



How to Score Pedestrian Report Card Assessments (PRCA)

Roadway Segments

Boston Region Metropolitan Planning Organization

Scoring Overview

- Roadway segments are given a score of 1, 2, or 3 per performance measure
 - 3 points – Good Quality
 - 2 points – Fair Quality
 - 1 point – Poor Quality
- If an element related to a performance measure is missing, give a score of 0
 - Sidewalks
 - Crosswalks
 - Pedestrian/Vehicle Buffer

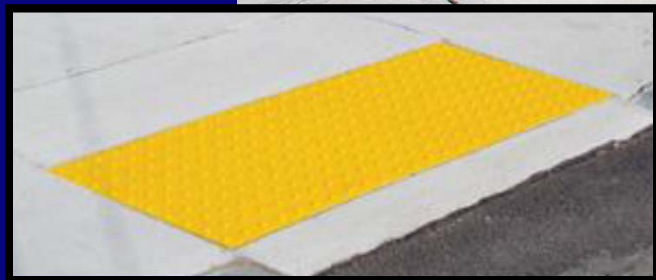
Key points for

GRADING PURPOSES



Curb Ramps with Detectable Warnings

Detectable Warnings
with truncated domes

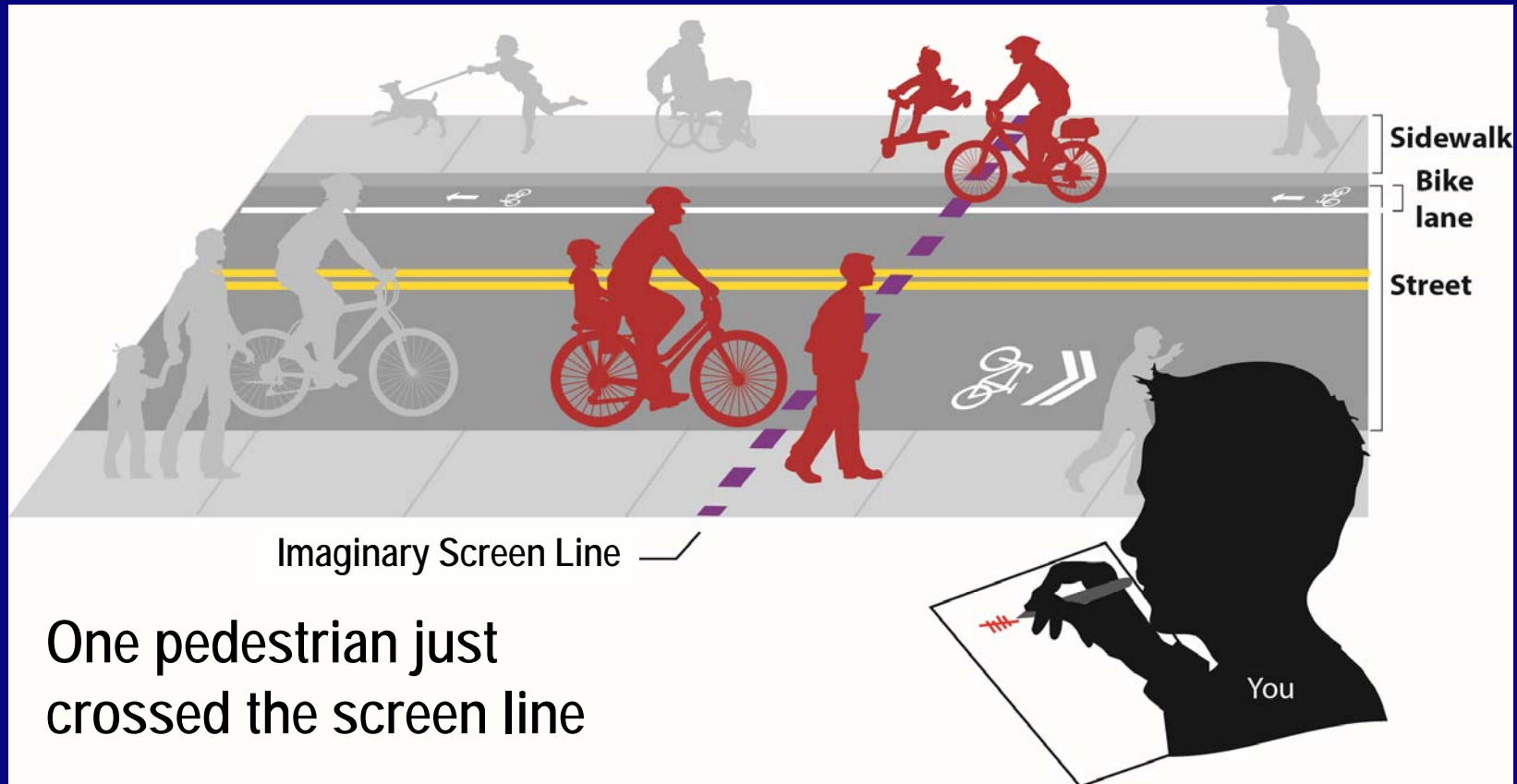


How to Count Pedestrian Volumes

Visualize an imaginary screen line across a path or roadway. Count pedestrians when they cross this line. Counts are conducted in 15-minute intervals, and comprise the total volume of pedestrians traveling in both directions past a given point.



