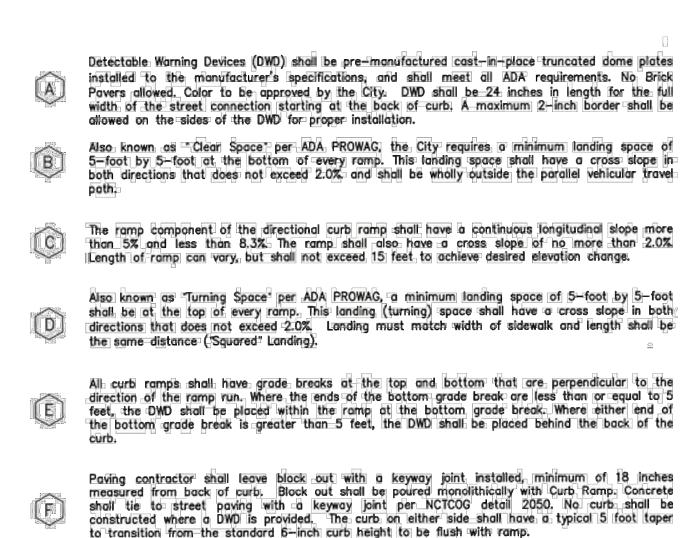


NNAPPDATA\LOCAL\TEMP\ACPUBLISH\_15860\TD180033SD2.DWG PRINTED BY: NKERAN 1.10.20 @ 3:18 PM LAST SAVED BY: NKERAN



if beveled (bevel slope shall not be steeper than 50%).

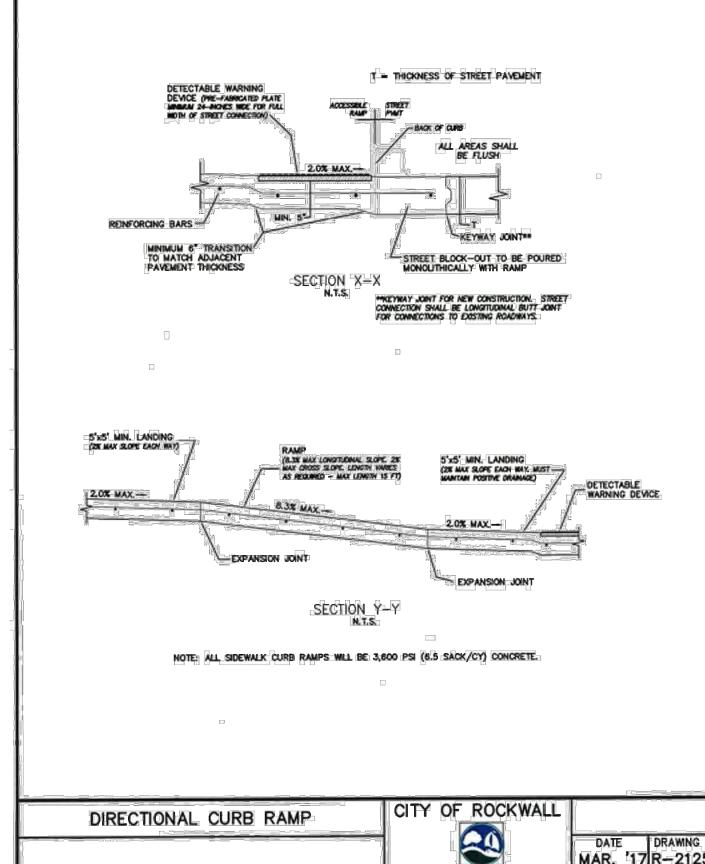
be at the City Engineer's discretion.

