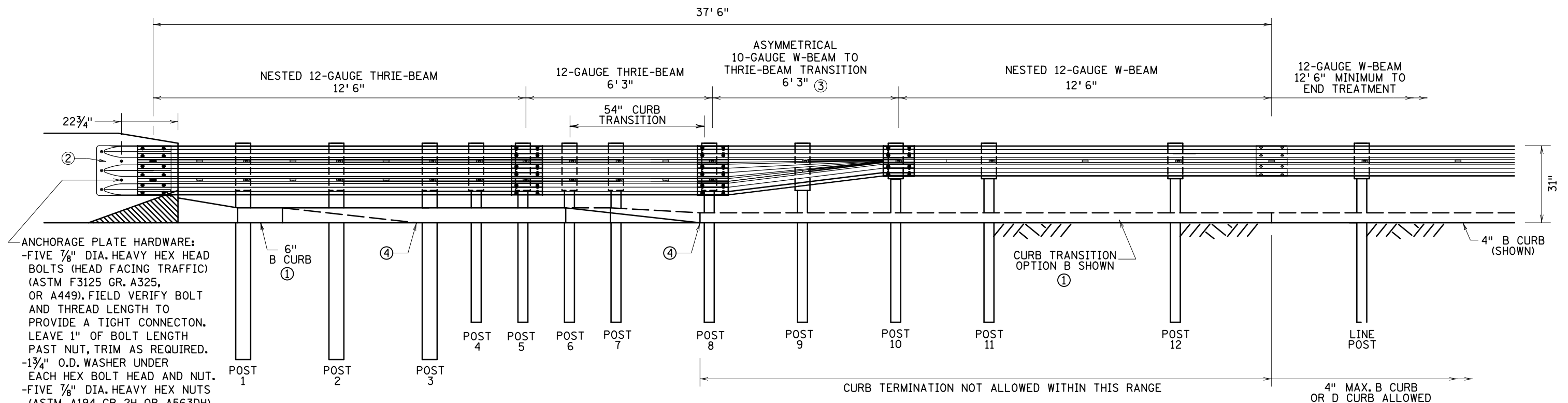
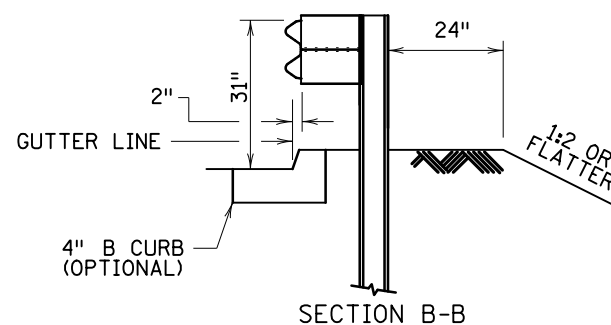
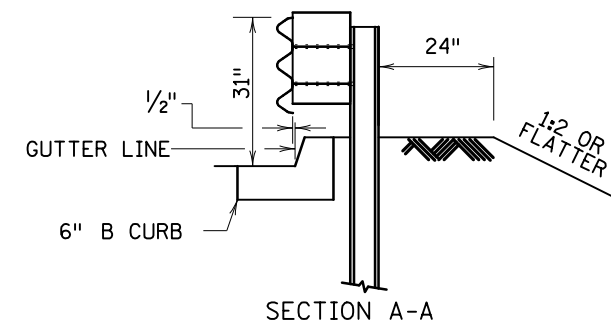


PLAN VIEW



FRONT VIEW



TRANSITION POST AND BLOCKOUT SIZING		
POST #	STEEL POST SIZE	BLOCKOUT SIZE
1-3	84" - W6 x 15	6 x 12 x 19"
4-9	72" - W6 x 9	6 x 12 x 19"
10-12	72" - W6 x 9	6 x 12 x 14 1/4"

NOTES:

- APPROACH GUARDRAIL TRANSITION SHALL BE USED ON THE APPROACH SIDE, AND SHALL BE USED ON THE DEPARTING/TRAILING END IF GUARDRAIL IS NEEDED. GUARDRAIL BEAM AND HARDWARE IN ACCORDANCE WITH AASHTO SPEC. M 180. REFER TO APPROACH PANEL PLANS FOR LOCATION OF E8 JOINT.
- ① SEE CURB DETAILS ON SHEET 2 OF 3.
- ② THRIE-BEAM ANCHORAGE PLATE (STANDARD PLATE 8350) IS INCIDENTAL.
- ③ SEE STANDARD PLATE 8356.
- ④ CURB MAY BE TERMINATED AT THIS LOCATION, SEE CONSTRUCTION PLAN SHEETS FOR LOCATION. SEE CURB DETAILS ON SHEET 2 OF 3.
- ⑤ GUTTER LINE TAPERS 2 1/2" TO MATCH EXTENDED GUTTER LINE FROM BRIDGE.

LEAD EXPERT OFFICE
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 OFFICE OF PROJECT MANAGEMENT & TECHNICAL SUPPORT

APPROACH GUARDRAIL TRANSITION (AGT) TYPE 31
 AT SINGLE SLOPE END POST
 ASSEMBLY DETAILS

APPROVED: 07-05-2022
 REVISED:

THOMAS STYRBICKI
 STATE DESIGN ENGINEER

STANDARD PLAN
 5-297.694

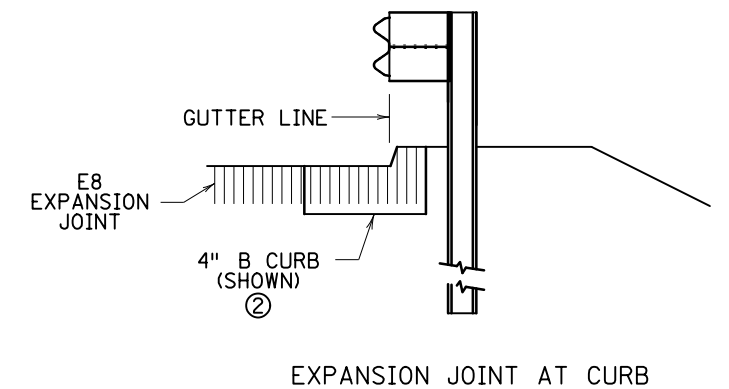
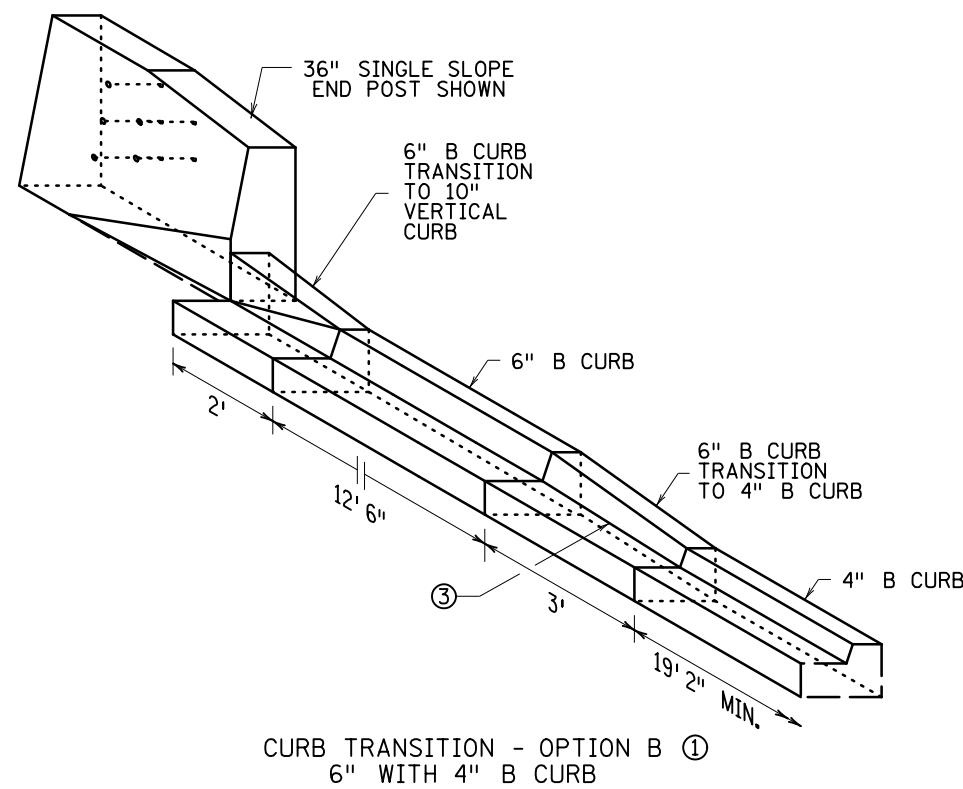
