmed Section 2B	/ Non-Federal Bridge I	NFA Projects Subtotal►	\$ - \$ -		\$ - \$ -	■100% Non-Federal
							TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects	
2020 M	ontachu	usett MP(O TIP Sumn	nary					▼	
						Total ►				■ Total Spending in Region
					Nor	Federal Funds ▶ n-Federal Funds ▶				 ■ Total Federal Spending in Region ■ Total Non-Federal Spending in Region
					INOI	n ouciai Fullus 🕨	Ψ 3,307,403	¥	φ 3,307,403	- rotal North ederal opending in Region
	704 0140 7 00 11	Road Floragers and Relice Date	sile on Public Worke Projects / 701 CMR	7.00 (the Regulation) was promulgated and became law on October 3, 2	008 Under this Pegulation	the CMP is applicable t	n any Dublic works Dro	iact that is parformed with	nin the limite of or that impar	t traffic on any Public Poad. The Municipal Limitation

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 / Federa	al Aid Target Proje	ects									
► HSIP - Highway Sa	fety Improvement	Program									
	604499	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	HSIP	\$ 445,955	5 \$ 401,360	\$ 44,596	\$9,686,174 Adjus Total Cost = \$8,3 Design; Constru	P/CMAQ Possible; Total Cost = sted for YOE by 16%; Non Adjuste 350,150 as of 4/13/16; Preliminary action; If Widening Involved Likely P within Limits; TEC 37 of 100.
				No Projects Programmed	1		\$ -	\$ -	\$ -		
						HSIP Subtotal ▶	\$ 445,955	5 \$ 401,360	\$ 44,596	■ 90% Federal +	10% Non-Federal
	- Mid A	ir Quality Improvement	D								
CWAQ - Congestio	604499	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	CMAQ	\$ 1,114,889	\$ 891,911	\$ 222,978	\$9,686,174 Adjus Total Cost = \$8,3 Design; Constru	P/CMAQ Possible; Total Cost = sted for YOE by 16%; Non Adjuste 350,150 as of 4/13/16; Preliminary action; If Widening Involved Likely within Limits; TEC 37 of 100.
				No Projects Programmed	1		\$ -	\$ -	\$ -		
						CMAQ Subtotal ▶	\$ 1,114,889	9 \$ 891,911	\$ 222,978	■ 80% Federal +	20% Non-Federal
►TAP - Transportati	on Alternatives Pr	ogram									
·	604499	Montachusett	Leominster	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	TAP	\$ 310,967	\$ 248,774	\$ 62,193	\$9,686,174 Adjus Total Cost = \$8,3 Design; Constru	P/CMAQ Possible; Total Cost = sted for YOE by 16%; Non Adjuste 350,150 as of 4/13/16; Preliminary action; If Widening Involved Likely P within Limits; TEC 37 of 100.
				No Projects Programmed	1		\$ -	\$ -	\$ -		
						TAP Subtotal ▶	\$ 310,967	\$ 248,774	\$ 62,193	◀ 80% Federal +	20% Non-Federal
► Non-CMAQ/HSIP/T	AP (Other)										
	604499	MONTACHUSETT	Leominster	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	STP	\$ 7,814,363	\$ 6,251,490	\$ 1,562,873	\$9,686,174 Adjus Total Cost = \$8,3 Design; Constru	P/CMAQ Possible; Total Cost = sted for YOE by 16%; Non Adjuste 350,150 as of 4/13/16; Preliminary action; If Widening Involved Likely P within Limits; TEC 37 of 100.
