



GUARD RAIL FOR MEDIAN OBSTACLE (DESIRABLE) - PLAN VIEW

(WHEN "K" < Lc, SEE NOTES AND DETAILS SHT. 1 OF 8)

NOTES:

THIS STANDARD PLAN 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 SHOWN.

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

FOR CLEAR ZONE DISTANCE (Lc), SEE TABLE 1, SHEET 2, STD. PLAN GR-200

* INCIDENTAL CONCRETE PAVING (4" THICK) IS 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 SHT. 10, STD. PLAN GR-200 FOR REQUIRED POST PAVING DETAILS.

SEE NOTE 13, SHEET 1, STD. PLAN GR-200 FOR INFORMATION ON RETROREFLECTIVE ADHESIVE SHEETING FOR GUARD RAIL SYSTEMS.

"H" IS THE SHORTEST MULTIPLE OF 6'-3" WHICH EXCEEDS THE HAZARD LENGTH.

● GUARD RAIL SHALL BE FLARED TO MEET THE FRONT THRIE BEAM GUARDRAIL.

⊕ SEE STANDARD ITEM, 704-11-00300 FOR GUARD RAIL END TREATMENT (BI-DIRECTIONAL).

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

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



SHEET NUMBER	
PARISH	
FEDERAL PROJECT	
STATE PROJECT	
DESIGNED	
CHECKED	
DATE	
BY	
REVISION DESCRIPTION	
DATE	
APPROVED BY	
CHIEF ENGINEER	
DATE	1-26-09
CHIEF ENGINEER	William A. Temple
STATE OF LOUISIANA	
REGISTERED PROFESSIONAL ENGINEER	
IN CIVIL ENGINEERING	
REG. NO. 21028	
PAUL B. FOSSIER, JR.	
11-10-08	
HIGHWAY GUARD RAILS	
MEDIAN OBSTACLE	
2' MIN. CLEARANCE	
(DESIRABLE)	
GR-201	
BRIDGE AND STRUCTURAL DESIGN	
DOTD	