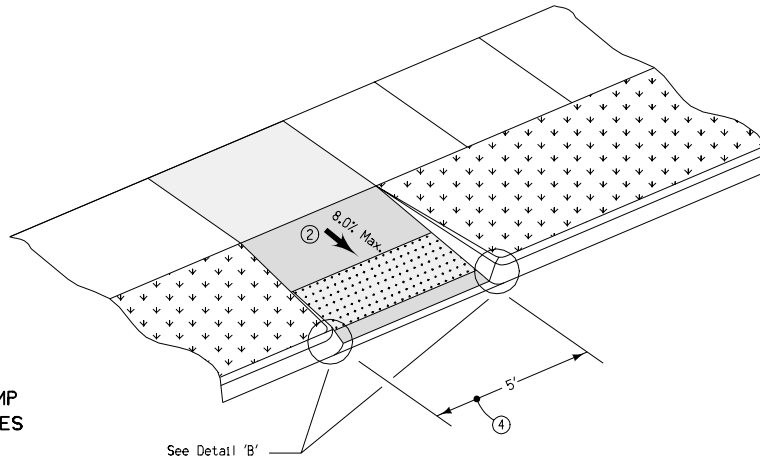


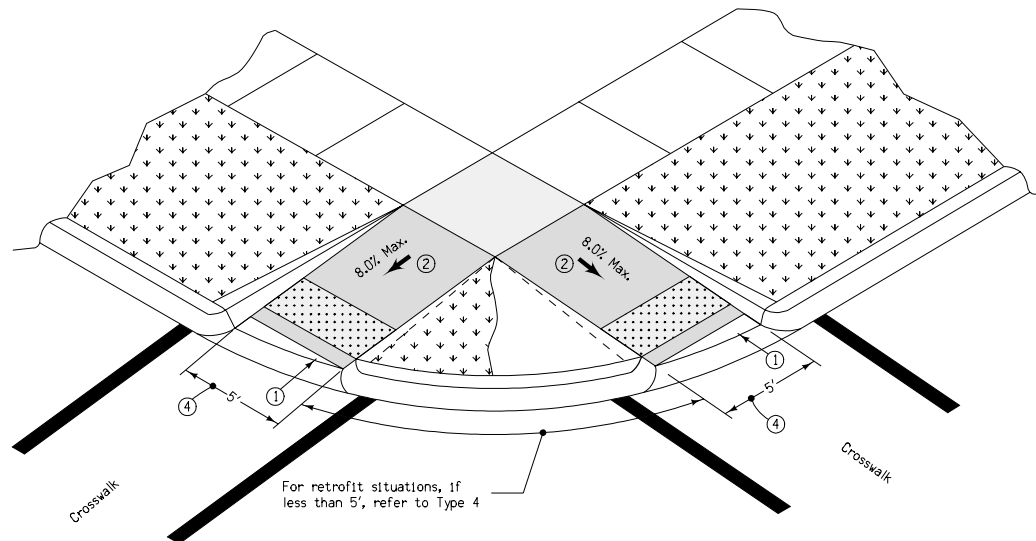
TYPE 1-R  
PERPENDICULAR RAMP  
WITH RETURNED SIDES



- ① Unless curb ramp is aligned perpendicular to the street radius, an area of special shaping must be provided at the bottom of the ramp. This area shall allow the grade break at the bottom of the ramp to be perpendicular to the ramp and shall provide a smooth transition to gutterline for wheelchair access. No curb lip allowed in this area. Maximum cross slope shall be 2%.
- ② Maximum cross slope is 2%.
- ③ A 5' x 5' level landing area shall be provided at all curb ramps. Maximum slope in any direction is 2%.
- ④ Distance measured from face of curb to face of curb.


