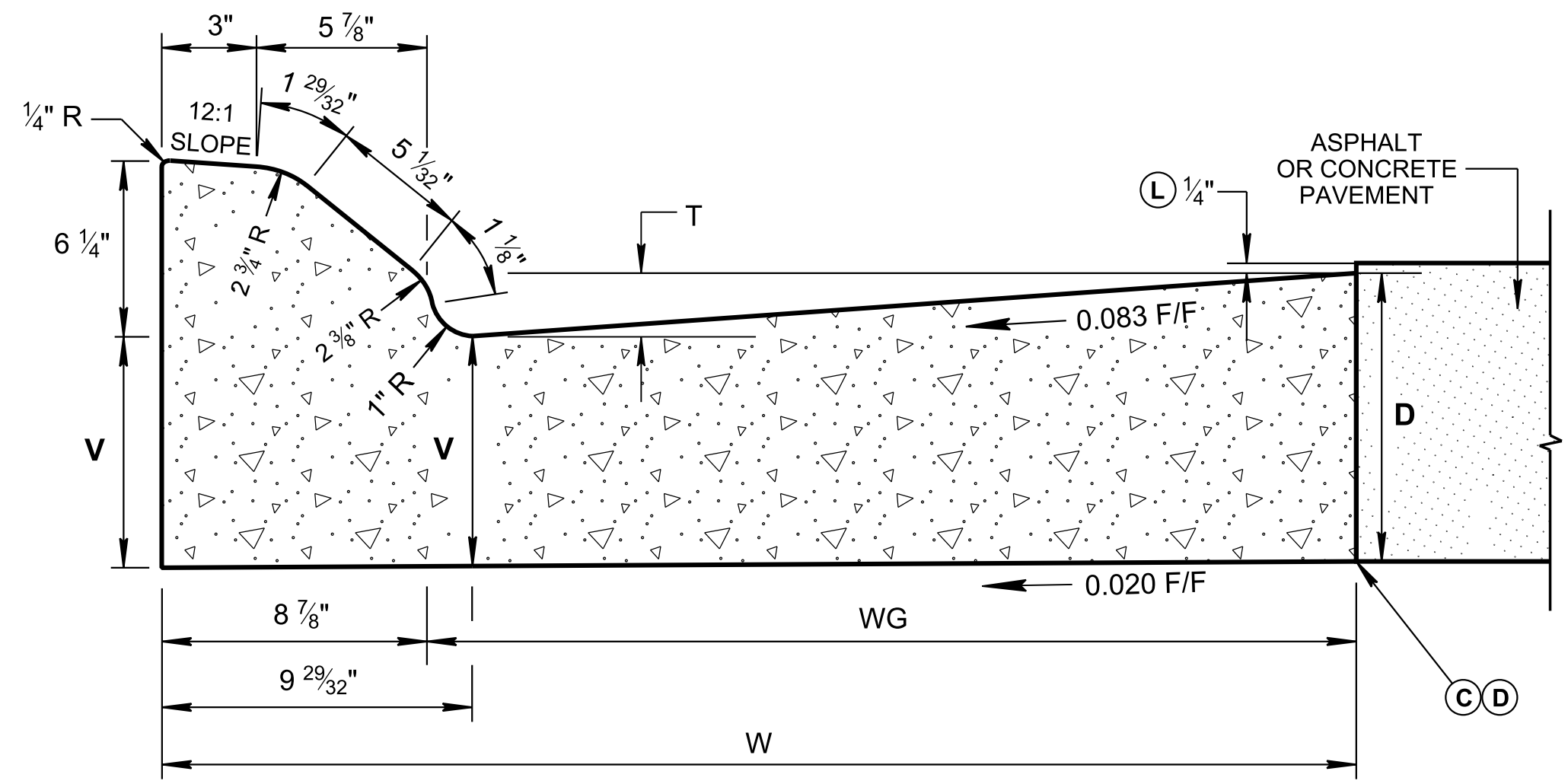