How to Count Pedestrian Volumes



Sidewalk Presence

- Good (3 points)—Roadway segments with five-foot wide sidewalks on both sides of the street
- Fair (2 points)—Roadway segments that have five-foot wide sidewalks on one side of the street
- Poor (1 point)—Roadway segments with sidewalks less than five-feet wide or sidewalks lacking continuity
- Not present (0 points)—Roadway segments without sidewalks

Crosswalk Presence

- Good (3 points)—Roadway segments with a minimum of 10 crosswalks per mile
- Fair (2 points)—Roadway segments with seven to nine crosswalks per mile
- Poor (1 point)—Roadway segments with fewer than seven crosswalks per mile
- Not present (0 points)—Roadway segments without crosswalks



Walkway Width

- Good (3 points)—Roadway segments with sidewalks along both sides that measure at least five feet wide
- Fair (2 points)—Roadway segments with sidewalks on one side that measure at least five feet wide
- Poor (1 point)—Roadway segments with less than half of sidewalks measuring at least five feet wide
- Not present (0 points)—Roadway segments without sidewalks

Pedestrian Volumes

- Good (3 points)—Roadway segments traversed by at least 60 pedestrians per hour
- Fair (2 points)—Roadway segments traversed by 5 to 60 pedestrians per hour
- Poor (1 point)—Roadway segments traversed by fewer than 5 pedestrians per hour

Adjacent Bicycle Accommodations

Do not use if peak travel hour bicycle counts are available

- Good (3 points)—Roadway segments with a designated bicycle travel lane
- Fair (2 points)—Roadway segments with sharrows or extra wide shoulders
- Poor (1 point)—Roadway segments without space for bicycle travel

Bicycle Volumes

Use if peak travel hour bicycle counts are available

- Good (3 points)—Roadway segments with more than 60 bicyclists per hour
- Fair (2 points)—Roadway segments with between 5 and 60 bicyclists per hour
- Poor (1 point)—Roadway segments with fewer than five bicyclists per hour



Pedestrian Crashes

Most recent available five-year period

- Good (3 points)—Roadway segments NOT located in a Highway Safety Improvement Program (HSIP) Pedestrian Crash Cluster
- Fair (2 points)—Roadway segments with one pedestrian crash
- Poor (1 point)—Roadway segments with two pedestrian crashes
- Dangerous (0 points)—Roadway segments located in a HSIP Pedestrian Crash Cluster or with three or more pedestrian crashes

Contact the Boston Region MPO to learn if your intersection has been the site of pedestrian crashes and if it is an HSIP pedestrian crash cluster location.



Pedestrian/Vehicle Buffer

Total distance between vehicular traffic and pedestrian traffic

- Good (3 points)—Roadway segments with at least a 10-foot buffer
- Fair (2 points)—Roadway segments with a 5- to 10-foot buffer
- Poor (1 point)—Roadway segments with buffers narrower than five feet wide
- Not present (0 points)—Roadway segments without buffers



Vehicle Travel Speed

- Good (3 points)—Roadway segments where average vehicle travel speeds are less than 25 miles per hour (mph)
- Fair (2 points)—Roadway segments where average vehicle travel speeds are between 25 mph and 35 mph
- Poor (1 point)—Roadway segments where average vehicle travel speed is 35 mph or more

Contact the Boston Region MPO to find average vehicle travel speeds at your intersection.



Sidewalk Condition

- Good (3 points)—Roadway segments with sidewalks in good condition on both sides of the street
- Fair (2 points)—Roadway segments with sidewalks in good condition on one side of the street
- Poor (1 point)—Roadway segments with less than half of sidewalks in good condition
- Not present (0 point)—Roadway segments without sidewalks

An illustration showing three people at a public meeting. On the left, a man in a red shirt and blue pants stands with his right arm raised. In the center, a woman in a pink shirt and green skirt stands with her back to the camera. On the right, a person in a wheelchair is positioned on a wooden ramp. The background features a blue sky with clouds and a rainbow, and a grey wall with wavy lines. The overall scene suggests a community meeting or public consultation.

Transportation Equity Factor

Use the PRCA Interactive Database

OR

Contact the Boston Region MPO to fill out this section of the PRCA:

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