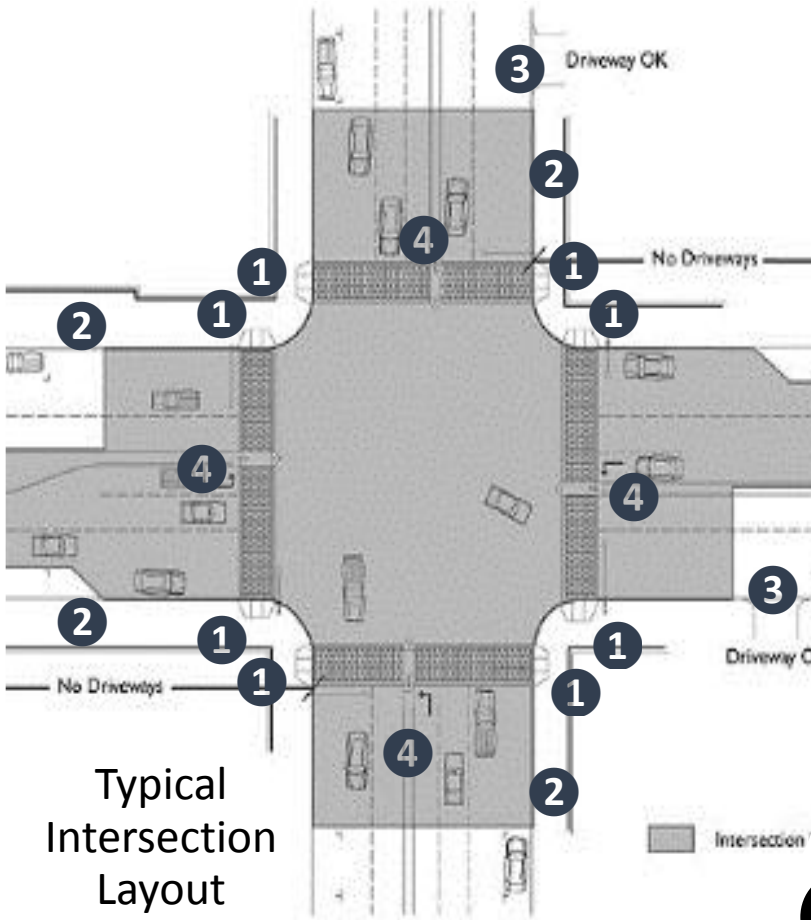


ADA in the Public Rights-of-Way

A Quick Reference Guide to Accessible Design



2 Sidewalks or Pedestrian Access Routes (PAR)

PAR: Shared-use paths, sidewalks, curb ramps, crosswalks, pedestrian overpasses/underpasses.

- Clear Width:** 4ft min (exclusive of curb)
- Passing Area:** 5ft x 5ft min (required every 200ft if sidewalk width < 5ft)
- Cross Slope:** 2% max
- Running Slope:** 5% max

Mounted Objects

- Vertical Object Clearance: 80 inches min
- Vertical Sign Clearance: 84 inches min
- Protrusion Limit: 4 in. min into PAR
 - Exception:** Objects protruding farther than 4 in. at a height greater than 27 in. but less than 80 in., must be equipped with cane-detectable warning device.

Grade Breaks

- Shall be flushed transitions.
- Sidewalk Joints/Gratings: ½ inch diameter max
- Elongated Openings of Grate: perpendicular to dir. of travel

Rail Crossings

- Openings for Wheel Flanges:
 - 2.5 inches max (non-freight rail track)
 - 3.0 inches max (freight rail track)

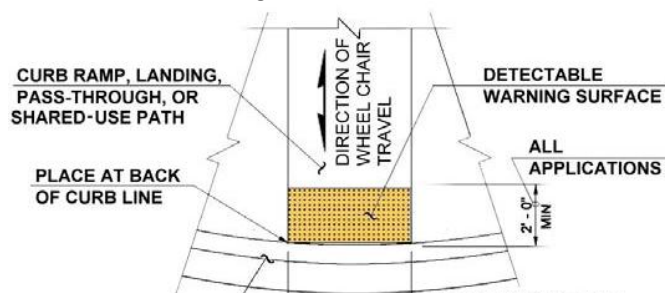
Typical Intersection Layout

1 Curb Ramps and Detectable Warning Surface (DWS)

- Clear Width:** 4ft min (excluding flares)
- Cross Slope:** 2% max
 - Exception:** Midblock Curb Ramps: Match grade of roadway
- Running Slope:** 8.33% max
- Landing Area:** 4ft x 4ft min (req. at top of perpendicular ramp; req. at bottom of parallel ramp)
- Flare Slope:** 10% max

