

MGS STANDARD GUARDRAIL WITH AN OMITTED POST  
MINIMUM DISTANCE BETWEEN OMITTED POSTS

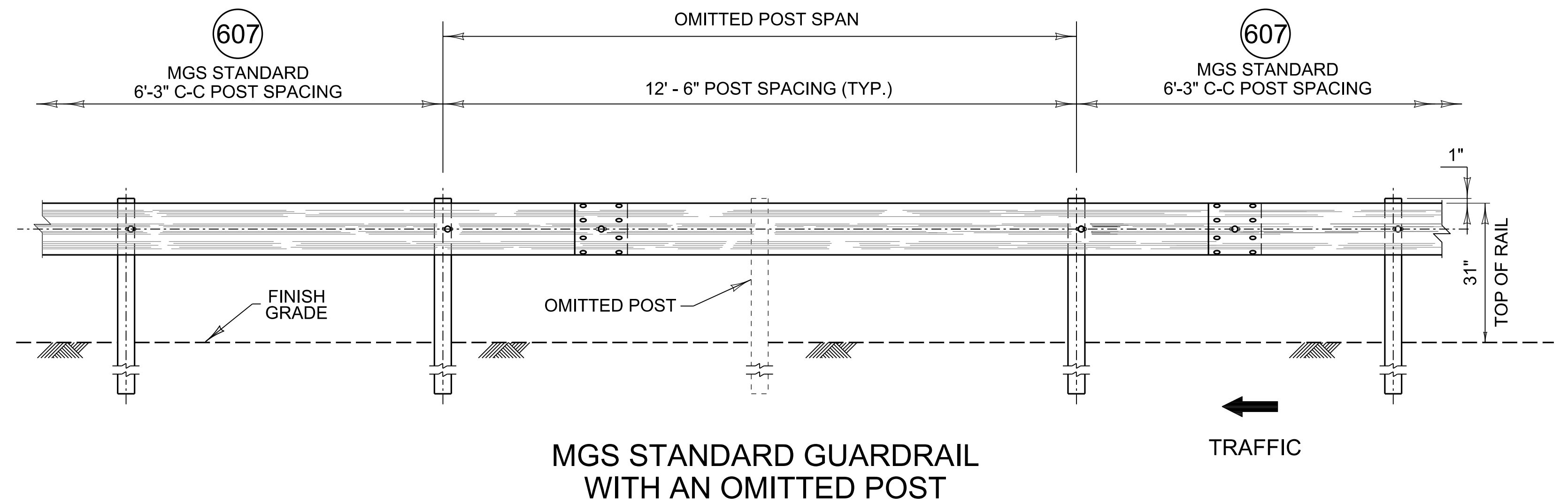
~ NOTES ~

- 601. THIS MGS GUARDRAIL SYSTEM HAS BEEN CRASH TESTED AND IS MASH TL-3 APPROVED. FOR STANDARD MGS GUARDRAIL (STANDARD RUNS ONLY), A SINGLE POST MAY BE OMITTED WITHOUT ANY OTHER SYSTEM MODIFICATIONS, PROVIDED A MINIMUM CONTINUOUS 50 FT OF GUARDRAIL IS INSTALLED. LIMIT USE TO ONE (1) OMITTED POST PER 50 FT OF GUARDRAIL LENGTH.
- 602. THIS MGS GUARDRAIL SYSTEM WITH AN OMITTED POST HAS A WORKING WIDTH OF APPROX. 5 FT. DO NOT INSTALL WHERE FIXED OBJECTS ARE LOCATED WITHIN 5 FT OF THE FACE OF GUARDRAIL.
- 603. A GUARDRAIL POST MAY BE OMITTED ONLY WHERE A PHYSICAL CONSTRAINT PREVENTS INSTALLATION AND ONLY AT LOCATIONS AND WITHIN LIMITS SHOWN ON THIS STANDARD DRAWING RBR-200, SHEETS 6, 7, AND 8.
- 604. POST OMISSIONS SHALL BE SHOWN ON THE PLANS OR APPROVED BY THE ENGINEER IN THE FIELD WHEN A PHYSICAL CONSTRAINT PREVENTS INSTALLATION. FIELD OMISSION OF POSTS WITHOUT THE ENGINEER'S APPROVAL IS NOT PERMITTED.
- 605. THE FOLLOWING STANDARD MGS GUARDRAIL INSTALLATION NOTES APPLY TO THE MGS SYSTEM WITH AN OMITTED POST: RBR-200, SHEET 1, NOTES 103, 104, 105, 106, 107, 109, 111, 112, 113, & 114.
- 606. PROVIDE 2'-0" MIN. HORIZONTAL EMBANKMENT WIDTH (10:1 OR FLATTER) BEHIND POSTS TO THE SLOPE HINGE POINT FOR 2:1 OR FLATTER FILL SLOPES.
- 607. GUARDRAIL HEIGHT SHALL BE 31" FOR A DISTANCE OF 12'-6" BEFORE AND AFTER THE OMITTED POST. SEE STANDARD DRAWING RBR-018 WHEN TRANSITIONING TO A HEIGHT LESS THAN 31".
- 608. SEE RBR-200, SHEETS 7 AND 8, FOR APPROVED LOCATIONS WHERE POSTS MAY BE OMITTED NEAR END TREATMENTS, GUARDRAIL TRANSITIONS, AND ADJACENT TO CURB.  
  
AN OMITTED POST IS NOT ALLOWED IN THE FOLLOWING MGS CONFIGURATIONS:  
  - GUARDRAIL HALF- AND QUARTER-POST SPACING (RBR-200 SHEET 2)
  - GUARDRAIL AT SLOPE HINGE POINT (RBR-200 SHEET 3)
  - GUARDRAIL AT SLOPE HINGE POINT - 8FT POSTS (RBR-200 SHEET 4)
  - GUARDRAIL DOUBLE-SIDED (RBR-200 SHEET 5)
  - TL-2 GUARDRAIL (RBR-201)
  - TL-3 THRIE-BEAM GUARDRAIL (RBR-202)
- 609. AN OMITTED POST IN THE PRESENCE OF CURBING REQUIRES NESTED GUARDRAIL. SEE RBR-200, SHEET 8.
- 610. WHEN FIELD CONDITIONS REQUIRE MORE THAN ONE CONSECUTIVE POST TO BE OMITTED, USE THE MGS LONG SPAN CONFIGURATIONS SHOWN ON RBR-200, SHEETS 9 AND 10.

BID ITEM AND UNIT TO BID

G/R-W BEAM-S FACE TL-3

LF



MGS STANDARD GUARDRAIL WITH AN OMITTED POST

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

05/06/2026  
DATE

DIVISION DIRECTOR  
STATE HIGHWAY ENGINEER

SUBMITTED  
APPROVED

BARRIERS