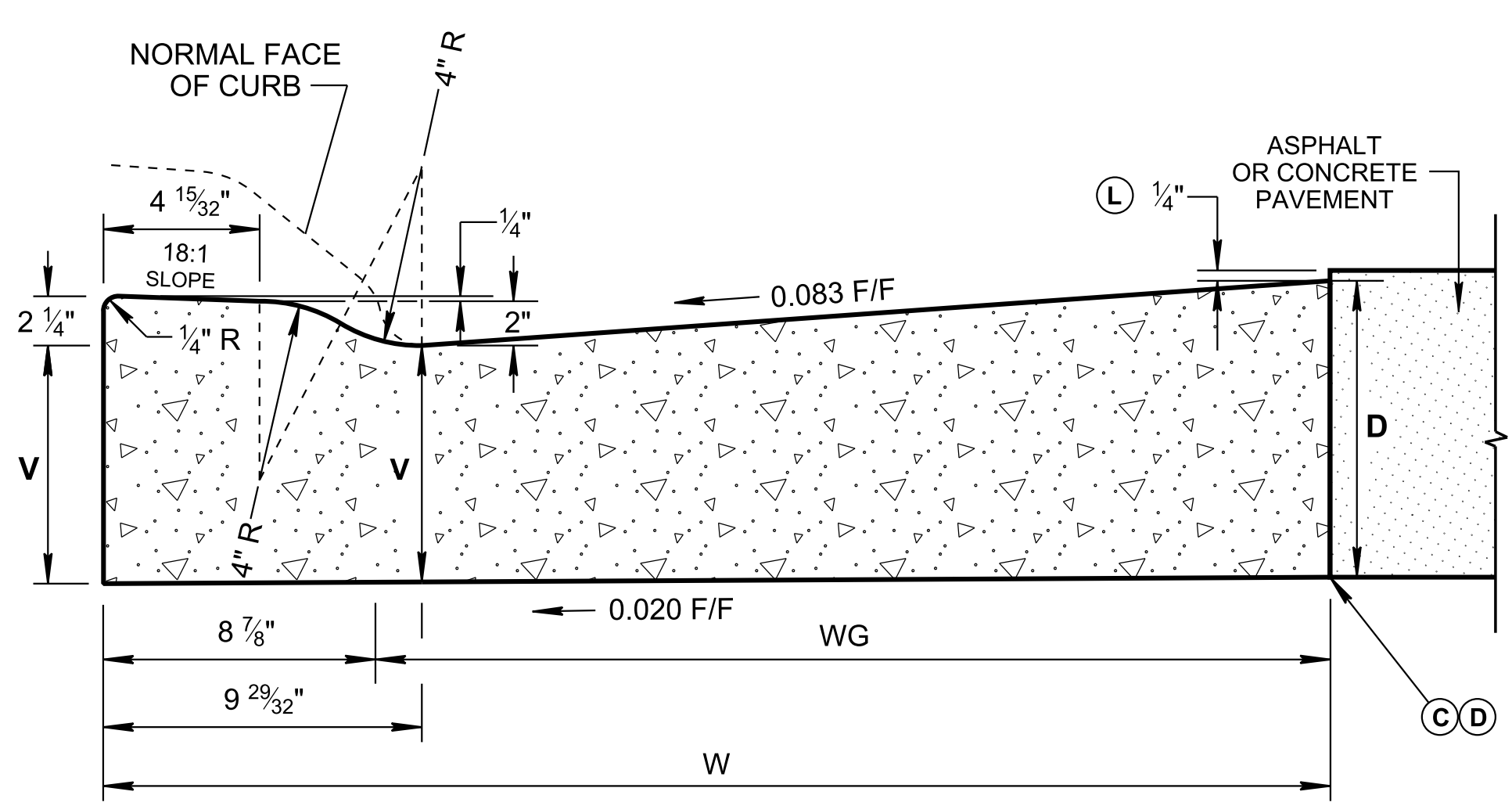


