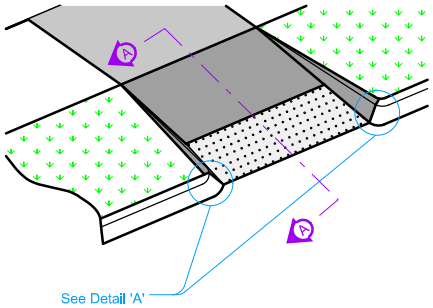
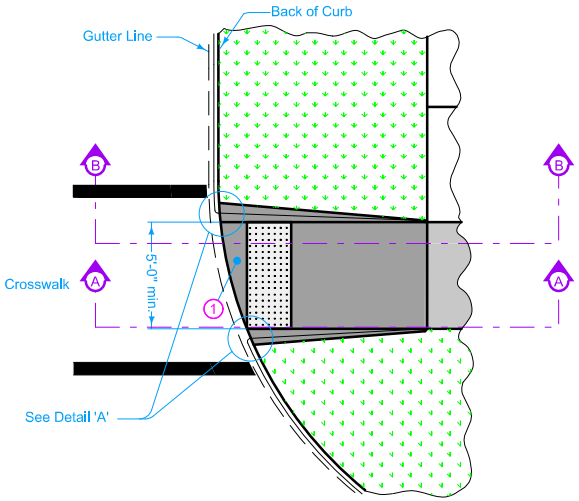
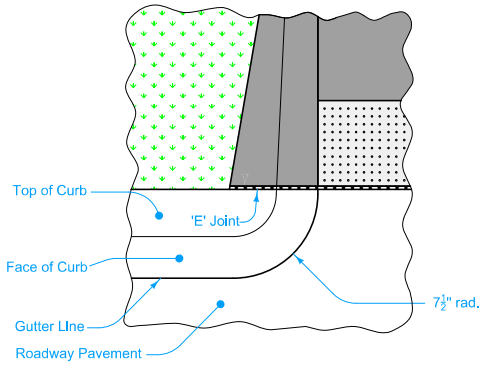



**CURB RAMP PERPENDICULAR TO CURB**

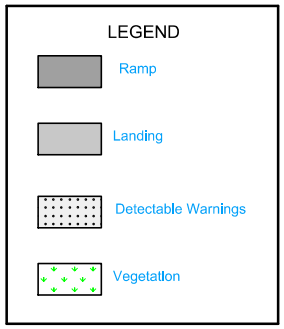


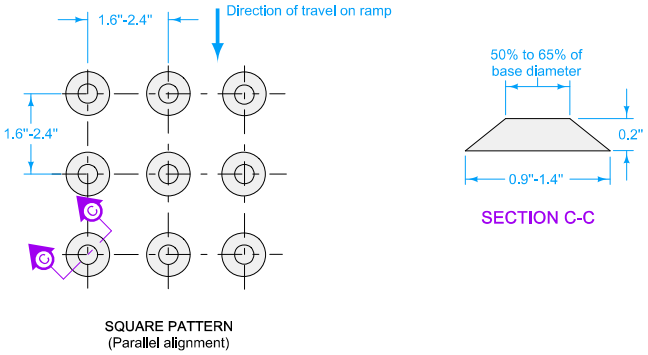

**CURB RAMP NOT PERPENDICULAR TO CURB**

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.




DETAIL 'A'




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

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**STANDARD ROAD PLAN**

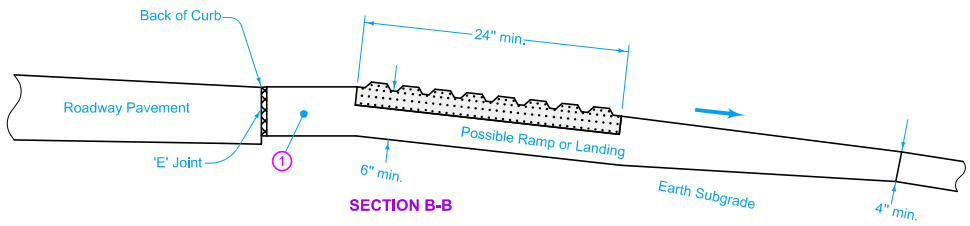
**MI-220**

SHEET 1 of 3

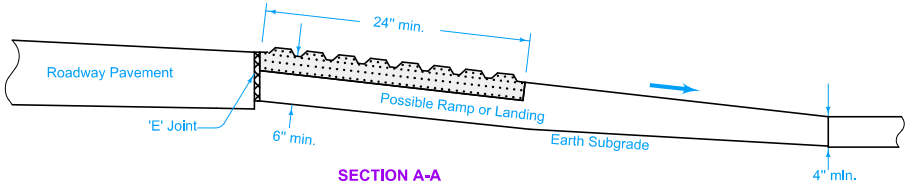
REVISIONS: Modified layouts and designs.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

