

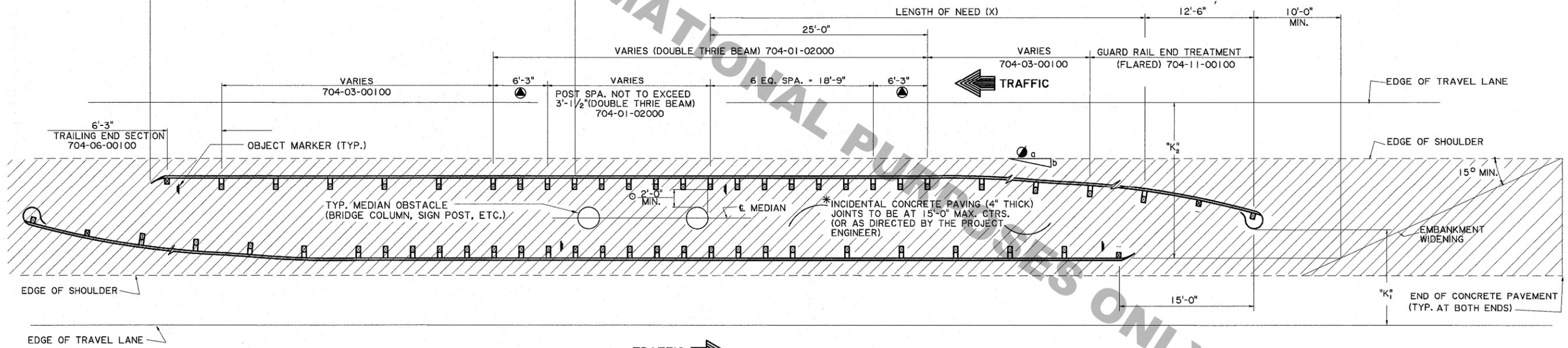
SEE ANCHOR PLATE AND STEEL POST ATTACHMENT TO CONCRETE DETAILS, SHEET 10, STD. PLAN GR-200 IF STEEL POST ARE REQUIRED AT FOOTING LOCATIONS.

GUARD RAIL FOR MEDIAN OBSTACLE - PLAN VIEW

(WHEN "K" ≥ L_c)
(L_c = CLEAR ZONE DISTANCE)

LAYOUT SAME FOR OPPOSITE SIDE OF MEDIAN BUT IN OPPOSITE DIRECTION.

THIS LENGTH SHALL BE DETERMINED BY THE TOTAL LENGTH OF NEED GUARD RAIL (X) PLUS 12'-6" REQUIRED FOR THE OPPOSING TRAFFIC MINUS 15'-0"



GUARD RAIL FOR MEDIAN OBSTACLE - PLAN VIEW

(ONLY WHEN "K₁" < L_c AND "K₂" > L_c)
SEE SHT. 2 OF 8 FOR DESIRABLE LAYOUT

NOTES:

THIS STANDARD SHALL BE USED IN CONJUNCTION WITH STANDARD PLAN GR-200

DESIRABLE LOCATION FOR GUARD RAIL: GUARD RAIL SHALL BE PLACED AS FAR AWAY FROM TRAFFIC AS POSSIBLE BUT NO CLOSER THAN 2'-0" FROM THE OBSTACLE AS SHOWN.

FOR CLEARANCES OF MORE THAN 5'-0" ITEM 704-01-02000 MAY BE REPLACED BY ITEM 704-01-01020 WHICH IS A SINGLE THRIE BEAM WITH 6'-3" POST SPACING.

FOR CLEAR ZONE DISTANCE (L_c) SEE TABLE 1, SHEET 2, STD. PLAN GR-200. "K", "K₁" AND "K₂" ARE DISTANCES MEASURED FROM EDGE OF TRAVEL LANE TO BACK FACE OF GUARD RAIL.

* INCIDENTAL CONCRETE PAVING (4" THICK) TO BE PAID FOR UNDER ITEM 706-03-00100, PER SQ. YARD. THE INCIDENTAL CONCRETE WILL BE USED ON THE PROJECT ONLY IF A QUANTITY & PAY ITEM ARE SHOWN ON THE SUMMARY OF ESTIMATED QUANTITIES. SEE SHEET 10, GR-200 STD. PLAN FOR REQUIRED POST PAVING DETAILS.

▲ 6'-3" W BEAM/THRIE BEAM TRANSITION SECTION.

LENGTH OF NEED (X) TO BEGIN AT FIRST POST PRIOR TO OBSTACLE AS SHOWN.

○ DIMENSION MEASURED FROM BACK FACE OF GUARD RAIL POST TO FRONT FACE OF OBSTACLE.

● FLARE RATE SHALL BE IN ACCORDANCE WITH DESIGN SPEED AS SHOWN ON SHEET 2 STD. PLAN GR-200.



SHEET NUMBER	PARISH	FEDERAL PROJECT	STATE PROJECT
DESIGNED	CHECKED	DATE	SHEET
DATE	APPROVED BY	REVISION DESCRIPTION	BY
DATE	CHIEF ENGINEER		
DATE: 1-26-09			
HIGHWAY GUARD RAILS MEDIAN OBSTACLE 2' MIN. CLEARANCE			
GR-201			
BRIDGE AND STRUCTURAL DESIGN			