CURB RAMPS

(RETROFIT)

T-20.01.5

REVISIONS

NOT TO SCALE

SHEET 5 OF 9

CITY OF RALEIGH

STANDARD DETAIL

DATE: 8/2020

DATE: 12/2022

CONCRETE DEPTH

RAMP / FLARES 6"
LANDING 4"

CROSS SLOPE NOT TO EXCEED 1.5% (2.08% MAX) ON ANY PORTION OF RAMP OR TRANSITION TO STREET.

PAY LIMITS FOR CURB RAMP

1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
5. IF LENGTH EXCEEDS 5', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

TYPE R-1

2'-6" CURB AND GUTTER

1/2" EXPANSION JOINT (TYP)

5' MAX.

2'-6" CURB AND GUTTER

1/2" EXPANSION JOINT (TYP)

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

NON-WALK SURFACE

DETECTABLE WARNING SURFACE

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

2'-6" CURB & GUTTER

1/2" EXPANSION JOINT (TYP)

2'-6" CURB AND GUTTER

1/2" EXPANSION JOINT (TYP)

6' (TYP)

4' MIN.

NON-WALK SURFACE

DETECTABLE WARNING SURFACE

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

2'-6" CURB & GUTTER

1/2" EXPANSION JOINT (TYP)

2'-6" CURB AND GUTTER

1/2" EXPANSION JOINT (TYP)

6' (TYP)

4' MIN.

NON-WALK SURFACE

DETECTABLE WARNING SURFACE

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

2'-6" CURB & GUTTER

1/2" EXPANSION JOINT (TYP)

TYPICAL CONCRETE DEPTH

RAMP / FLARES 6"
LANDING 4"

(USE ONLY WHERE WATER WILL NOT POND WITHIN LANDING)

TYPE R-2

TYPE R-2A

TYPE R-2B

2'-6" CURB AND GUTTER

1/2" EXPANSION JOINT (TYP)

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

NON-WALK SURFACE

DETECTABLE WARNING SURFACE

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

2'-6" CURB & GUTTER

1/2" EXPANSION JOINT (TYP)

2'-6" CURB AND GUTTER

1/2" EXPANSION JOINT (TYP)

6' (TYP)

4' MIN.

NON-WALK SURFACE

DETECTABLE WARNING SURFACE

6" x 12" CONCRETE CURB

6' (TYP)

4' MIN.

2'-6" CURB & GUTTER

1/2" EXPANSION JOINT (TYP)