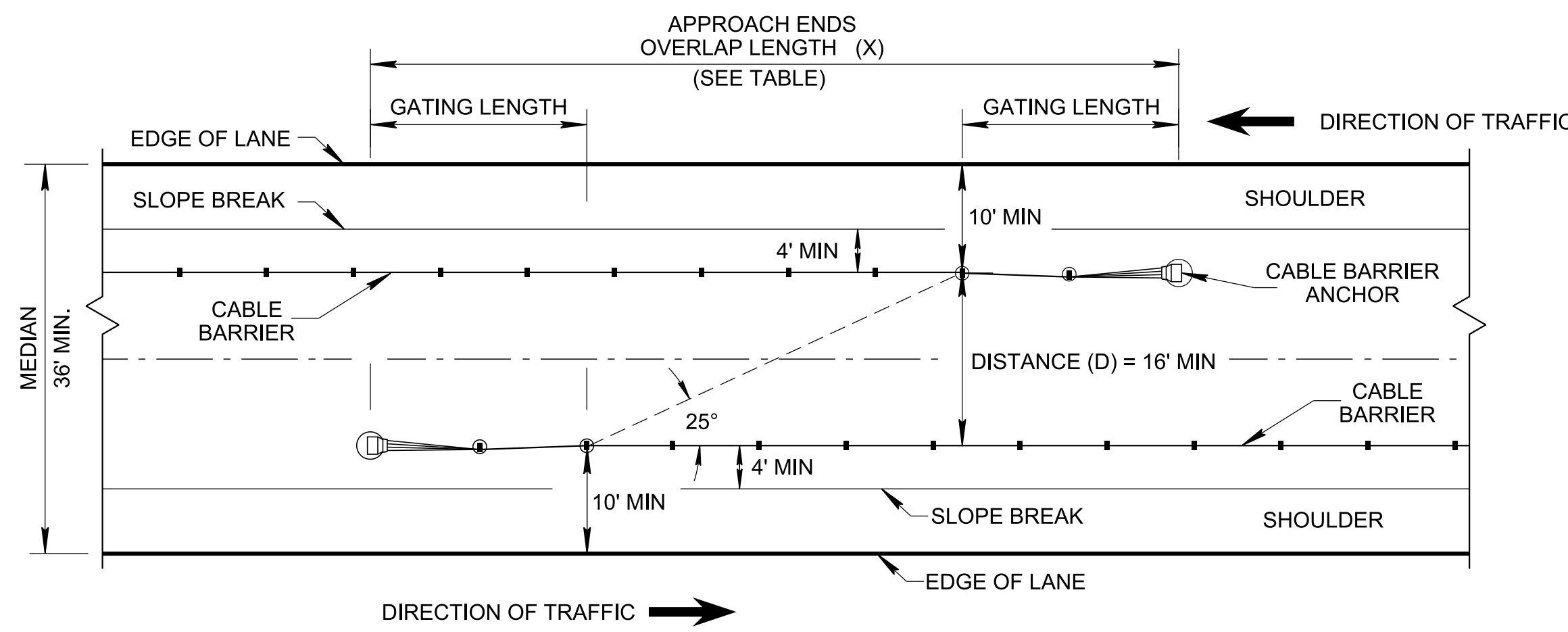


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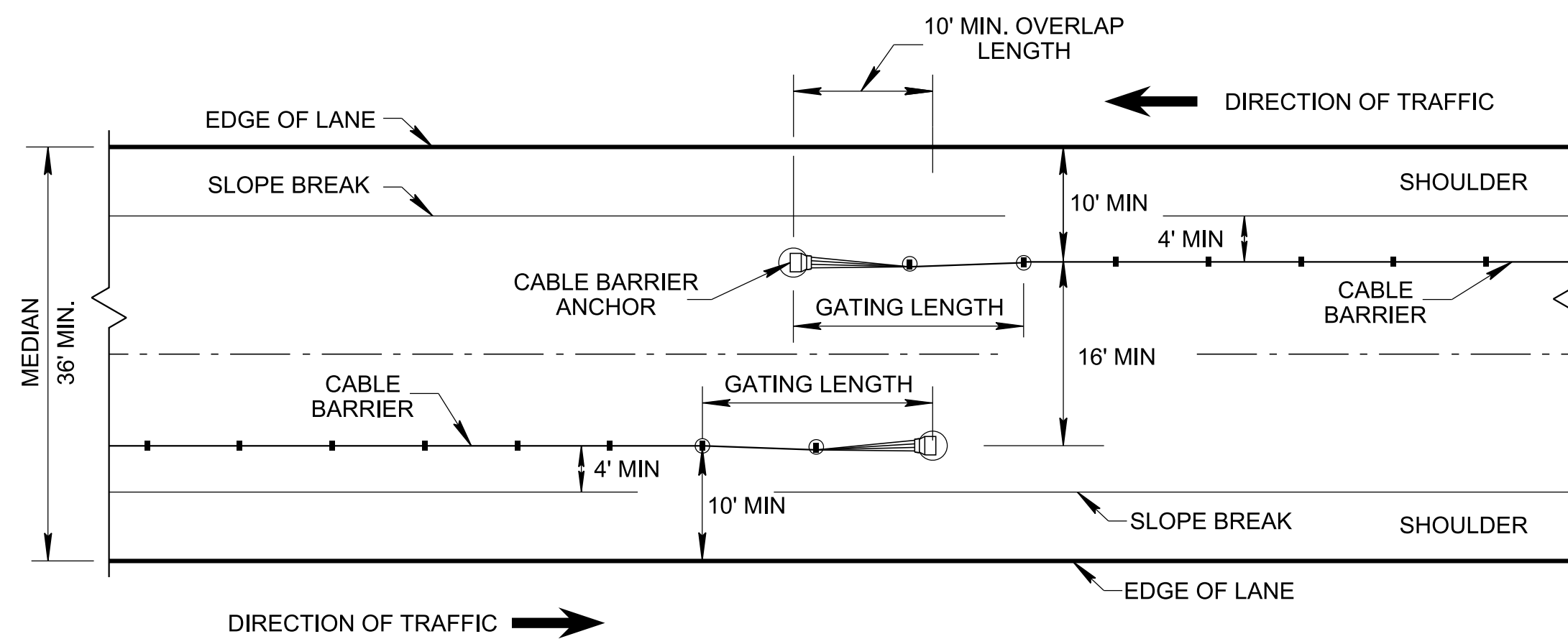


**DETAIL A  
OVERLAP AT APPROACH ENDS OF CABLE BARRIER**

NOTE: TABLE ABOVE REFERS GATING LENGTH OF 20 FEET. FOR CABLE BARRIER GATING LENGTH REFER TO MANUFACTURER SPECIFICATIONS AND SHOP DRAWINGS.