				No Projects Programmed			\$ -	\$ -	\$ -		
				Non-CM	AQ/HSIP/TAP	(Other) Subtotal ▶	\$ 7,814,363	8 \$ 6,251,490	\$ 1,562,873	■ 80% Federal +	20% Non-Federal
► Section 1A / Fiscal	Constraint Analys	is									
				Total Federal Ai Total Non-CMAQ/H		ls Programmed ► er) Programmed ►					Target Funds Available Non-CMAQ/HSIP/TAP (Other) Available
						IP Programmed ▶					HSIP Recommended Met
						AQ Programmed ► AP Programmed ►			✓ Min. CMAQ ✓ Min. TAP		CMAQ Recommended Met TAP Recommended Met
					1014117		510,907	, J 010,307			roodiiiiolidad Wat

endment/ ustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds V	Non-Federal Funds ▼	Additional Information ▼	
Section 1B / Federa	al Aid Bridge Proje	cts									
STATEWIDE Syste	matic Maintenance	Program									
					1						
				STATEWIDE Bridge	Maintenance	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20	0% Non-Federal
On System											
					1			<u> </u>			
					Or	System Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20	0% Non-Federal
ff-System											
	608635	Montachusett	Shirley	SHIRLEY - BRIDGE REPLACEMENT, S-13-005, LONGLEY ROAD OVER MULPUS BROOK	D3	STP-BR-OFF	\$ 1,764,940				
					Of	-System Subtotal ▶	\$ 1,764,940) \$ 1,411,952	\$ 352,988	■ 80% Federal + 20	0% Non-Federal
STATEWIDE Bridge II	nspection Program										
				STATEWIDE Bridg	ge Inspection	Program Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20	0% Non-Federal
section 1C / Federa	al Aid Non-Target I	Projects									
Other Federal Aid											
				No Projects Programmed			\$ -		\$ -		
				No Projects Programmed			\$ -	\$ -	\$ -		
					Other Fe	deral Aid Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Var	ies by Funding Source
D4: 4D / F1	-1 Ai-1 B#-i 0 O4-4	O-4									
Section 1D / Feder	ai Aid Major & Stat	e Category Projects									
Regional Major Infr	astructure	•			,						
				No Projects Programmed No Projects Programmed	+		\$ -	\$ - \$ -	\$ - \$ -		
					al Major Infra	structure Subtotal ►		\$ -	\$ -	◀ 80% Federal + 20	0% Non-Federal
STATEWIDE Ameri	cans with Disabilit	Act Implementation F	Plan								
									0.000		
				STATEWIDE AD	A Implementa	tion Plan Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20	0% Non-Federal
STATEWIDE Cong	jestion Mitigation a										
	607347	Montachusett	Gardner	GARDNER- BIKE PATH CONSTRUCTION, NORTH CENTRA PATHWAY (PHASE VI)	L 3	CMAQ	\$ 3,000,000	2,400,000	\$ 600,000		
			•		STATEWID	E CMAQ Subtotal ▶	\$ 3,000,000	\$ 2,400,000	\$ 600,000	■ 80% Federal + 20	0% Non-Federal
STATEWIDE HSIP	Program										
	-								-		
				STATE	WIDE HSIP	: Program Subtotal ▶	\$ -	\$ -	\$ -	■ 90% Federal + 10	0% Non-Federal
STATEWIDE Infras	structure Program	1			·	· · · · · · · · · · · · · · · · · · ·				ļ	
				STATEWIDE I	nfrastructure	Frogram Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20)% Non-Federal
TATEWIDE Inters	tate Maintenance F	Program									
TTIDE IIICIS	municinality	· • • • • • • • • • • • • • • • • • • •			•		1	+			

mendment/	MassDOT	MPO ▼	Municipality Name ▼	MassDOT		Funding Source		Federal Funds ▼	Non-Federal Funds	
justment Type ▼	Project ID ▼			Project Description ▼	District ▼	▼	Programmed Funds ▼		▼	Information ▼
TATEWIDE Intellin	gent Transportation	n Svetome								
TATEWIDE Intellig	gent Transportation	Systems								
					STATEWI	DE ITS Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Nation	nal Freight Progran	n								
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed STATE	WIDE National Freight P	: rogram Subtotal ▶	\$ - \$ -	\$ - \$ -	\$ - \$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Nation	nal Highway Syster	n Preservation Program			•			-		
				STATEW	DE NHS Preservation P	rogram Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Planni	ing Program									
		1						1		
					STATEWIDE Planning P	rogram Subtotal >	\$ -	\$ -	· S -	■ 80% Federal + 20% Non-Federal
STATEWIDE Railro	ad Grade Crossing	ıs								
				ST.	ATEWIDE RR Grade Cr	ossings Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
OTATEM//DE 0 1	D4 4 0 ! :	D				.,,		7		
STATEWIDE Safe I	Routes to Schools	Program			*					
				STATEWIDE S	afe Routes to Schools P	rogram Subtotal ▶	\$ -	\$ -	s -	■ Funding Split Varies by Funding Source
STATEWIDE Storm	water Retrofits									
C.ALLINDE GOIIII					1					
				ST	ATEWIDE Stormwater F	Retrofits Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
STATEWIDE Trans	nautation Enh									
STATEWIDE TRAINS	portation Enhance	ments		No Projects Programmed			\$ -	\$ -	\$ -	
		1		No Projects Programmed	- T		\$ - \$ -	\$ - \$ -	\$ -	- 2007 E-11- 2007 N E-11
				STATEWIDE	E Transportation Enhance	ements Subtotal >	5 -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Other STATEWIDE	Items	*			1	Ē.				
