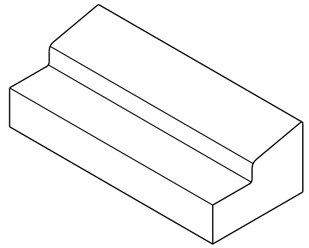
## GENERAL NOTES:

1. For curb, gutter and curb & gutter provide ⅛" – ¼" contraction joints at 10' centers (max.). Contraction joints adjacent to concrete pavement on tangents and flat curves are to match the pavement joints, with intermediate joints not to exceed 10' centers.

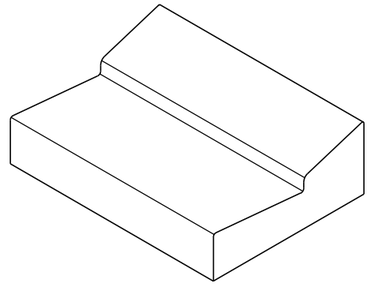
2. Locate expansion joints for curb, gutter and curb & gutter in accordance with Specification 520.

## TABLE OF CONTENTS:


| Sheet | Description |
|---|---|
| 1 | General Notes and Contents |
| 2 | Concrete Curb and Gutter |
| 3 | Curb and Gutter Joints and Endings, Concrete Bumper Guard, and Asphaltic Concrete Curb |

TYPE A



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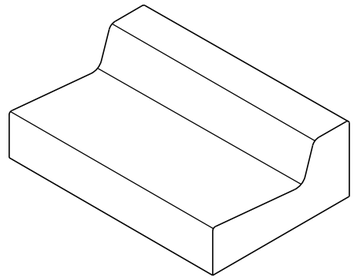
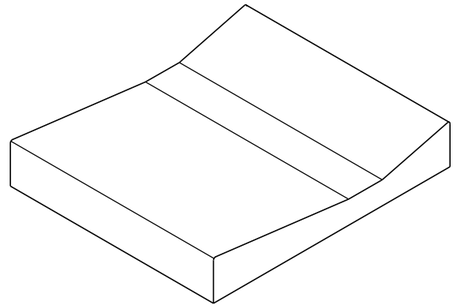
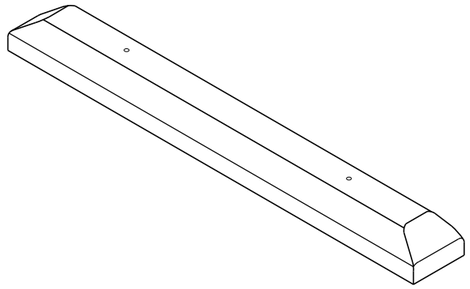


TYPE F



SHOULDER GUTTER

TYPE A, TYPE E, TYPE F, AND SHOULDER GUTTER
(Other Types Similar)



CONCRETE BUMPER GUARD

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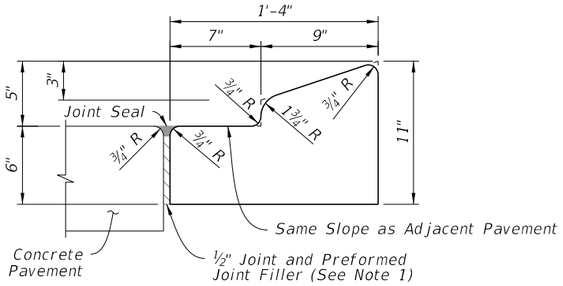
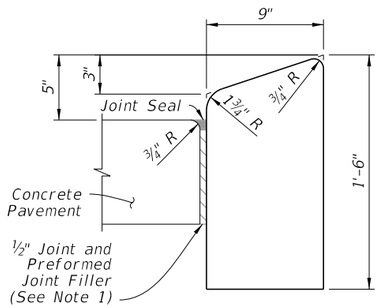


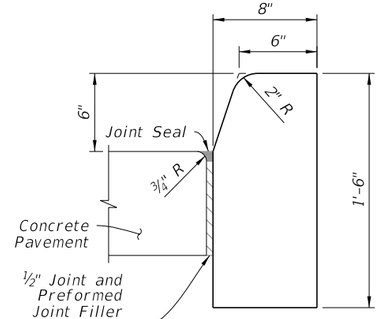

**NOTE:** For use adjacent to concrete or flexible pavement, concrete shown (See Note 4).

## TYPE A




**NOTE:** For use adjacent to concrete or flexible pavement, concrete shown.

## TYPE B




**NOTE:** For use adjacent to concrete or flexible pavement, concrete shown.

## TYPE D

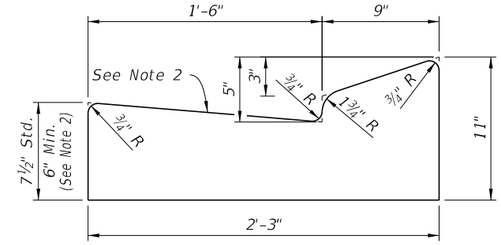
### NOTES:

1. For Type A, Type B, and Type D Curb: Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only, see Sheet 3.

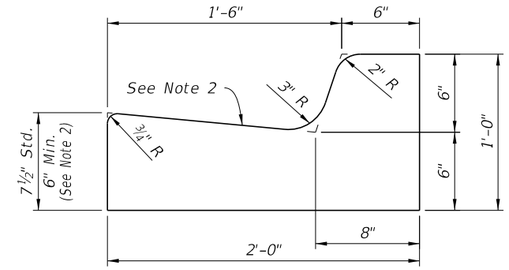
2. For Type E, Type F, Drop Curb, and Valley Gutter: When used on high side of roadways, match the cross slope of the gutter to the cross slope of the adjacent pavement. The thickness of the lip is 6", unless otherwise shown on Plans.

3. For Type RA, rotate entire section so that gutter cross slope matches slope of adjacent circulating roadway pavement.

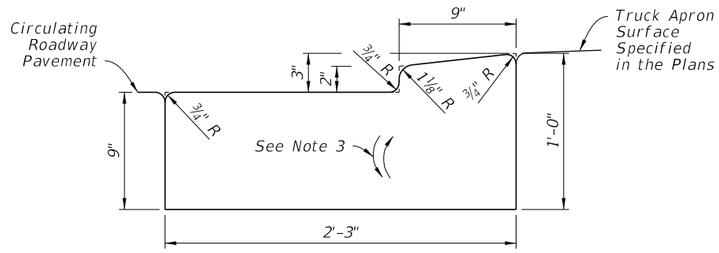
4. For details depicting usage of Type A Curb adjacent to flexible pavement see Sheet 3.




