Major Infrastru **Bicycle/Pedestrian** Major Infrastructure (Corridor) **Complete Streets** Intersection Improvement , (Intersectio Goal Area Criterion Туре Max Base Ма Max Equity Max Base Max Equity Max Base Max Equity Max Base Max Equity Max Base Points Points Points Points Points Points Points Points Points Crash Severity/EPDO Priority Location Crash Rate - Intersection Priority Location Crash Rate - Corridor Priority Location Improves Truck Safety Proposed Solution Safety Improves Bicycle Safety **Proposed Solution** Improves Pedestrian Safety **Proposed Solution** Improves Safety for All Users Proposed Solution Addresses Documented Safety Issue Identified Issue Safety Subtotal Resliency Elements in Design Proposed Solution Improves Evacuation Route Proposed Solution Improves Connectivity to Critical Facilities Priority Location System Improves Transit Assets Proposed Solution Preservation Improves Existing Bridge Proposed Solution and Modernization Improves Existing Pavement Proposed Solution Improves Existing Pedestrian Facilities Proposed Solution Improves Other Existing Assets Proposed Solution System Preservation and Modernization Subtotal Reduces Transit Passenger Delay Expected Outcome Invests in New Transit Assets Proposed Solution Improves Pedestrian Network / ADA Accessibility Proposed Solution Capacity Management Improves Bicycle Network Proposed Solution and Mobility mprove Truck Movement Proposed Solution Addresses Unreliable Corridor Priority Location Capacity Management and Mobility Subtotal Reduces CO2 Emissions Expected Outcome Reduces Other Emissons Expected Outcome Clean Air and Sustainable Reduces Emissions (All) Expected Outcome Communities Enhances Natural Environment Proposed Solution Clean Air and Sustainable Communities Subtotal **Priority Location** Serves Targeted Development Site Serves Employment and Population Centers Priority Location Economic Leverages Other Investments Proposed Solution Vitality Access Affordable Housing Priority Location Economic Vitality Subtotal TOTAL ALL GOAL AREAS

TIP Criteria Point Allocation Summary (DRAFT for MPO Review)

09/17/2020

ucture on)	Transit Mo	denization	Major Infrastructure (Transit)		
lax Equity Points	Max Base Points	Max Equity Points	Max Base Points	Max Equity Points	
3					
3					
3					
	0	0		0	
	6	6	6	6	
9	6	6	6	6	
5	7	7	7	7	
1	1	1	1	1	
2	8	8	8	8	
			2		
3	5	5	3	3	
	3		3		
11	24	21	24	18	
4	6	6	6	6	
2	8	8	8	8	
4	6	6	6	6	
4	4	4	4	4	
14	24	24	24	24	
5					
	8	8	8	8	
	4		4		
5	12	8	12	8	
	4		4		
	4		4		
	3		3		
	3		3		
0	14	0	14	0	
39	80	59	80	56	

Safety Criteria Revisions (DRAFT for MPO Review)

ojectives	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Major Infrastructure (Corridor)	Intersection Improvements	Major Infrastructure (Intersection)	Transit Modernization Major Infrastructure (Transit)
1	. ,	nodes will be safe.					
per and rity of nes and y incidents	Value: Equivalent Property Damage Only (EPDO) index (up to 5 points)	 +5 EPDO value of 300 or more +4 EPDO value between 200-299 +3 EPDO value between 100-199 +2 EPDO value between 50-99 +1 EPDO value less than 50 +0 No EPDO value 	N/A	Crash Severity Value: Equivalent Property Damage Only (EPDO) Index (up to 3 points) +3 EPDO value of 1000 or more +2 EPDO value of 250 to 999 +1 EPDO value of less than 250	Crash Severity Value: Equivalent Property Damage Only (EPDO) Index (up to 3 points) +3 EPDO value of 300 or more +2 EPDO value of 100 to 299 +1 EPDO value of less than 100	Crash Severity Value: Equivalent Property Damage Only (EPDO) Index (up to 3 points) +3 EPDO value of 1000 or more +2 EPDO value of 250 to 999 +1 EPDO value of less than 250	Project Addresses Documented Safety Issue (to 6 points) 6 Project addresses documented safety issues identified through a Federal or State investigation audit, or finding; or top priority safety issues or
l modes Ice serious es and				+0 No EPDO value	+0 No EPDO value	+0 No EPDO value	hazards as identified by transit agency evaluation 3 Project addresses other safety issues or hazar as identified by transit agency evaluations
ties from portation							1 Project does not specifically address docume safety issues but would reduce potential hazards
e tments and ort initiatives							0 No specific safety benefits identified
elp protect portation mers, pyees, and ublic from y and ity threats							
	Intersection Crash		N/A	N/A	Crash Rate (Intersection) (up to 3 points)	Crash Rate (Intersection) (up to 3 points)	
	Rate (up to 5 points)	5 >= 1.69 >= 1.36 4 1.31 - < 1.69			Signalized // Un-signalized	Signalized // Un-signalized	
		2 0.55 - < 0.93 0.37 - < 0.70 1 0.36 - < 0.55 0.21 - < 0.37 0 < 0.36 < 0.21			+3 >=1.69 // >=1.36 +2 1.02 -< 1.69 // 0.78 -< 1.36	+3 >=1.69 // >=1.36 +2 1.02 -< 1.69 // 0.78 -< 1.36	
					+1 0.35 -< 1.02 // 0.20 -< 0.78	+1 0.35 -< 1.02 // 0.20 -< 0.78	
					0 <0.35 // <0.20	0 <0.35 // <0.20	
		1-Interstate 3- Principal Arterials-Other, Evaluation 2-Other Freeways, 4-Minor Arterials,	N/A	Crash Rate (Corridor) (up to 3 points) Signalized // Un-signalized	N/A	N/A	
		Score Expressways 5,6-Major-Minor Collectors 5 > = 1.81 >= 6.45 4 1.40 - < 1.81		+3 >=1.80 // >=6.45			
		3 1.00 - < 1.40		+2 1.10 -< 1.80 // 4.25-< 6.45 +1 0.40 -< 1.10 // 2.05 -< 4.25			
		0 < 0.40 < 2.05		0 <0.40 // <2.05			
	related safety	 +3 High total effectiveness of truck safety countermeasures +2 Medium total effectiveness of truck safety countermeasures 	N/A	Improves Truck-Related Safety Issue (up to 2 points)	Improves Truck-Related Safety Issue (up to 2 points)	Improves Truck-Related Safety Issue (up to 2 points)	
	issue (up to 5 points)	 +1 Low total effectiveness of truck safety countermeasures +0 Does not implement truck safety countermeasures 		 +2 High total effectiveness of countermeasures +1 Medium total effectiveness of countermeasures 0 Low or no truck safety countermeasures 	+2 High total effectiveness of countermeasures +1 Medium total effectiveness of countermeasures 0 Low or no truck safety countermeasures	 +2 High total effectiveness of countermeasures +1 Medium total effectiveness of countermeasures 0 Low or no truck safety countermeasures 	
	Improves bicycle safety	 +3 High total effectiveness of bicycle safety countermeasures +2 Medium total effectiveness of bicycle safety 	Improves Bicycle Safety (up to 7 points)	Improves Bicycle Safety (up to 3 points)	Improves Bicycle Safety (up to 4 points)	Improves Bicycle Safety (up to 3 points)	-
	(up to 5 points)	countermeasures +1 Low total effectiveness of bicycle safety countermeasures +0 Does not implement bicycle safety countermeasures	 +5 High total effectiveness of countermeasures +3 Medium total effectiveness of countermeasures +1 Low total effectiveness of countermeasures 0 Does not implement bicycle safety 	 +2 High total effectiveness of countermeasures +1 Medium total effectiveness of countermeasures 0 Low or no bicycle safety countermeasures 	 +3 High total effectiveness of countermeasures +2 Medium total effectiveness of countermeasures +1 Low total effectiveness of countermeasures 0 No bicycle safety countermeasures 	 +2 High total effectiveness of countermeasures +1 Medium total effectiveness of countermeasures 0 Low or no bicycle safety countermeasures 	
			countermeasures MPO staff consider two factors when determining the effectiveness of bicycle safety countermeasures: 1) the existing deficiencies at the project location; 2) the safety countermeasures proposed as part of the project.	the existing deficiencies at the project location; 2) the safety countermeasures proposed as part of the project.	MPO staff consider two factors when determining the	the existing deficiencies at the project location; 2) the safety countermeasures proposed as part of the project. 	
				Bonus:	 Bonus:	Bonus:	