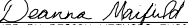
LEGEND

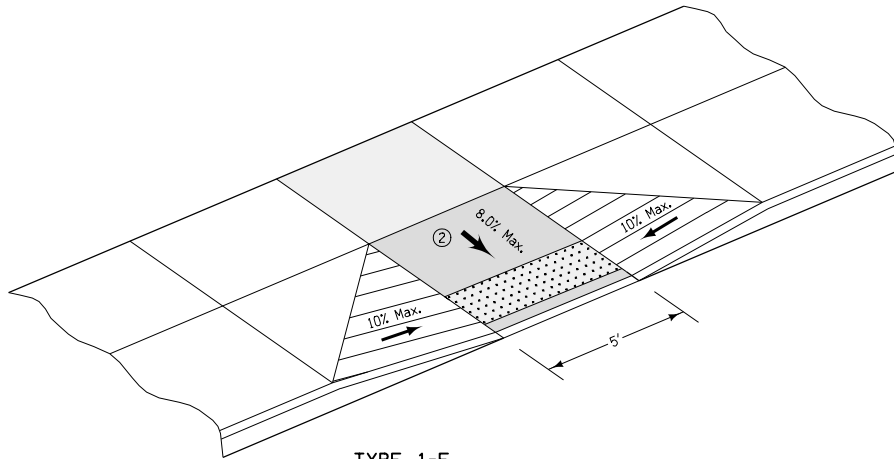
	Curb Ramp
	Landing Area ③
	Detectable Warnings
	Vegetation



TYPICAL APPLICATION  
OF TYPE 1-R RAMPS  
AT A CORNER

Contract Items:  
PCC Sidewalk, 6 inch  
Detectable Warnings  
Tabulation: 112-4

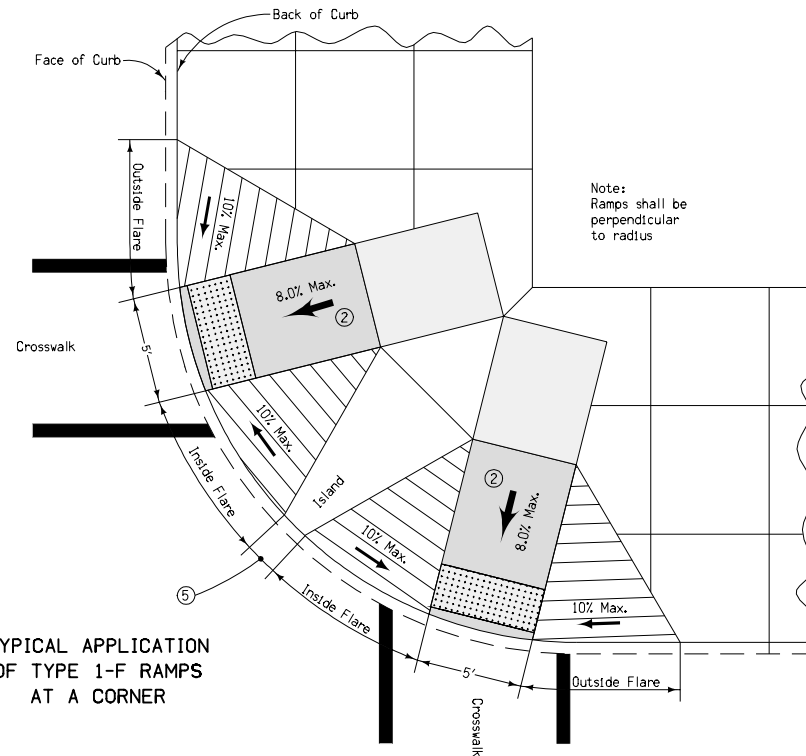
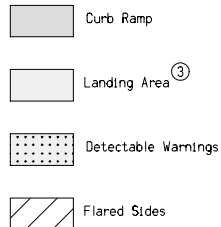
	REVISION	
	13	04-17-07
	RB-6	
	SHEET 1 of 6	
STANDARD ROAD PLAN		
REVISIONS: Three sheets added and curb ramp types renamed and modified.		
		