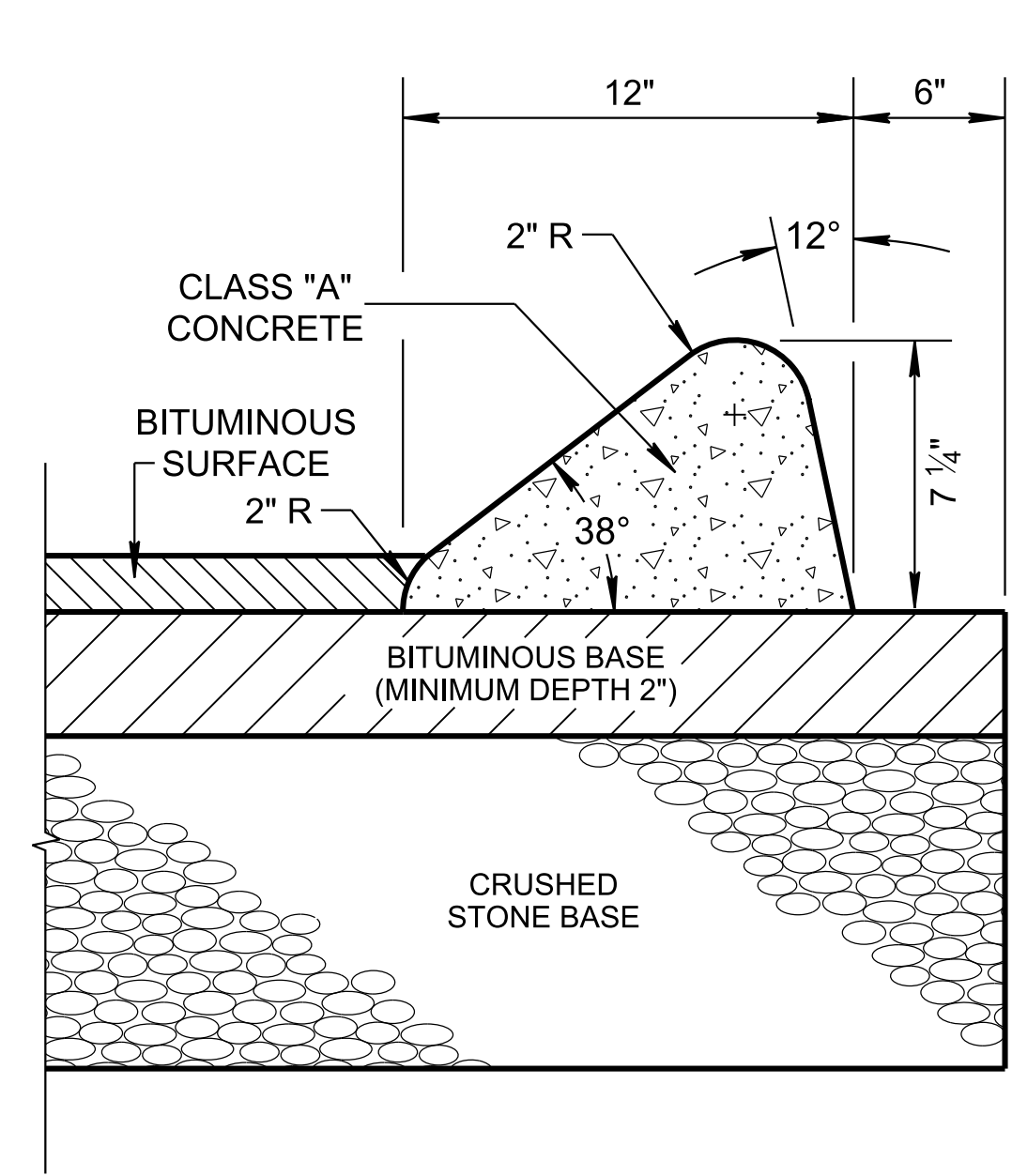
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SLOPING CONCRETE CURB AND GUTTER
(PAY ITEM NO. 702-03)