Objectives	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Major Infrastructure (Corridor)	Intersection Improvements	Major Infras
		If project scores points above, then it is eligible for additional points below: +2 Improves bicycle safety at HSIP Bicycle Cluster +1 Improves bicycle safety at HSIP Cluster (all modes)	Bonus: +2 Improves bicycle safety at bicycle HSIP cluster	+1 Improves bicycle safety at bicycle HSIP cluster	+1 Improves bicycle safety at bicycle HSIP cluster	+1 Improves bicyc
	Improves pedestrian safety (up to 5 points)	+0 Does not implement pedestrian safety countermeasures	Improves Pedestrian Safety (up to 7 points) +5 High total effectiveness of countermeasures +3 Medium total effectiveness of countermeasures +1 Low total effectiveness of countermeasures 0 Does not implement pedestrian safety countermeasures MPO staff consider two factors when determining the effectiveness of pedestrian safety countermeasures: 1) the existing deficiencies at the project location; 2) the safety countermeasures proposed as part of the project. - Bonus: +2 Improves pedestrian safety at pedestrian HSIP cluster	Improves Pedestrian Safety (up to 3 points) +2 High total effectiveness of countermeasures +1 Medium total effectiveness of countermeasures 0 Low or no pedestrian safety countermeasures MPO staff consider two factors when determining the effectiveness of pedestrian safety countermeasures: 1) the existing deficiencies at the project location; 2) the safety countermeasures proposed as part of the project. Bonus: +1 Improves pedestrian safety at pedestrian HSIP cluster	MPO staff consider two factors when determining the effectiveness of pedestrian safety countermeasures:	Improves Pedestr +2 High total effect +1 Medium total e 0 Low or no pedes MPO staff consider effectiveness of pe 1) the existing defice the safety countern project. Bonus: +1 Improves pede cluster
	Improves safety or removes an at- grade railroad crossing (up to 5 points)	 +1 Improves safety at an at-grade railroad crossing +0 Does not include a railroad crossing 	Improves Safety for All Users (up to 6 points) Focus on interventions that target bike/ped interactions with other users, like crossings, signals, traffic calming, etc. +3 Project includes three or more of the following: +2 Project includes two of the following: +1 Project includes one of the following: - Improvements to traffic signals - Traffic-calming features - Roadway geometry alterations designed to improve safety Bonus: +2 Addresses safety at one all-mode HSIP cluster +3 Addresses safety at multiple all-mode HSIP clusters OR Top-200 crash location	Improves Safety for All Users (up to 4 points) +2 Project includes three or more of the following: +1 Project includes one or two of the following: - Improvements to or removal of railroad crossings - Improvements to traffic signals - Traffic-calming features - Roadway geometry alterations designed to improve safety Bonus: +1 Addresses safety at one all-mode HSIP cluster +2 Addresses safety at multiple all-mode HSIP clusters OR Top-200 crash location	Improves Safety for All Users (up to 5 points) +3 Project includes three or more of the following: +2 Project includes two of the following: +1 Project includes one of the following: - Improvements to or removal of railroad crossings - Improvements to traffic signals - Traffic-calming features - Roadway geometry alterations designed to improve safety Bonus: +1 Addresses safety at one all-mode HSIP cluster +2 Addresses safety at multiple all-mode HSIP clusters OR Top-200 crash location	Improves Safety f +2 Project include +1 Project include - Improvements to - Improvements to - Traffic-calming fe: - Roadway geomet safety Bonus: +1 Addresses safe clusters OR Top-20
	Base Score Total	Up to 30 points	Up to 20 points	Up to 18 points	Up to 21 points	
	Equity Score Total	N/A	Up to 14 points	Up to 9 points	Up to 11 points	

