

Wayfinding Assessment Questions (from NCHRP Report 834, Appendix C)

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| 6.1 Determining the Crossing Location | |
| 6.1.1 Do sidewalks lead to the crosswalks? | |
| 6.1.2 Is separation provided between sidewalk and curb? | |
| 6.1.3 Is the edge of the street clearly defined (outside edge)? | |
| 6.1.4 If other ramps or driveways are nearby, are they adequately delineated and separated?* | |
| 6.1.5 Are traffic control devices accessible? | |
| 6.2 Aligning to Cross and Establishing a Correct Heading | |
| 6.2.1 Is curb ramp width the same as crosswalk width? | |
| 6.2.2 Is curb ramp slope aligned with crossing? | |
| 6.2.3 Are ramp edges aligned with crossing? | |
| 6.2.4 Are detectable warnings aligned with the slope of the curb ramp? | |
| 6.2.5 Are the pushbuttons in correct location? | |
| 6.2.6 Is there a sufficiently level landing and turning space where the pedestrian is waiting to cross?* | |
| 6.3 Maintaining Correct Heading while Crossing (Staying within the Crosswalk) | |
| 6.3.1 Is the crossing configured at the shortest distance practical? | |
| 6.3.2 Is the crossing aligned perpendicular to the curb and splitter edges? | |
| 6.3.3 Are markings clearly visible? | |
| 6.4 Crossings from Channelization and Splitter Islands | |
| 6.4.1 Are islands wide enough to provide safe refuge? | |
| 6.4.2 Are transitions to roadway clearly defined (within the island)? | |
| 6.4.3 Are paths through island clearly identifiable? | |
| 6.4.4 Are pushbuttons accessible? | |
| Notes: | |
| Bold lettering indicates particular item is required by PROWAG-NPRM. | |
| *Question has been reworded from Report 834. | |
| Some questions have been added to or removed from this list. | |

6.1.1. Do sidewalks lead to the crosswalks?

Desirable



Photo: Lee Rodegerdts

Undesirable



Photo: Lee Rodegerdts

6.1.2. Is separation provided between sidewalk and curb?

Desirable: Fence provides separation where buffer is not feasible



Photo: Lee Rodegerdts

Undesirable: Space between bollards not detectable



Photo: Lee Rodegerdts

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6.1.3. Is the edge of the street clearly defined (outside edge)?

Desirable: Detectable warning surface (truncated domes) at edge of street



Photo: Janet Barlow

Undesirable: DWS is not the full width of the area that is level with the street

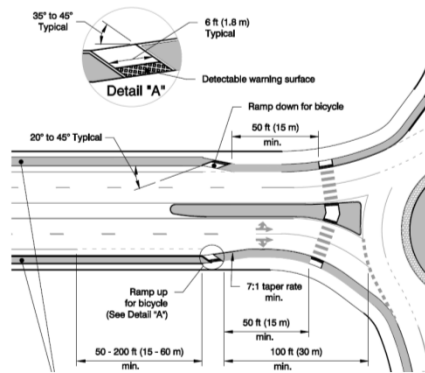


Photo: Janet Barlow

3-4

6.1.4. If other ramps or driveways are nearby, are they adequately delineated and separated?

Desirable: Bike ramp separated from pedestrian ramp, DWS at top of ramp



NCHRP Report 672, Exhibit 6-67

Desirable (mostly): Bike ramp separated from pedestrian ramp (but needs DWS)



Photo: Lee Rodegerdts

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6.2.1. Is curb ramp width the same as crosswalk width?

Desirable



Photo: Janet Barlow

Desirable



Photo: Lee Rodegerdts

3-6

6.2.2. Is curb ramp slope aligned with crossing?

Desirable

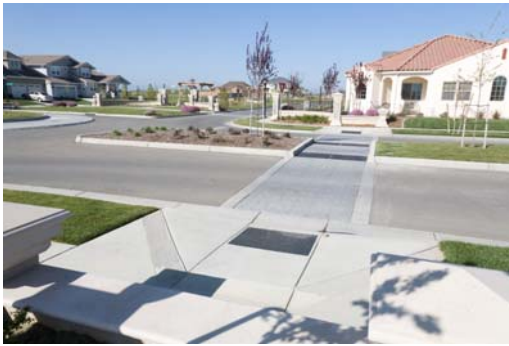


Photo: Lee Rodegerdts

Desirable



Photo: Janet Barlow

3-7

6.2.3. Are ramp edges aligned with crossing?

Desirable



Photo: Lee Rodegerdts

Undesirable: Ramp edges aim away from crosswalk



Photo: Lee Rodegerdts

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6.2.4. Is detectable warning aligned with slope of the curb ramp?

Desirable



Photo: Janet Barlow

Undesirable



Photo: Janet Barlow

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6.2.6 Is there a sufficiently level landing and turning space where the pedestrian is waiting to cross?

Undesirable: no level landing or turning space



Desirable:



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6.3.1. Is the crossing configured at the shortest distance practical?

Desirable



Photo: Lee Rodegerdts

Undesirable



Photo: Lee Rodegerdts

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6.3.2. Is the crossing aligned perpendicular to the curb and island edges?

Desirable



Photo: Lee Rodegerdts

6.3.3. Are markings clearly visible?

**Desirable: High-visibility marking
(zebra or ladder preferred)**



Photo: Lee Rodegerdts

**Undesirable: Change in pavement color
not substitute for markings**



Photo: Lee Rodegerdts

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6.4.1. Are islands wide enough to provide safe refuge?

Desirable



Photo: Lee Rodegerdts

**Undesirable: DWS suggest refuge
within splitter island but too narrow**



Photo: Lee Rodegerdts

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6.4.2. Are transitions to roadway clearly defined (within the island)?

Desirable: DWS at edge of street for full width of area that is level with the street (crosswalk)



Photo: Janet Barlow

Undesirable: No detectable warnings



Photo: Pete Jenior

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6.4.3. Are paths through island clearly identifiable?

Desirable: Surface materials distinguishable under foot between path and rest of island.



Photo: Janet Barlow

Undesirable: Path indistinguishable under foot from rest of island.



Photo: Janet Barlow

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