

Notes to the Designer

Updated September 2023

Curb

General Information

- All graphics and text will be in the design and layout models. Reference the desired graphics from the layout model into the sheet model for printing.

- Curb Options

There is a wide variety of curb options available for use. Some of the more common options are shown on this template drawing. However, you will need to adjust the template drawing to fit your project.

Applicable SCRs

- None

Typical Pay Item Used

- 60901-#### Curb, Concrete/Asphalt/Stone, #### [LNFT]
- 60902-#### Curb and Gutter, Concrete/Asphalt/Stone, #### [LNFT]

Updates

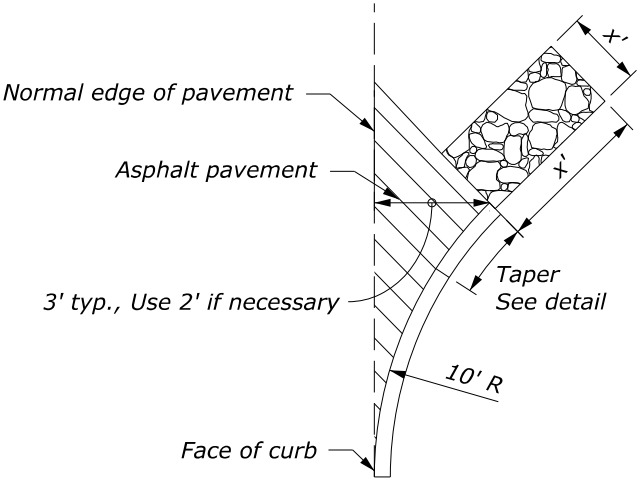
- **Jun2021**
 - Updated for OpenRoads Designer
- **September 2023**
 - Updated border; updated to international foot seed

25 October 2023 3:29 PM K:\CADD_Coordinator\ORD Drawings\Templates - 10.10 version\Updated\SP609-A.dgn [Sp 609-A]

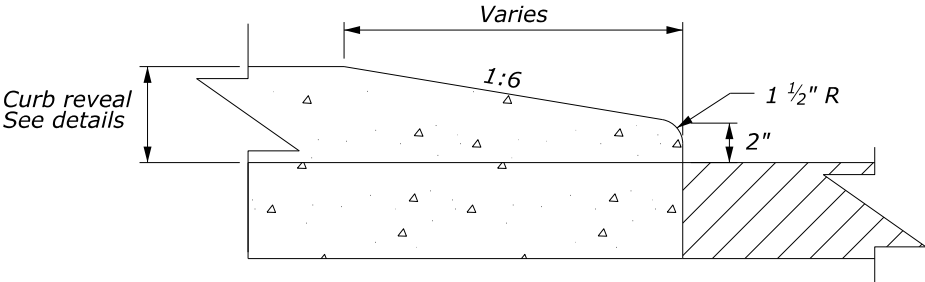
PROJECT	XXX
PROJECT NUMBER	XXXX
PROJECT NAME	

NOTE:

- 1. Curb for flared curb terminus will be measured under curb items. Adjust as necessary to fit field conditions.
- 2. Riprap andrevet mattress for curb terminus on mainline will be measured under their respective pay items.



FLARED CURB TERMINUS

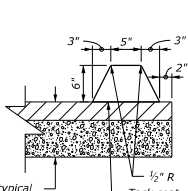


CURB TAPER

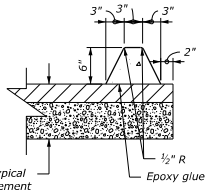
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
CFLHD SPECIAL	
CURB DETAILS	
	SPECIAL 609-A