rastructure (Intersection)	Transit Modernization Major Infrastructure (Transit)
icycle safety at bicycle HSIP cluster	
estrian Safety (up to 3 points)	
ffectiveness of countermeasures al effectiveness of countermeasures edestrian safety countermeasures	
ider two factors when determining the pedestrian safety countermeasures: leficiencies at the project location; 2) termeasures proposed as part of the	
edestrian safety at pedestrian HSIP	
ty for All Users (up to 4 points)	
udes three or more of the following: udes one or two of the following:	
to or removal of railroad crossings to traffic signals	
y features netry alterations designed to improve	
safety at one all-mode HSIP cluster	
safety at multiple all-mode HSIP o-200 crash location	
Up to 18 points	Up to 6 points
Up to 9 points	Up to 6 points

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Major Infrastructure (Corridor and Intersection)	Intersection Improvements	Transit Modernization	Major Infrastructure (Transit)
SYSTEM PRESER	VATION: Maintain	and modernize the transportation system and					
Maintain the transportation system, including	Improves ability to respond to extreme	+2 Addresses flooding problem and/or sea level rise and enables facility to function in such a condition	Project incorporates resiliency elements into its design (up to 5 points)	Project incorporates resiliency elements into its design (up to 5 points)	Project incorporates resiliency elements into its design (up to 5 points)	Project incorporates resiliency elements into its design (up to 7 points)	Project incorporates resiliency elements into its design (up to 7 points)
roadway, transit, and active transportation	conditions (up to 6 points)	+1 Brings facility up to current seismic design standards	+1 Project implements recommendation(s) as identified in a Hazard Mitigation Plan, Municipal Vulnerability Plan, or climate adaptation plan	+1 Project implements recommendation(s) as identified in a Hazard Mitigation Plan, Municipal Vulnerability Plan, or climate adaptation plan	+1 Project implements recommendation(s) as identified in a Hazard Mitigation Plan, Municipal Vulnerability Plan, or climate adaptation plan	+2 Project implements recommendation(s) as identified in a Hazard Mitigation Plan, Municipal Vulnerability Plan, or climate adaptation plan	+2 Project implements recommendation(s) as identified in a Hazard Mitigation Plan, Municipal Vulnerability Plan, or climate adaptation plan
infrastructure, in a state of good repair		+1 Addresses critical transportation infrastructure	Range of +1 to +3 points for addressing existing and future events to enable the facility to function under more extreme weather conditions:	Range of +1 to +3 points for addressing existing and future events to enable the facility to function under more extreme weather conditions:	Range of +1 to +3 points for addressing existing and future events to enable the facility to function under more extreme weather conditions:	Range of +1 to +4 points for addressing existing and future events to enable the facility to function under more extreme weather conditions:	Range of +1 to +4 points for addressing existing and future events to enable the facility to function under more extreme weather conditions:
Modernize transportation infrastructure			+1 Project improves stormwater infrastructure (replaces or retrofits culverts, drainage systems)	+1 Project improves stormwater infrastructure (replaces or retrofits culverts, drainage systems)	+1 Project improves stormwater infrastructure (replaces or retrofits culverts, drainage systems)	+1 Project improves stormwater infrastructure (replaces or retrofits culverts, drainage systems)	+1 Project improves stormwater infrastructure (replaces or retrofits culverts, drainage systems)
across all modes Prioritize projects that support planned response capability to			+1 Project implements nature-based solutions such as bioswales/rain gardens, tree trenches, vegetated medians/vegetated curb bump-outs, naturalized stormwater basins OR utilizes climate-resilient materials	+1 Project implements nature-based solutions such as bioswales/rain gardens, tree trenches, vegetated medians/vegetated curb bump-outs, naturalized stormwater basins OR utilizes climate-resilient materials	+1 Project implements nature-based solutions such as bioswales/rain gardens, tree trenches, vegetated medians/vegetated curb bump-outs, naturalized stormwater basins OR utilizes climate-resilient materials	+1 Project implements nature-based solutions such as bioswales/rain gardens, tree trenches, vegetated medians/vegetated curb bump-outs, naturalized stormwater basins OR utilizes climate-resilient materials	+1 Project implements nature-based solutions such as bioswales/rain gardens, tree trenches, vegetated medians/vegetated curb bump-outs, naturalized stormwater basins OR utilizes climate-resilient materials
existing or future extreme conditions (sea level rise, flooding,			+1 Project designed to meet a range of future projections for sea level rise or flooding and/or accounts for climate uncertainties	+1 Project designed to meet a range of future projections for sea level rise or flooding and/or accounts for climate uncertainties	+1 Project designed to meet a range of future projections for sea level rise or flooding and/or accounts for climate uncertainties	+2 Project designed to meet a range of future projections for sea level rise or flooding and/or accounts for climate uncertainties	+2 Project designed to meet a range of future projections for sea level rise or flooding and/or accounts for climate uncertainties
and other natural and security- related man-made impacts)			Penalty: -1 Project is in an existing or projected flood zone (including river and coastal flood zones) and doesn't specify how the project will address future flooding	Penalty: -1 Project is in an existing or projected flood zone (including river and coastal flood zones) and doesn't specify how the project will address future flooding	Penalty: -1 Project is in an existing or projected flood zone (including river and coastal flood zones) and doesn't specify how the project will address future flooding	Penalty: -1 Project is in an existing or projected flood zone (including river and coastal flood zones) and doesn't specify how the project will address future flooding	Penalty: -1 Project is in an existing or projected flood zone (including river and coastal flood zones) and doesn' specify how the project will address future flooding
		+1 Protects freight network elements	Bonus:	 Bonus:	 Bonus:	 Bonus:	 Bonus:
		+1 Implements hazard mitigation or climate adaptation plans	+1 Project demonstrates regional coordination by providing off-site benefits to mitigate adverse climate impacts or by being a coordinated effort with other resiliency projects in the region	+1 Project demonstrates regional coordination by providing off-site benefits to mitigate adverse climate impacts or by being a coordinated effort with other resiliency projects in the region	+1 Project demonstrates regional coordination by providing off-site benefits to mitigate adverse climate impacts or by being a coordinated effort with other resiliency projects in the region	+1 Project demonstrates regional coordination by providing off-site benefits to mitigate adverse climate impacts or by being a coordinated effort with other resiliency projects in the region	+1 Project demonstrates regional coordination by providing off-site benefits to mitigate adverse climate impacts or by being a coordinated effort with other resiliency projects in the region
	Improves emergency response (up to 2 points)	+1 Project improves an evacuation route, diversion route, or alternate diversion route	N/A	Improves evacuation route (up to 1 point) +1 Project improves an evacuation route, diversion route, or alternate diversion route	Improves evacuation route (up to 1 point) +1 Project improves an evacuation route, diversion route, or alternate diversion route	N/A	N/A
		+1 Project improves an access route to or in proximity to an emergency support location	points)	point)	Improves connectivity to critical facilities (up to 1 point)	point)	point)
			+2 Improves connectivity to critical facilities	+1 Improves connectivity to critical facilities			