					Other STATEWID	E Items Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Section 2A / Non-Fe	ederal Projects									
Non Federal Aid	1									
		1			Ne - 5 -	loval Aid Cubtet-Is	•			41000/ New Forderel
					Non-Fed	leral Aid Subtotal▶	ъ -		\$ -	◀100% Non-Federal
Section 2B / Non-Fe	ederal Bridge Proj	ects								
Section 2B / Non-Fe	ederal Bridge Proj	ects								
		***		No Projects Programmed		NFA	\$ -	1	\$ -	
				No Projects Programmed Section 2	B / Non-Federal Bridge	NFA Projects Subtotal▶	\$ - \$ -	-	\$ - \$ -	◀100% Non-Federal
					_ ,	, 5000 500000000				
2021 M	ontachi	usett MPC	TIP Sumn	nary			TIP Section 1: \	TIP Section 2: ▼	Total of All Projects ▼	
						Total ▶	\$ 14,451,114	\$ -	\$ 14.451.114	■ Total Spending in Region
						Federal Funds ▶	\$ 11,605,487		\$ 11,605,487	■ Total Federal Spending in Region
					Noi	n-Federal Funds ▶	\$ 2,845,627	7 \$ -	\$ 2,845,627	■ Total Non-Federal Spending in Region

Project List (FY2017) FTA Program Project Number Transit Agency								
FTA Program Project Number Transit Agency								
Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC L	ocal Funds	Total Cost
5307								
5307 RTD0004829 Montachusett Regional Transit Authorit	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$40,000	\$10,000	\$0	\$0	\$50,000
5307 RTD0004832 Montachusett Regional Transit Authorit	/ 123404	REHAB/RENOV - PARK & RIDE FACILITY		\$80,000	\$20,000	\$0	\$0	\$100,000
5307 RTD0004837 Montachusett Regional Transit Authorit	111215	BUY REPLACEMENT VAN (5)		\$236,000	\$59,000	\$0	\$0	\$295,000
5307 RTD0004960 Montachusett Regional Transit Authorit	/ 114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$100,000	\$25,000	\$0	\$0	\$125,000
5307 RTD0004833 Montachusett Regional Transit Authorit	, 114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$320,000	\$80,000	\$0	\$0	\$400,000
5307 RTD0004849 Montachusett Regional Transit Authorit	/ 111204	BUY REPLACEMENT <30 FT BUS (2)		\$146,000	\$36,500	\$0	\$0	\$182,500
5307 RTD0005100 Montachusett Regional Transit Authorit	/ 113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		\$200,000	\$50,000	\$0	\$0	\$250,000
5307 RTD0004830 Montachusett Regional Transit Authorit	300901	UP TO 50% FEDERAL SHARE		\$2,000,000	\$2,000,000	\$0	\$0	\$4,000,000
5307 RTD0004963 Montachusett Regional Transit Authorit	/ 117C00	NON FIXED ROUTE ADA PARA SERV		\$240,000	\$60,000	\$0	\$0	\$300,000
			Subtotal	\$3,362,000	\$2,340,500	\$0	\$0	\$5,702,500
5309			Subtotal	\$0	\$0	\$0	\$0	\$0
5310			Subtotal	\$0	\$0	\$0	\$0	\$0
5311			Subtotal	\$0	\$0	\$0	\$0	\$0
5337			Subtotal	\$0	\$n	\$0	\$0	\$0
5339			Subtotal	\$0	<u> </u>	\$0	\$0	<u> </u>
5320			Subtotal	\$0	\$0	\$0	\$0	\$0
3320			Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal			Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal								Ţ
Other Non-Federal RTD0005411 Montachusett Regional Transit Authorit	/ 113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		\$0	\$132,000	\$0	\$0	\$132,000
			Subtotal	\$0	\$132,000	\$0	\$0	\$132,000
			Total	\$3,362,000	\$2,472,500	\$0	\$0	\$5,834,500
Funds listed under the Carry Over column are included in the Federal Amount								

Transportation Improven	nent Program	(TIP)								
Project List (FY2018)										
FTA Program	Project Numbe	er Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307	·	• •	·	· · ·	<u>, , , , , , , , , , , , , , , , , , , </u>					
5	307 RTD0004841	Montachusett Regional Transit Authority	113209	ACQUIRE - BUS ROUTE SIGNING		\$600,000	\$150,000	\$0	\$0	\$750,000
5	307 RTD0004842	Montachusett Regional Transit Authority	129405	REHAB/RENOV PED ACCESS / WALKWAYS		\$140,000	\$35,000	\$0	\$0	\$175,000