## TYPE E

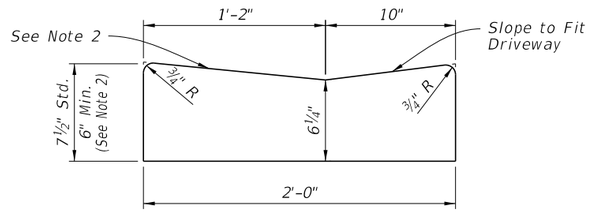



## TYPE F

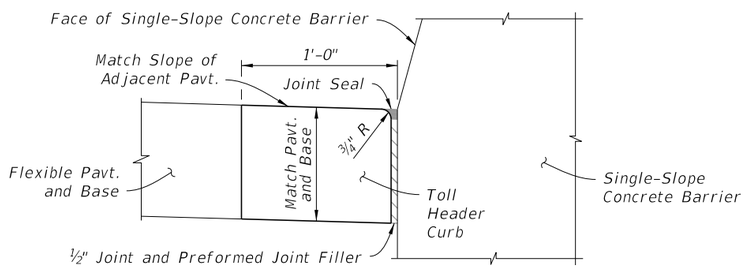



**NOTE:** Traffic Bearing Sections for use in Roundabout Central Island Construction.

## TYPE RA

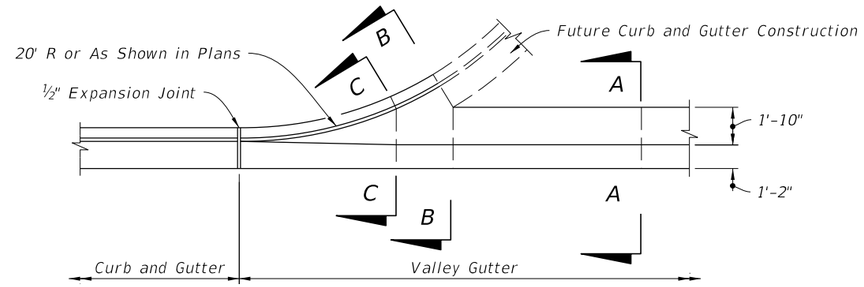



## DROP CURB

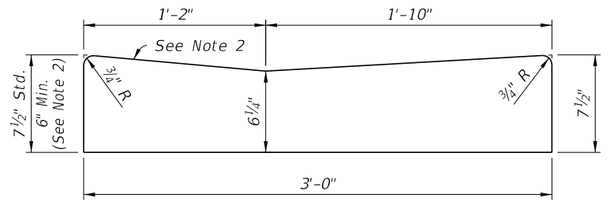



**NOTE:** See the toll site details for conduit requirements.

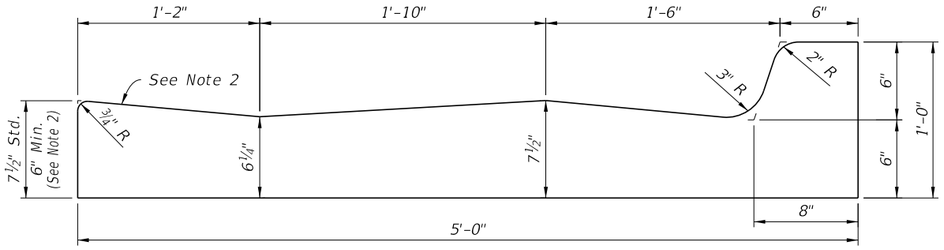
## TOLL HEADER CURB




## PLAN VIEW




## SECTION A-A

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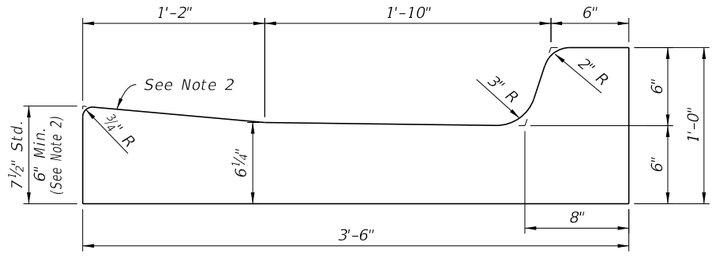
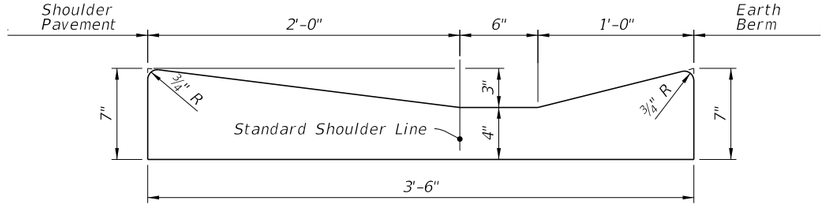



## SECTION C-C

## VALLEY GUTTER




## SHOULDER GUTTER

# CONCRETE CURB AND GUTTER

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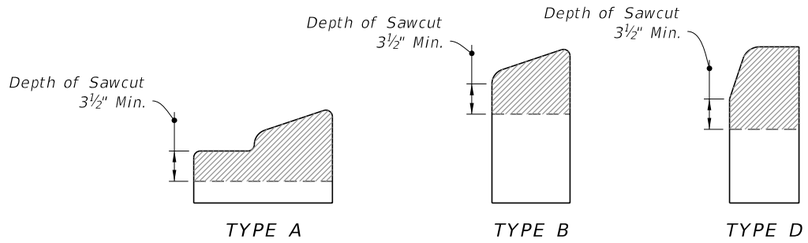
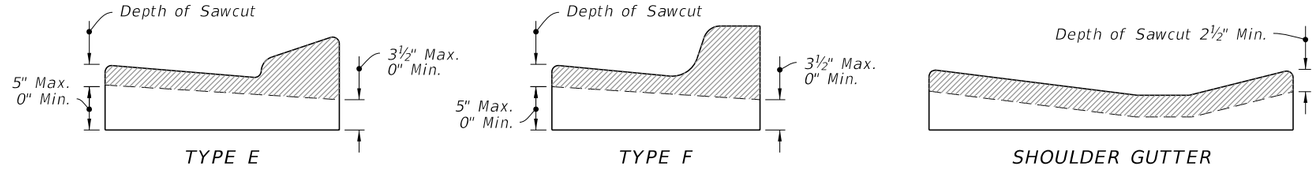
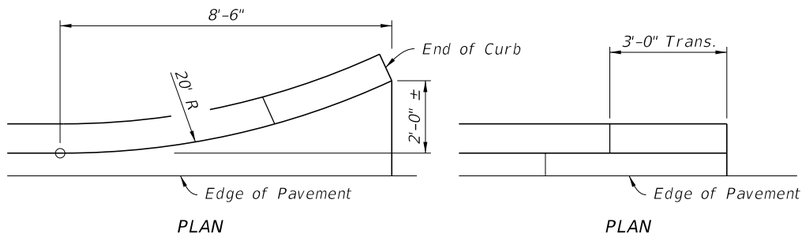
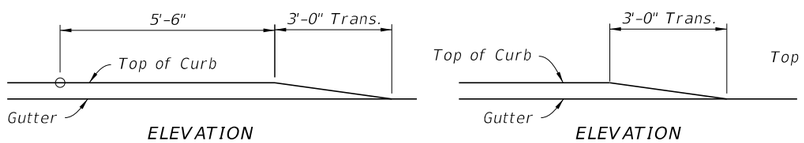