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Major Infrastructure (Corridor and Intersection)	Intersection Improvements	Transit Modernization	Major Infrastructure (Transit)
	Improves transit asset(s) (up to 3 points)	+2 Brings transit asset into State of Good Repair +1 Meets an identified-need in an Asset Management Plan +0 Does not meet or address criteria	N/A	 Project improves and/or modernizes existing transit assets (up to 2 points) +2 Project makes significant investments in modernizing or improving the condition of transit-supporting infrastructure +1 Project makes moderate investments in modernizing or improving the condition of transit-supporting infrastructure +0 Project does not modernize or improve the condition of transit-supporting infrastructure 	 Project improves and/or modernizes existing transit assets (up to 2 points) +2 Project makes significant investments in modernizing or improving the condition of transit-supporting infrastructure +1 Project makes moderate investments in modernizing or improving the condition of transit-supporting infrastructure +0 Project does not modernize or improve the condition of transit-supporting infrastructure 	 Project improves and/or modernizes existing transit assets (up to 8 points) Project can earn points in each of these categories: Improving Existing Asset Condition Points are awarded based on the top criteria met. +3 Project brings vehicles, facilities or other assets into a state of good repair (through replacement or rehabilitation) +2 Project improves the condition of existing vehicles, facilities, or other assets Modernizing Existing Assets +3 Project modernizes existing vehicles, facilities, or other assets Modernizing Existing Assets +3 Project modernizes existing vehicles, facilities, or other assets (through replacement or rehabilitation) Bonus Points +2 Project improves an operations-critical, safety-critical, or climate sensitive asset, as identified by the transit agency (based on TAM plan definition) 	 Project improves and/or modernizes existing transit assets (up to 8 points) Project can earn points in each of these categories: Improving Existing Asset Condition Points are awarded based on the top criteria met. +3 Project brings vehicles, facilities or other assets into a state of good repair (through replacement or rehabilitation) +2 Project improves the condition of existing vehicles, facilities, or other assets Modernizing Existing Assets +3 Project modernizes existing vehicles, facilities, or other assets (through replacement or rehabilitation) Bonus Points +2 Project improves an operations-critical, safety-critical, or climate sensitive asset, as identified by the transit agency (based on TAM plan definition)
	Improves substandard roadway bridge (s) (up to 3 points)	+3 Condition is structurally deficient and improvements are included in the project +1 Condition is functionally obsolete and improvements are included in the project +0 Does not improve substandard bridge or does not include a bridge	N/A	Improves existing bridges (up to 3 points) +2 Project improves existing bridge(s) from poor to good condition through rehabilitation or replacement +1 Project improves existing bridge(s) from fair to good condition through rehabilitation or replacement 0 Project does not include bridge improvements <i>Note: Good/Fair/Poor categories are based on</i> <i>federal definitions.</i> Bonus: +1 Improvements modernize bridge designs and/or reduce or remove vehicle weight or height restrictions OR project improves one or more NHS bridges or one or more bridges on a critical freight corridor	N/A	N/A	Improves existing bridges (up to 2 points) +2 Project improves existing bridge(s) from poor to good condition through rehabilitation or replacement +1 Project improves existing bridge(s) from fair to good condition through rehabilitation or replacement 0 Project does not include bridge improvements Note: Good/Fair/Poor categories are based on federal definitions.