9	307 RTD0004961	Montachusett Regional Transit Authority	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$160,000	\$40,000	\$0	\$0	\$200,000
9	307 RTD0004851	Montachusett Regional Transit Authority	111215	BUY REPLACEMENT VAN (8)		\$307,200	\$76,800	\$0	\$0	\$384,000
5	307 RTD0004964	Montachusett Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$300,000	\$75,000	\$0	\$0	\$375,000
5	307 RTD0004972	Montachusett Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE		\$200,000	\$50,000	\$0	\$0	\$250,000
5	307 RTD0004831	Montachusett Regional Transit Authority	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$1,500,000	\$0	\$0	\$3,000,000
5	307 RTD0004834	Montachusett Regional Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$40,000	\$10,000	\$0	\$0	\$50,000
					Subtotal	\$3,247,200	\$1,936,800	\$0	\$0	\$5,184,000
5309					Subtotal	\$0	\$0	\$0	\$0	\$0
5310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotal	\$0	\$0	\$0	\$0	\$0
5337						<u> </u>				
					Subtotal	\$0	\$0	\$0	\$0	\$0
5339					Subtotal	\$0	\$0	\$0	\$0	\$0
5320					Subtotal	\$0	\$n	\$0	\$0	\$0
Other Federal						<u> </u>	<u>.</u>			·
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal					Subtotal	\$0	\$0	\$0	\$0	\$0
					Total		\$1,936,800			\$5,184,000
Funds listed under the Carry Over colum	n					. , , ,				
are included in the Federal Amount										

Transportation Improve	ment Program	(TIP)								
Project List (FY2019)										
FTA Program	Project Numbe	r Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC L	ocal Funds	Total Cost
5307	·		·	·	<u> </u>					
	5307 RTD0004835	Montachusett Regional Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$160,000	\$40,000	\$0	\$0	\$200,000
	5307 RTD0004836	Montachusett Regional Transit Authority	111215	BUY REPLACEMENT VAN (8)		\$400,000	\$100,000	\$0	\$0	\$500,000
	5307 RTD0004969	Montachusett Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT)		\$80,000	\$20,000	\$0	\$0	\$100,000
	5307 RTD0004973	Montachusett Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE		\$300,000	\$75,000	\$0	\$0	\$375,000
	5307 RTD0004965	Montachusett Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$320,000	\$80,000	\$0	\$0	\$400,000
	5307 RTD0004840	Montachusett Regional Transit Authority	300901	UP TO 50% FEDERAL SHARE		\$1,280,000	\$1,280,000	\$0	\$0	\$2,560,000
	5307 RTD0004843	Montachusett Regional Transit Authority	111202	BUY REPLACEMENT 35-FT BUS (3)		\$875,000	\$512,500	\$0	\$0	\$1,387,500
					Subtotal	\$3,415,000	\$2,107,500	\$0	\$0	\$5,522,500
5309					Subtotal	\$0	\$0	\$0	\$0	\$0
5310					Sustatu	 		- 70		ψū
					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotal	\$0	\$0	\$0	\$0	\$0
5337					Subtotal	\$0	\$0	\$0	\$0	\$0
5339					Jubiotal		 	70	70	70
3339					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		\$2,107,500			\$5,522,500
Funds listed under the Carry Over colur are included in the Federal Amount	mn					72,122,000	, 1,221,7200		70	, ,,==,,=0

Transportation Improvement P	rogram (TIP)								
Project List (FY2020)										
	ject Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC L	ocal Funds	Total Cost
5307			·	· · ·	, , , , , , ,					
5307 RTD	00004846	Montachusett Regional Transit Authority	111215	BUY REPLACEMENT VANS (5)		\$260,000	\$32,500	\$0	\$32,500	\$325,000
5307 RTD	00004839	Montachusett Regional Transit Authority	119202	PURCHASE BUS SHELTERS		\$80,000	\$20,000	\$0	\$0	\$100,000
5307 RTD	00004845	Montachusett Regional Transit Authority	300901	UP TO 50% FEDERAL SHARE		\$1,070,000	\$1,070,000	\$0	\$0	\$2,140,000