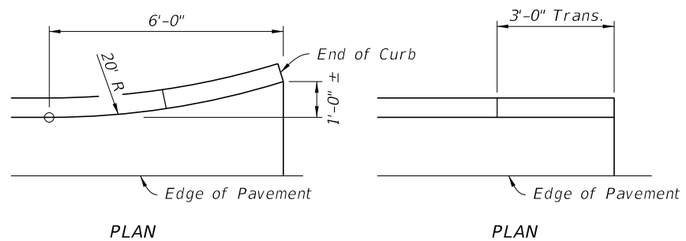

NOTE: Sawcuts should be avoided within valley gutter and within curb and gutter endings.

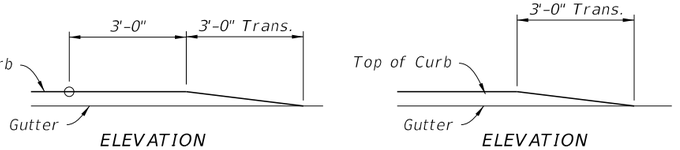
## CONTRACTION JOINTS IN CURB




## CONTRACTION JOINTS IN CURB & GUTTER



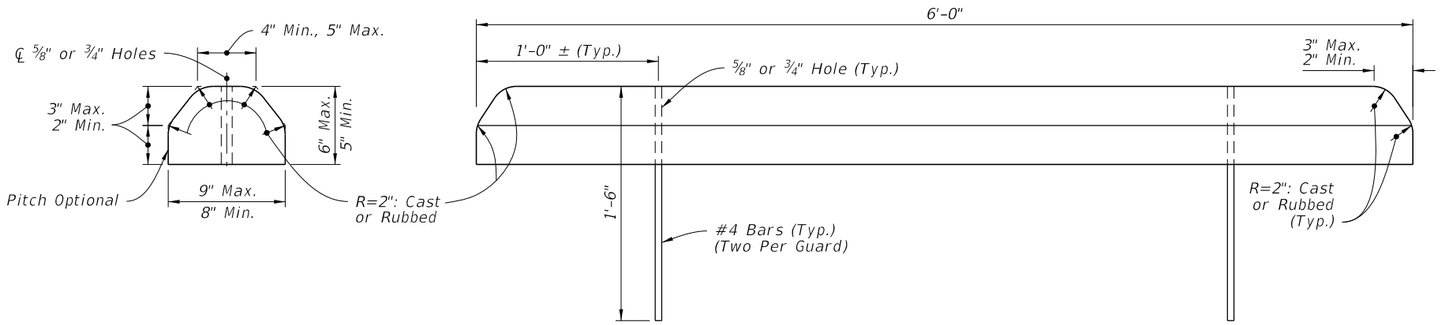




CURB TYPE A

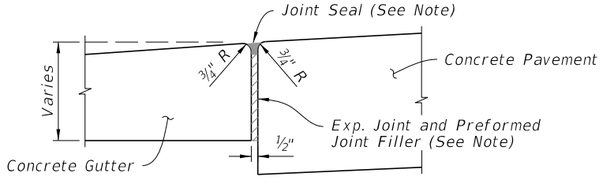
CURB AND GUTTER TYPE E AND TYPE F

NOTE: Ends of Type B and D Curb transition from full to zero heights in 3 ft.

## CURB AND CURB & GUTTER ENDINGS

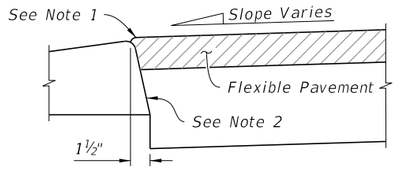



## CONCRETE BUMPER GUARD




NOTE: Joint Seal application applies to both high and low sides of pavement, low side shown.

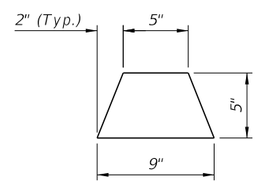
## EXPANSION JOINT BETWEEN GUTTER AND CONCRETE PAVEMENT




NOTES:

1. Surface on Low Side of Pavement to be ¼" Above Lip of Gutter. Surface on High Side to be Flush With Lip of Curb or Curb & Gutter.
2. Applies to both high and low sides of pavement, low side shown. Applies to shoulder gutter only where adjoining traffic lanes.

## CURB AND GUTTER AND TYPE A CURB ADJACENT TO FLEXIBLE PAVEMENT




## ASPHALTIC CONCRETE CURB

# CURB AND GUTTER JOINTS AND ENDINGS, CONCRETE BUMPER GUARD, AND ASPHALTIC CONCRETE CURB

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