LOWERED CONCRETE CURB AND GUTTER
(PAY ITEM NO. 702-03)



EXTRUDED SLOPING CONCRETE CURB
SEE NOTES (I) & (J)
(PAY ITEM NO. 702-01.01)

TYPE	TOTAL WIDTH (W) IN INCHES	WIDTH OF GUTTER (WG) IN INCHES	VERTICAL DROP (T) IN INCHES	VERTICAL DEPTH (V) OF GUTTER AT FLOW LINE *
6-33	33	24 1/8	2	D - 1 17/32"
6-39	39	30 1/8	2 1/2	D - 1 23/32"

* VERTICAL DEPTH (V) MUST ALWAYS EXCEED SIX (6) INCHES.

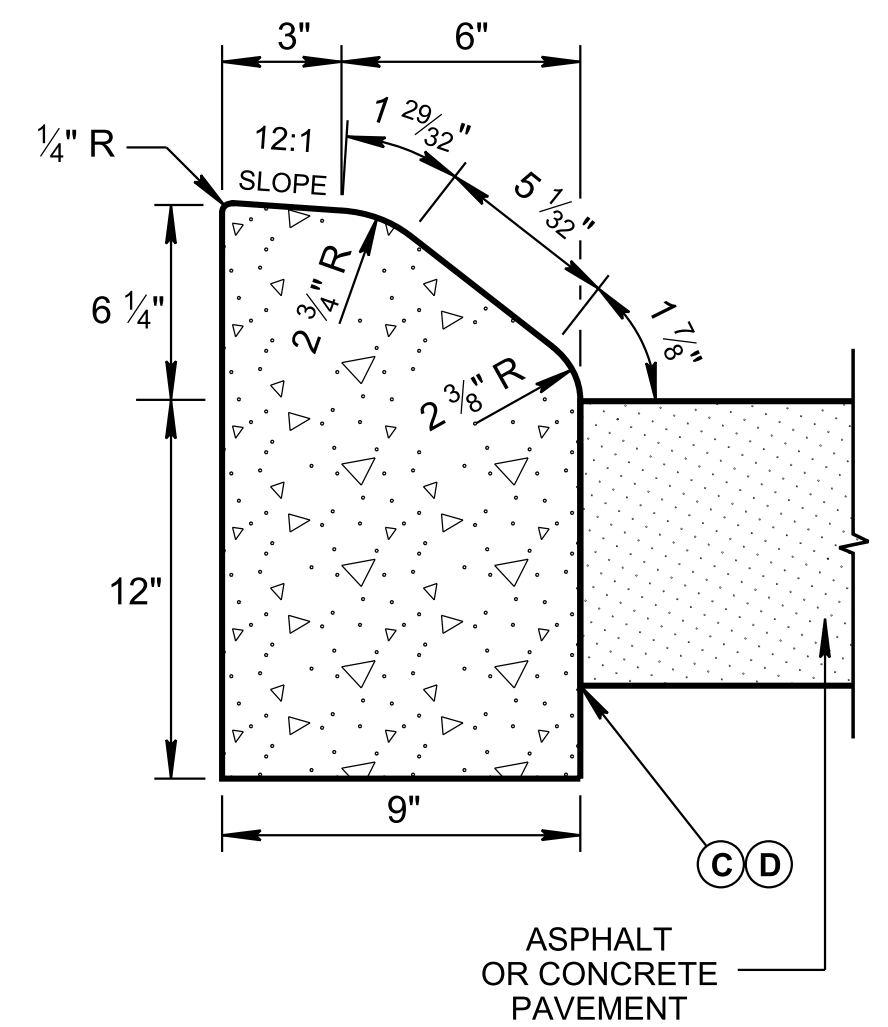
DEPTH (D) OF GUTTER IN INCHES	TOTAL WIDTH (W) IN INCHES	SLOPING CONCRETE CURB AND GUTTER (CY/LF)	LOWERED CONCRETE CURB AND GUTTER (CY/LF)
8	33	0.07060	0.06362
	39	0.08446	0.07748
9	33	0.07909	0.07211
	39	0.09449	0.08751
10	33	0.08757	0.08061
	39	0.10452	0.09754
11	33	0.09606	0.08909
	39	0.11455	0.10758
12	33	0.10455	0.09757
	39	0.12458	0.11763

