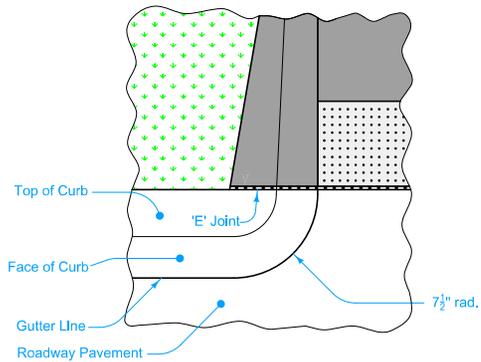
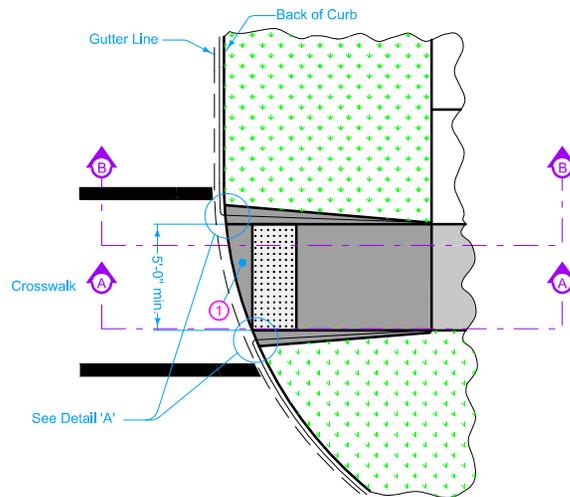


See Detail 'A'

CURB RAMP PERPENDICULAR TO CURB



DETAIL 'A'

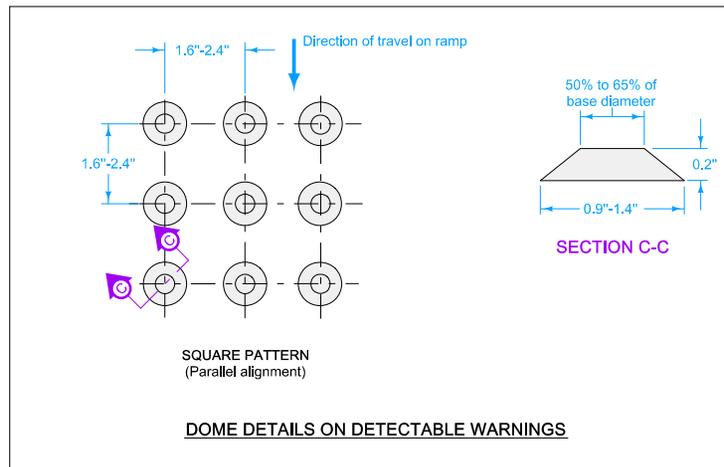


See Detail 'A'

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.

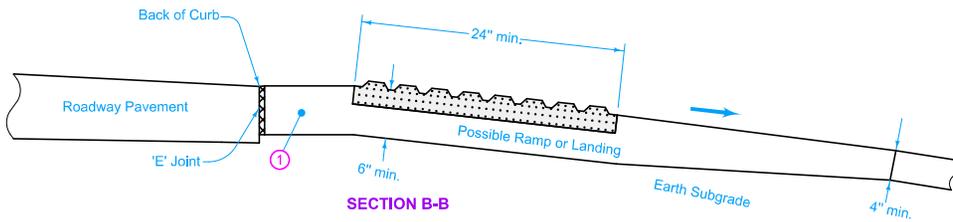
LEGEND	
	Ramp
	Landing
	Detectable Warnings
	Vegetation



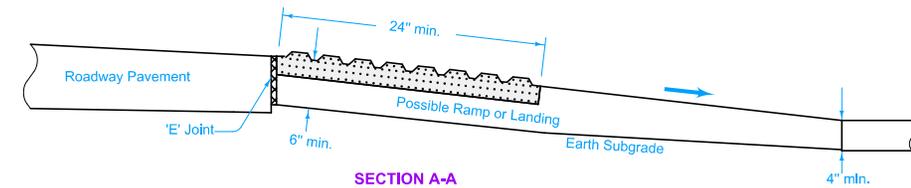
Possible Contract Items:
 Detectable Warnings
 Sidewalk, P.C. Concrete, 6 in.
 Sidewalk, P.C. Concrete, 4 in.
 Removal of Sidewalk

Possible Tabulation:
 113-1

	REVISION
	3 10-18-11
STANDARD ROAD PLAN	MI-220
REVISIONS: Modified layouts and designs.	SHEET 1 of 3
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
SIDEWALK WITH DETECTABLE WARNINGS	



