

# Intersection Improvement Project Scorecard

For project funding through the Transportation Improvement Program



## Transportation Equity



**Goal: Facilitate an inclusive and transparent transportation-planning process and make investments that eliminate transportation-related disparities borne by people in disadvantaged communities.**

An equity multiplier is applied to criteria that the MPO has identified through public outreach and data analysis as critical for meeting transportation needs or where there exist disparities that negatively impact equity populations. These criteria are denoted by a check mark on the right side of this scorecard. Each project's multiplier is based on the percent of the population in the project area that belongs to each of the MPO's six equity populations in the project area relative to their regionwide averages. The higher the share of equity populations in the project area the higher the multiplier.

**20 possible points**

## Safety



**Goal: Achieve zero transportation-related fatalities and serious injuries and improve safety for all users of the transportation system.**

Criteria	Points	EM
Project addresses severe-crash location	3	✓
Project addresses a location with a high frequency of crashes	3	✓
Project addresses a statewide priority Top Crash Location	3	
Project addresses a location identified in the Boston Region MPO Regional Safety Action Plan	2	
Project addresses a freight safety issue	1	
Project comprehensively improves safety for all road users	5	
Project improves safety for micromobility users	2	
Project improves safety for pedestrians	2	✓
Project improves safety for persons with disabilities	2	✓
Project improves transit safety	2	

**25 possible points**

## Mobility and Reliability



**Goal: Support easy and reliable movement of people and freight.**

Criteria	Points	EM
Project thoroughly addresses deficiencies in the current facility design	3	
Project addresses a corridor with significant travel-time delay	3	
Project improves travel-time reliability through investments in single-occupancy-vehicle trip reductions	2	
Project invests in safe pedestrian facilities	2	✓
Project improves pedestrian safety near a high-utility corridor for pedestrians	2	✓
Project invests in safe micromobility facilities	2	✓
Project improves safety near a high-utility corridor for micromobility users	2	✓
Project invests in safe transit facilities	2	✓

**18 possible points**

## Access and Connectivity



**Goal: Provide transportation options and improve access to key destinations to support economic vitality and high quality of life.**

Criteria	Points	EM
Project serves sites targeted for future development	3	
Project serves existing employment and population centers	3	✓
Project addresses safety concerns across a corridor or area	2	
Project addresses safety concerns near public community assets	1	✓
Project implements recommendations from a regional or statewide study	2	
Project is a collaboration between multiple municipalities	1	
Project is near to or on a primary thoroughfare for regional freight travel	1	
Project improves navigability at or along the project area	1	

**14 possible points**

## Resilience



**Goal: Provide transportation that supports sustainable environments and enables people to respond and adapt to climate change and other changing conditions.**

Criteria	Points	EM
Project reduces the risk of flooding	2	✓
Project reduces the risk of extreme temperature effects by reducing pavement cover, planting shade trees, providing shade structures, increasing green space, or providing other adaptations	2	✓
The project implements recommendations or addresses needs identified in the respective municipality's Hazard Mitigation Plan, Municipal Vulnerability Plan, or Climate Adaptation Plan	2	
The project applicant demonstrates regional coordination or partnership on resilience improvements and project impacts with neighboring municipalities, environmental justice advocacy groups, or others.	2	
Applicant details the expected useful life of the improvements, provides a plan for maintenance of resilience improvements, and/or references current and future climate conditions	1	
Project proposes improvements and reduces climate risk along evacuation routes and/or roadways that provide emergency access to critical facilities	1	
(Penalty) The project is located in an existing or projected flood zone and/or the project site has flooded in the past and the applicant does not specify how the project will address flooding	-3	✓
(Penalty) The project is located in an area that is vulnerable to extreme temperatures and the applicant does not specify how the project will address these effects	-3	✓

**12 possible points**

## Clean Air and Sustainable Communities



**Goal: Create an environmentally friendly transportation system.**

Criteria	Points	EM
Project reduces single-occupancy-vehicle trips	2	✓
Project reduces greenhouse gas emissions	2	
Project has a positive impact on adjacent communities and natural areas through low impact design, nature-based adaptation, or other methods	3	✓
The project has design elements aimed at improving water quality and reducing pollutant runoff to adjacent water resources	3	
The project incorporates a meaningful community outreach and engagement process that effectively engages persons with disabilities or those with limited English proficiency	1	✓

**11 possible points**

## Final Score Calculation

Base Score	80 possible points
Equity Score	20 possible points
<b>Total Project Evaluation Score</b>	<b>100 possible points</b>