

PRINTED: 1/2/2020 5TB FILE: WIER-PAVING STB LAST SAVED: 12/19/2019 9:16 AM SAVED BY: RILEY.C FILE: C-10.6 PUBLIC STANDARD DETAILS 3-17144.DWG

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GENERAL NOTES

CURB RAMP

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 5' 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 on the bottom of curb ramps shall be a minimum of 4' x 4' width 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 curb. 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. Turnout 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.

DETECTABLE WARNING MATERIAL

19. Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with PROWAG. The surface must contrast visually with adjoining surfaces, including aisle flares. Turnout and install an approved cast-in-place dark brown or dark red detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the plans.
20. Detectable warning materials must meet TxDOT Departmental Materials Specification DMS 4350 and be listed on the Material Producer List. Install products in accordance with manufacturer's specifications.
21. Detectable warning surfaces must be firm, stable and slip resistant.
22. Detectable warning surfaces shall be a minimum of 24 inches in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.
23. Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb and neither end of that edge is greater than 5 feet from the back of curb. Detectable warning surfaces may be curved along the corner radius.
24. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.

DETECTABLE WARNING SURFACE DETAILS

PARALLEL CURB RAMP

PERPENDICULAR CURB RAMP

COMBINATION CURB RAMP

SECTION VIEW DETAIL CURB RAMP AT DETECTABLE WARNINGS

NOTES / LEGEND:

- Denotes planting or non-walking surface not part of pedestrian circulation path.
- Denotes preferred location of pedestrian push button if applicable.
- Denotes detectable warning surface.
- Denotes grade break.
- Denotes ramp limits of payment.
- Gutter line.
- Bottom grade break line.

TEXAS DEPARTMENT OF TRANSPORTATION
PEDESTRIAN FACILITIES CURB RAMP
PED-18

FILED: 03/18/2020
 TxDOT: MARCH 2020
 COUNTY: DALLAS
 SHEET NO. 1 OF 4

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SIDEWALK TREATMENT AT DRIVEWAYS

SETBACK SIDEWALK

APRON OFFSET SIDEWALK

WIDE SIDEWALK

RAMP SIDEWALK

PROTECTED ZONE

CLEAR SPACE ADJACENT TO PEDESTRIAN PUSH BUTTON

DETECTION BARRIER FOR VERTICAL CLEARANCE < 80"

NOTES:

- WHERE DRIVEWAYS CROSS THE PEDESTRIAN ROUTE, SIDES SHALL BE FLARED AT 10% MAX. SLOPE.
- IF CURB HEIGHT IS GREATER THAN 6 INCHES, USE GRADE LESS THAN OR EQUAL TO 5%. HANDRAIL AND DETECTABLE WARNING ARE NOT REQUIRED.

TEXAS DEPARTMENT OF TRANSPORTATION
PEDESTRIAN FACILITIES CURB RAMP
PED-18

FILED: 03/18/2020
 TxDOT: MARCH 2020
 COUNTY: DALLAS
 SHEET NO. 3 OF 4

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- Denotes detectable warning surface.
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TEXAS DEPARTMENT OF TRANSPORTATION
PEDESTRIAN FACILITIES CURB RAMP
PED-18

FILED: 03/18/2020
 TxDOT: MARCH 2020
 COUNTY: DALLAS
 SHEET NO. 2 OF 4

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TYPICAL CROSSING LAYOUTS
 SEE SHEET 1 OF 4 FOR DETAILS AND DIMENSIONS

SPLIT RADIAL RAMP PLACEMENT

SKewed INTERSECTION WITH "LARGE" RADIUS

SKewed INTERSECTION WITH "SMALL" RADIUS

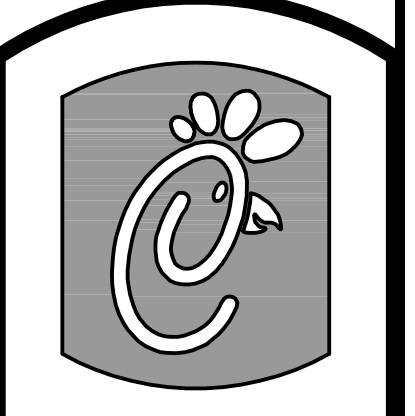
NORMAL INTERSECTION WITH "SMALL" RADIUS

LEGEND:

- SHOWS DOWNWARD SLOPE.
- Denotes preferred location of pedestrian push button (if applicable).
- Denotes planting or non-walking surface not part of pedestrian circulation path.

TEXAS DEPARTMENT OF TRANSPORTATION
PEDESTRIAN FACILITIES CURB RAMP
PED-18

FILED: 03/18/2020
 TxDOT: MARCH 2020
 COUNTY: DALLAS
 SHEET NO. 4 OF 4



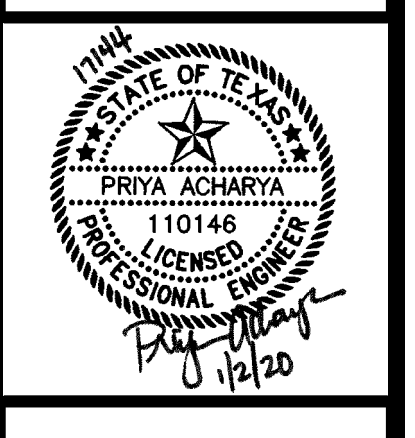
5200 Buffington Rd.
 Atlanta Georgia,
 30349-2998

Revisions:
 Mark Date By
 12/17/19 RBC

ISSUED FOR
 CONSTRUCTION
 Mark Date By

Mark Date By

Mark Date By



STORE
 SERIES
 P13-LSR

LOT 2, BLOCK A
 LAKESHORE COMMONS
 1979 NORTH LAKESHORE DRIVE
 ROCKWALL, TEXAS

STORE# 03897

Job No. : 17144
 Store : #03897
 Date : 12/19/2019

Drawn By : MCC
 Checked By : RSE

Job No. : 17144
 Store : #03897
 Date : 12/19/2019
 Drawn By : MCC
 Checked By : RSE

Sheet
C-10.6

RECORD DRAWING
 June 9, 2020

To the best of our knowledge Wier & Associates, Inc., states this plan is As-Built. This information provided is based on surveying at the site and information provided by the contractor.

PREPARED BY:
WIER & ASSOCIATES, INC.
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