NO SCALE

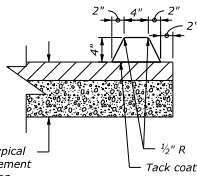
ASPHALT AND GLUE-DOWN CONCRETE CURB



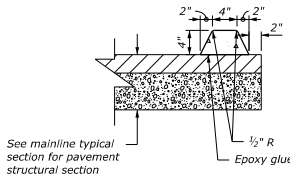
ASPHALT CURB,
6-INCH DEPTH



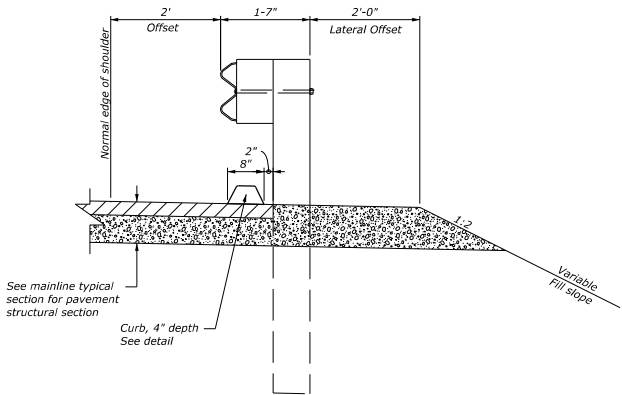
CONCRETE CURB,
6-INCH DEPTH
(GLUE-DOWN)



ASPHALT CURB,
4-INCH DEPTH



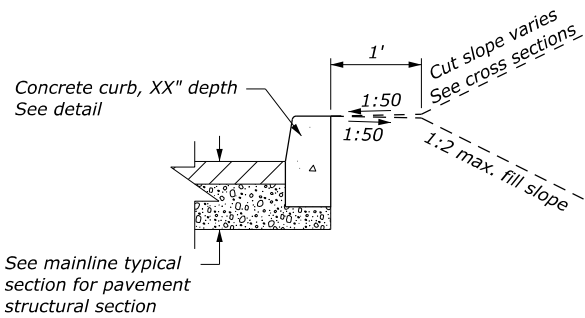
CONCRETE CURB,
4-INCH DEPTH
(GLUE-DOWN)



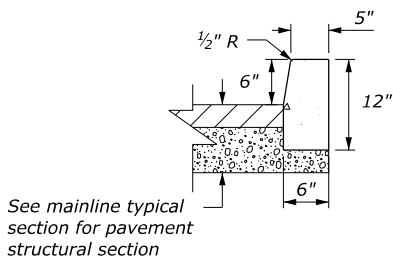
TYPICAL CURB
AT GUARDRAIL LOCATIONS

#. See miscellaneous summaries for locations of asphalt curb.
#. The placement of asphalt curb may be adjusted by the CO.

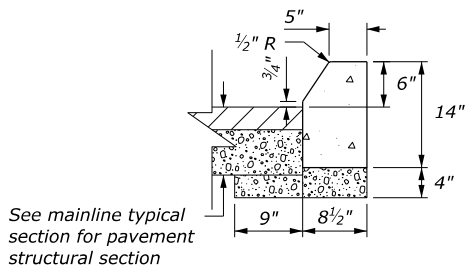
FULL DEPTH CONCRETE CURB



TYPICAL CONCRETE CURB SECTION



CONCRETE CURB,
12-INCH DEPTH

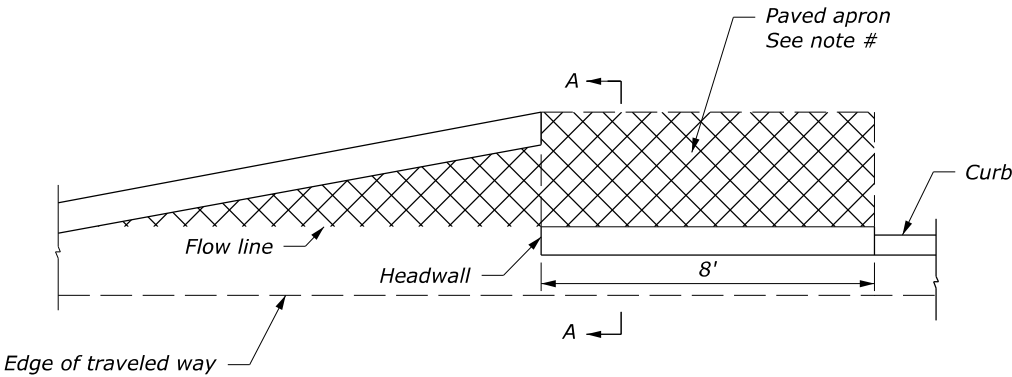


CONCRETE CURB,
12-INCH DEPTH

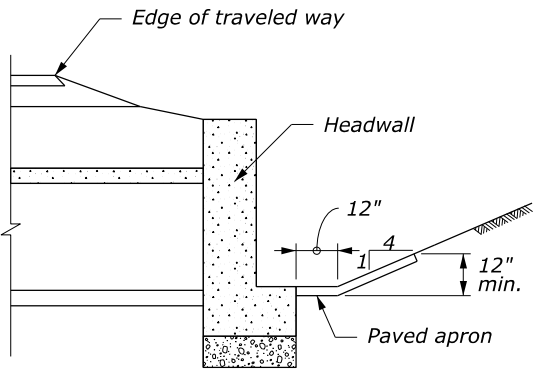
#. Backfill a concrete curbs along paved ditches.