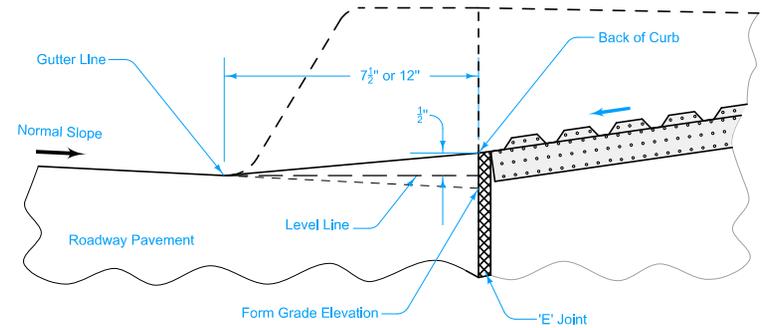
SECTION B-B



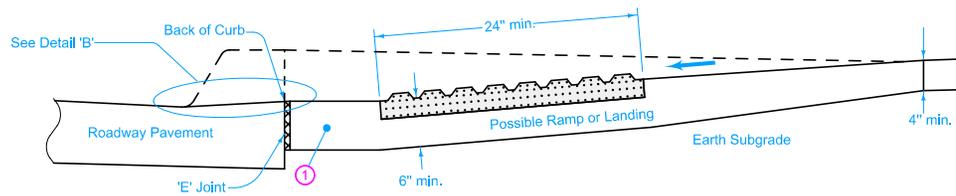
SECTION A-A

TYPICAL INSTALLATION DETECTABLE WARNING WITH NON CURBED ROADWAY

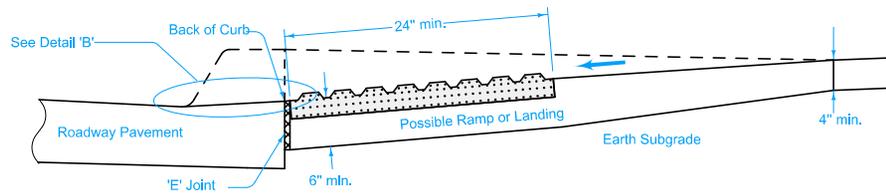
1 Unless curb ramp is aligned perpendicular to the street radius, provide an area of special shaping at the bottom of the ramp. This area allows the grade break at the bottom of the ramp to be perpendicular to the ramp and provides a smooth transition to gutterline for wheelchair access.



DETAIL 'B'



SECTION B-B



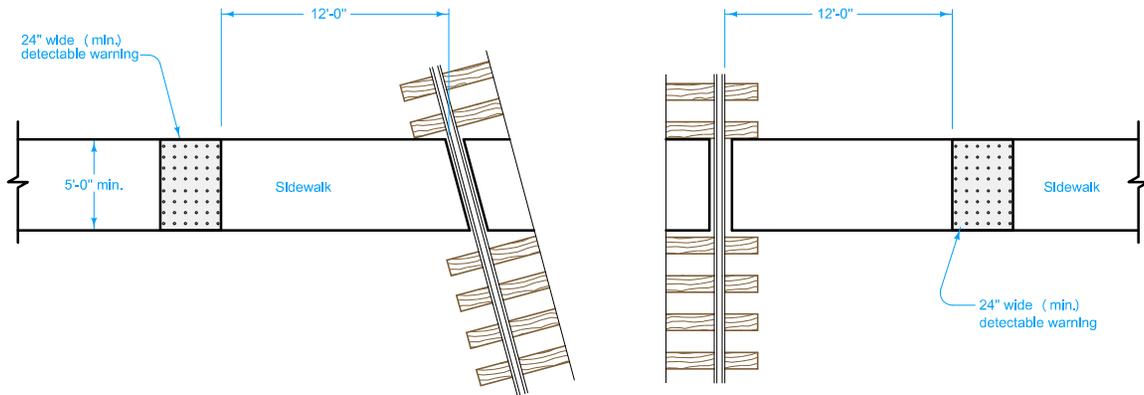
SECTION A-A

TYPICAL INSTALLATION DETECTABLE WARNING WITH CURBED ROADWAY

LEGEND

-  Ramp
-  Landing
-  Detectable Warnings
-  Vegetation

 Iowa Department of Transportation	REVISION
	3 10-18-11
STANDARD ROAD PLAN	MI-220
REVISIONS: Modified layouts and designs.	SHEET 2 of 3
<i>Deanna Macfild</i> APPROVED BY DESIGN METHODS ENGINEER	
SIDEWALK WITH DETECTABLE WARNINGS	



RAILROAD CROSSING

LEGEND

-  Ramp
-  Landing
-  Detectable Warnings
-  Vegetation

 Iowa Department of Transportation	REVISION	
	3	10-18-11
STANDARD ROAD PLAN	MI-220	
REVISIONS: Modified layouts and designs.		
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>		
SIDEWALK WITH DETECTABLE WARNINGS		