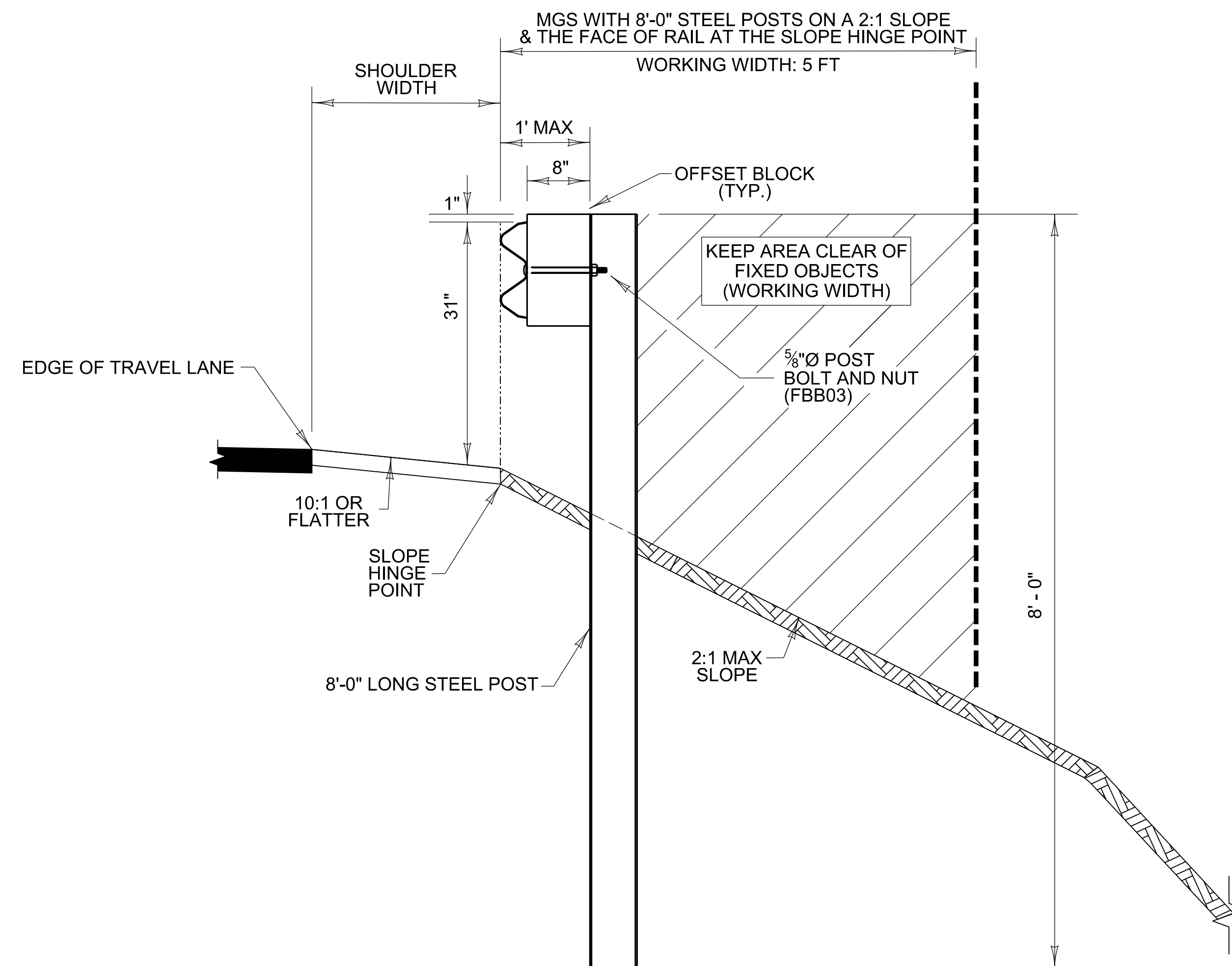


~ NOTES ~

- 401. THIS MGS GUARDRAIL SYSTEM HAS BEEN CRASH TESTED AND IS MASH TL-3 APPROVED.
- 402. THIS MGS GUARDRAIL SYSTEM WITH 8'-0" STEEL POSTS ON A 2:1 SLOPE AND THE FACE OF RAIL AT THE SLOPE HINGE POINT HAS A WORKING WIDTH OF APPROX. 5 FT. DO NOT INSTALL WHERE FIXED OBJECTS ARE WITHIN 5 FT OF THE FACE OF GUARDRAIL (SEE PLAN VIEW).
- 403. USE STEEL POSTS ONLY FOR THIS MGS GUARDRAIL CONFIGURATION. WOOD OR OTHER POST TYPES ARE NOT PERMITTED.
- 404. THE FOLLOWING STANDARD MGS GUARDRAIL INSTALLATION NOTES APPLY TO THIS MGS SYSTEM WITH 8'-0" STEEL POSTS INSTALLED ON A 2:1 SLOPE AT THE SLOPE HINGE POINT: RBR-200, SHEET 1, NOTES 104, 105, 106, 107, 109, 111, 112, & 113.
- 405. WHERE POSTS ARE INSTALLED DOWN THE SLOPE, TRANSITION BACK-OF-POST GRADING FROM 2'-0" TO THE FACE OF GUARDRAIL AT THE SLOPE HINGE POINT OVER A MINIMUM 12.5 FT LENGTH, AND USE 8'-0" LONG STEEL POSTS.
- 406. GUARDRAIL HEIGHT SHALL BE 31" ALONG REDUCED SHOULDER WIDTH AND THROUGH THE REDUCED SHOULDER WIDTH TRANSITIONS. SEE STANDARD DRAWING RBR-018 WHEN TRANSITIONING TO A HEIGHT LESS THAN 31".
- 407. THE FOLLOWING GUARDRAIL CONFIGURATIONS SHALL NOT BE USED WITH THIS MGS GUARDRAIL SYSTEM (8'-0" STEEL POSTS ON A 2:1 SLOPE WITH FACE OF RAIL AT SLOPE HINGE POINT):