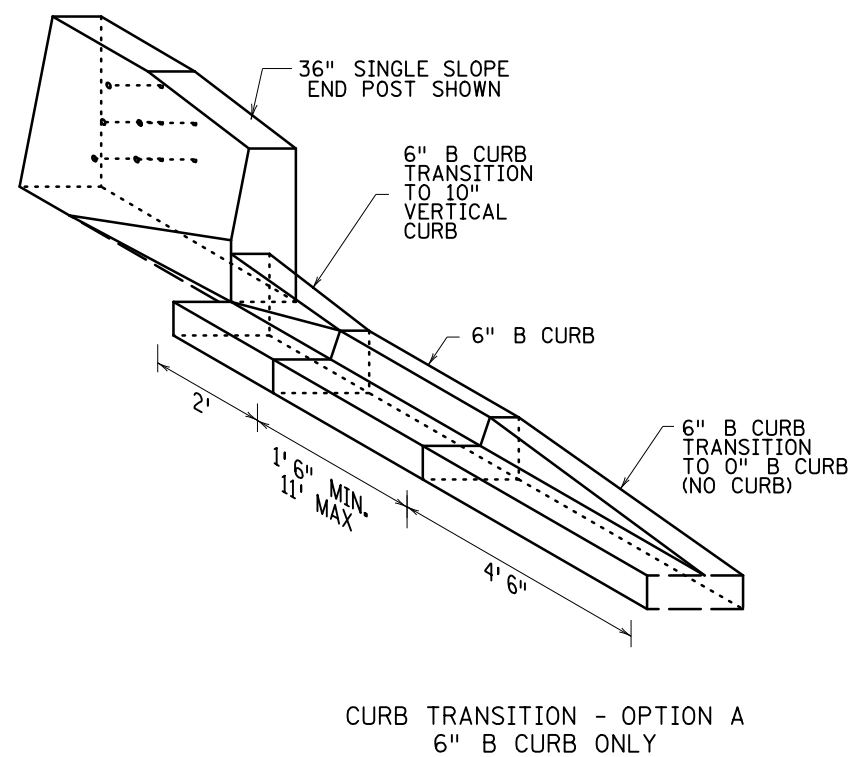
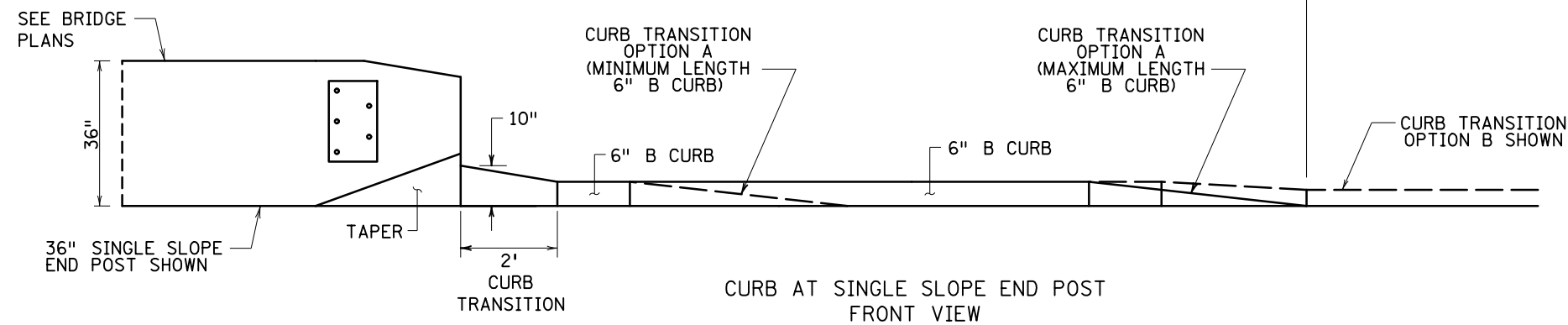
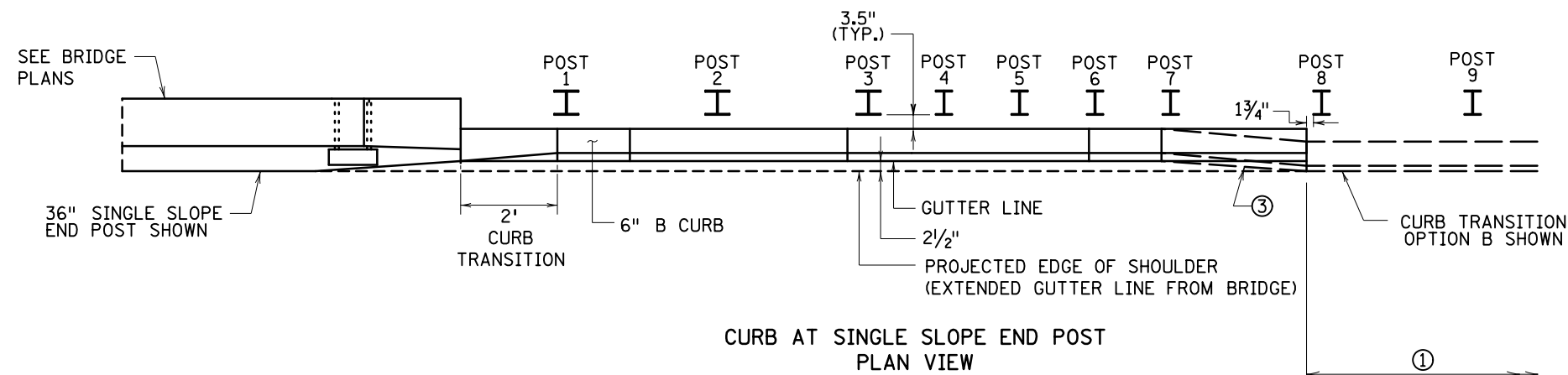
1 OF 3