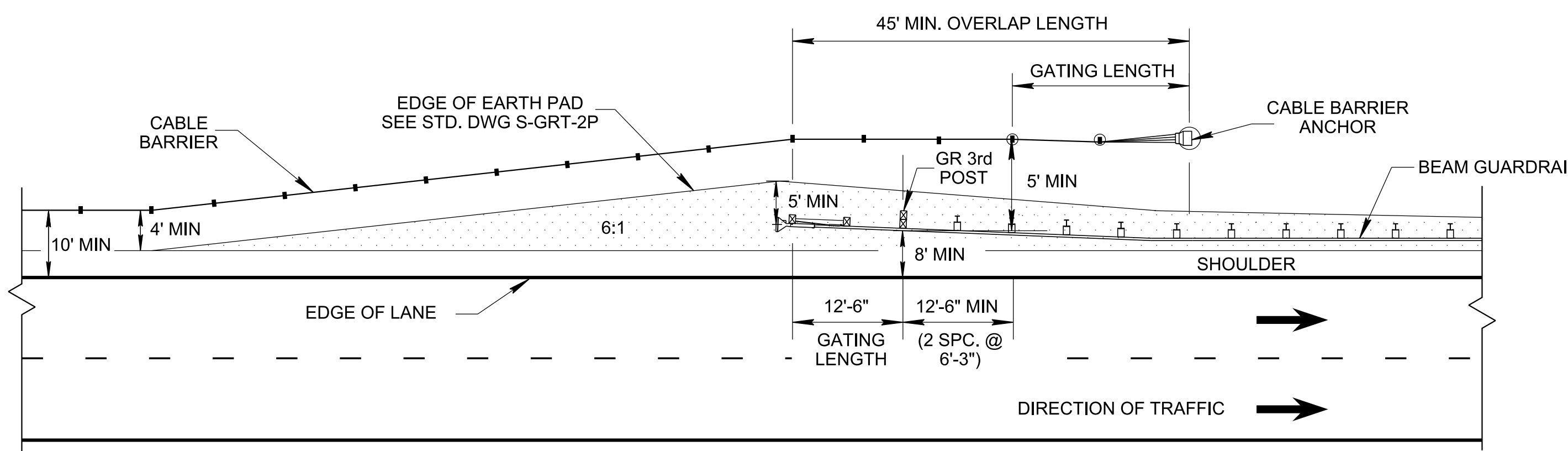
TABLE	
DISTANCE (D) (FT)	APPROACH ENDS OVERLAP LENGTH (X) (LF)
16	75
20	83
24	91
28	100
32	109