D	= VERTICAL DEPTH OF GUTTER (IS BASED ON PAVEMENT DESIGN)
T	= VERTICAL DROP IN GUTTER FROM FRONT EDGE TO FACE OF CURB
V	= VERTICAL DEPTH OF GUTTER AT FLOW LINE
W	= TOTAL WIDTH OF COMBINED CURB AND GUTTER
WG	= WIDTH OF GUTTER

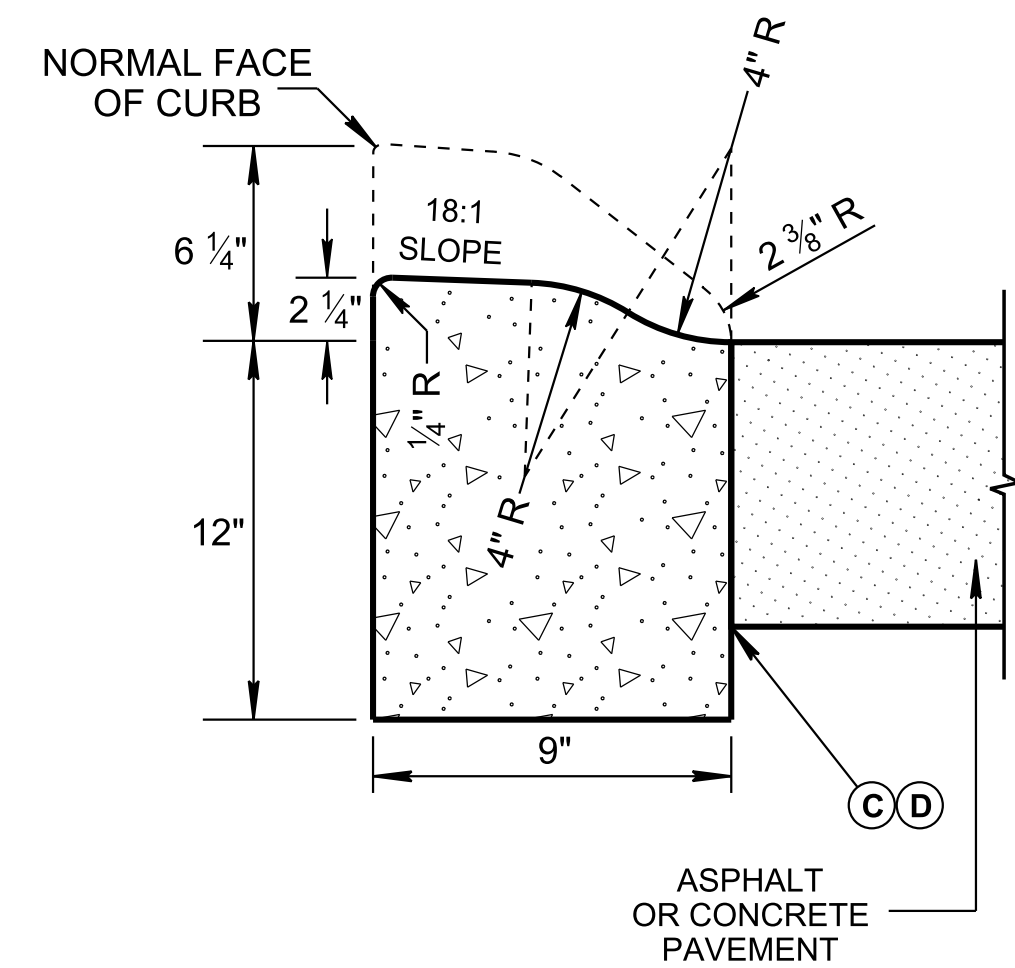
HEIGHT OF CURB	CUBIC YARD PER LINEAR FOOT
LOWERED CURB	0.03099
6" SLOPING	0.03841
4" SLOPING	0.04320