CURB CUT AT HEADWALL

#. Paved apron paid under item 60908-1000, Paved Ditch, Asphalt.



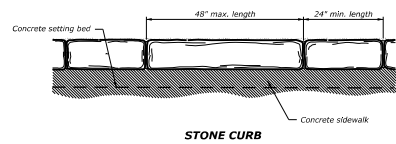
PLAN



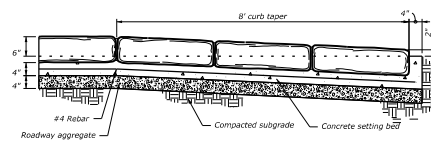
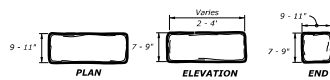
SECTION A-A

CURB CUT AND PAVED APRON AT HEADWALL

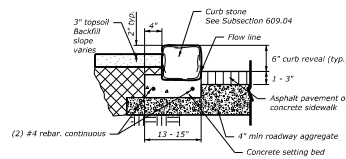
STONE CURB



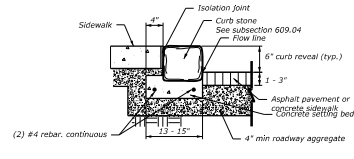
STONE CURB DETAILS



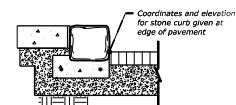
CURB TAPER



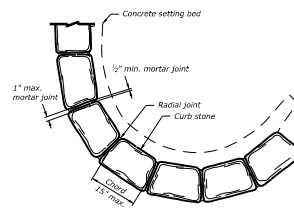
RAISED STONE CURB SECTION
No Sidewalk



RAISED STONE CURB SECTION
Sidewalk and Asphalt Pavement

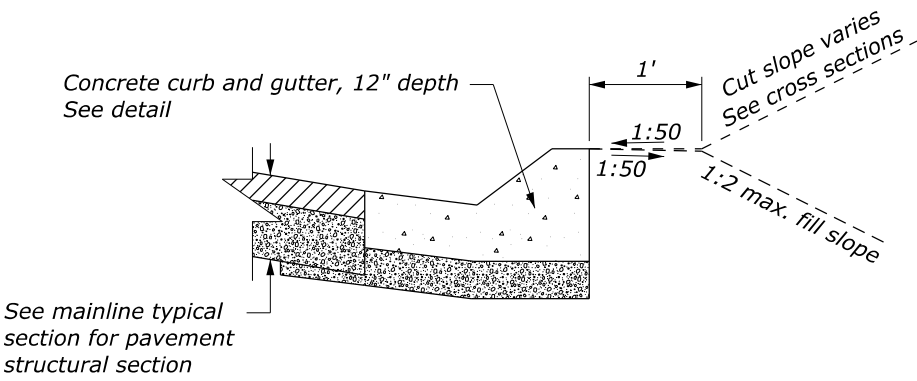


STONE CURB GEOMETRY

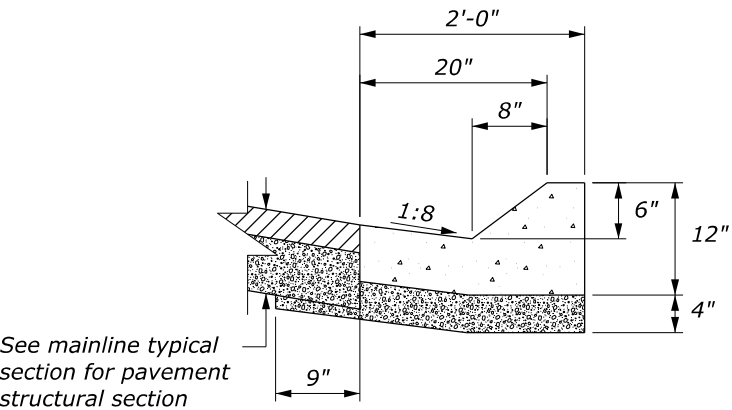
**RADIALLY CUT STONE**

- #. *Maintain 6 inches of curb reveal from top of final asphalt grade abutting curb, to top of curb (typ.).*
- #. *Ensure mortar joints are flush with curb.*
- #. *Tamp backfill behind curb a minimum distance of one foot. Cover tamped area with 3 inches of topsoil or as approved by the CD.*
- #. *The stone curb shown on this sheet abuts asphalt paving unless otherwise indicated.*
- #. *Maintain 2-inch minimum cover on rebar in setting bed.*