  - GUARDRAIL WITH HALF- OR QUARTER-POST SPACING (RBR-200 SHEET 2)
  - TL-2 GUARDRAIL (RBR-201)
  - OMITTED POSTS (RBR-200 SHEETS 6, 7, AND 8)
  - LONG-SPAN GUARDRAIL (RBR-200 SHEETS 9 AND 10)
  - GUARDRAIL WITH CURBING (RBR-205)
- 408. WHEN USING GUARDRAIL WITH POSTS PLACED DOWN THE SLOPE AND TRANSITIONING TO A THRIE-BEAM, LOCATE THE ASYMMETRIC W-BEAM TO THRIE-BEAM TRANSITION RAIL A MINIMUM OF 25 FT FROM THE REDUCED SHOULDER WIDTH TRANSITION. REFER TO DETAIL A ON RBR-200 SHEET 3 FOR GENERAL LAYOUT.
- 409. END TREATMENTS AND CRASH CUSHIONS REQUIRE SPECIFIC GRADING CONDITIONS TO FUNCTION PROPERLY. CONSULT THE MANUFACTURER'S INSTALLATION MANUAL WHEN INSTALLING PROPRIETARY SYSTEMS NEAR SLOPES. LOCATE STANDARD TERMINALS A MINIMUM OF 25 FT FROM THE REDUCED SHOULDER WIDTH. REFER TO DETAIL A ON RBR-200 SHEET 3 FOR GENERAL LAYOUT.

BID ITEM AND UNIT TO BID

G/R-W BEAM-S FACE (TL-3) 8 FT POST LF



SECTION A - A  
8'-0" LONG STEEL POST DOWN THE SLOPE WITH REDUCED SHOULDER WIDTH

REVISION DATE: 05/06/2026  
REVISION NUMBER: 0

05/06/2026 DATE  
SUBMITTED DIVISION DIRECTOR  
APPROVED STATE HIGHWAY ENGINEER

BARRIERS