- GENERAL NOTES**
- (A) FOR SPECIFICATIONS SEE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION, SECTION 702 - CEMENT CONCRETE CURB, GUTTER AND COMBINED CURB AND GUTTER.
 - (B) THE FRONT FACE OF THE CONCRETE CURBS FOR ALL DEGREES OF CURVATURE SHALL CONFORM TO THE CONTOUR OF THE CURVE AND NO CHORD SECTIONS WILL BE PERMITTED.
 - (C) CONCRETE EXPANSION JOINT MATERIAL IS TO BE 1/2" IN THICKNESS AT ALL LOCATIONS. ALL MATERIAL IS TO BE PRE-MOLDED FIBER IN ACCORDANCE WITH SECTION 905 - JOINT MATERIALS OF THE STANDARD SPECIFICATIONS.
 - (D) EXPANSION JOINTS ARE TO BE PLACED AS FOLLOWS:
 - AT TANGENT POINTS OF CIRCULAR CURBS.
 - BETWEEN CURBS AND ABUTTING RIGID OBJECTS.
 - AT OTHER PLACES WHERE STRESSES MAY DEVELOP.
 - TO LINE UP WITH PAVEMENT JOINTS WHERE THE ADJACENT PAVEMENT IS CONCRETE.
 - THE MAXIMUM SPACING IS TO BE 100 FEET.
 - BETWEEN CONCRETE CURBS OR CURB AND GUTTERS AND CONCRETE PAVEMENT. IT IS NOT REQUIRED WHEN CURBS OR CURB AND GUTTERS ARE ADJACENT TO ASPHALT.
 - (E) CONTRACTION JOINTS ARE TO BE SPACED AT 10 FEET. THE SPACING OF 10 FEET MAY BE REDUCED FOR CLOSURES, BUT NOT LESS THAN 6 FEET.
 - (F) EDGES OF JOINTS SHALL BE FINISHED ON 1/4" RADII.
 - (G) ALL COST OF JOINTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS.
 - (H) THE UNIT PRICE BID FOR CONCRETE CURB, CONCRETE CURB AND GUTTER AND CONCRETE PAVEMENT WILL INCLUDE ANY CIRCULAR SECTION REQUIRED TO BE BUILT CONFORMING TO SECTIONS SHOWN ON THIS SHEET.
 - (I) WHERE CONCRETE MEDIAN PAVEMENT IS POURED BEHIND EXTRUDED SLOPING CONCRETE CURB, IT MAY BE POURED MONOLITHICALLY WITH THE CURB.
 - (J) THE EXTRUDED SLOPING CONCRETE CURB IS TO BE USED ONLY IN SPECIAL CONDITIONS SUCH AS LOW SPEED LOW VOLUME LOCAL STREETS, AS A TEMPORARY MEASURE TO CONTROL TRAFFIC FLOW OR WHEN TIEING TO SIMILAR CURBS ON SUBDIVISION STREETS OR IN PARKING LOTS.
 - (K) PAYMENT WILL BE AS FOLLOWS:

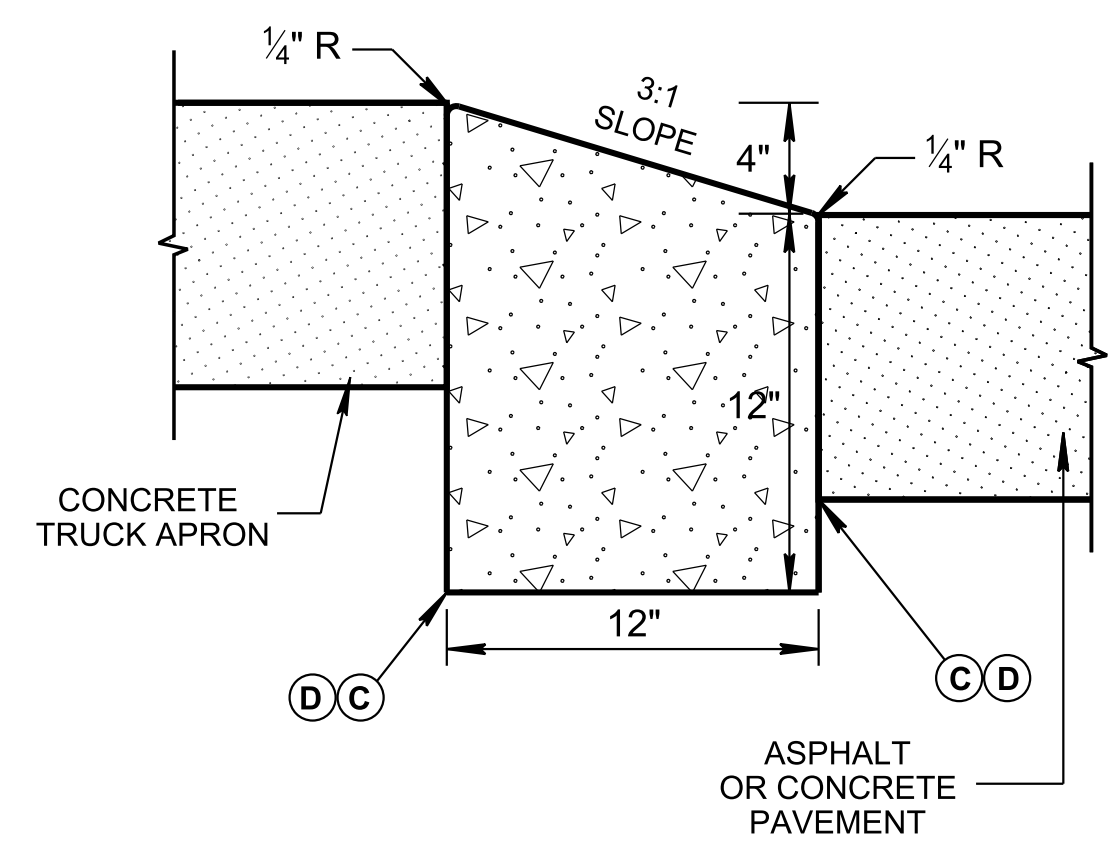
ITEM NO. 702-01	CONCRETE CURB,	PER C.Y.
ITEM NO. 702-01.01	EXTRUDED SLOPING CURB,	PER L.F.
ITEM NO. 702-03	CONCRETE COMBINED CURB AND GUTTER,	PER C.Y.
 - (L) THE 1/4" HEIGHT IS FOR WHEN ASPHALT PAVEMENT IS ADJACENT TO CONCRETE CURB AND GUTTER ONLY. CONCRETE PAVEMENT WILL BE FLUSH WITH THE TOP OF THE GUTTER.
- LOWERED CONCRETE CURB NOTE**
- (M) TO BE BUILT AS COMBINED CURB AND GUTTER, DETACHED CURB OR INTEGRAL CURB AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.



6" SLOPING DETACHED CONCRETE CURB
(PAY ITEM NO. 702-01)



LOWERED SLOPING DETACHED CONCRETE CURB
(PAY ITEM NO. 702-01)



4" SLOPING DETACHED CONCRETE CURB (FOR ROUNDABOUT TRUCK APRONS ONLY)
(PAY ITEM NO. 702-01)

REV. 06-28-19: REVISED DETAILS FOR 6" SLOPING CONCRETE COMBINED CURB AND GUTTER, LOWERED CONCRETE CURB AND 6" SLOPING DETACHED CONCRETE CURB. GENERAL NOTES: REVISED (C) AND (D), ADDED NOTE (L) & (M). ADDED DETAIL FOR LOWERED 6" SLOPING DETACHED CONCRETE CURB. REDREW SHEET.

REV. 03-04-2021: REVISED THE DESCRIPTION OF THE STANDARD DRAWING. REMOVED TYPE 6-45 FROM THE DRAWING AND REVISED TABLES. REMOVED "COMBINED" FROM THE TITLE AND FROM THE TABLES. REMOVED 6" FROM SLOPING CONCRETE. ADDED PAY ITEM NO. ON THE DRAWINGS.

REV. 05-04-2022: ADDED 4" SLOPING DETACHED CONCRETE CURB DETAIL FOR ROUNDABOUT TRUCK APRONS.

(Replaced Std Dwg RP-MC-2)

STATE OF TENNESSEE
STANDARD DRAWING
DEPARTMENT OF TRANSPORTATION

SLOPING CONCRETE CURB AND GUTTER

05-15-2018 RP-SC-1