

## TIP EVALUATION SCORING

### MAINTENANCE, MODERNIZATION AND EFFICIENCY (36 TOTAL POINTS POSSIBLE)

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*

Improves substandard signal equipment condition (up to 6 points)

- +6 *Poor condition and all equipment will be replaced*
- +4 *Mediocre condition, replacement of majority of equipment will occur*
- +2 *Fair condition, partial replacement will occur*
- 0 *All other values*

Improves traffic signal operations (signal equipment upgrades, including for adaptive signal controls and coordination with adjacent signals (ITS) (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 address criteria to a low degree*
- 0 *Does not meet or address criteria*

In a Congestion Management Process Identified Area (up to 6 points):

- +6 *CMP data indicates project area is in one of the most highly congested project areas monitored*
- +4 *CMP data indicates project area is in one of the most congested project areas monitored*
- +2 *CMP data indicates project area is in a congested project areas monitored*
- 0 *CMP data indicates project area is in the top 80 to 51 % of the most congested project areas monitored*

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 address criteria to a low degree*
- 0 *Does not meet or address criteria*

Implements ITS strategies other than traffic signal operations (improve traffic flow as identified by an identified ITS strategy for the municipality or state (e.g. variable message signs) (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 address criteria to a low degree*
- 0 *Does not meet or address criteria*

## **LIVABILITY (28 TOTAL POINTS POSSIBLE)**

Design is consistent with complete streets policies (up to 4 points)

- +1 *Project is a "complete street"*
- +1 *Project provides for transit service*
- +1 *Project provides for bicycle facilities*
- +1 *Project provides for pedestrian facilities*
- 0 *Does not provide any complete streets components*

Provides multimodal access to an activity center (up to 3 points)

- +1 *Project provides transit access (within a quarter mile) to an activity center*
- +1 *Project provides bicycle access to an activity center*
- +1 *Project provides pedestrian access to an activity center*
- 0 *Does not provide multimodal access*

Reduces auto dependency (up to 7 points)

- +3 *Project provides for a new transit service*
- +1 *Project completes a known gap in the bicycle or pedestrian network*
- +1 *Project provides for a new bicycle facility*
- +1 *Project provides for a new pedestrian facility*
- +1 *Project implements a transportation demand management strategy*
- 0 *Does not provide for any of the above measures*

Project serves a targeted redevelopment site (43D sites as documented by Mass Housing and Economic Development) (up to 6 points)

- +2 *Project provides new transit access to a 43D site*
- +1 *Project improves transit access to a 43D site*
- +1 *Project provides for bicycle access to a 43D site*
- +1 *Project provides for pedestrian access to a 43D site*
- +1 *Project provides for improved road access to a 43D site*

Provides for development consistent with the compact growth strategies of MetroFuture (up to 5 points)

- +2 *Plan for compact growth to serve community needs*
- +1 *Plan for good design and access*
- +1 *Encourage market response to district plans*
- +1 *Increases vitality of existing centers*
- 0 *Does not provide for any of the above measures*

Project improves Quality of Life (up to 3 points)

- +1 *Reduces cut through within the project area*
- +1 *Implements traffic calming measures*
- +1 *Improves the character of the project area*

## **MOBILITY (25 TOTAL POINTS POSSIBLE)**

Existing peak hour level of service (LOS) (up to 3 points)

- +3 *Source data indicates project area has an LOS value of F at peak travel times*
- +2 *Source data indicates project area has an LOS value of E at peak travel times*
- +1 *Source data indicates project area has an LOS value of D at peak travel times*
- 0 *All other values*

Improves or completes an MPO or State identified freight movement issue (Identified in MPO or State published freight plan) (up to 3 points)

- +3 *Project implements a solution to an MPO or State identified freight movement issue*
- +2 *Project supports significant improvements or removes barriers to an existing MPO or State identified freight movement issue*
- +1 *Project supports improvements to an existing MPO or State identified freight movement issue*
- 0 *All other results*

Address proponent identified primary mobility need (Project design will address the primary mobility need identified by the proponent in the question P8 and evaluated by staff) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 1 *Does not meet or address criteria*

Address MPO identified primary mobility need (Project design will address the primary mobility need identified by MPO staff) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 0 *Does not meet or address criteria*

Project reduces congestion (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 address criteria to a low degree*
- 0 *Does not meet or address criteria*

Improves transit reliability (up to 7 points)

- +2 *Implements queue jumping ability for transit*
- +2 *Project prioritizes signals for transit vehicles (ITS)*
- +2 *Project provides for a dedicated busway*
- +1 *Project provides for a bus bump out*

## **ENVIRONMENT AND CLIMATE CHANGE (25 TOTAL POINTS POSSIBLE)**

Air Quality (improves or degrades) (up to 5 points)

