

PD-12: Transit and HOV Access

Goal: Promote the use of public transit and carpools in communities by dedicating existing facilities to those uses, upgrading existing lanes, or providing new transit and high occupancy vehicle (HOV) facilities.



Sustainability Linkage

Promoting transit and HOV use supports all of the triple bottom line sustainability principles by expanding modal choices while reducing traffic congestion, commuting costs, and emissions.

Background and Scoring Requirements

Scoring Requirements

Transit and HOV facilities installed for this requirement shall be consistent with the need, purpose, and appropriateness for transit and HOV access within the project footprint. To receive credit for this criterion, the project must include contextually appropriate transit and/or HOV facilities that go beyond minimum design standards and requirements, and strive to create safe, versatile, attractive, and convenient transit and HOV networks that are integrated with pedestrian and bicycling networks.

Requirement PD-12.1

1–5 points. Install Transit Features

Achieve the requirements within the project footprint listed in Table PD-12.1,A, which is roughly based on the Federal Transit Authority (FTA) criteria from [Characteristics of Bus Rapid Transit for Decision-Making¹](#) (CBRT), FTA’s [TCRP 90, Bus Rapid Transit²](#), and AASHTO’s [Guide for High-Occupancy Vehicle \(HOV\) Facilities³](#).

Points are **not** cumulative; rather the highest point value achieved should be used.

TABLE PD-12.1.A. AVAILABLE POINTS FOR TRANSIT AND HOV ACCESS FEATURES (CONTINUED ON NEXT PAGE)

Requirement	No. Points	Requirement Description
PD-12.1a	1	<p>Any of one the following:</p> <ul style="list-style-type: none"> Enhance at least 50 percent of transit station or stop amenities (lighting, trash/recycling bins, benches, bike parking, pay phones, heating and/or cooling, etc.) Improve at least 50 percent of the transit and HOV facility signage (related to transit and HOV) and vehicular access (beyond basic ADA requirements) Provide transit shelters at more than 50 percent of the corridor stations/stops

Requirement	No. Points	Requirement Description
		<ul style="list-style-type: none"> Provide seamless pedestrian and bicycle access to stations within at least a half-mile and three-mile catchment area (see FR notice at https://www.federalregister.gov/articles/2011/08/19/2011-21273/final-policy-statement-on-the-eligibility-of-pedestrian-and-bicycle-improvements-under-federal) or other. Provide new park & ride lots in strategic locations.
PD-12.1b	2	<p>Any one of the following:</p> <ul style="list-style-type: none"> Implement two or more of the improvements from the 1 point list above. Implement physical or constructed changes to the roadway structure, dimensions, or form that provide for future HOV access or minor dedicated transit access within the right-of-way (ROW), such as a carpool lane for HOV vehicle, queue jump lanes for transit vehicles, on-street bus lane, bus rapid transit, or an expressway bus lane.
PD-12.1c	3	Implement physical or constructed changes to the roadway structure, dimensions, or form that provide HOV access or minor dedicated transit access within the ROW, such as a carpool lane for HOV vehicles, queue jump lanes for transit vehicles, or shoulder-running buses .
PD-12.1d	4	Implement physical or constructed changes to the roadway structure, dimensions, or form that provide dedicated transit access within the ROW, such as an on-street bus lane, bus rapid transit, or an expressway bus lane .
PD-12.1e	5	Implement physical or constructed changes to the roadway structure, dimensions, or form that provide exclusive mass transit access within the ROW, such as at-grade or grade-separated transit-ways or transit served park-and-ride lots .

Resources

Above-Referenced Resources

The following resources are referenced in this criterion and consolidated here:

- FTA, from Characteristics of Bus Rapid Transit for Decision-Making (CBRT), <https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/CBRT.pdf>
- Diaz and Hinebaugh, TCRP 90, Bus Rapid Transit, 2009, http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rpt_90v1fm.pdf
- AASHTO, Guide for High-Occupancy Vehicle (HOV) Facilities, 3rd Edition, 2004, https://bookstore.transportation.org/item_details.aspx?ID=114

Additional Resources

The following resources provide information on this criterion topic in addition to the sources directly referenced:

- NACTO, Transit Street Design Guide (2016), <https://nacto.org/publication/transit-street-design-guide/>

Scoring Sources

The project is considered to have met this criterion if the requirements above can be reasonably substantiated through the existence of one or more of the following documentation sources (or equal where not available):

1. Purpose and need for transit and HOV access on the roadway project, including how it fits with existing land uses and/or existing General and Transportation Plans.
2. Total cost associated with new or improved transit and HOV facilities.
Contract specifications and budget items addressing transit and HOV.