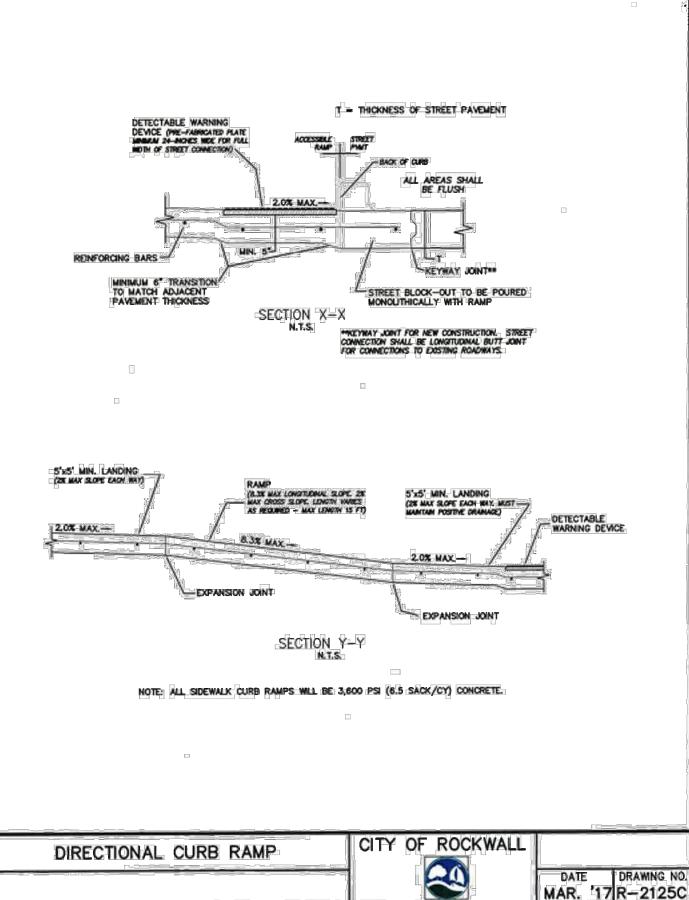
DIRECTIONAL CURB RAMP

A sidewalk header shall be constructed at ends of all work performed.

All curbs constructed as part of an ADA Ramp shall match City curb standards.

CITY OF ROCKWALL





PEDESTRIAN ACCESSIBILITY (WITHIN PUBLIC R.O.W.)

All newly constructed sidewalks, curb ramps and crosswalks installed within City of Rockwall public rights-of-way shall be considered a pedestrian access route and shall conform to the most current Guidelines for Public Rights-of-Way created by the United States Access Board. CURB RAMPS

t. All slopes shown are MAXIMUM ALLOWABLE. Lesser slopes that will still drain properly should be used. Adjust curb ramp length or grade of approach sidewalks as directed. 2. Landings shall be 5'x 5' minimum with a maximum 2% slope in the transverse and

longitudinal directions... 3. Clear space at the bottom of curb ramps shall be a minimum of 5'x 5' wholly contained

within the crosswalk and wholly outside the parallel vehicular travel path. 4. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%. 5. Additional information on curb ramp location, design, light reflective value and texture may be found in the most current edition of the Texas Accessibility Standards (TAS) and 16 TAC

68.102 Federal guidelines shall supersede any conflicts. 6. Crosswelk dimensions, crosswelk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps and

accessible routes shall align with theoretical crosswalks unless otherwise directed.

7. Handrails are not required on curb ramps. 8. Provide a flush transition where the curb ramps connect to the street.

9. Accessible routes are considered "ramps" when longitudinal slopes are between 5% and 8.3% (maximum allowable). Sidewalks under 5% longitudinal slope are deemed accessible routes and must follow all applicable guidelines.

DETECTABLE WARNING DEVICE

10. Curb ramps must contain a detectable warning surface that consists of raised truncated domes camplying with Section 705 of the TAS. The surface must contrast visually with adjoining surfaces. Furnish and install an approved cast—in—place dark red detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the

11. Detectable Warning Materials shall be truncated dome plates in the color approved by the

City. Install products in accordance with manufacturer's specifications. 12 Detectable warning surfaces must be slip resistant and not allow water to accumulate.

13. Detectable warning surfaces shall be a minimum of 24" in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian occess route enters the street.

14. Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb. When placed on the ramp, align the rows of domes to be perpendicular to the grade break between the ramp run and the street. Where detectable warning surfaces are provided on a surface with a slope that is less than 5 percent, dome orientation is less critical. Detectable warning surfaces may be curved along the corner radius.

15. Provide clear ground space at operable parts, including pedestrion push buttons. Operable parts shall be placed within one or more reach ranges specified in TAS 308. 16. 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 17. Street grades and cross slopes shall be as shown elsewhere in the plans.

18. Changes in level greater than 1/4 inch are not permitted (1/2 inch with bevel).

19. 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 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 TAS 505.

20 Handrall extensions shall not protrude into the usable landing area or into intersecting

CITY OF ROCKWALL DIRECTIONAL CURB RAMP MAR. 17 R-2125D



**REVISIONS** REV DATE COMMENT DOMESTIC WATER 3/18/19 REVISION TAS REVIEW 4/19/19 COMMENTS

**3** \*\*\*\*\*



**ALWAYS CALL 811 BEFORE YOU DIG** It's fast. It's free. It's the law.

**ASBUILT** 

RECORD DRAWING DRAWN BY: MJH CHECKED BY: DOC 02/25/2019

SCALE:

CONSTRUCTION

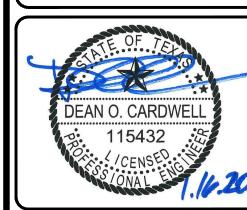
DOCUMENTS

brakes plus

LOCATION OF SITE 1902 S. GOLIAD ST LOTS 1 & 2, BLOCK A, BILLY PEOPLES ADDITION NO. 1 ROCKWALL, TX 75087 ROCKWALL COUNTY



**6017 MAIN STREET** FRISCO, TX 75034 Phone: (469) 458-7300 TX@BohlerEng.com



CONSTRUCTION **DETAILS** 

C-902

CASE NUMBER: SP2018-030