$$X (FT) = 2(GATING LENGTH) + \frac{D}{\tan 25^\circ}$$

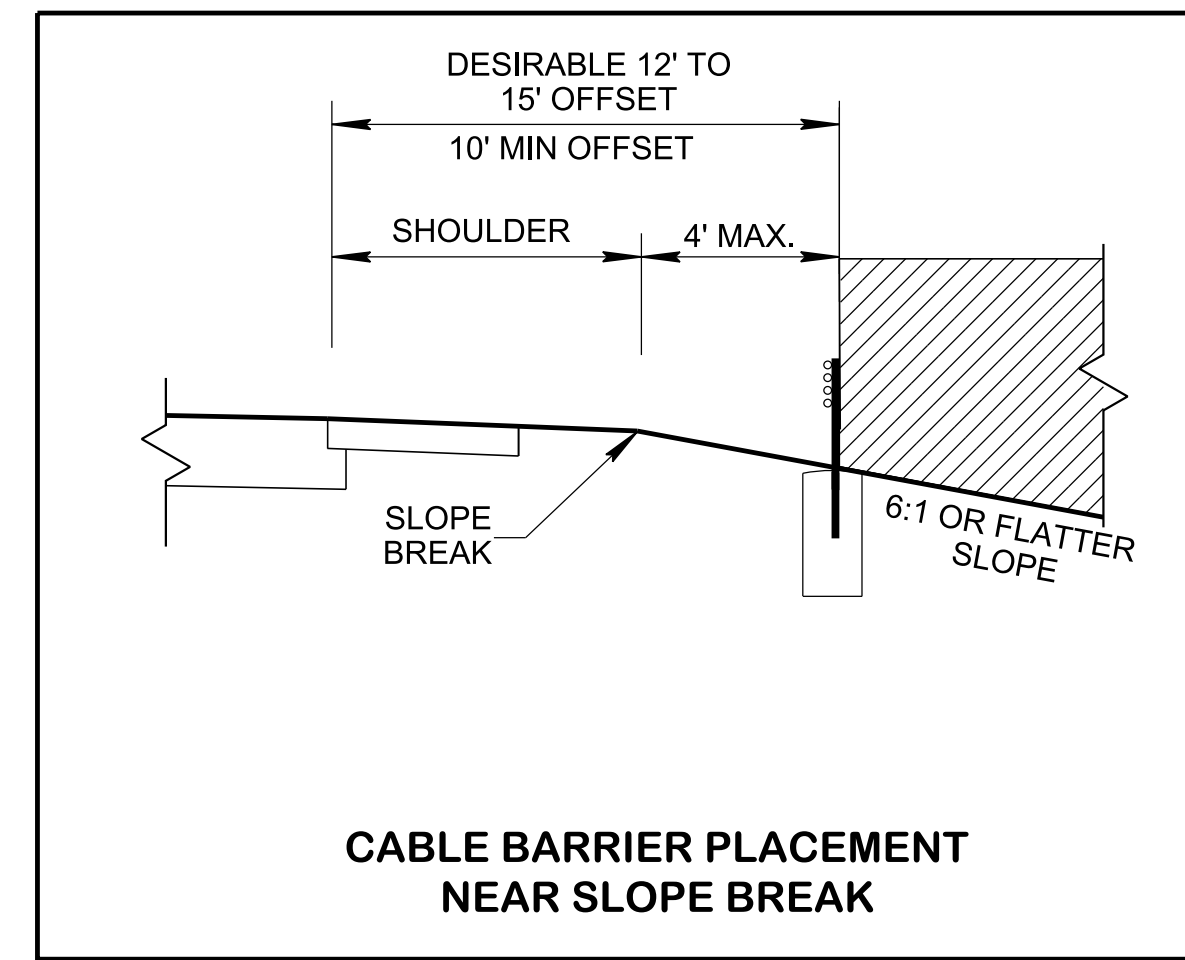


**DETAIL B  
OVERLAP AT TRAILING ENDS OF CABLE BARRIER**