- +5 *Project significant improves air quality*
- +3 *Project includes major elements improving air quality*
- +1 *Project includes minor elements improving air quality*
- 0 *Project has no significant air quality impacts*

CO2 reduction (up to 5 points)

- +5 *Project will provide for significant movement towards the goals of the Global Warming Solutions act*
- +3 *Project will provide for movement towards the goals of the Global Warming Solutions act*
- +1 *Project will provide a minor air quality benefit*
- 0 *Project will no additional benefit to air quality*

Project is in an Executive Office of Energy and Environmental Affairs (EOEEA) certified “Green Community” (up to 4 points)

- +4 *Project is in a “Green Community”*
- 0 *Project is not in a “Green Community”*

Project reduces VMT/VHT (up to 7 points)

- +3 *Project provides for a new transit service*
- +1 *Project provides for improved transit access*
- +1 *Project provides for a new bicycle facility*
- +1 *Project provides for a new pedestrian facility*
- +1 *Project implements a transportation demand management strategy*
- 0 *Does not provide for any of the above measures*

Addresses identified environmental impacts (Project design will address the environmental impacts identified by the proponent in the question P11 and/or identified by MPO staff) (up to 4 points)

- +4 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 0 *Does not meet or address criteria*

## **ENVIRONMENTAL JUSTICE (10 TOTAL POINTS POSSIBLE)**

Improves transit for an EJ population (up to 3 points)

- +3 *Project located in an MPO environmental justice area or population zone and will provide new transit access*
- +1 *Project located in an MPO environmental justice area or population zone and will provide improved access*
- 0 *Project provides no improvement in transit access or is not in an MPO environmental justice area or population zone*

Design is consistent with complete streets policies in an EJ area (up to 4 points)

- +1 *Project is located in an MPO environmental justice area or population zone and is a “complete street”*
- +1 *Project is located in an MPO environmental justice area or population zone and provides for transit service*
- +1 *Project is located in an MPO environmental justice area or population zone and provides for bicycle facilities*
- +1 *Project is located in an MPO environmental justice area or population zone and provides for pedestrian facilities*
- 0 *Does not provide any complete streets components*

Addresses an MPO identified EJ transportation issue (up to 3 points)

- +3 *Project located in an MPO environmental justice area or population zone and the project will provide for substantial improvement to an MPO identified EJ transportation issue*
- +2 *Project located in an MPO environmental justice area or population zone and the project will provide for improvement to an MPO identified EJ transportation issue*
- 0 *Project provides no additional benefit and/or is not in an MPO environmental justice area or population zone*
- 10 *Creates a burden in an EJ area*

## **SAFETY AND SECURITY (29 TOTAL POINTS POSSIBLE)**

Improves emergency response (up to 2 points)

- +1 *Project improves an evacuation route, diversion route, or alternate diversion route*
- +1 *Project improves an access route to or in proximity to an emergency support location*

Design effect ability to respond to extreme conditions (up to 6 points)

- +2 *Project addresses flooding problem and/or sea level rise and enables facility to function in such a condition*
- +1 *Project addresses facility that serves as a route out of a hurricane zone*
- +1 *Project brings facility up to current seismic design standards*
- +1 *Project improves access to an emergency support location*
- +1 *Project addresses critical transportation infrastructure*

EPDO/Injury Value Using the Commonwealth’s listing for Estimated Property Damage Only (EPCO) or Injury Value information (up to 3 points)

- +3 *If the value is in the top 20% of most assessed value*
- +2 *If the value is in the top 49 to 21% of most assessed value*
- +1 *If the value is in the top 50 to 1% of the most assessed value*
- 0 *If there is no loss*

Design addresses proponent identified primary safety need (Project design will address the primary safety need identified by the proponent in the question P13) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 1 *Does not meet or address criteria*

Design addresses MPO identified primary safety need (Project design will address the primary MPO identified safety need) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 0 *Does not meet or address criteria*

Improves freight related safety issue (Project design will be effective at improving freight related safety issues including truck crashes) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 0 *Does not meet or address criteria*

Improves bicycle safety (Project design will be effective at improving bicycle related safety issues including crashes) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 0 *Does not meet or address criteria*

Improves pedestrian safety (Project design will be effective at improving pedestrian related safety issues including crashes) (up to 3 points)

- +3 *Meets or addresses criteria to a high degree*
- +2 *Meets or addresses criteria to a medium degree*
- +1 *Meets or address criteria to a low degree*
- 0 *Does not meet or address criteria*

Improves safety or removes an at grade railroad crossing (up to 3 points)

- +3 *Project removes an at grade railroad crossing*
- +2 *Project significantly improves safety at an at grade railroad crossing*
- +1 *Project improves safety at an at grade railroad crossing*
- 0 *Project does not include a railroad crossing*