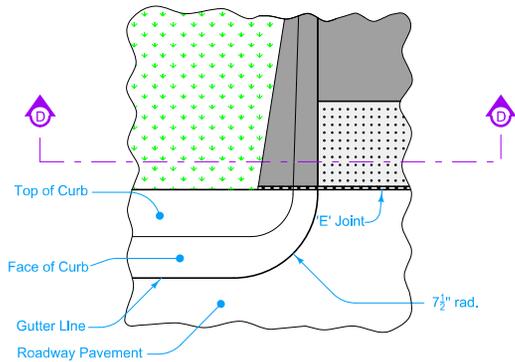
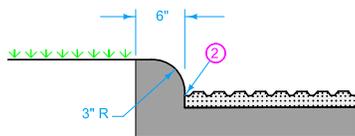


See Detail 'A'

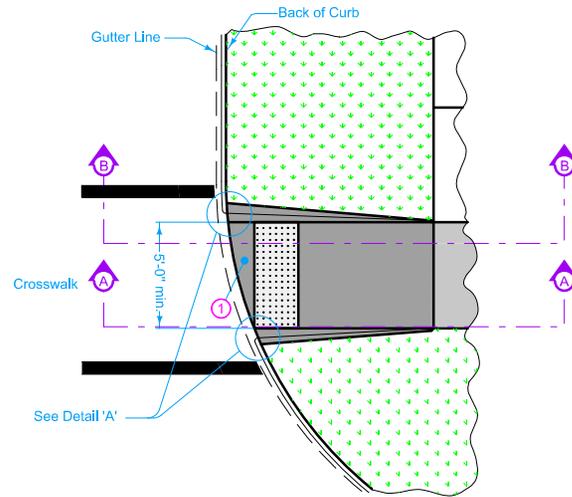
CURB RAMP PERPENDICULAR TO CURB



DETAIL 'A'



SECTION D-D

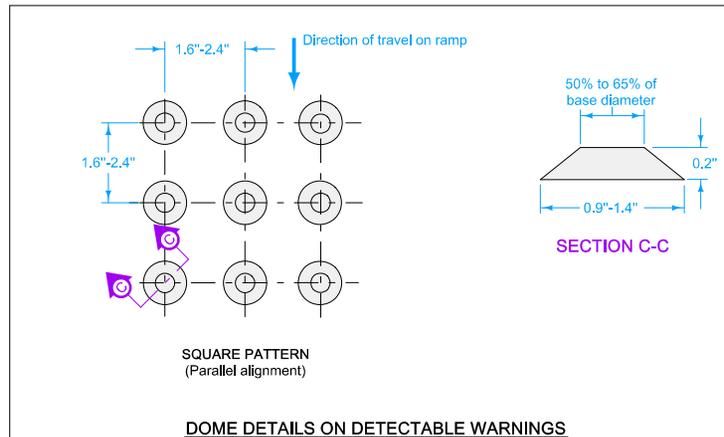


See Detail 'A'

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.
- 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.

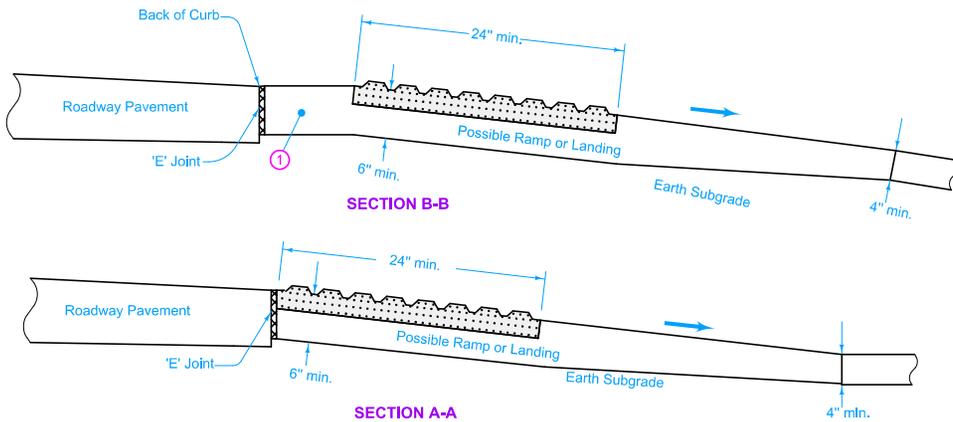
LEGEND	
	Ramp
	Landing
	Detectable Warnings
	Vegetation



