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DATE:  
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**GENERAL NOTES**

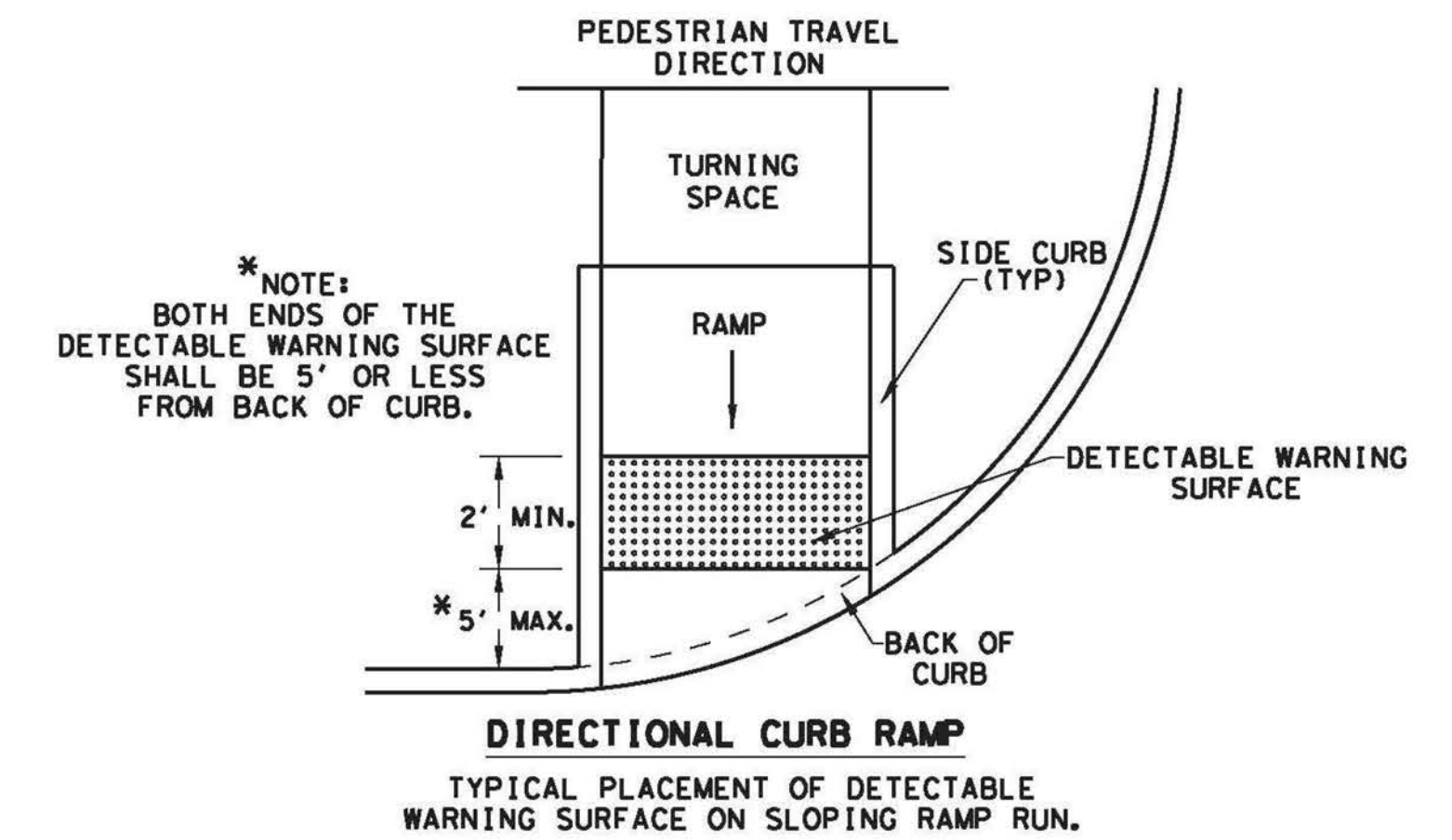
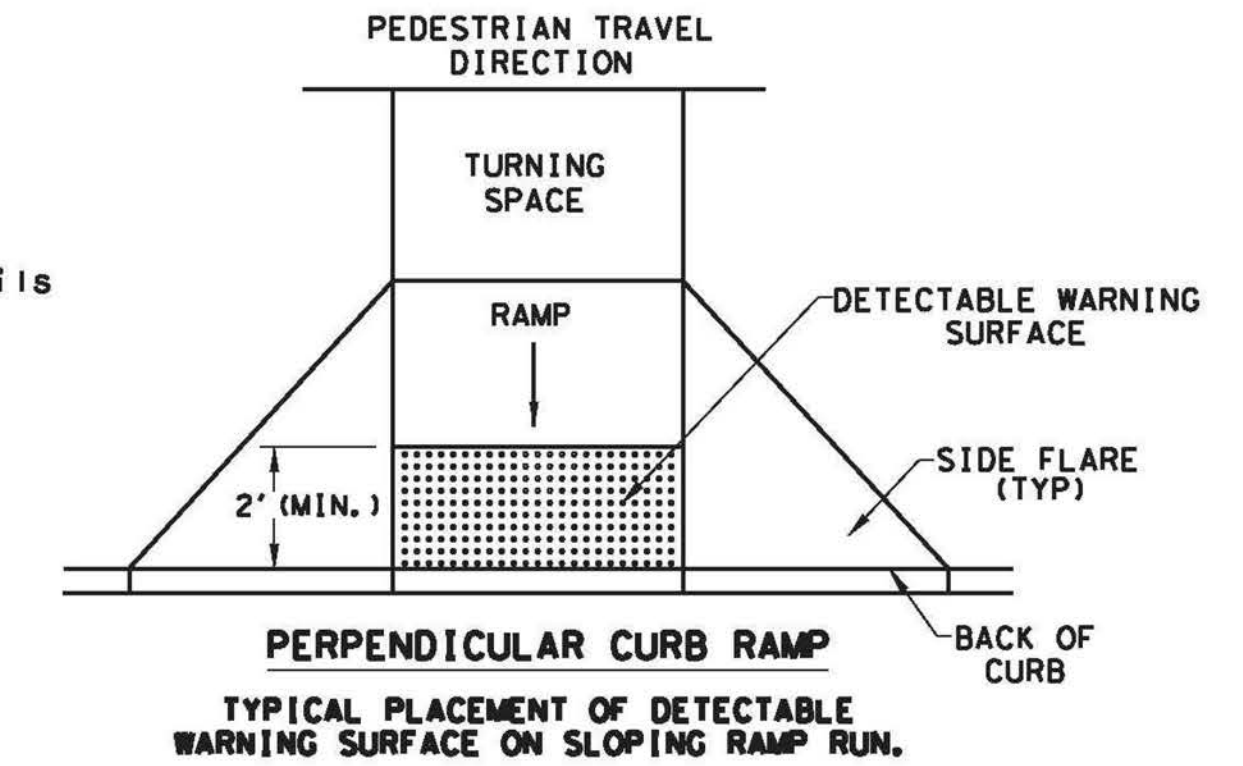
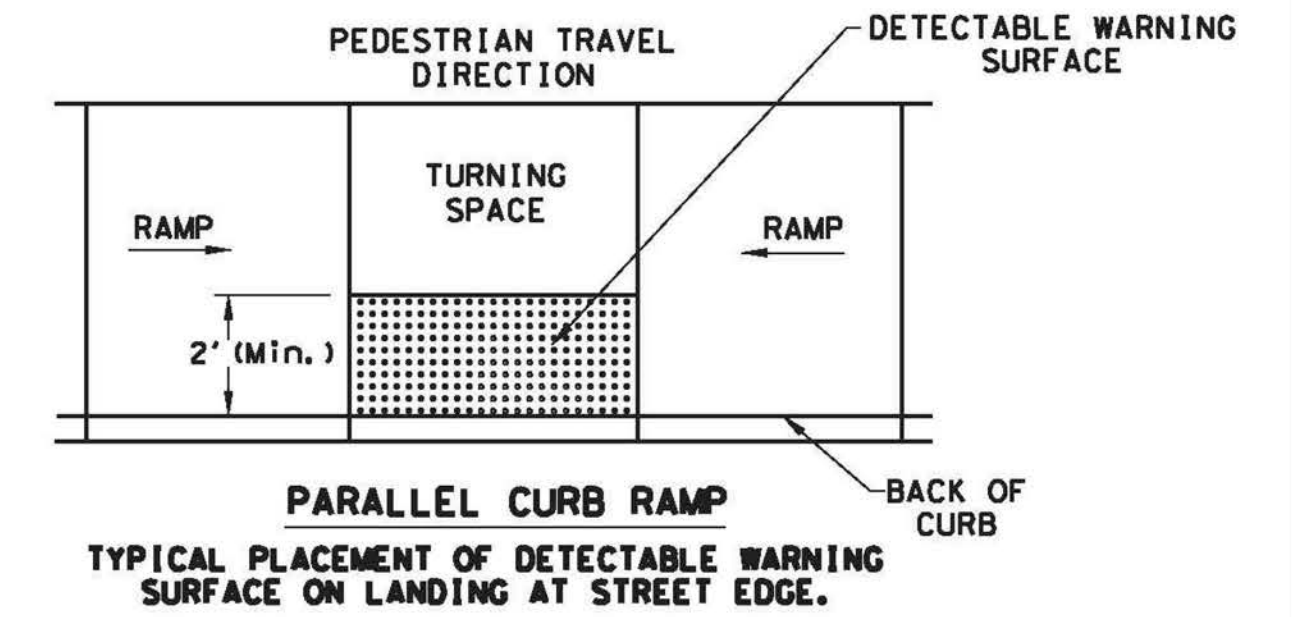
**CURB RAMPS**