STANDARD PLAN

STATE PROJ. NO.
 TRUNK HWY.

SHEET NO.
 TOTAL SHEETS



- NOTES:
- DESIGN B CURB REQUIRED WITH THIS SYSTEM.
 - DESIGN D CURB ALLOWED BEYOND THE 37' 6" DISTANCE FROM THE RAIL CONNECTION AT THE THRIE-BEAM ANCHORAGE PLATE.
 - REFER TO APPROACH PANEL PLANS FOR LOCATION OF E8 JOINT.
 - ① CURB TERMINATION NOT ALLOWED BETWEEN POST 8 AND THE 37' 6" DISTANCE FROM THE RAIL CONNECTION AT THE THRIE-BEAM ANCHORAGE PLATE. SEE SHEET 1 OF 3.
 - ② AT CURB CONTAINING E8 EXPANSION JOINT, PLACE BACK FACE OF GUARDRAIL AT THE GUTTER LINE.
 - ③ GUTTER LINE TAPERS 2 1/2" TO MATCH EXTENDED GUTTER LINE FROM BRIDGE.

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APPROACH GUARDRAIL TRANSITION (AGT) TYPE 31
 AT SINGLE SLOPE END POST
 CURB DETAILS

APPROVED: 07-05-2022
 REVISED:

Thomas Styrbicki
 THOMAS STYRBICKI
 STATE DESIGN ENGINEER

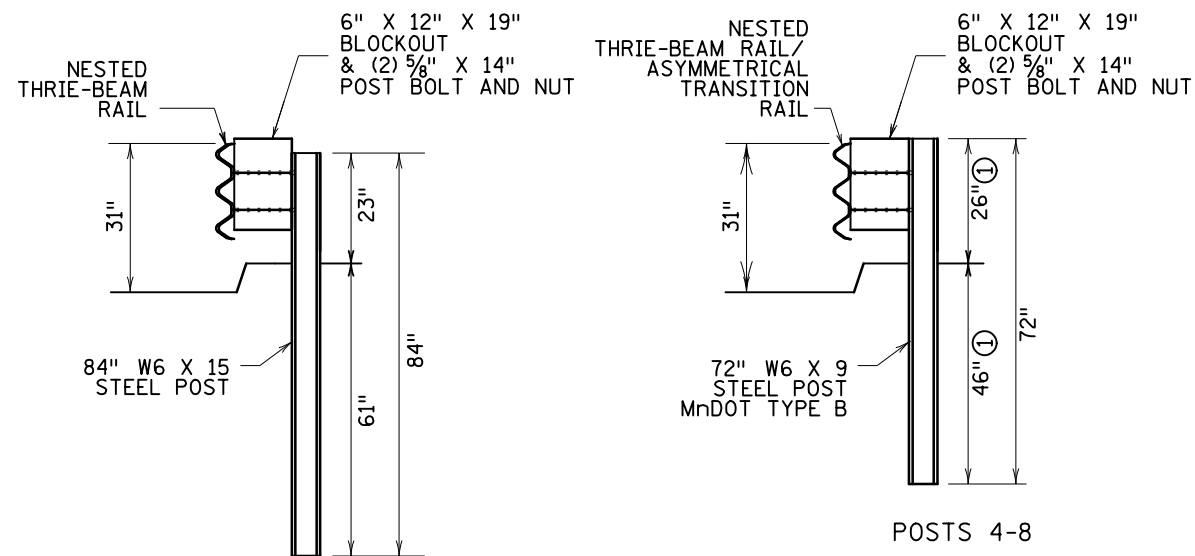
STANDARD PLAN
 5-297.694

2 OF 3

STANDARD PLAN

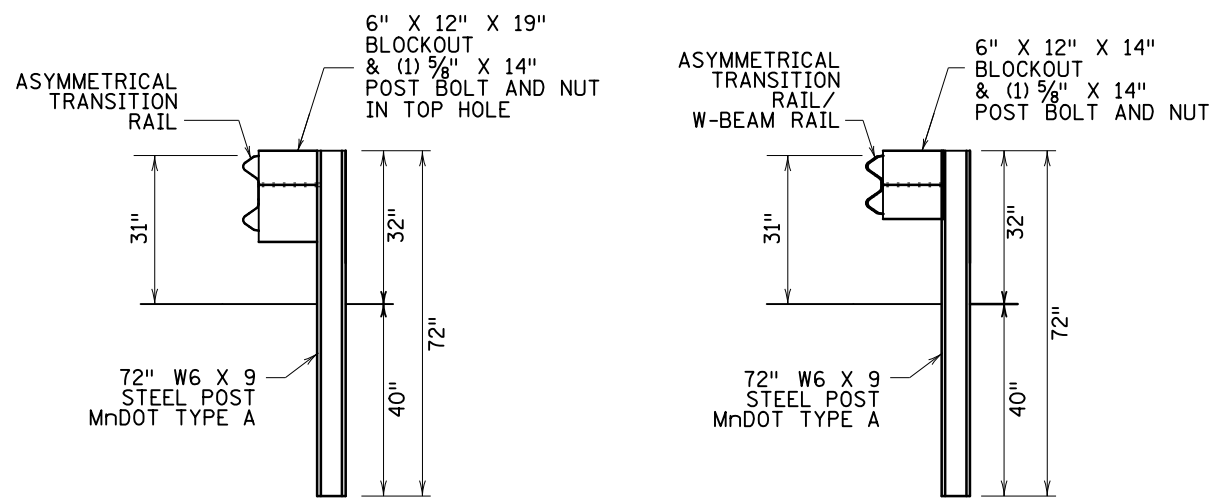
STATE PROJ. NO.
 TRUNK HWY.