CURB and GUTTER

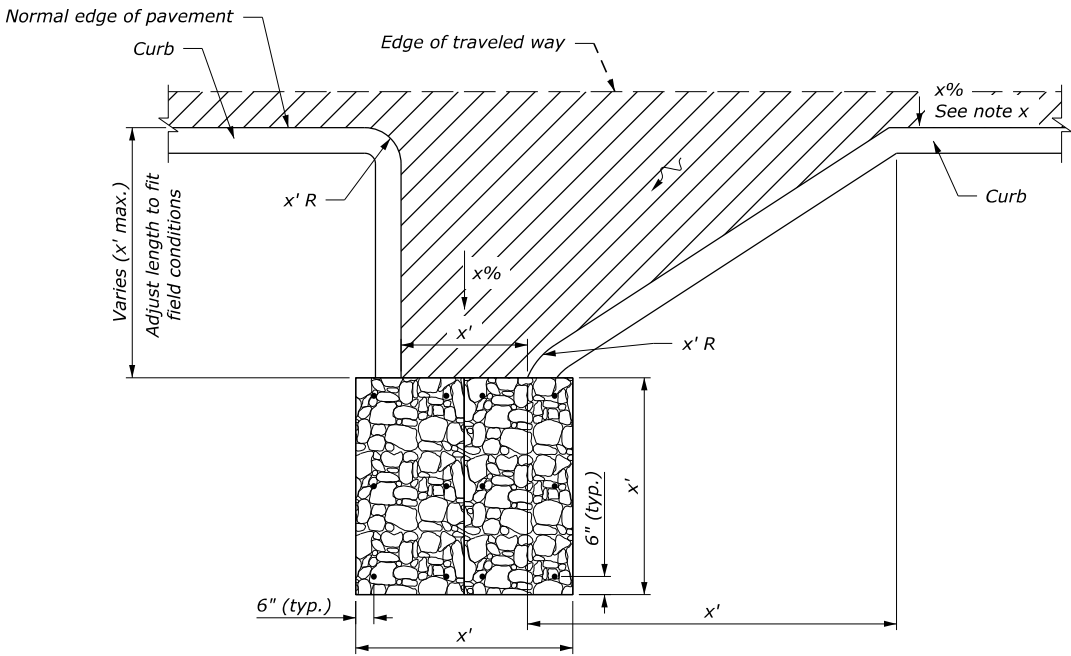


TYPICAL CURB AND GUTTER SECTION

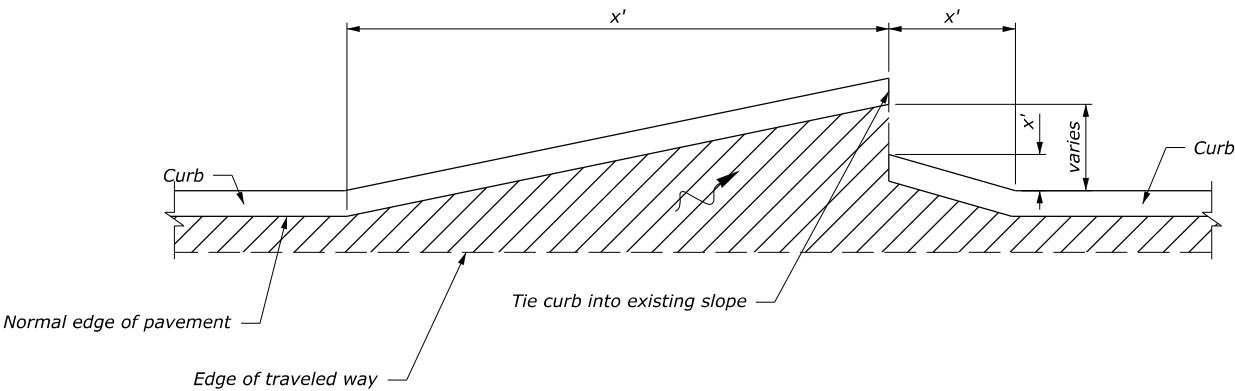


**CURB AND GUTTER,
CONCRETE 12-INCH DEPTH**

FILL AND CUT SIDE CURB CUTS

