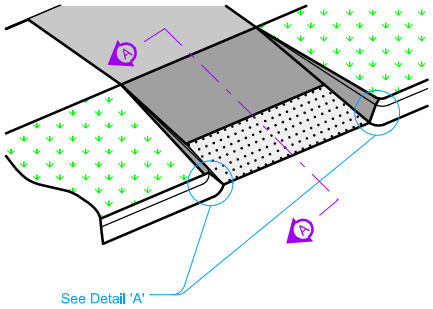
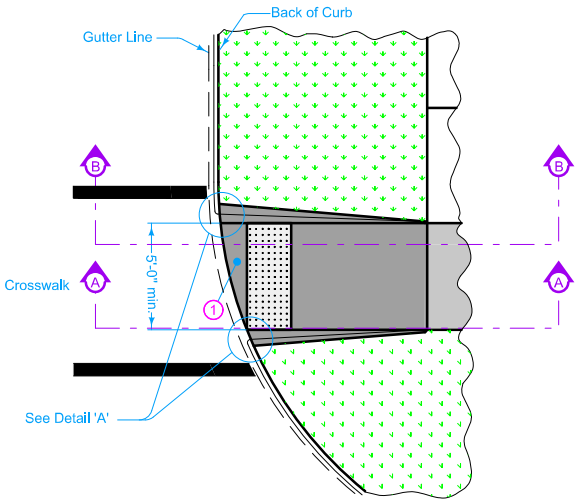


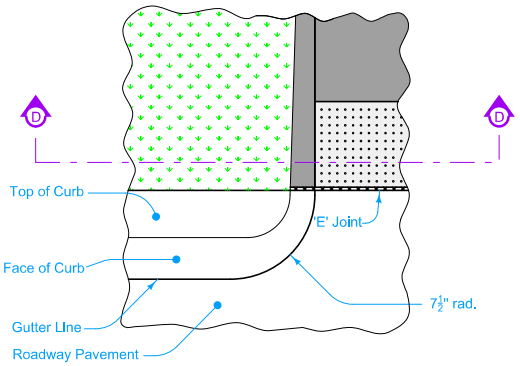
CURB RAMP PERPENDICULAR TO CURB



CURB RAMP NOT PERPENDICULAR TO CURB

1. Unless curb ramp is aligned perpendicular to the street radius, provide an area of special shaping at the bottom of the ramp. This area allows the grade break at the bottom of the ramp to be perpendicular to the ramp and provides a smooth transition to gutterline for wheelchair access.

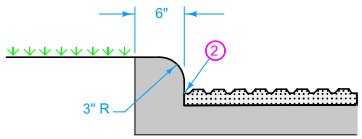
2. Use vertical curb adjacent to ramp unless flares are specified in the project plans. Install Detectable Warnings so that no gap is left between warning panel and base of curb.



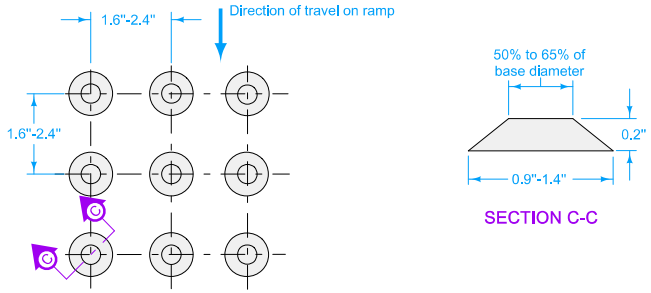
DETAIL 'A'

LEGEND

- Ramp
- Landing
- Detectable Warnings
- Vegetation



SECTION D-D



SQUARE PATTERN
(Parallel alignment)

DOME DETAILS ON DETECTABLE WARNINGS

Possible Contract Items:
- Detectable Warnings
- Sidewalk, P.C. Concrete, 6 in.
- Sidewalk, P.C. Concrete, 4 in.
- Removal of Sidewalk

Possible Tabulation:
- 113-1

Iowa Department of Transportation

REVISION: 4 | 04-17-12

STANDARD ROAD PLAN

MI-220

SHEET 1 of 3

REVISIONS: Modified location of Detail 'B', added Section D-D and changed title.

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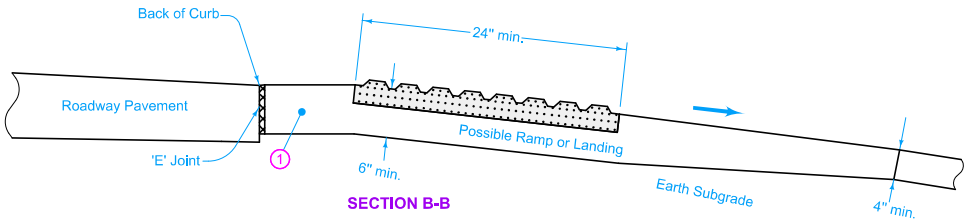
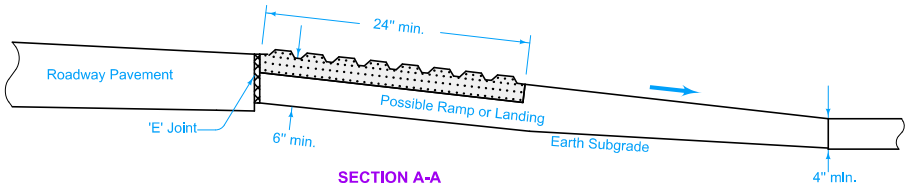
DETECTABLE WARNINGS AND PEDESTRIAN RAMP