APPROVED BY DESIGN METHODS ENGINEER		
PEDESTRIAN CURB RAMPS		




TYPE 1-F  
PERPENDICULAR RAMP  
WITH FLARED SIDES

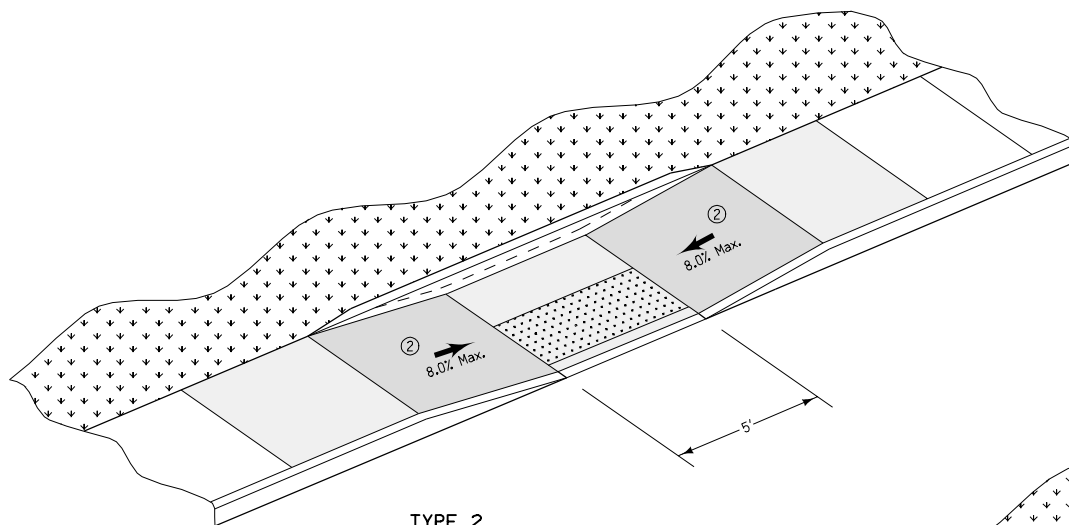
- ② Maximum cross slope is 2%.
- ③ A 5' x 5' level landing area shall be provided at all curb ramps. Maximum slope in any direction is 2%.
- ⑤ Width varies; if center island cannot be constructed at a minimum width of 2' and height of 3" by reducing the width of the inside flares, refer to Type 5.

#### LEGEND



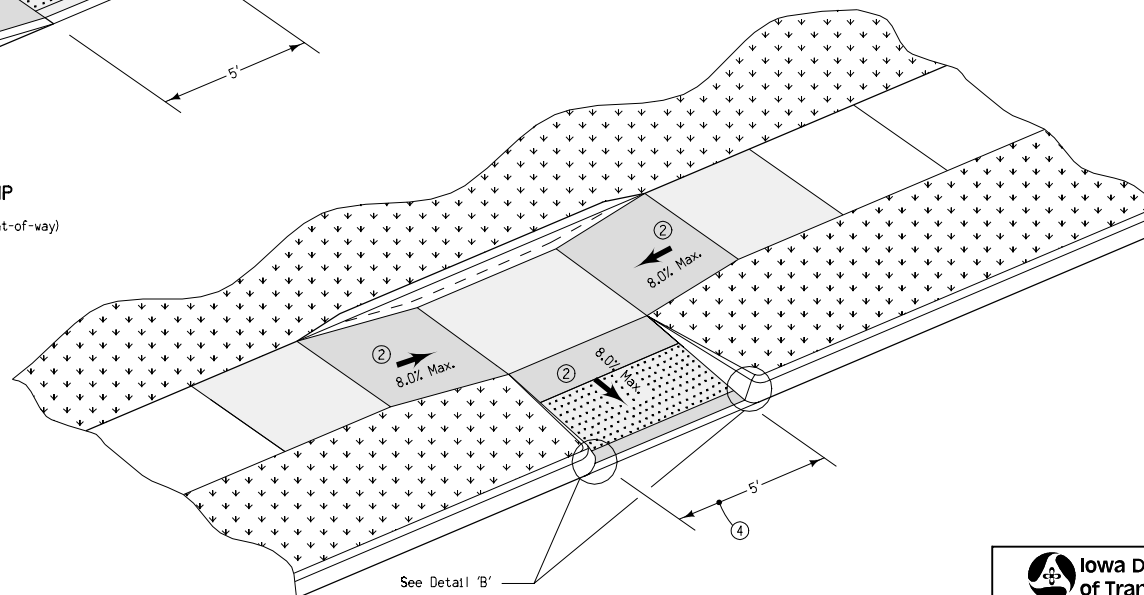
TYPICAL APPLICATION  
OF TYPE 1-F RAMP  
AT A CORNER

	REVISION	
	13	04-17-07
	<b>RB-6</b>	
	SHEET 2 of 6	
<b>STANDARD ROAD PLAN</b>		
REVISIONS: Three sheets added and curb ramp types renamed and modified.		
<i>Deanna Mayfield</i>		
APPROVED BY DESIGN METHODS ENGINEER		
PEDESTRIAN CURB RAMPS		



**TYPE 2  
PARALLEL RAMP**  
(For use with restricted right-of-way)

- ② Maximum cross slope is 2%.
- ③ A 5' x 5' level landing area shall be provided at all curb ramps. Maximum slope in any direction is 2%.
- ④ Distance measured from face of curb to face of curb.