Detectable Warning Surface

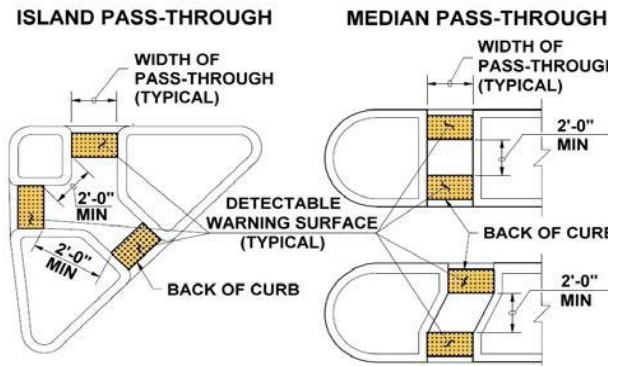
- Required where curb ramp connects to roadway.
- Alignment:** Rows should be parallel to travel
- Placement:** Back of curb
- Size:** 2ft min depth; full width of curb ramp
- Color:** Contrast with background



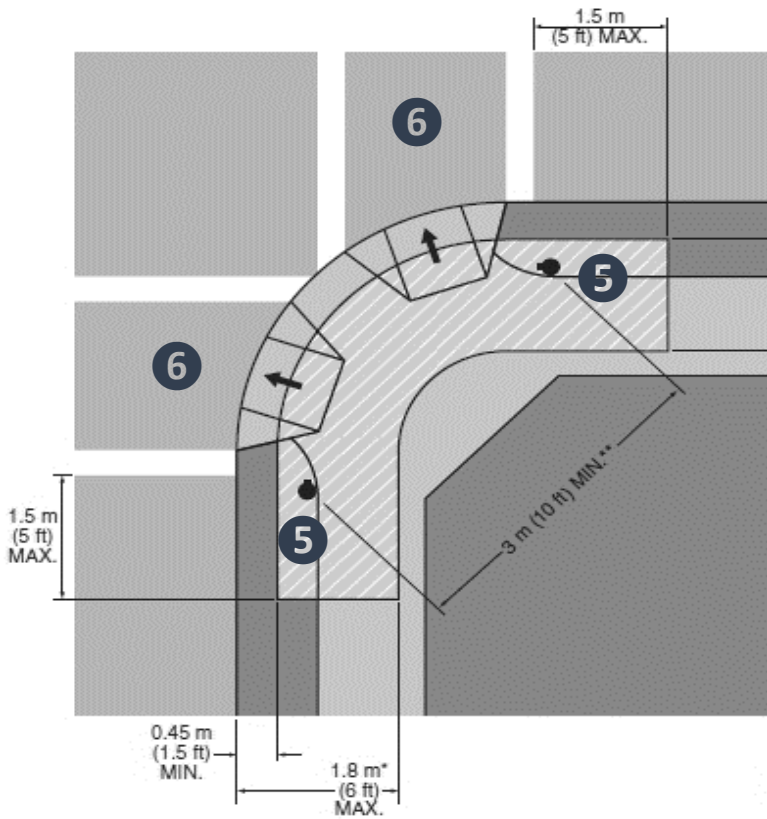
3 Driveways

- Must provide a PAR if intersects with walkway/sidewalk.**
- Width:** 4ft min
- Cross Slope:** 2% max
- Running Slope:** 5% max
 - Exception:** running slope may match grade of roadway
- DWS:** Required if driveway is signalized.