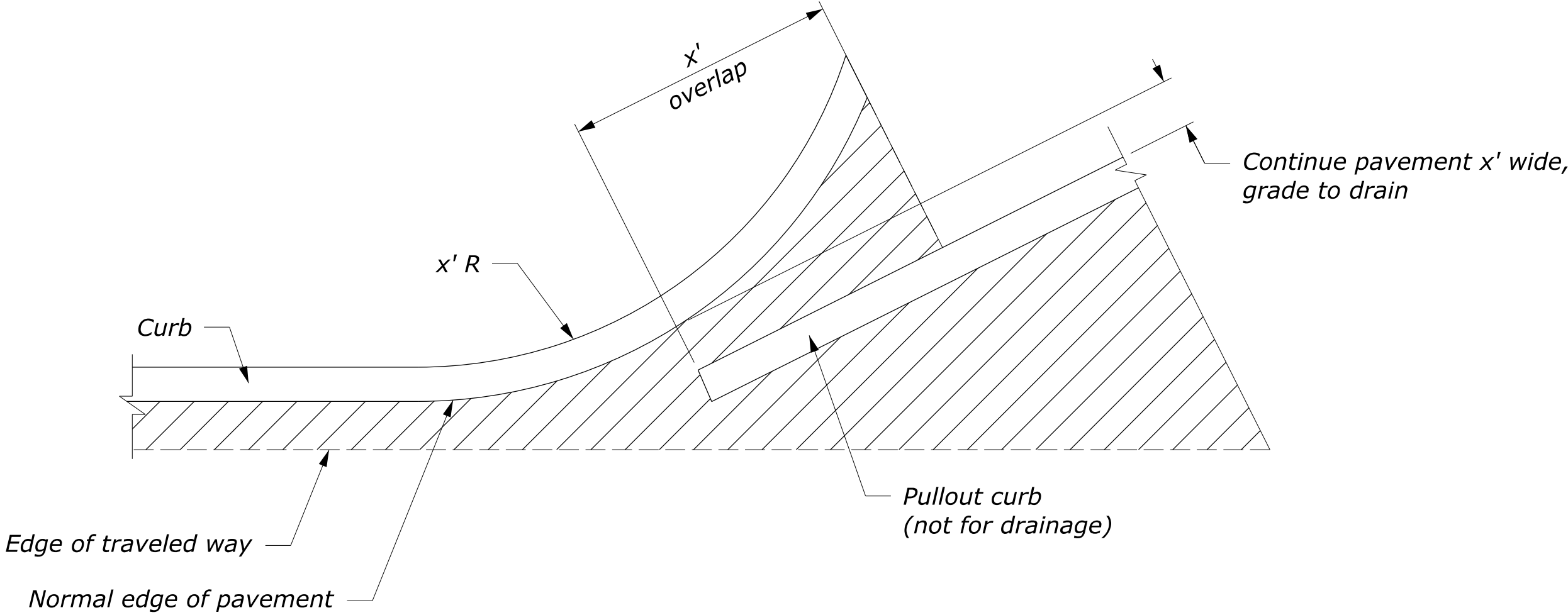


FILL SIDE CURB CUT



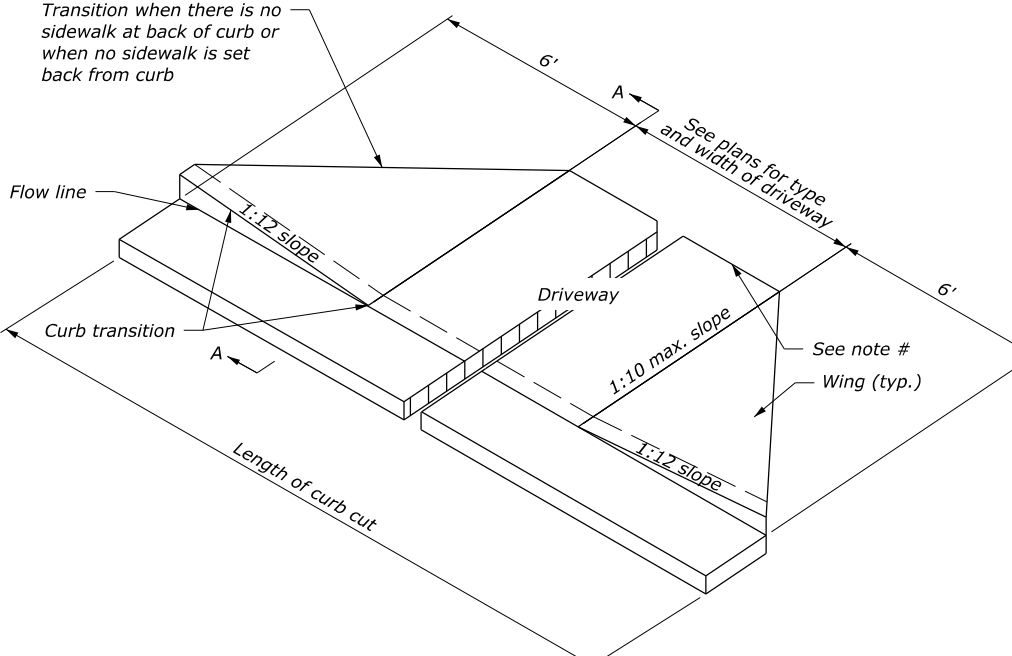
CUT SIDE CURB CUT

CURB CUT AT PULLOUT

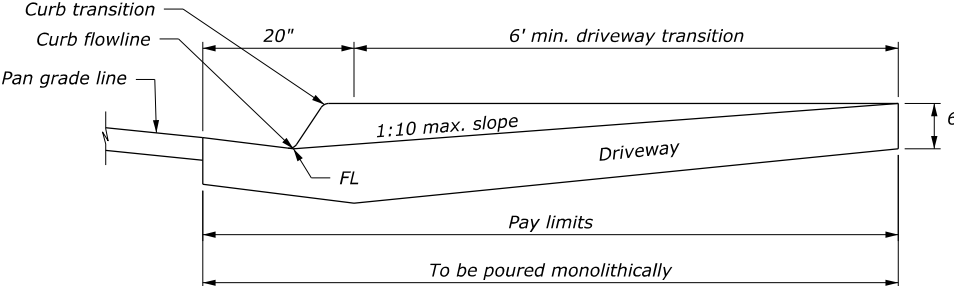


CURB CUT AT PULLOUT

