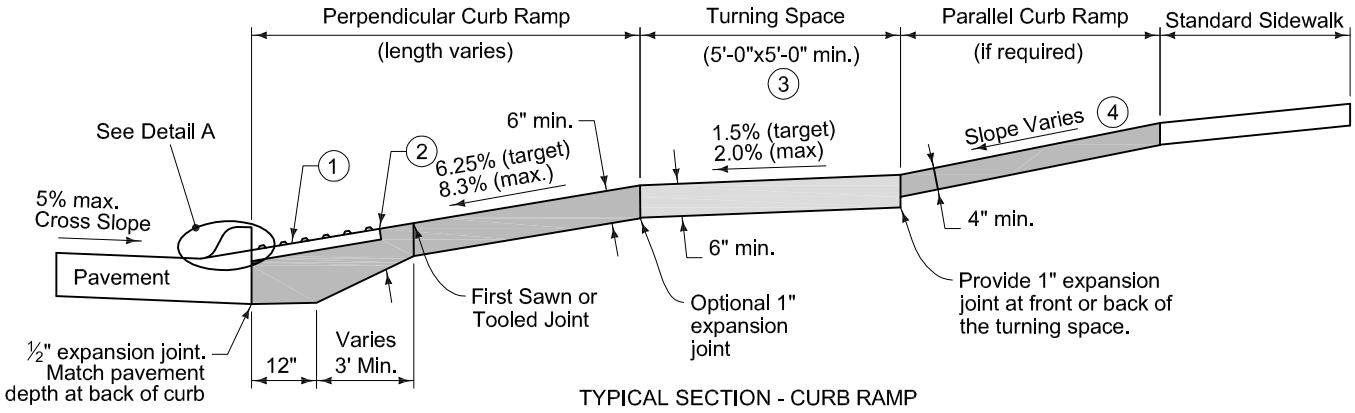
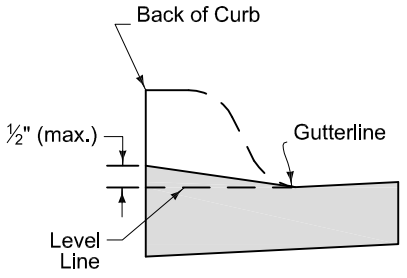


TYPICAL SECTION - CURB RAMP

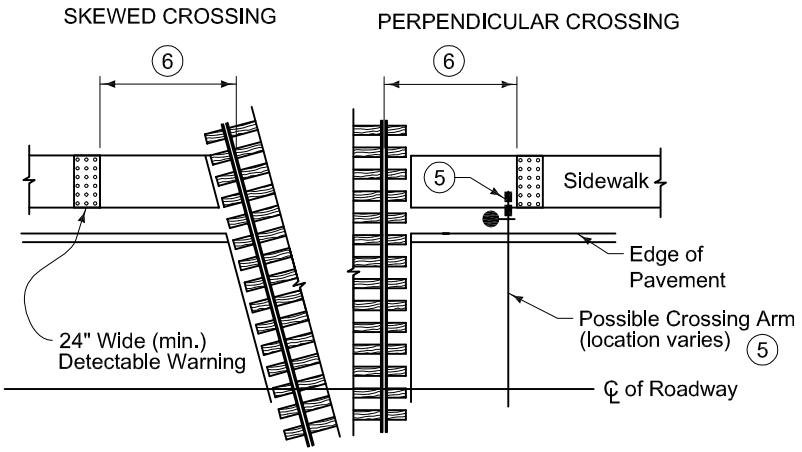


DETAIL A

Key

- Curb Ramp
- Turning Space
- Detectable warning

1. Provide a minimum 2 foot width of detectable warning surfaces in the direction of pedestrian travel across the full width of the curb ramp or turning space, exclusive of curbs or flares. Detectable warning surfaces should, at minimum, have one corner in contact with the back of curb.
2. Provide a minimum of 6 inches of concrete below the detectable warning panel.
3. Minimum 5 feet by 5 feet. Target slope = 1.5%; maximum slope = 2.0% **IN ALL DIRECTIONS.** Landing space to be tied to the ramp on one side each direction.
4. If normal sidewalk elevation cannot be achieved with the perpendicular ramp between the street and landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk. Parallel ramp requirements:
   A. Target ramp slope of 6.25% (Maximum 8.3%), or
   B. Minimum length of 15'-0" at any constant slope
5. If crossing gate conflicts with location of detectable warning or if pedestrian crossing gate is provided, place detectable warning panel in advance of the crossing gate.
6. Locate front edge of detectable warning panel 12 to 15 feet from centerline of nearest rail. Orient truncated domes parallel to the direction of pedestrian travel.



DETECTABLE WARNING LOCATION AT RAILROAD CROSSING

FILE NO.: 2700–201	CEDAR RAPIDS METROPOLITAN AREA STANDARD DETAILS FOR PUBLIC IMPROVEMENTS
APPROVAL DATE: MAY 2014	
REVISION NO.: 1	GENERAL SIDEWALK AND CURB RAMP DETAILS
REVISION DATE: SEPT 2014	NO. 2700–201