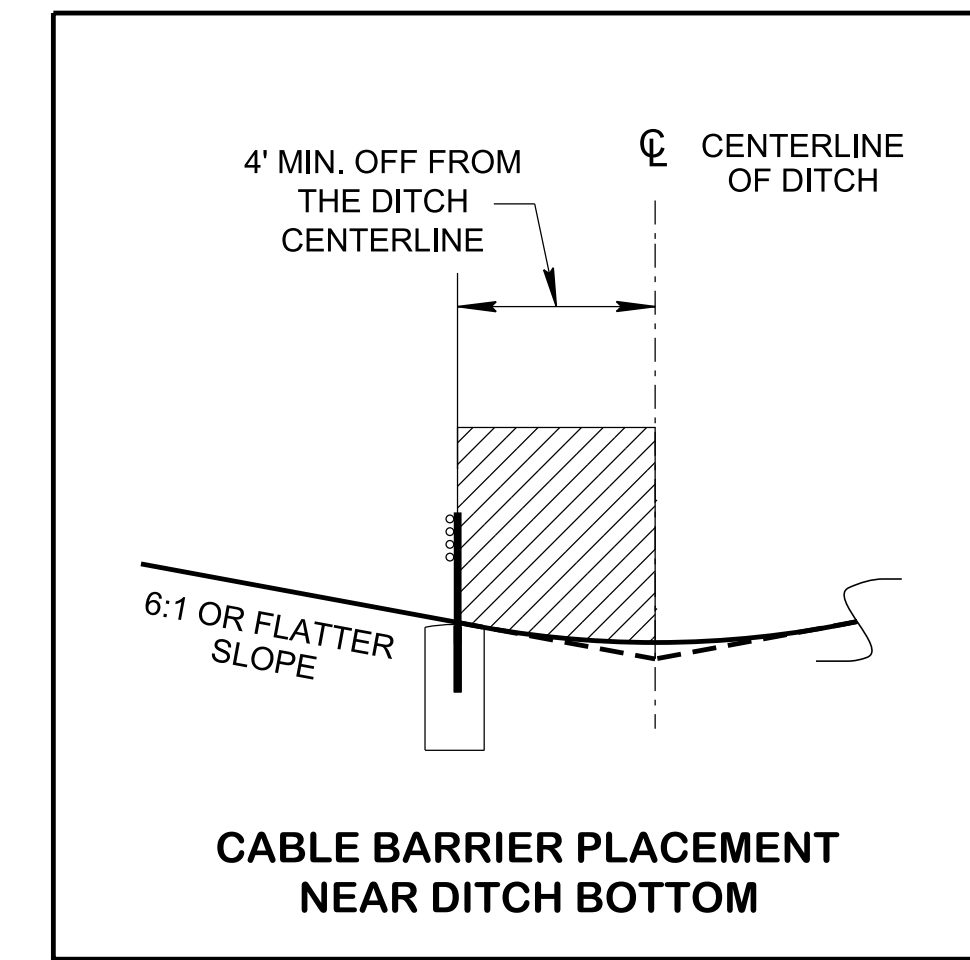
(USE A MINIMUM OF 10 FEET OVERLAP LENGTH AT TRAILING ENDS OF CABLE BARRIER INSTALLATION.)