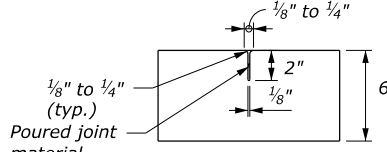
CURB CUT AT DRIVEWAY WITH GUTTER



CURB CUT FOR DRIVEWAYS



**CONCRETE GUTTER
SECTION A-A**

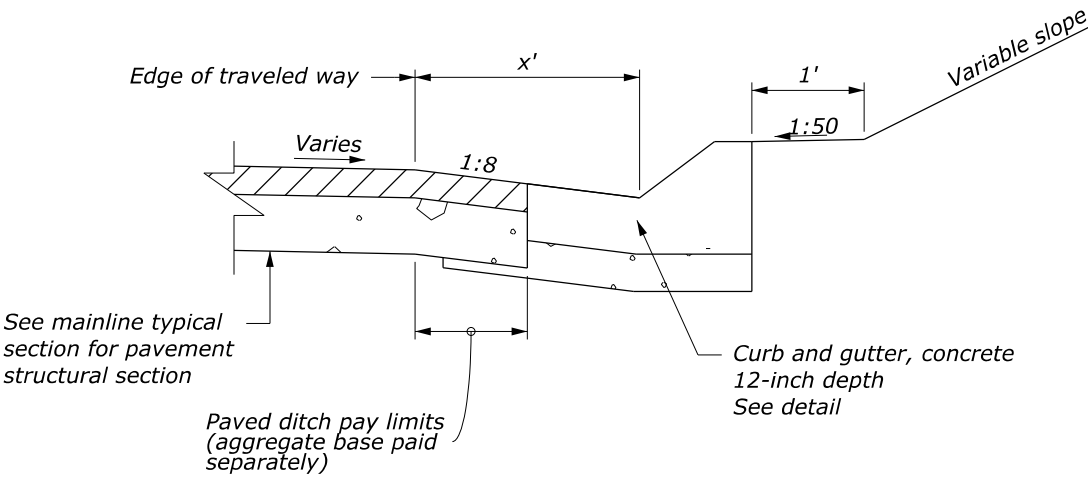


Note: Joint required where length of slab exceeds 15'.