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Major Infrastructure (Corridor and Intersection)	Intersection Improvements	Transit Modernization	Major Infrastructure (Transit)
	Improves substandard pavement (up to 6 points)	 +6 IRI rating greater than 320: Poor and pavement improvements are included in the project +4 IRI rating between 320 and 191: Fair and pavement improvements are included in the project +0 IRI rating less than 190: Good or better 	N/A	Improves existing pavement condition (up to 3 points) +2 Project improves existing pavement from poor condition to good condition +1 Project improves existing pavement in fair condition to good condition 0 Project does not include pavement improvements Note: Staff will assess pavement condition on available data, which may include IRI data, proponent feedback, and visual inspection. Points will be assigned based on existing condition, proposed pavement improvement, and roadway classification. NHS roadways will be evaluated against federal performance standards, while non- NHS roadways may be evaluated according to another MPO-determined scale. Bonus: +1 Project improves pavement on an NHS roadway, a critical freight corridor, or MBTA key bus route OR improves roadway substructure	Improves existing pavement condition (up to 3 points) +2 Project improves existing pavement from poor condition to good condition +1 Project improves existing pavement in fair condition to good condition 0 Project does not include pavement improvements Note: Staff will assess pavement condition on available data, which may include IRI data, proponent feedback, and visual inspection. Points will be assigned based on existing condition, proposed pavement improvement, and roadway classification. NHS roadways will be evaluated against federal performance standards, while non- NHS roadways may be evaluated according to another MPO-determined scale. Bonus: +1 Project improves pavement on an NHS roadway, a critical freight corridor, or MBTA key bus route OR improves roadway substructure	N/A	N/A
	Improves substandard sidewalk(s) (up to 3 points)	 +3 Poor condition and sidewalk improvements are included in the project +2 Fair condition and sidewalk improvements are included in the project +0 Sidewalk condition is good or better 	Improves existing pedestrian facilities (up to 5 points) +5 Existing condition is poor +3 Existing condition is fair +1 Existing condition is good 0 Project does not improve existing pedestrian facilities Note: This criterion does not apply to the creation of shared-use paths where none exist currently or where current paths are unpaved/unimproved.	Improves existing pedestrian facilities (up to 3 points) +3 Existing condition is poor +2 Existing condition is fair +1 Existing condition is good 0 Project does not improve existing pedestrian facilities Note: This criterion does not apply to the creation of shared-use paths where none exist currently or where current paths are unpaved/unimproved.	Improves existing pedestrian facilities (up to 3 points) +3 Existing condition is poor +2 Existing condition is fair +1 Existing condition is good 0 Project does not improve existing pedestrian facilities Note: This criterion does not apply to the creation of shared-use paths where none exist currently or where current paths are unpaved/unimproved.	Improves existing pedestrian facilities (up to 5 points) +5 Existing condition is critical +3 Existing condition is poor +1 Existing condition is fair 0 Existing condition is good or project does not improve existing pedestrian facilities Eligible facilities include station platforms, bus stop platforms/sidewalks/ramps, stairs, and sidewalks connecting to transit stations Note: This criterion does not apply to the creation of new facilities where none exist currently.	Improves existing pedestrian facilities (up to 3 points) +3 Existing condition is poor +2 Existing condition is fair +1 Existing condition is good 0 Project does not improve existing pedestrian facilities Note: This criterion does not apply to the creation of shared-use paths where none exist currently or where current paths are unpaved/unimproved.
	Improves substandard traffic signal equipment (up to 6 points)	 +6 Poor condition, improvements are included in the project +4 Fair condition, improvements are included in the project +0 Does not meet or address criteria 	Project improves other existing assets (up to 2 points) +2 Improves three or more of the following: signals, guard-rails, signage, pavement markings, lighting, or structures (excluding bridges and culverts) +1 Improves one or two of the following: signals, guard-rails, signage, pavement markings, lighting, or structures (excluding bridges and culverts)	guard-rails, signage, pavement markings, lighting, or structures (excluding bridges and culverts) +1 Improves one or two of the following: signals,	Project improves other existing assets (up to 2 points) +2 Improves three or more of the following: signals, guard-rails, signage, pavement markings, lighting, or structures (excluding bridges and culverts) +1 Improves one or two of the following: signals, guard-rails, signage, pavement markings, lighting, or structures (excluding bridges and culverts)	Project improves other existing assets (up to 3 points) +3 Improves three or more of the following: signage, lighting, or structures (excluding bridges and culverts) +2 Improves two of the following: signage, lighting, or structures (excluding bridges and culverts) +1 Improves two of the following: signage, lighting, or structures (excluding bridges and culverts)	Project improves other existing assets (up to 3 points) +3 Improves three or more of the following: signage, lighting, or structures (excluding bridges and culverts) +2 Improves two of the following: signage, lighting, or structures (excluding bridges and culverts) +1 Improves two of the following: signage, lighting, or structures (excluding bridges and culverts)
	Base Score Total	Up to 29 points	Up to 14 points	Up to 20 points	Up to 17 points	Up to 24 points	Up to 24 points
	Equity Score Total	N/A	Up to 12 points	Up to 11 points	Up to 11 points	Up to 21 points	Up to 18 points

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor and Intersection)	Transit Modernization Major Infrastructure (Transit)
CAPACITY MAN	AGEMENT/MOBILI1	TY: Use existing facility capacity more efficient	tly and increase healthy transportation options	S.	
Improve access to and accessibility of all modes, especially transit and active transportation. Support roadway management and operations strategies to improve travel reliability, mitigate congestion, and support non- single occupant vehicle travel Emphasize capacity management through low-cost investments; prioritize projects that focus on lower-cost	Reduces transit vehicle delay	 +3 5 hours or more of daily transit vehicle delay reduced +2 1-5 hours of daily transit vehicle delay reduced +1 Less than one hour of daily transit vehicle delay reduced +0 Does not reduce transit delay If project scores points above, then it is eligible for additional points below: +1 Improves one or more key bus route(s) 	N/A	Reduces Transit Passenger Delay (up to 4 points) +3 Project results in significant hours of passenger delay reductions +2 Project results in moderate hours of passenger delay reductions +1 Project results in limited hours of passenger delay reductions +0 Project does not make meaningful reductions in passenger delay Penalty:	 Project supports transit reliability (up to 6 points) +4 Project is anticipated to significantly improve headways or on-time performance +2 Project is anticipated to mitigate or avoid anticipated degradation in reliability 0 Project is anticipated to have no impact on reliability Penalty: -1 Project will negatively impact transit movement or increase transit vehicle delays Bonus: +2 Project serves transit route(s) performing below on-time performance/reliability standards
	Improves pedestrian network and ADA accessibility (up to 5 points)	+2 Improves ADA accessibility	Improves pedestrian network and ADA accessibility (up to 9 points) +5 Adds new shared-use path +3 Adds new high-quality sidewalks +1 Adds new standard sidewalks 0 Does not improve pedestrian network Bonus: Projects can earn up to +4 points for doing any of the following: +4 Closes a gap in the pedestrian network +3 Enhances ADA accessibility beyond minimum required standards (e.g. includes tactile warning strips, audible signals, sidwalk bump outs, etc.) +2 Extends existing pedestrian network +2 Creates new pedestrian connection to transit	Improves pedestrian network and ADA accessibility (up to 4 points) +3 Adds new sidewalks on high-utility link +2 Adds new sidewalks on medium-utility link +1 Adds new sidewalks on low-utility link 0 Does not improve pedestrian network Bonus: Projects can earn +1 point for doing any of the following: - Closes a gap in the pedestrian network - Enhances ADA accessibility beyond minimum required standards (e.g. includes tactile warning strips, audible signals, sidewalk bump outs, etc.) - Creates new pedestrian connection to transit	Improves pedestrian network and ADA accessibility (up to 6 points) +6 Project provides significant improvements to system accessibility through new accesibility infrastructure, technology, or features where none currently exist (including new pedestrian connections to transit) +4 Project provides moderate improvements to system accessibility through new accesibility infrastructure, technology, or features +2 Project provides limited improvements to system accessibility through new accesibility infrastructure, technology, or features +0 Project provides limited improvements to system accessibility through new accessibility infrastructure, technology, or features 0 Project provides no improvement to accessibility