5307 RTD	00004974	Montachusett Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE		\$400,000	\$100,000	\$0	\$0	\$500,000
5307 RTD	00004966	Montachusett Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$330,000	\$82,500	\$0	\$0	\$412,500
5307 RTD	00004844	Montachusett Regional Transit Authority	111203	BUY REPLACEMENT 30-FT BUS (3)		\$800,000	\$200,000	\$0	\$0	\$1,000,000
5307 RTD	00005103	Montachusett Regional Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$48,000	\$12,000	\$0	\$0	\$60,000
					Subtotal	\$2,988,000	\$1,517,000	\$0	\$32,500	\$4,537,500
5309					Subtotal	\$0	\$0	\$0	\$0	\$0
5310					Jubiciui	, , , , , , , , , , , , , , , , , , , 		70	70	70
3310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotal	\$0	\$0	\$0	\$0	\$0
5337							<u> </u>		<u> </u>	
					Subtotal	\$0	\$0	\$0	\$0	\$0
5339					Subtotal	\$0	\$0	\$0	\$0	\$0
5320						<u> </u>	<u>.</u>			
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal										
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal					Subtotal	\$0	Śn	\$0	\$0	\$0
					Total			\$0		\$4,537,500
Funds listed under the Carry Over column are included in the Federal Amount					15.5.	Ψ2,500,000	, 1,521, ,500	70	\$32,330	+ 1,007,000

Transportation Improveme	nt Program	(TIP)								
Project List (FY2021)										
FTA Program	Project Number	r Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307	·			· · ·	<u> </u>					
530	7 RTD0004968	Montachusett Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT)		\$600,000	\$150,000	\$0	\$0	\$750,000
530	7 RTD0004967	Montachusett Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$330,000	\$82,500	\$0	\$0	\$412,500
530	7 RTD0004970	Montachusett Regional Transit Authority	300901	UP TO 50% FEDERAL SHARE		\$1,070,000	\$1,070,000	\$0	\$0	\$2,140,000
530	7 RTD0004975	Montachusett Regional Transit Authority	117A00	PREVENTIVE MAINTENANCE		\$400,000	\$100,000	\$0	\$0	\$500,000
530	7 RTD0005108	Montachusett Regional Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$72,000	\$18,000	\$0	\$0	\$90,000
530	7 RTD0005114	Montachusett Regional Transit Authority	111215	BUY REPLACEMENT VAN (6)	2020 - \$325,000	\$325,000	\$40,625	\$0	\$40,625	\$406,250
530	7 RTD0005115	Montachusett Regional Transit Authority	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$400,000	\$100,000	\$0	\$0	\$500,000
	7 RTD0005116	Montachusett Regional Transit Authority		BUY REPLACEMENT TROLLEY BUS		\$400,000	\$50,000		\$50,000	
		, , , , , , , , , , , , , , , , , , , ,			Subtotal		\$1,611,125		. ,	\$5,298,750
5309					Subtotal	\$0	\$0	\$0	\$0	\$0
5310					Cultural	ćo				
					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotal	\$0	\$0	\$0	\$0	\$0
5337					Subtotal	\$0	\$n	\$0	\$0	\$0
5339					Jubiotui	70	70	70	70	
3333					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		\$1,611,125			\$5,298,750
Funds listed under the Carry Over column						, , , , , , , , , , , , , , , , , , , ,			,,	. , ., .,
are included in the Federal Amount										

Appendix Montachusett MPO Transportation Improvement Program

Project			TEC Total	Design	Est Cost	
ID#	Community	Description	Score	Status	ProjectInfo	Additional Information
607704	Groton/Littleton	Groton/Littleton - Resurfacing & Related Work on Route 119	40	Preliminary Design (ProjectInfo)	\$9,775,000	Project Info Est Cost = \$9,775,000 (as of 1/6/14); Prelim Design; Est Const - Winter 2016/2017; MassDOT Design; TEC 40 of 100;
605393	Harvard/Lancaster	Harvard- Lancaster- Reconstruction & Widening on Rt 2 Ramps @ 35, 36 & 38	36	Preliminary Design (ProjectInfo)	\$2,246,400	MassDOT designer on board; possible HSIP; estimate \$2,246,400 (as of 4/10/13); Construction; TEC 36 of 100; Prelim Design.