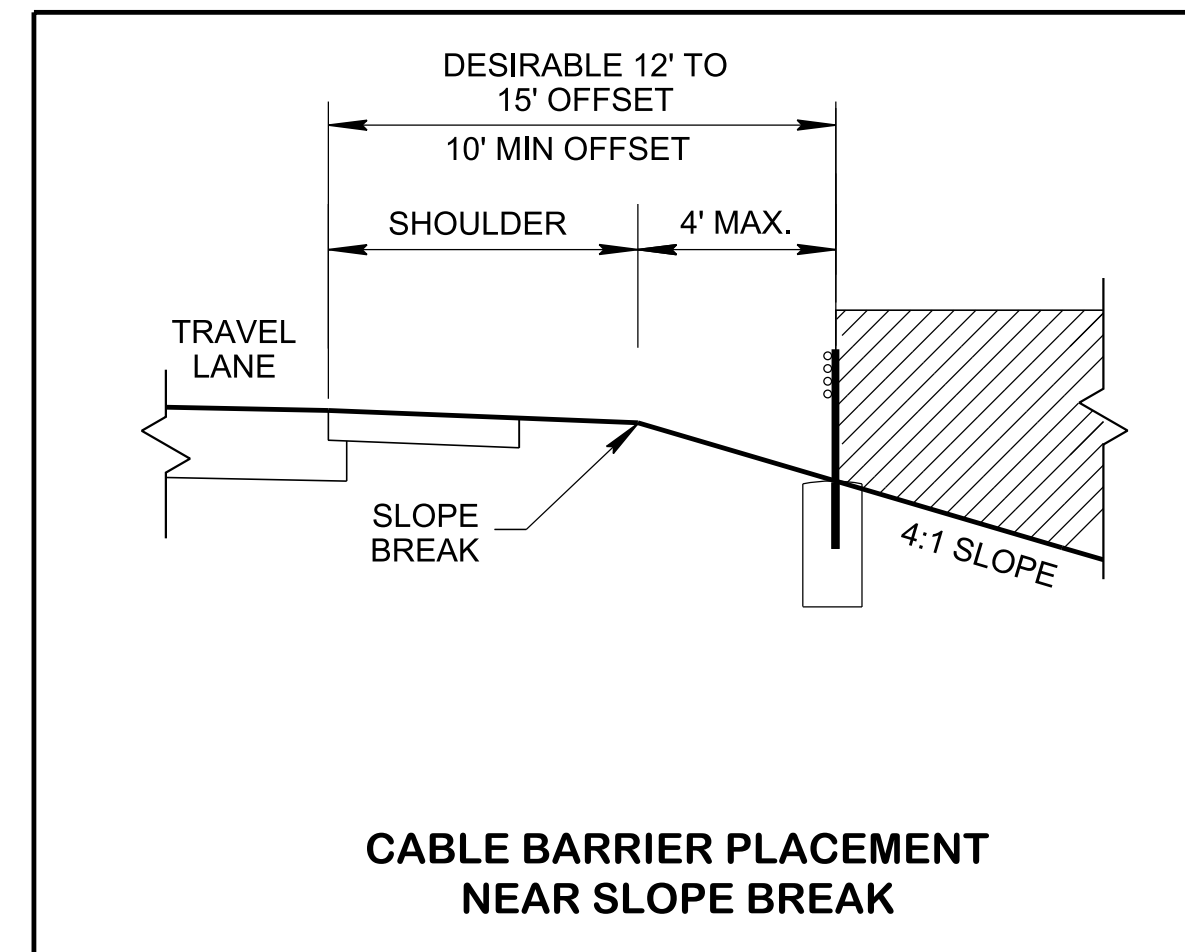
**DETAIL C  
CABLE BARRIER TERMINATION INSTALL BEHIND BEAM GUARDRAIL**