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

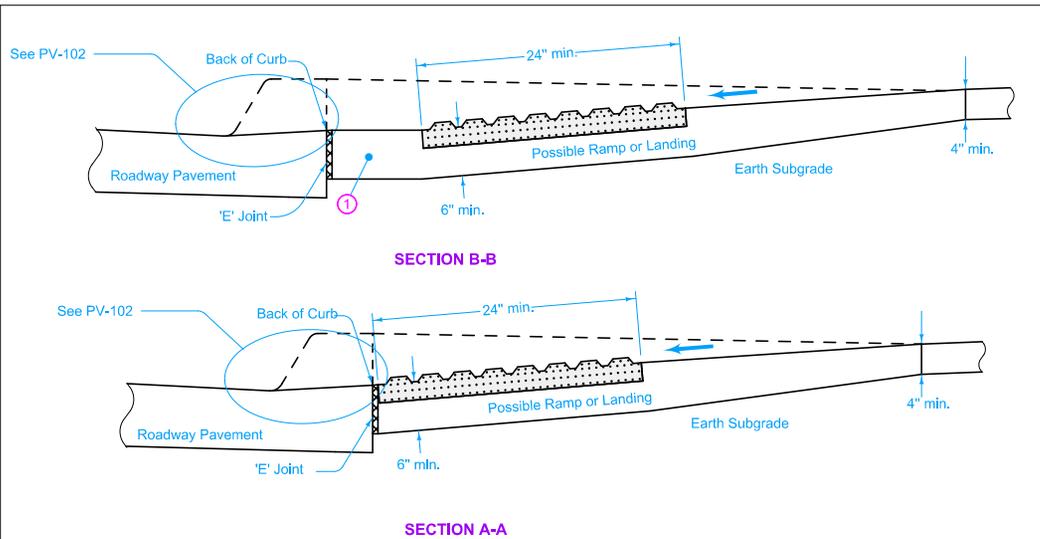
Possible Tabulation:
 113-1

<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: Removed DETAIL B on page 2 and placed similar detail on PV-102. Modified DETAIL A on page 1.</p> <p><i>Deanna Macfild</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small></p>	<p>REVISION</p> <table border="1"> <tr> <td>5</td> <td>10-16-12</td> </tr> </table>	5	10-16-12
	5	10-16-12	
	<p>MI-220</p> <p>SHEET 1 of 3</p>		
<p>DETECTABLE WARNINGS AND PEDESTRIAN RAMP</p>			



TYPICAL INSTALLATION DETECTABLE WARNING WITH NON CURBED ROADWAY

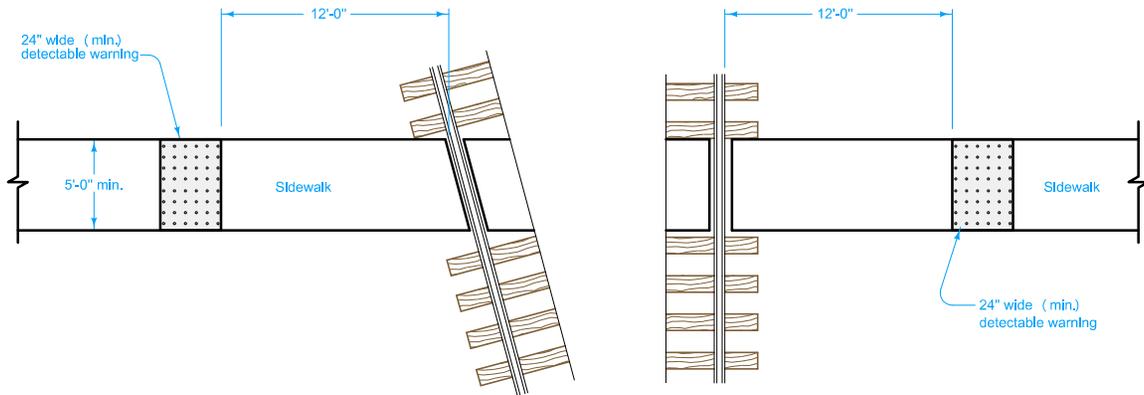
① Unless curb ramp is aligned perpendicular to the street radius, provide an area of special shaping at the bottom of the ramp. This area allows the grade break at the bottom of the ramp to be perpendicular to the ramp and provides a smooth transition to gutterline for wheelchair access.



TYPICAL INSTALLATION DETECTABLE WARNING WITH CURBED ROADWAY

LEGEND	
	Ramp
	Landing
	Detectable Warnings
	Vegetation

 Iowa Department of Transportation	REVISION
	5 10-16-12
STANDARD ROAD PLAN	MI-220
SHEET 2 of 3	
REVISIONS: Removed DETAIL B on page 2 and placed similar detail on PV-102. Modified DETAIL A on page 1.	
<i>Deanna Macfadyen</i> APPROVED BY DESIGN METHODS ENGINEER	
DETECTABLE WARNINGS AND PEDESTRIAN RAMP	



RAILROAD CROSSING

LEGEND

-  Ramp
-  Landing
-  Detectable Warnings
-  Vegetation

 Iowa Department of Transportation	REVISION	
	5	10-16-12
STANDARD ROAD PLAN		MI-220
		SHEET 3 of 3
REVISIONS: Removed DETAIL B on page 2 and placed similar detail on PV-102. Modified DETAIL A on page 1.		
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>		
DETECTABLE WARNINGS AND PEDESTRIAN RAMP		