**TYPE 3  
COMBINATION RAMP**  
(For use with restricted right-of-way)


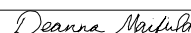
**LEGEND**

 Curb Ramp

 Landing Area ③

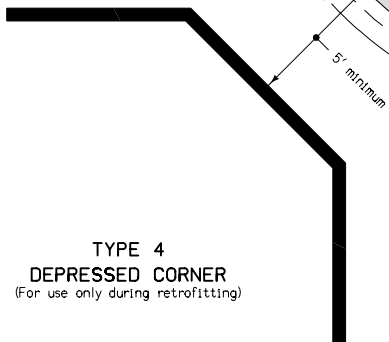
 Detectable Warnings

 Vegetation

 Iowa Department of Transportation	REVISION	
	13	04-17-07
	<b>RB-6</b>	
<b>STANDARD ROAD PLAN</b>		
SHEET 3 of 6		
REVISIONS: Three sheets added and curb ramp types renamed and modified.		
		
APPROVED BY DESIGN METHODS ENGINEER		
<b>PEDESTRIAN CURB RAMPS</b>		






1' Min. transition section (at existing curb and gutter locations, remove curb and build transition section)

Crosswalk

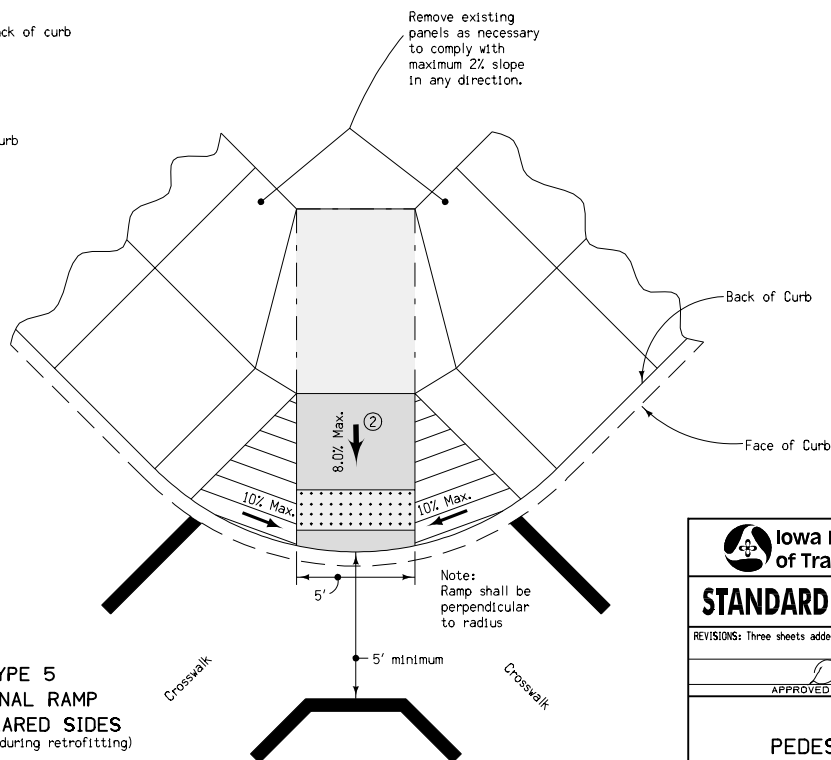


**TYPE 4  
DEPRESSED CORNER**  
(For use only during retrofitting)


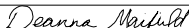
**LEGEND**

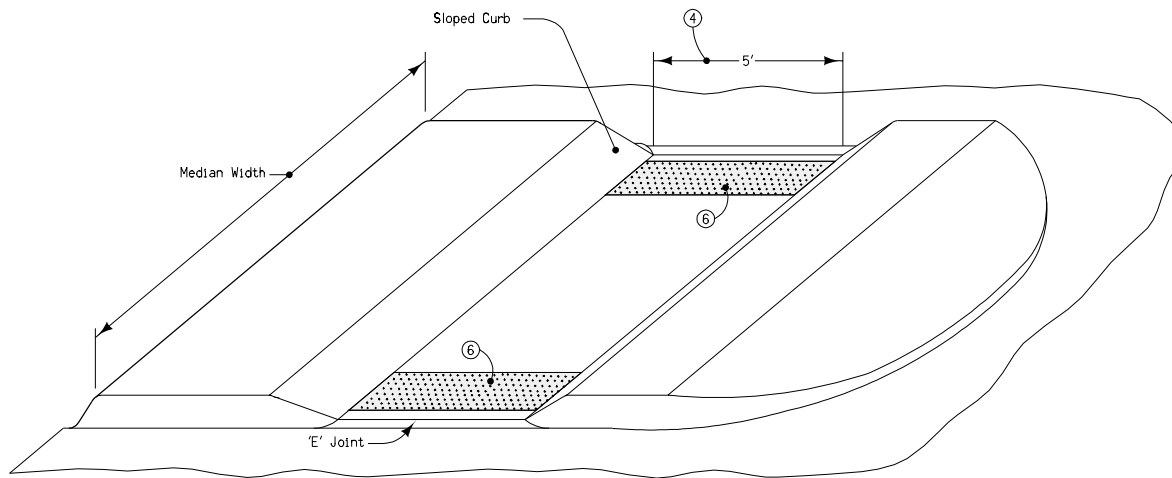
-  Curb Ramp
-  Landing Area ③
-  Detectable Warnings
-  Vegetation
-  Flared Sides