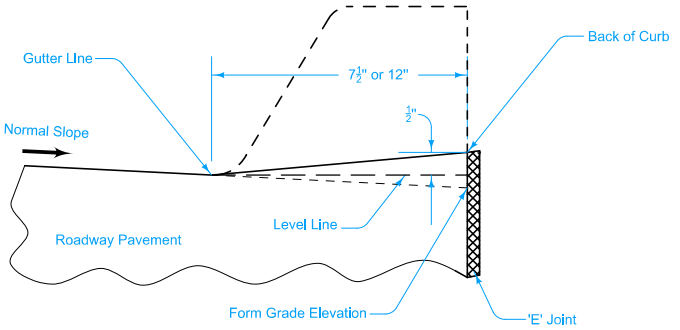
SECTION B-B



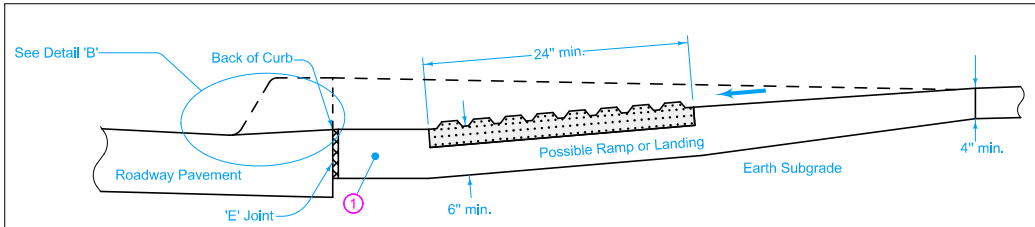
SECTION A-A

TYPICAL INSTALLATION DETECTABLE WARNING
WITH NON CURBED ROADWAY

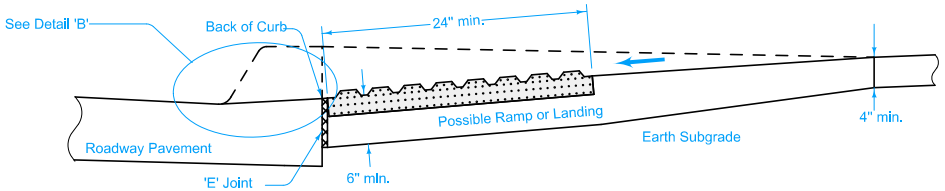
1 Unless curb ramp is aligned perpendicular to the street radius, provide an area of special shaping at the bottom of the ramp. This area allows the grade break at the bottom of the ramp to be perpendicular to the ramp and provides a smooth transition to gutterline for wheelchair access.



DETAIL 'B'



SECTION B-B



SECTION A-A

TYPICAL INSTALLATION DETECTABLE WARNING
WITH CURBED ROADWAY

LEGEND

- Ramp
- Landing
- Detectable Warnings
- Vegetation

Iowa Department of Transportation

REVISION

4	04-17-12

STANDARD ROAD PLAN

MI-220

SHEET 2 of 3

REVISIONS: Modified location of Detail 'B', added Section D-D and changed title.

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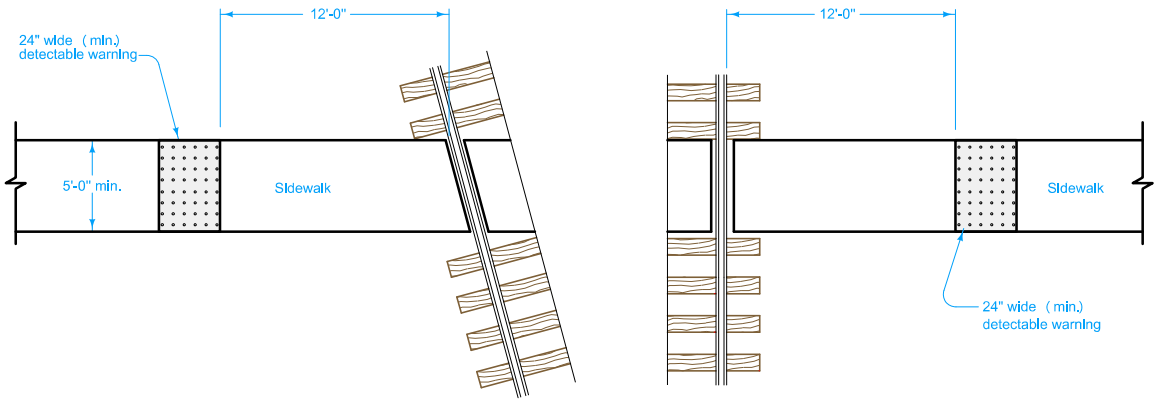
DETECTABLE WARNINGS AND PEDESTRIAN RAMP



RAILROAD CROSSING

LEGEND

- Ramp
- Landing
- Detectable Warnings
- Vegetation

Iowa Department of Transportation

REVISION 4 04-17-12

STANDARD ROAD PLAN

MI-220

SHEET 3 of 3

REVISIONS: Modified location of Detail 'B', added Section D-D and changed title.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

DETECTABLE WARNINGS AND PEDESTRIAN RAMP