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor a Intersection)
percentage of population and employment within one- quarter mile of transit stations and stops Support community- based and private-initiative services to meet first-/last-mile, reverse commute, and other nontraditional transportation needs, including those of people 75 years old or older and people with disabilities Support strategies to better manage automobile and bicycle parking capacity and usage at transit stations	Improves bicycle network (up to 4 points)	 +3 Adds new physically separated bicycle facility (including shared-use paths) +2 Adds new buffered bicycle facility +1 Adds new standard bicycle facility +1 Adds new standard bicycle network +0 Does not improve bicycle network 	Improves bicycle network (up to 9 points) +5 Adds new physically-separated facility +3 Adds new buffered bicycle facility +1 Adds new standard bicycle facility Bonus: Projects can earn up to +4 points for doing any of the following: +4 Closes a gap in the bike network +2 Provides a new bicycle connection to transit +2 Extends the existing bike network +1 Makes accommodations for bike parking or bike share station	Improves bicycle network (up to 4 points) +3 Adds new physically separated bicycle fac (including shared-use paths) +2 Adds new buffered bicycle facility +1 Adds new standard bicycle facility Bonus: Projects can earn +1 point for doing any of the following: - Closes a gap in the bike network - Provides a new bicycle connection to transit - Makes accommodations for bike parking or b share station - Project is on a high-utility link according to M/ Local Access tool
Fund improvements to bicycle/pedestria n networks aimed at creating a connected network of bicycle and accessible sidewalk facilities by expanding	Improves intermodal accommodations /connections to transit (up to 6 points)	 +6 Meets or addresses criteria to a high degree +4 Meets or addresses criteria to a medium degree +2 Meets or addresses criteria to a low degree +0 Does not meet or address criteria 	N/A (Remove from criteria)	N/A (Remove from criteria)

s and	Transit Modernization Major Infrastructure (Transit)
;)	Improves bicycle network (up to 4 points)
facility	 +4 Provides a new bicycle connection to transit +2 Makes accommodations for bike parking or bike share station
the	
sit or bike	
MAPC's	
	N/A (Remove from criteria)

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor and Intersection)	
by expanding existing facilities and closing gaps Increase percentage of population and places of employment with access to facilities on the bicycle network Eliminate bottlenecks on freight network/ improve freight reliability and enhance freight	Improves truck movement (up to 4 points)	 +3 Meets or addresses criteria to a high degree +2 Meets or addresses criteria to a medium degree +1 Meets or addresses criteria to a low degree +0 Does not meet or address criteria 	N/A	Improves truck movement (up to 3 points) +2 Project significantly improves truck movement on a designated freight corridor by addressing an identified freight deficiency +1 Project somewhat improves truck movement on a designated freight corridor OR improves truck movement on any other corridor	N/A
		If project scores points above, then it is eligible for additional points below: +1 Addresses MPO-identified bottleneck location	N/A		N/A
intermodal connections	Reduces vehicle congestion (up to 6 points)	 +6 400 hours or more of daily vehicle delay reduced +4 100-400 hours of daily vehicle delay reduced +2 Less than 100 hours of daily vehicle delay reduced +0 Does not meet or address criteria 	N/A	Project addresses unreliable corridor (up to 1 point) +1 Project addresses a corridor with a level of travel time reliability above 1.25	N/A

and	Transit Modernization Major Infrastructure (Transit)
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ight ns for curb	N/A
to 1	N/A
of	

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor and Intersection)	Transit Modernization Major Infrastructure (Transit)
	N/A - New Criterion	N/A - New Criterion	N/A	Invests in New Transit Assets (up to 2 points) +2 Project makes investment in new transit assets that significantly improves the customer experience or significantly improves transit service or operations +1 Project makes investment in new transit assets that minimally improves the customer experience or minimally improves transit service or operations	Invests in New Transit Assets (up to 8 points) +8 Project makes investment in new transit assets that significantly improves the customer experience or significantly improves or expands transit service or operations +5 Project makes investment in new transit assets that moderately improves the customer experience or moderately improves transit service or operations +2 Project makes investment in new transit assets that minimally improves the customer experience or minimally improves transit service or operations
	Base Score Total		Up to 18 points	Up to 18 points	Up to 24 points
	Equity Score Total		Up to 18 points	Up to 14 points	Up to 24 points