- ② Maximum cross slope is 2%.
- ③ A 5' x 5' level landing area shall be provided at all curb ramps. Maximum slope in any direction is 2%.



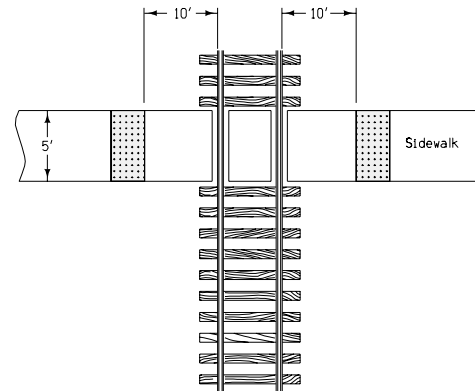
**TYPE 5  
DIAGONAL RAMP  
WITH FLARED SIDES**  
(For use only during retrofitting)

 Iowa Department of Transportation	REVISION	
	13	04-17-07
	<b>RB-6</b>	
	<b>STANDARD ROAD PLAN</b>	
REVISIONS: Three sheets added and curb ramp types renamed and modified.		
 APPROVED BY DESIGN METHODS ENGINEER		
<b>PEDESTRIAN CURB RAMPS</b>		




TYPE 6  
ACCESS AT CURBED MEDIANS



- ④ Distance measured from face of curb to face of curb.
- ⑥ For medians at signal-controlled crossings:  
Where signal timing is such that most pedestrians are likely to cross the entire roadway within one crossing phase, detectable warnings may be omitted.

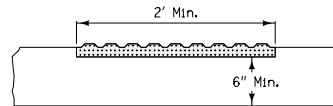
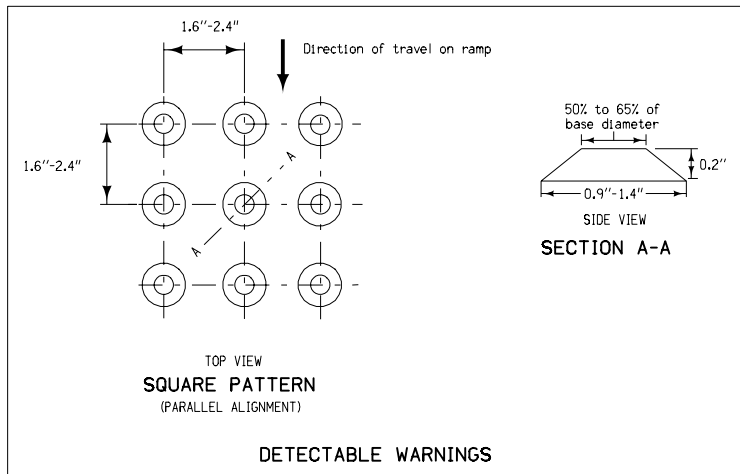