1. Install a curb ramp or blended transition at each pedestrian street crossing.
2. All slopes shown are maximum allowable. Cross slopes of 1.5% and lesser running should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
3. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
4. The minimum sidewalk width is 5'. Where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is desirable. Where a 5' sidewalk cannot be provided due to site constraints, sidewalk width may be reduced to 4' for short distances. 5' x 5' passing areas at intervals not to exceed 200' are required.
5. Turning Spaces shall be 5' x 5' minimum. Cross slope shall be maximum 2%.
6. Clear space at the bottom of curb ramps shall be a minimum of 4' x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.
7. Provide flared sides where the pedestrian circulation path crosses the curb ramp. Flared sides shall be sloped at 10% maximum, measured parallel to the curb. Returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planted, substantially obstructed, or otherwise protected.
8. Additional information on curb ramp location, design, light reflective value and texture may be found in the latest draft of the Proposed Guidelines for Pedestrian Facilities in the Public Right of Way (PROWAG) as published by the U.S. Architectural and Transportation Barriers Compliance Board (Access Board).
9. To serve as a pedestrian refuge area, the median should be a minimum of 6' wide, measured from back of curbs. Medians should be designed to provide accessible passage over or through them.
10. Small channelization islands, which do not provide a minimum 5' x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
11. Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall align with theoretical crosswalks unless otherwise directed.
12. Provide curb ramps to connect the pedestrian access route at each pedestrian street crossing. Handrails are not required on curb ramps.
13. Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".
14. Place concrete at a minimum depth of 5" for ramps, flares and landings, unless otherwise directed.
15. Furnish and install No. 3 reinforcing steel bars at 18" o.c. both ways, unless otherwise directed.
16. Provide a smooth transition where the curb ramps connect to the street.
17. Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.
18. Existing features that comply with applicable standards may remain in place unless otherwise shown on the plans.