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor and Intersection)	Transit Modernization Major Infrastructure (Transit)
CLEAN AIR/SUS	TAINABLE COMMU	INITIES: Create an environmentally friendly tra	ansportation system.		
Reduce GHGs generated in the Boston Region by all transportation modes Reduce other transportation- related pollutants Minimize negative environmental impacts of the transportation system Support land use policies consistent with	Reduces CO2 (up to 5 points)	 +5 1,000 or more annual tons of CO2 reduced +4 500-999 annual tons of CO2 reduced +3 250-499 annual tons of CO2 reduced +2 100-249 annual tons of CO2 reduced +1 Less than 100 annual tons of CO2 reduced 0 No impact -1 Less than 100 annual tons of CO2 increased -2 100-249 annual tons of CO2 increased -3 250-499 annual tons of CO2 increased -3 250-499 annual tons of CO2 increased -5 1,000 or more annual tons of CO2 increased 	Reduces CO2 (up to 4 points)+4300 or more annual tons of CO2 reduced+3100-299 annual tons of CO2 reduced+250-99 annual tons of CO2 reduced+1Less than 50 annual tons of CO2 reduced0No impact-1Less than 50 annual tons of CO2 increased-450 or more annual tons of CO2 increased	Reduces CO2 (up to 3 points) +3 750 or more annual tons of CO2 reduced +2 250-749 annual tons of CO2 reduced +1 Less than 250 annual tons of CO2 reduced 0 No impact -1 Less than 250 annual tons of CO2 increased -3 250 or more annual tons of CO2 increased	 Reduces Emissions (up to 8 points) +6 Project is expected to produce a quantified decrease in GHG emissions and/or criterion air pollutants. +3 Project is not specifically focused on air quality improvements or reducing GHG emissions, but is expected to produce a nominal decrease in GHG emissions and/or criterion air pollutants. 0 No anticipated improvement to Air Quality or GHG reduction -1 Project is anticipated to impair Air Quality or increase GHG emissions
	Reduces other transportation- related emissions (VOC, Nox, CO) (up to 5 points)	 +5 2,000 or more total kilograms of VOC, NOx, CO reduced +4 1,000-1999 total kilograms of VOC, NOx, CO reduced +3 500-999 total kilograms of VOC, NOx, CO reduced +2 250-499 total kilograms of VOC, NOx, CO reduced +1 Less than 250 total kilograms of VOC, NOx, CO reduced 0 No impact -1 Less than 250 total kilograms of VOC, NOx, CO increased -2 250-499 total kilograms of VOC, NOx, CO increased -3 500-999 total kilograms of VOC, NOx, CO increased -4 1,000-1999 total kilograms of VOC, NOx, CO increased -5 2,000 or more total kilograms of VOC, NOx, CO increased 	Reduces other transportation-related emissions (up to 6 points) +4 1,500 or more total kilograms of VOC, NOx, CO reduced +3 750-1,499 total kilograms of VOC, NOx, CO reduced +2 250-749 total kilograms of VOC, NOx, CO reduced +1 Less than 250 total kilograms of VOC, NOx, CO reduced 0 No impact -1 Less than 250 total kilograms of VOC, NOx, CO increased -4 250 or more total kilograms of VOC, NOx, CO increased Bonus/Penalty: +2 Project reduces NOx emissions in area in top 20% of regional NOx levels -2 Project increases NOx emissions in area in top 20% of regional NOx levels	Reduces other transportation-related emissions (up to 5 points) +3 1,000 or more total kilograms of VOC, NOx, CO reduced +2 250-999 total kilograms of VOC, NOx, CO reduced +1 Less than 250 total kilograms of VOC, NOx, CO reduced 0 No impact -1 Less than 250 total kilograms of VOC, NOx, CO increased -3 250 or more total kilograms of VOC, NOx, CO increased Bonus/Penalty: +2 Project reduces NOx emissions in area in top 20% of regional NOx levels -2 Project increases NOx emissions in area in top 20% of regional NOx levels	Bonus/Penalty: +2 Project is expected to reduce emissions in area in top 20% of regional NOx levels -2 Project is expected to increase emissions in area in top 20% of regional NOx levels

Objective	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor and Intersection)	Transit Modernization Major Infrastructure (Transit)
	Addresses	1 Addresses water quality	Enhances Natural Environment (up to 4 points)	Enhances Natural Environment (up to 4 points)	Enhances Natural Environment (up to 4 points)
	environmental impacts (up to 4 points)	+1 Addresses cultural resources/open space +1 Addresses wetlands/resource areas	+1 Project improves water quality by reducing runoff, reducing impervious surface area, or employing other strategies	+1 Project improves water quality by reducing runoff, reducing impervious surface area, or employing other strategies	+1 Project improves water quality by reducing runoff, reducing impervious surface area, or employing other strategies
			+1 Project specifically selects a design alternative that avoids impacts to cultural resources, open space, wetlands, natural resource areas, wildlife preservations, or protected habitats	+1 Project specifically selects a design alternative that avoids impacts to cultural resources, open space, wetlands, natural resource areas, wildlife preservations, or protected habitats	+1 Project specifically selects a design alternative that avoids impacts to cultural resources, open space, wetlands, natural resource areas, wildlife preservations, or protected habitats
		+1 Addresses wildlife preservation/protected habitats	+1 Project reduces urban heat island effect by creating a net increase in tree canopy coverage, reducing pavement surface area, or using materials designed to limit heat	+1 Project reduces urban heat island effect by creating a net increase in tree canopy coverage, reducing pavement surface area, or using materials designed to limit heat	+1 Project reduces urban heat island effect by creating a net increase in tree canopy coverage, reducing pavement surface area, or using materials designed to limit heat
			+1 Project increases access to parks, open space, or other natural assets	+1 Project increases access to parks, open space, or other natural assets	+1 Project increases access to parks, open space, or other natural assets
			 Penalty:	 Penalty:	 Penalty:
			tree canopy, the creation of impacts on sensitive areas, or the failure to mitigate existing water quality	-1 Project is anticipated to lead to negative environmental outcomes through the reduction of tree canopy, the creation of impacts on sensitive areas, or the failure to mitigate existing water quality or other environmental issues	-1 Project is anticipated to lead to negative environmental outcomes through the reduction of tree canopy, the creation of impacts on sensitive areas, or the failure to mitigate existing water quality or other environmental issues
		+0 Does not meet or address criteria			
	Is in an EOEEA- certified "Green Community" (up to 2 points)	 +2 Project is located in a "Green Community" +0 Project is not located in a "Green Community" 	N/A (Remove from criteria)	N/A (Remove from criteria)	N/A (Remove from criteria)
	Base Score Total	Up to 16 points	Up to 14 points	Up to 12 points	Up to 12 points
	Equity Score Total		Up to 6 points	Up to 5 points	Up to 8 points