TYPE 7  
RAILROAD CROSSING

LEGEND

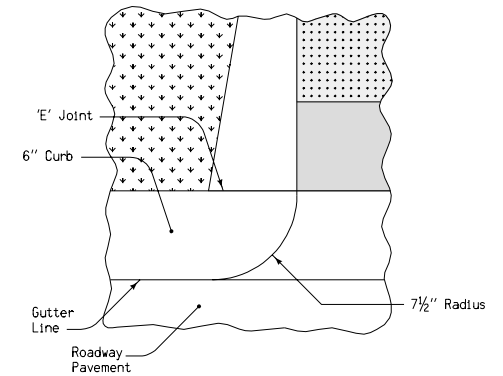
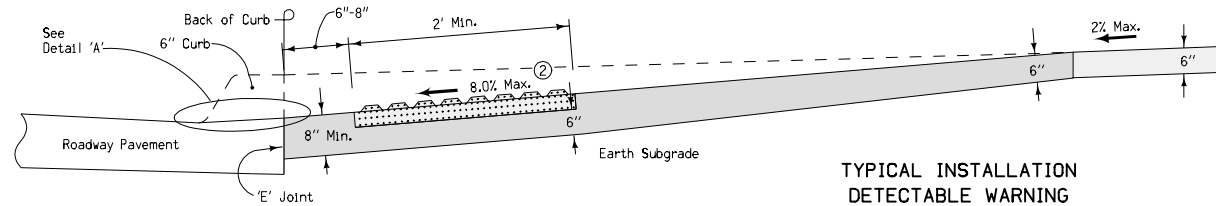
 Detectable Warnings

 Iowa Department of Transportation	REVISION	
	13	04-17-07
	<b>RB-6</b>	
	SHEET 5 of 6	
<b>STANDARD ROAD PLAN</b>		
REVISIONS: Three sheets added and curb ramp types renamed and modified.		
		
APPROVED BY DESIGN METHODS ENGINEER		
PEDESTRIAN CURB RAMPS		



**DETECTABLE WARNING  
FLAT SURFACE INSTALLATION**

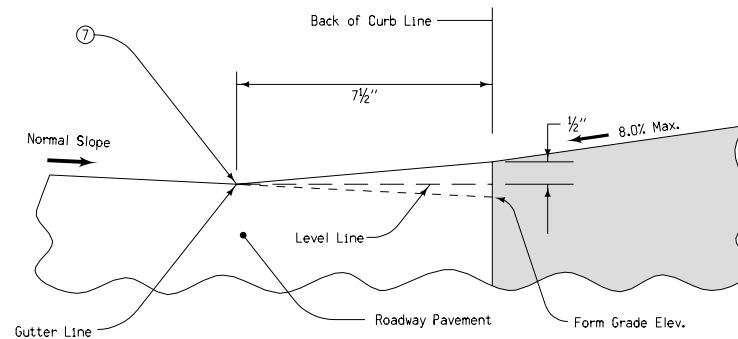
- ② Maximum cross slope is 2%.
- ③ Maximum slope in any direction is 2%.
- ⑦ At points where a change in slope occurs, the algebraic grade difference shall not exceed 11%.




**DETAIL 'B'**

**LEGEND**

- Curb Ramp
- Landing Area ③
- Detectable Warnings
- Vegetation



**DETAIL 'A'**

 <b>Iowa Department of Transportation</b>	<b>REVISION</b>	
	13	04-17-07
	<b>RB-6</b>	
	SHEET 6 of 6	
<b>STANDARD ROAD PLAN</b>		
REVISIONS: Three sheets added and curb ramp types renamed and modified.		
<i>Deanna Mayfield</i>		
APPROVED BY DESIGN METHODS ENGINEER		
<b>PEDESTRIAN CURB RAMPS</b>		