4 Medians/Traffic Island/Splitter Island



- Clear Width of Pass-Through:** 5ft min
- Length of Pass-Through:** 6ft min
- DWS:** At both roadway entrances



6 Crosswalks

Crosswalks are marked or unmarked pedestrian roadway crossings that exist at all the legs of an intersection and midblock.

Alignment: Curb ramps should be completely contained within the aligned crosswalk

Clear Space at the bottom of the ramp: 48 in. min

Highly visible

Cross Slope: 2% max

- **Exceptions:** Midblock Crosswalk: Match grade of roadway
NO STOP/YIELD Controlled Crosswalk: 5% max

7 Construction or Maintenance Work Zone

Pedestrian control for temporary closure due to maintenance or construction activities.

Location: Same side of street as the blocked or closed sidewalk, if feasible.

Channelization: Continuous cane-detectable pedestrian channelization in the form of barricades, longitudinal channelizing devices, and detectable edging shall be provided on both sides of the alternate path from the point where pedestrian traffic is diverted from the closed sidewalk to the point where they are returned to the existing sidewalk network.



5 Accessible Ped Signals (APS) & Push Buttons

Dimensions: 30 in x 48 in min

Location: 1.5-10ft from curb, shoulder, or edge of pavement

Mounting Height: 42-48 in max

Reach Range: 10 in max

Spacing: 10ft min between APS
5ft min on medians

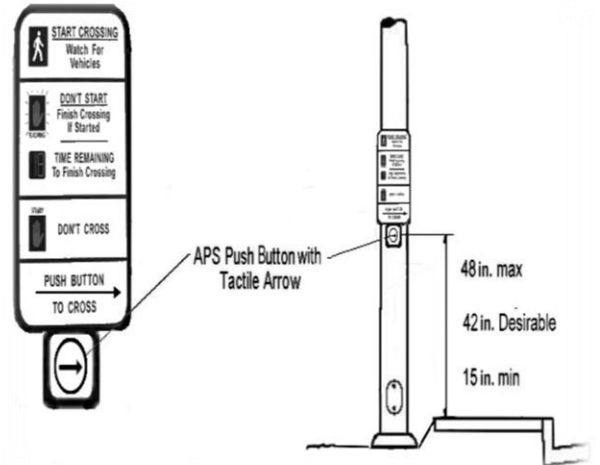
SIGNAL INTERVALS

WALK: Audible and Vibrotactile

DON'T WALK: Locator Tone

Push Button: Face intersection & parallel to crosswalk served

Contrast: High color contrast against housing



8 Bus Stops

Boarding and Alighting (B&A) Area

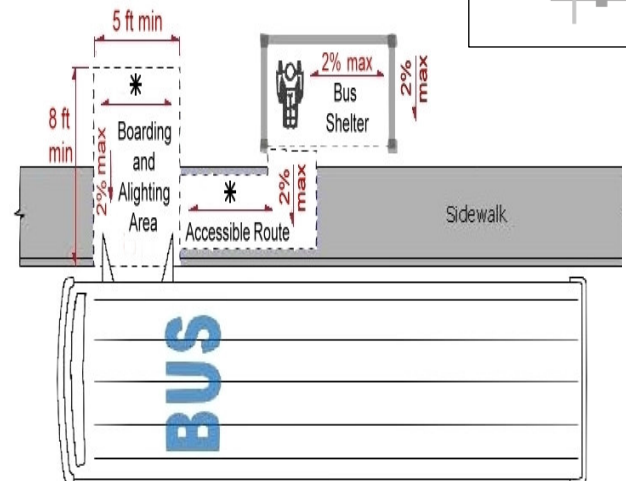
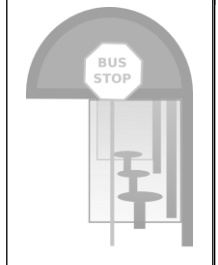
Surface: Firm, stable, slip-resistant

Parallel Slope: Match grade of roadway

Perpendicular Slope: 2% max

Dimension: 5ft wide x 8ft deep

Connection: Streets, sidewalks or PAR



Bus Shelter (if provided)

Clear Space: 36 in x 48 in min

* Slope may be the same as the roadway

Slope: 2% max in all directions

Connection: To B&A by sidewalk or PAR