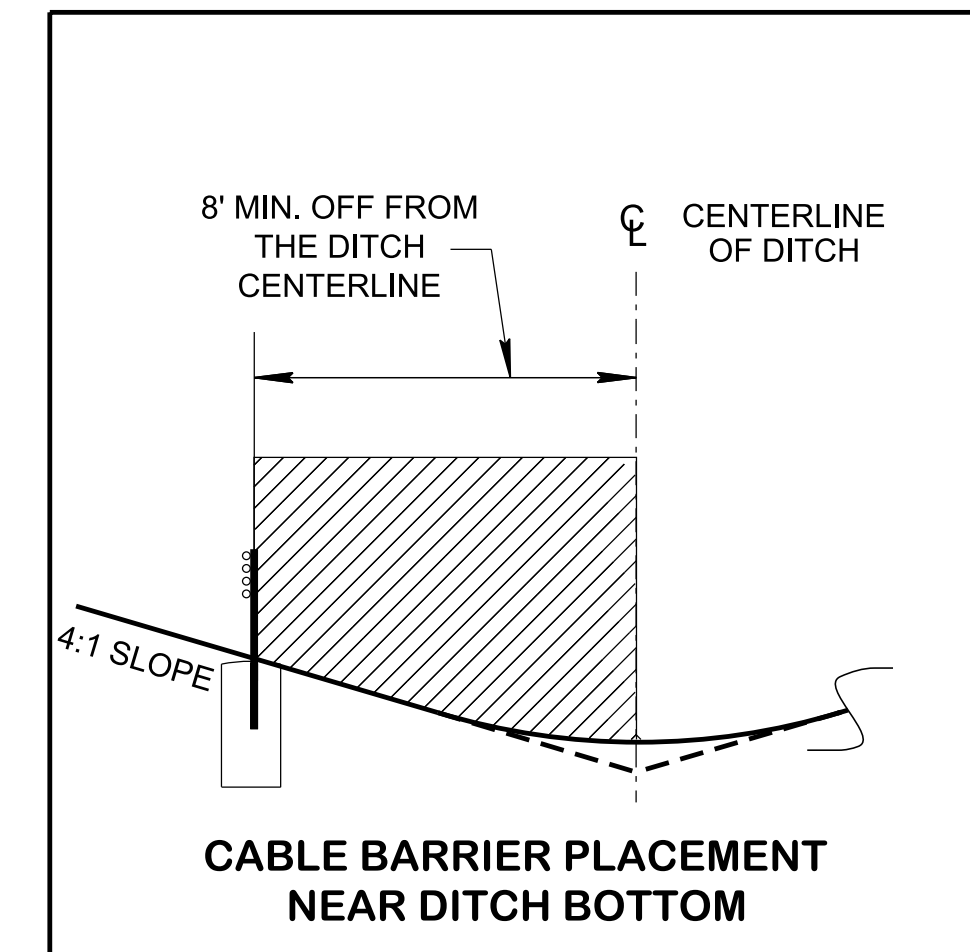
**CABLE BARRIER PLACEMENT  
NEAR SLOPE BREAK**