**SIDEWALKS**

27. Provide clear ground space at operable parts, including pedestrian push buttons. Operable parts shall be placed within unobstructed reach range specified in PROWAG section R406.
28. Place traffic signal or illumination poles, ground boxes, controller boxes, signs, drainage facilities and other items so as not to obstruct the pedestrian access route or clear ground space.
29. Street grades and cross slopes shall be as shown elsewhere in the plans.
30. Changes in level greater than 1/4 inch are not permitted.
31. The least possible grade should be used to maximize accessibility. The running slope of sidewalks and crosswalks within the public right of way may follow the grade of the parallel roadway. Where a continuous grade greater than five percent (5%) must be provided, handrails may be desirable to improve accessibility. Handrails may also be needed to protect pedestrians from potentially hazardous conditions. If provided, handrails shall comply with PROWAG R409.
32. Handrail extensions shall not protrude into the usable landing area or into intersecting pedestrian routes.
33. Driveways and turnouts shall be constructed and paid for in accordance with Item "Intersections, Driveways and Turnouts". Sidewalks shall be constructed and paid for in accordance with Item, "Sidewalks".
34. Sidewalk details are shown elsewhere in the plans.

**DETECTABLE WARNING SURFACE DETAILS**



SHEET 2 OF 4

		Design Division Standard	
<b>PEDESTRIAN FACILITIES</b> <b>CURB RAMPS</b> <b>PED-18</b>			
FILE: ped18	DN: TxDOT	DM: VP	CK: KM & JC
© TxDOT: MARCH, 2002	CONT	SECT	JOB
REVISIONS REVISED 08, 2005 REVISED 06, 2012 REVISED 01, 2018		DIST	COUNTY
		SHEET NO.	

Drawing: PA PROJECTS\RM\18219\CAD\Sheets\PHASE 1 - NORTH\52 PAVING DETAILS 6 OF 9.dwg at Sep 27, 2019 10:44am by jbellie  
 Layout: 48 PAVING DETAILS 6 OF 9.dwg  
 Xrefs: xref-binder.dwg

no.	revision	by	date

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City of Rockwall  
The New Horizon

scale  
when bar is  
1 inch long

horiz  
N/A

vert  
N/A

SEP 2019

**RECORD DOCUMENTS**

THESE PLANS ARE FOR THE OWNER'S USE AS RECORD SET OF THE CONSTRUCTED PROJECT, AND REFLECT REVISIONS AND CONSTRUCTION RELATED CHANGES AS RECORDED BY THE CONTRACTOR. CHANGES MADE FROM THE ORIGINAL CONSTRUCTION DOCUMENTS DO NOT DEPICT ENGINEERING AND ARE NOT THE RESPONSIBILITY OF TEAGUE NALL & PERKINS, INC. OR THE ENGINEER OF RECORD ON THE ORIGINAL DOCUMENTS. ORIGINAL PLANS RELEASED FOR CONSTRUCTION WERE SEALED BY GYANENDRA POKHREL, P.E. NO. 118159 ON 09/28/2018.

**CITY OF ROCKWALL, TEXAS**  
**HIGHLAND DRIVE RECONSTRUCTION, PHASE I**  
 (DRIFTWOOD STREET TO BEDFORD FALLS LANE)  
**PAVING DETAILS 6 OF 9**

tnp project  
RWL18219  
sheet  
**47**