Objectives	Existing Criteria	Existing Subcriteria/Scoring	Bicycle/Pedestrian	Complete Streets Intersection Improvements Major Infrastructure (Corridor and Intersection)	Tra Major
ECONOMIC VITA	LITY: Ensure our	transportation network provides a strong foun	dation for economic vitality.		
Respond to mobility needs of the workforce population	Serves targeted development site (up to 6 points)	2 Provides new transit access to or within site 1 Improves transit access to or within a site	Serves targeted development site (up to 4 points)	Serves targeted development site (up to 3 points)	Serves targete
		1 Provides for bicycle access to or within a site	 +2 Improves bicycle access to or within a site +2 Improves pedestrian access to or within a site 	 +1 Improves transit access to or within a site +1 Improves bicycle access to or within a site +1 Improves pedestrian access to or within a site 	+2 Improves t +1 Improves t +1 Improves t
Minimize the burden of		1 Provides for pedestrian access to or within a site			
housing and transportation costs for		1 Provides for improved road access to or within a site			
residents in the region Prioritize		2 Mostly serves an existing area of concentrated development	Serves existing employment and population centers (up to 4 points)	Serves existing employment and population centers (up to 3 points)	Serves existin centers (up to
transportation		1 Partly serves an existing area of concentrated development	+4 Mostly serves an existing area of concentrated development	+3 Mostly serves an existing area of concentrated development	+4 Mostly ser development
investments that serve residential,			+2 Partly serves an existing area of concentrated development	+1 Partly serves an existing area of concentrated development	+2 Partly serv development
commercial, and logistics targeted development sites and "Priority		1 Supports local zoning or other regulations that are supportive of smart growth development	0 Does not serve an area of concentrated development	0 Does not serve an area of concentrated development	0 Does not se development
Places" identified in MBTA's <i>Focus</i> 40 plan Prioritize		2 Complements other local financial or regulatory support that fosters economic revitalization in a manner consistent with smart growth development principles			
transportation investments that	Dura da a				
support development consistent with	Provides multimodal access to an activity center (up to 4 points)	1 Provides transit access (within a quarter mile) to an activity center	N/A (Remove from criteria)	N/A (Remove from criteria)	N/A (Remove f
the compact		1 Provides truck access to an activity center			
growth strategies of the regional		1 Provides bicycle access to an activity center			
transportation plan		1 Provides pedestrian access to an activity center			
		0 Does not provide multimodal access			
	Leverages other investments (non-TIP funding) (up to 3 points)	 3 Meets or addresses criteria to a high degree (>30% of the project cost) 2 Meets or addresses criteria to a medium degree (10-30% of the project cost) 1 Meets or addresses criteria to a low degree (<10% of the project cost) 0 Does not meet or address criteria 	Demonstrates Proponent Investment (up to 3 points) +2 Meets or addresses criteria to a high degree (>20% of the project cost) +1 Meets or addresses criteria to a low to moderate degree (<20% of the project cost) 0 Does not meet or address criteria Bonus: +1 Project proponent supports design process through pilot project OR robust community outreach process	Demonstrates Proponent Investment (up to 3 points) +2 Meets or addresses criteria to a high degree (>20% of the project cost) +1 Meets or addresses criteria to a low to moderate degree (<20% of the project cost) 0 Does not meet or address criteria Bonus: +1 Project proponent supports design process through pilot project OR robust community outreach process	Demonstrates points) +2 Meets or a (>20% of the p +1 Meets or a degree (<20% 0 Does not m Bonus: +1 Project pr through pilot pr process
		N/A (new criterion)	Promotes Access to Affordable Housing Opportunities (up to 3 points)	Promotes Access to Affordable Housing Opportunities (up to 3 points)	Promotes Acc Opportunities
			 +3 10.4% or more of housing units are affordable +2 6.6-10.3% of housing units are affordable +1 1-6.5% of housing units are affordable 0 Less than 1% of housing units are affordable 	 +3 10.4% or more of housing units are affordable +2 6.6-10.3% of housing units are affordable +1 1-6.5% of housing units are affordable 0 Less than 1% of housing units are affordable 	+3 10.4% or r +2 6.6-10.3% +1 1-6.5% of 0 Less than 1
			Scoring based on percent of housing units within the project area that count toward the municipality's 40B low-income housing requirements.	Scoring based on percent of housing units within the project area that count toward the municipality's 40B low-income housing requirements.	Scoring based project area the low-income ho
	Base Score	Up to 18 points	Up to 14 points	Up to 12 points	
	Total Equity Score	N/A		· · ·	
	Total		- Pointe	- Pointe	

Fransit Modernization or Infrastructure (Transit)

eted development site (up to 4 points)

s transit access to or within a site s bicycle access to or within a site s pedestrian access to or within a site

ting employment and population to 4 points)

erves an existing area of concentrated t

erves an existing area of concentrated t serve an area of concentrated

t

e from criteria)

es Proponent Investment (up to 3

or addresses criteria to a high degree e project cost) or addresses criteria to a low to moderate % of the project cost) meet or address criteria

proponent supports design process project OR robust community outreach

access to Affordable Housing es (up to 3 points)

or more of housing units are affordable 3% of housing units are affordable of housing units are affordable n 1% of housing units are affordable

ed on percent of housing units within the that count toward the municipality's 40B housing requirements.

Up to 14 points

0 points