**CABLE BARRIER PLACEMENT  
NEAR DITCH BOTTOM**



**CABLE BARRIER PLACEMENT  
NEAR SLOPE BREAK**



**CABLE BARRIER PLACEMENT  
NEAR DITCH BOTTOM**

**TYPICAL PLACEMENT LOCATIONS FOR CABLE MEDIAN BARRIER**  
(MINIMUM WIDTH SHOWN (B))

**LEGEND** CABLE BARRIER INSTALLATION  
NOT PERMITTED

**GENERAL NOTES**

- (A) CABLE BARRIERS SHOULD BE CONSIDERED ALONG ROADWAYS WITH DEPRESSED MEDIANS THAT HAVE LOCATIONS THAT: EXPERIENCE HIGHER ROADWAY DEPARTURE RATES, HAVE HIGH ADTS WITH A HISTORY OF MEDIAN CROSSOVERS, AND WHERE A TRAFFIC ENGINEER'S ANALYSIS JUSTIFIES CABLE BARRIERS.
- (B) CABLE BARRIER SHOULD BE USED ON DEPRESSED MEDIANS WIDER THAN 36 FEET.
- (C) CABLE BARRIER ANCHORS MAY VARY IN LENGTH AND DO NOT PROVIDE ANY REDIRECTIVE CAPACITY.
- (D) CABLE BARRIERS SHOULD NOT BE INSTALLED ON FILL SLOPES STEEPER THAN 4:1.
- (E) MAXIMUM RUN LENGTH IS 5000 FT.
- (F) CABLE BARRIERS SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATION AND SHOP DRAWINGS LISTED ON THE QUALIFIED PRODUCTS LIST.
- (G) CABLE BARRIER SHOULD NOT BE USED TO SHIELD FIXED OBJECTS. CABLE BARRIER RUNS SHALL BE TERMINATED AND GUARDRAIL OR RIGID BARRIER SHALL BE INSTALLED TO SHIELD FIXED OBJECTS.
- (H) CABLE BARRIER SHOULD ONLY BE USED AT LOCATIONS WHERE THERE IS A MINIMUM OF 10 FEET SPACE AVAILABLE BEHIND THE BARRIER TO ALLOW FOR DEFLECTION.
- (I) CABLE BARRIER MAY BE PLACED ON THE INSIDE CURVE WHERE POSSIBLE.
- (J) REFER TO STANDARD DRAWING S-CB-2 FOR HIGH TENSION CABLE BARRIER (HTCB).
- (K) REFER TO STANDARD DRAWING T-M-18 FOR CABLE BARRIER DELINEATOR. DELINEATOR COST TO BE INCLUDED IN THE COST OF CABLE BARRIER.
- (L) MASH TEST LEVEL TL-4 CABLE BARRIER SYSTEMS SHALL BE INSTALLED AT LOCATIONS WHERE MEDIAN SLOPES LIMITED TO 6:1.
- (M) PAY ITEMS FOR CABLE BARRIER WILL BE UNDER THE FOLLOWING ITEM NUMBERS:

705-06.40	CABLE BARRIER (MASH TL-3)	L.F.
705-06.41	CABLE BARRIER ANCHOR (MASH TL-3)	EACH
705-06.50	CABLE BARRIER (MASH TL-4)	L.F.
705-06.51	CABLE BARRIER ANCHOR (MASH TL-4)	EACH

STATE OF TENNESSEE  
STANDARD DRAWING  
DEPARTMENT OF TRANSPORTATION

CABLE BARRIER  
PLACEMENT

REV. 06-28-19: ADDED ITEM NO 'S 705-06.40, 705-06.41, AND 705-80.03. REMOVED TABLE. REDREW SHEET.

REV. 10-29-21: THE PLAN VIEW AND DETAILS B-1 AND B-2 WERE REMOVED. DETAIL A WAS REDRAWN AND DETAILS B AND C WERE ADDED. THE "TYPICAL PLACEMENT LOCATIONS FOR CABLE MEDIAN BARRIER" WAS REMOVED AND REPLACED WITH FOUR DETAILS. THE TABLE AND ASSOCIATED EQUATION AND NOTE WERE ADDED. ALL GENERAL NOTES WERE REVISED. ITEM NUMBERS 705-80.01 AND 705-80.03 WERE REMOVED. ITEM NUMBERS 705-06.50 AND 705-06.51 WERE ADDED.

REV. 07-07-23: REVISED GENERAL NOTES (F) AND (K). ADJUSTED GENERAL NOTE NUMBERS AND ADDED GENERAL NOTE (I).

REV. 01-09-24: REVISED TYPICAL PLACEMENT LOCATIONS FOR CABLE MEDIAN BARRIER DRAWINGS.