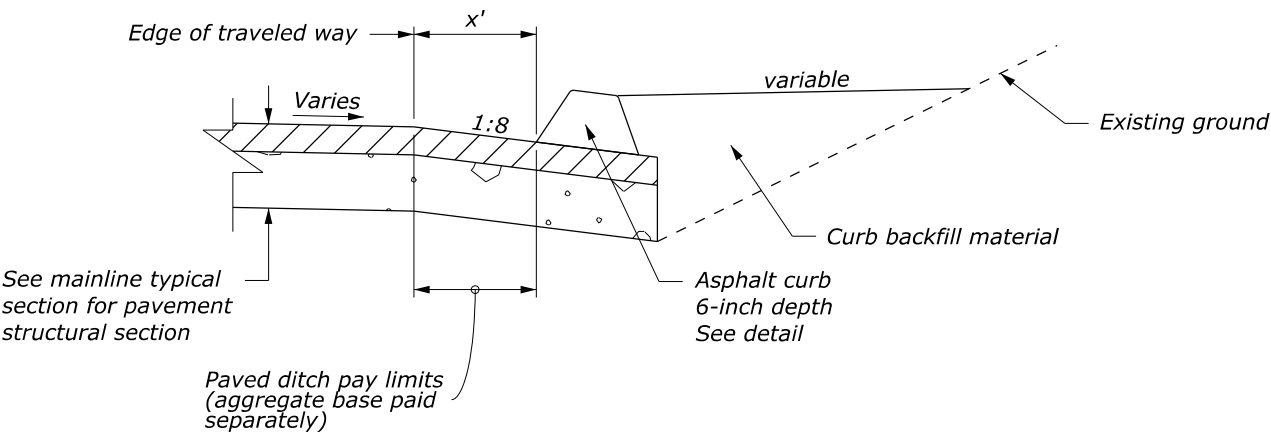
TRANSVERSE CONTRACTION JOINT FOR CONCRETE PAVEMENT (DRIVEWAYS)

#. Install expansion joints when abutting existing concrete or fixed structure. The expansion joints are ¾" thick and extend the full depth of contact surface.