SHEET NO.
 TOTAL SHEETS



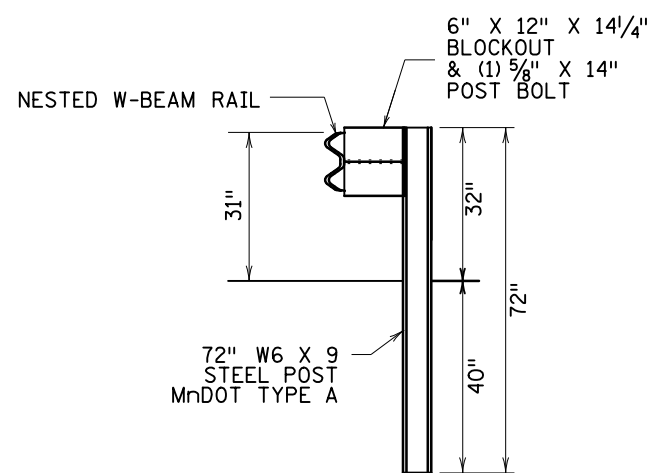
POSTS 1-3

POSTS 4-8



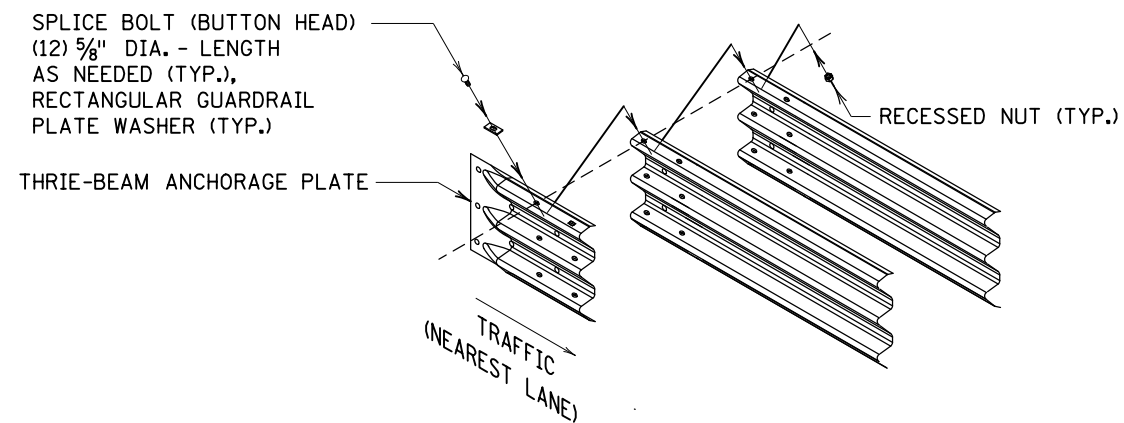
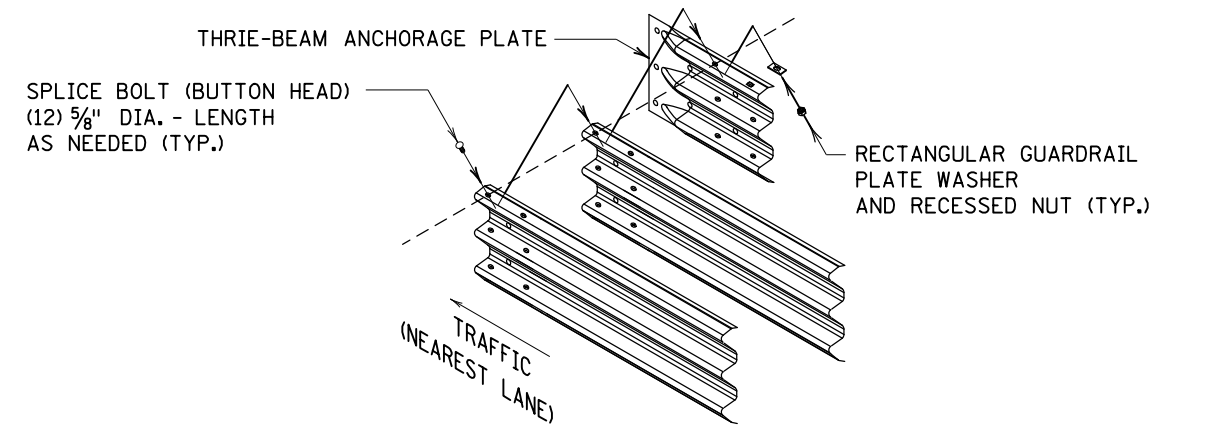
POST 9

