

Barrier Prioritization Methodology

This document is part of the index and reference documents attached to the WSDOT ADA Transition Plan. This is the method WSDOT will use to prioritize repairs and removal of barriers identified by the processes described in the Transition Plan to achieve ADA compliance.

Prioritization Parameter	Proposed Values	Meaning
Needs Basis	<ul style="list-style-type: none"> Measured Onsite Assessment Remote Assessment 	<p>The method used to assess the needs of a particular Pedestrian Facility.</p> <p><i>Remote means that assessment was made using tools like SRView or Google Maps</i></p>
Needs Assessment	<ul style="list-style-type: none"> Compliant Non-Compliant 	The result of an evaluation of a Pedestrian Facility's ADA compliance to physical standards
Pedestrian Feeder Distance	<ul style="list-style-type: none"> Under ¼ mile ¼ mile up to 1 mile 1 mile or more 	A range associated with the distance in miles from the Pedestrian Facility to the nearest Pedestrian Feeder.
Pedestrian Feeder Importance	<ul style="list-style-type: none"> High Medium Low 	<p>The importance WSDOT has assigned to a particular kind of Pedestrian Feeder.</p> <p><i>High - Public Transit Facility, Medical Facilities, School Zones, Government Offices (focus on Health and Human Svcs)</i></p> <p><i>Medium - Shopping Malls/Areas/ Downtown core, Libraries, Permit / Licensing Offices, Sports Arenas, Public Housing (Section 8)</i></p> <p><i>Low - Residential Areas, Rest Areas, Parks, Shared Use Trails</i></p>
Complaints Exist Flag	<ul style="list-style-type: none"> Yes No 	A flag that indicates whether a member of the public has filed a complaint or request regarding the Pedestrian Facility, or not.
Population Density	<ul style="list-style-type: none"> High Medium Low 	<p>A range associated with population density surrounding an Pedestrian Facility</p> <p>Note: Census data exists that measures people per square mile per county</p> <p><i>High defined as 500 ppsm or higher</i></p> <p><i>Medium defined as 88.4 up to 500 ppsm</i></p> <p><i>Low defined as below 88.4 ppsm</i></p>
Disabled Population Density	<ul style="list-style-type: none"> High Medium Low 	<p>A range associated with the disabled population density surrounding an Pedestrian Facility</p> <p>Note: No data exists that estimates disabled population density. Over 64 years old population density is available in census data, and acts as a reasonable indicator of the disabled population.</p> <p><i>High defined as 23% of population or higher</i></p> <p><i>Medium defined as 11% up to 23% of the population</i></p> <p><i>Low defined as below 11% of the population</i></p>
Agency Focus Area	<ul style="list-style-type: none"> High 	The identification of a Pedestrian Facility based upon direction from the ADA Executive Policy Committee

Figure 1 – Proposed Prioritization Parameters

Proposed Prioritization Rules for use in Transition Planning

1. Compliant when Needs Assessment is Compliant
2. High when Needs Assessment is Non-Compliant and there is a Public Complaint and Needs Basis is Measured
3. High when Needs Assessment is Non-Compliant and Pedestrian Feeder Distance < ¼ mile and Population Density is High
4. High when Needs Assessment is Non-Compliant and Pedestrian Feeder Distance < ¼ mile and Population Density is Medium and there is a significant over-64 population
5. High when identified as an Agency Focus Area
6. Medium when Needs Assessment is Non-Compliant and Pedestrian Feeder Distance between ¼ mile and 1 mile and Pedestrian Feeder Rating is High or Medium and Population Density is High or Medium
7. Medium when Pedestrian Feeder Distance < ¼ and Needs Assessment is Non-Compliant and Population Density is High
8. Medium when Pedestrian Feeder Distance < ¼ and Needs Assessment is Non-Compliant and Population Density is Medium and there is a significant over-64 population
9. Medium when Pedestrian Feeder Distance < ¼ and Needs Assessment is Non-Compliant and Population Density is Medium and there is not a significant over-64 population
10. Medium when Needs Assessment is Non-Compliant and Pedestrian Feeder Distance < ¼ mile and Population Density is Low
11. Medium when Needs Assessment Non-Compliant and Pedestrian Feeder Distance < ¼ mile and Population Density is Medium and there is not a significant over-64 population
12. Medium when Needs Assessment is Non-Compliant and Pedestrian Feeder Distance < ¼ mile, and Pedestrian Feeder Rating is High and Population Density is Medium and there is not a significant over-64 population
13. Medium when Needs Assessment is Non-Compliant and Pedestrian Feeder Distance is between ¼ mile and a mile and Population Density is High
14. Medium when Needs Assessment Non-Compliant and Pedestrian Feeder Distance is between ¼ mile and a mile and Population Density is High or Medium
15. Medium when Needs Assessment is Non-Compliant and Pedestrian Feed Distance is over 1 mile and Population Density is High or Medium
16. Otherwise set Priority to Low

Figure 2 –Proposal for a Prioritization Algorithm