PAVED DITCH

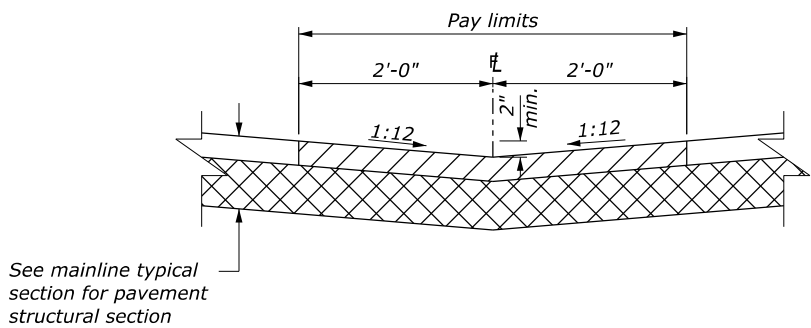


TYPICAL PAVED DITCH SECTION

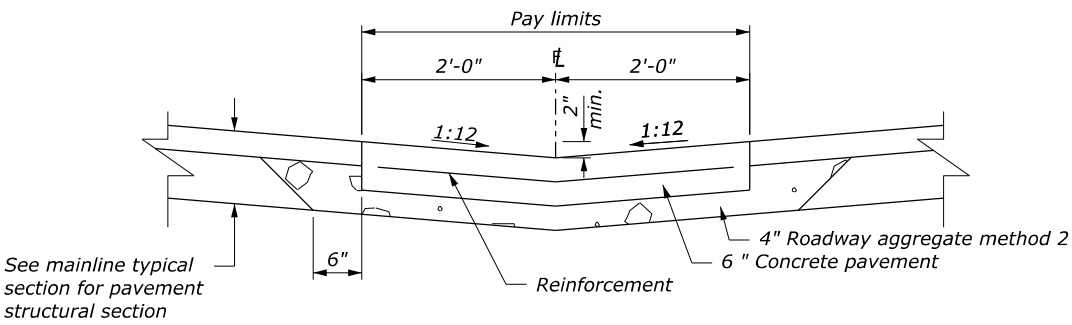


TYPICAL PAVED DITCH SECTION

GUTTER



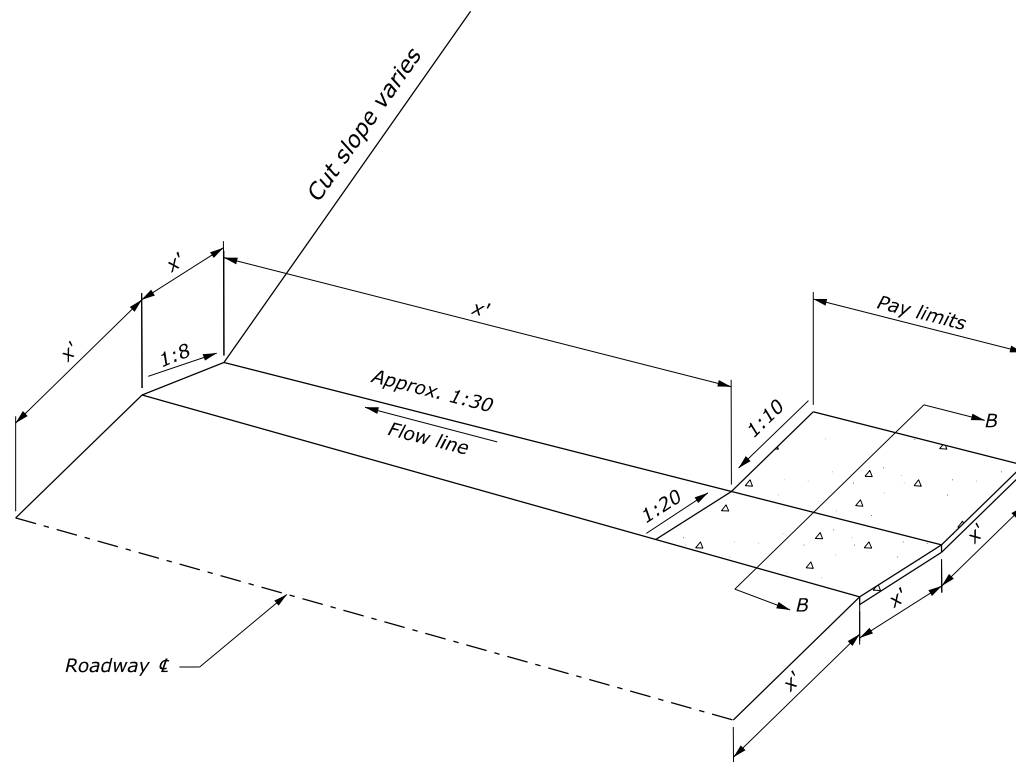
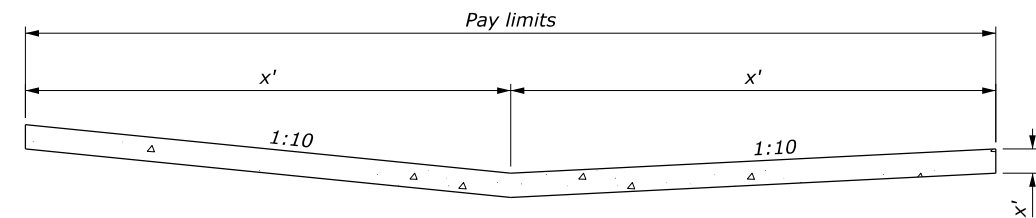
ASPHALT GUTTER



GUTTER, CONCRETE
6-INCH DEPTH

#. Locate profile grade of gutters at the flow line.

DITCH TO GUTTER TRANSITION

**TRANSITION GRADED DITCH**

**CONCRETE GUTTER
SECTION B-B**

TRANSITION GRADED DITCH TO DRIVEWAY CONCRETE GUTTER