POST 10

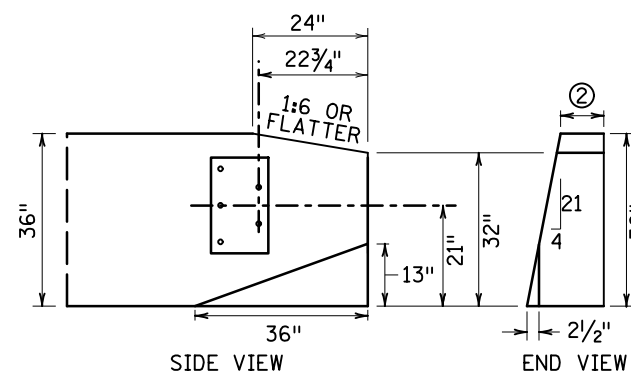


POSTS 11-12

AGT POST COMPONENTS

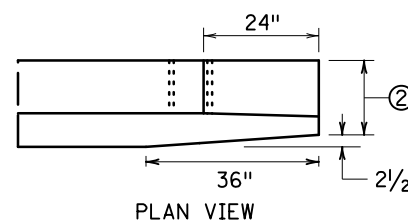


THRIE BEAM RAIL/ANCHORAGE PLATE SPLICE CONNECTION DETAIL ④



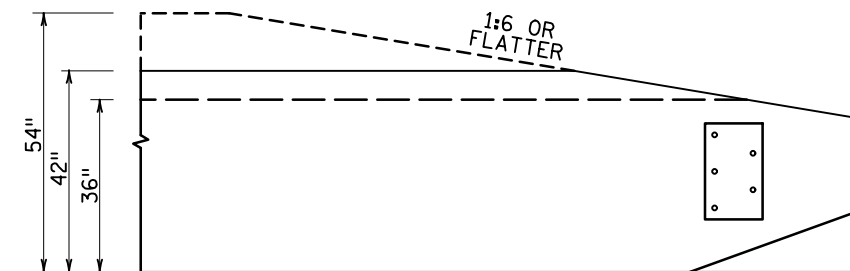
SIDE VIEW

END VIEW



PLAN VIEW

SINGLE SLOPE BARRIER ③
(36" HEIGHT SHOWN)



SINGLE SLOPE BARRIER HEIGHT OPTIONS

- NOTES:
 FOR GUARDRAIL STEEL POSTS, SEE STANDARD PLATE 8361.
 FOR GUARDRAIL BLOCKOUTS, SEE STANDARD PLATE 8369.
 GUARDRAIL BEAM AND HARDWARE IN ACCORDANCE WITH AASHTO SPEC. M 180.
- ① DIMENSIONS APPLICABLE FOR POSTS 4-5. DIMENSIONS VARY AT POSTS 4-6 WHERE CURB HEIGHT TRANSITIONS TO NO HEIGHT.
 - ② SEE BRIDGE PLAN.
 - ③ 36" HEIGHT SHOWN.
 - ④ DRILL THRIE-BEAM ANCHORAGE PLATE AS NEEDED FOR FIT, REPAIR GALVANIZED COATINGS IN ACCORDANCE WITH ASTM SPEC. A780.

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APPROACH GUARDRAIL TRANSITION (AGT) TYPE 31
 AT SINGLE SLOPE END POST
 MISCELLANEOUS AND COMPONENT DETAILS

APPROVED: 07-05-2022
 REVISED:

THOMAS STYRBICKI
 STATE DESIGN ENGINEER

STANDARD PLAN
 5-297.694

3 OF 3



STANDARD PLAN

STATE PROJ. NO.
 TRUNK HWY.

SHEET NO.
 TOTAL SHEETS