606640	Ayer	Ayer- Resurfacing & Related Work on Rt 2A (Fitchburg Rd & Park St)	35	Preliminary Design (ProjectInfo)	\$2,400,000	Project Info Est Cost = \$2,400,000 9as of 4/10/13); Resurfacing; Prelim Design; TEC 35 of 100;
601965	Groton/Pepperell/ Townsend	Groton- Pepperell- Townsend- Resurfacing & Related Work on Rt 119	34	Preliminary Design (ProjectInfo)	\$4,025,000	Construction; State needs a designer; NHS eligible; Need to break out by town due to cost; TEC 34 of 100; Prelim Design.
606348	Ayer	Ayer - Resurfacing and Related Work on Route 2A, From Sandy Pond Road to the Littleton Town Line	33	Preliminary Design (ProjectInfo)	\$1,200,000	Project Info Est Cost = \$1,200,000 (as of 1/6/14); Prelim Design; Est Const - Winter 2018/2019; MassDOT Design; TEC 33 of 100;
601220	Townsend	Townsend - Resurfacing & Related Work on Rt 13	32	Preliminary Design (ProjectInfo)	\$2,353,781	Non Adjusted Total Cost = \$2,353,780 as of 1/6/14; Preliminary Design; Town to do design; possible book job; TEC = 32 of 100;
607432	Westminster	Westminster - Rehabilitation & Box Widening on Rt 140, From Patricia Rd to the Princeton T.L.	32	Preliminary Design (ProjectInfo)	\$4,200,000	Project Info Est Cost = \$4,200,000 (as of 1/6/14); Prelim Design; Est Const - Summer 2019; Municipality Design; TEC 32 of 100;
607848	Hubbardston	Hubbardston- Resurfacing and Related Work on Route 68, from Williamsville	25	Preliminary Design (ProjectInfo)	\$5,040,000	Preliminary Design; PRC Approved 4/7/2014; TEC 25 of 100;
607431	Westminster	Westminster - Resurfacing & Related Work on Route 140, From Route 2A to Patricia Road	25	Preliminary Design (ProjectInfo)	\$1,800,000	Project Info Est Cost = \$1,800,000 (as of 1/6/14); Prelim Design; Est Const - Summer 2019; Municipality Design; TEC 25 of 100;
601366	Harvard	Harvard- Resurfacing & Related Work on Rt 110 (Still River Rd)	21	Preliminary Design (ProjectInfo)	\$3,000,000	Construction; TEC 21 of 100; Prelim Design.
608177	Ashby	Ashby - Reconstruction of Route 119 (Townsend Road) from Bernhardt Road to Route 31.	20	Preliminary Design	\$6,900,000	Preliminary Design; PRC Approved 3/20/2015; TEC 20 of 100;
607260	Petersham	Petersham - Resurfacing & Related Work on Rt 122	15	Preliminary Design (ProjectInfo)	\$4,680,000	MassDOT in house design; estimate \$4,680,000 (as of 4/10/13); TEC 15 of 100;
				Total Est Cost	\$47,620,181	