**SIDEWALK WITH DETECTABLE WARNINGS**



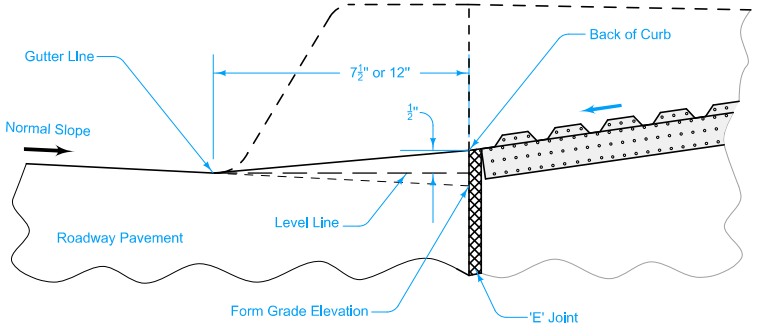

SECTION B-B



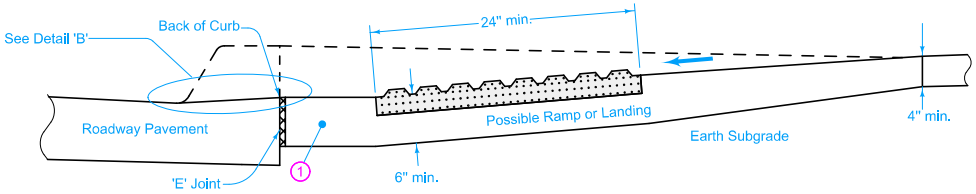

SECTION A-A

TYPICAL INSTALLATION DETECTABLE WARNING
WITH NON CURBED ROADWAY

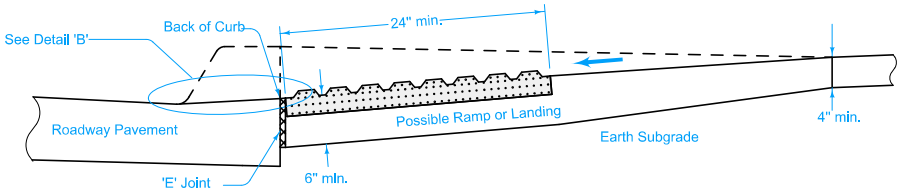
1 Unless curb ramp is aligned perpendicular to the street radius, provide an area of special shaping at the bottom of the ramp. This area allows the grade break at the bottom of the ramp to be perpendicular to the ramp and provides a smooth transition to gutterline for wheelchair access.




DETAIL 'B'




SECTION B-B




SECTION A-A

TYPICAL INSTALLATION DETECTABLE WARNING
WITH CURBED ROADWAY

LEGEND

- Ramp
- Landing
- Detectable Warnings
- Vegetation

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STANDARD ROAD PLAN

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MI-220

SHEET 2 of 3

REVISIONS: Modified layouts and designs.

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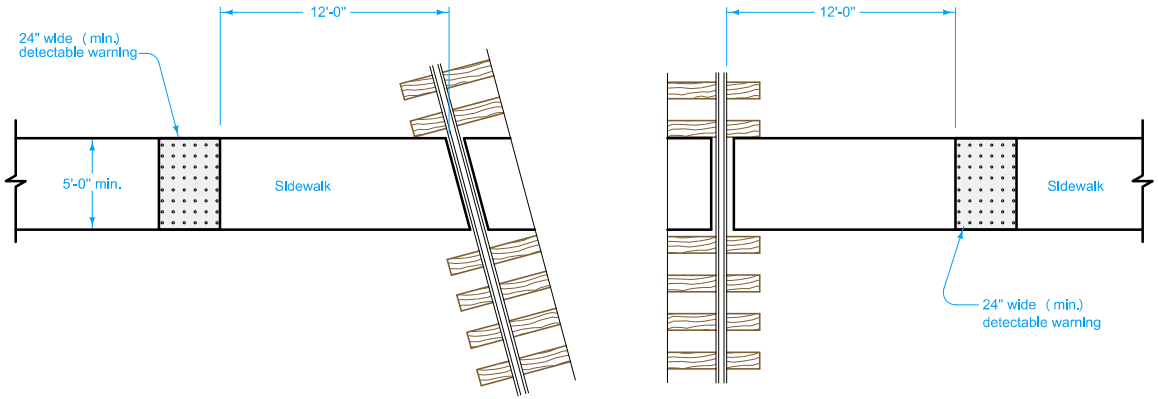
SIDEWALK WITH
DETECTABLE WARNINGS




**RAILROAD CROSSING**

LEGEND

- Ramp
- Landing
- Detectable Warnings
- Vegetation

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**STANDARD ROAD PLAN**

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**MI-220**

SHEET 3 of 3

REVISIONS: Modified layouts and designs.

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**SIDEWALK WITH DETECTABLE WARNINGS**