

CRT WOOD POST INSTALLATION

SHORT RADIUS GUARDRAIL TABLE					
RADIUS	TOTAL NUMBER OF CRT WOOD POSTS ③	NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS		PAY LIMIT LENGTH
			L	W	
8'	5	1 AT 12.5'	25'	15'	25'
16'	7	1 AT 25'	30'	15'	37.5'
24'	9	1 AT 25' AND 1 AT 12.5'	40'	20'	50'
32'	11	2 AT 25'	50'	20'	62.5'

- NOTES:**
- ALL RAIL AND RAIL HARDWARE PER AASHTO SPEC. M 180. SHOP BEND CURVED RAIL SECTIONS.
 - POST SPACING EQUALS 6' 3" UNLESS NOTED.
 - ① PLATE BEAM NOT BOLTED TO THE CENTER CRT POST ON 8' RADIUS.
 - ② AREA BEHIND GUARDRAIL (SHOWN BY HATCH) FREE OF FIXED OBJECTS. SEE TABLE FOR DIMENSIONS.
 - ③ CRT WOOD POST TYPE 2, SEE STANDARD PLATE 8368.
 - ④ GUARDRAIL TYPE 8307, SEE STANDARD PLATE 8307.

LEAD EXPERT OFFICE
 NANCY YOO
 DESIGN SUPPORT DIRECTOR
 OFFICE OF PROJECT MANAGEMENT & TECHNICAL SUPPORT



SHORT RADIUS GUARDRAIL AT INTERSECTIONS

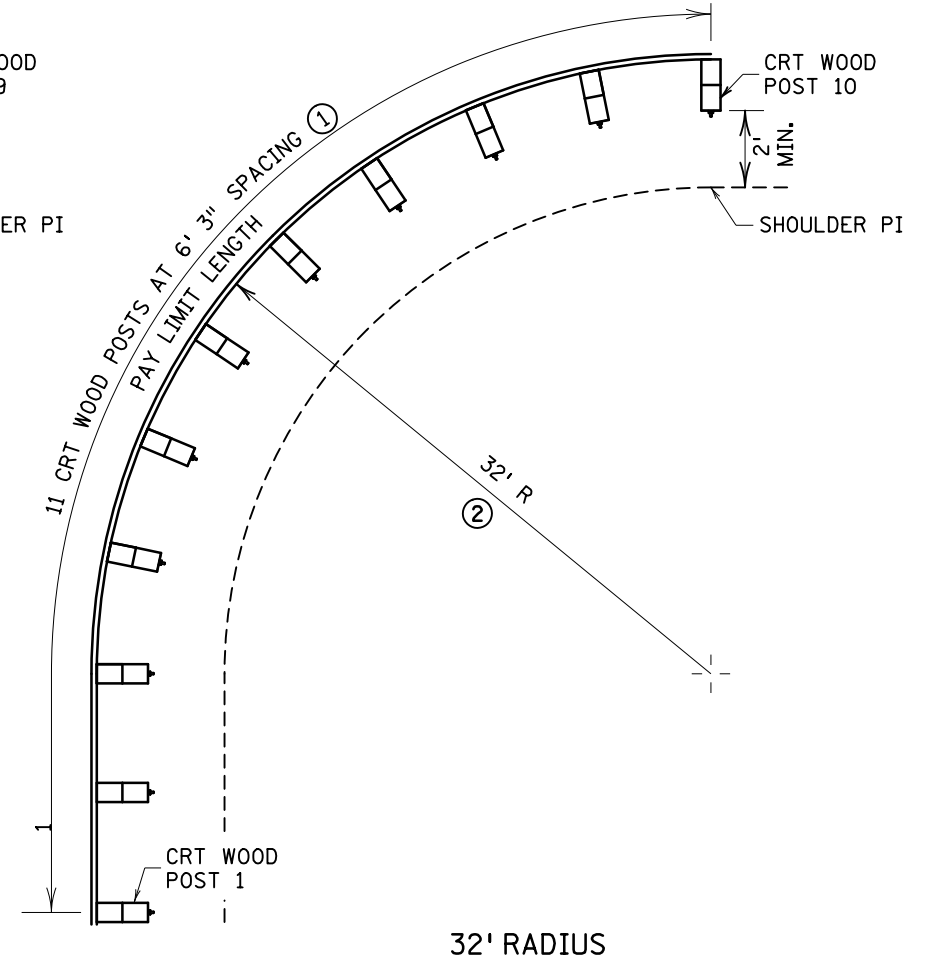
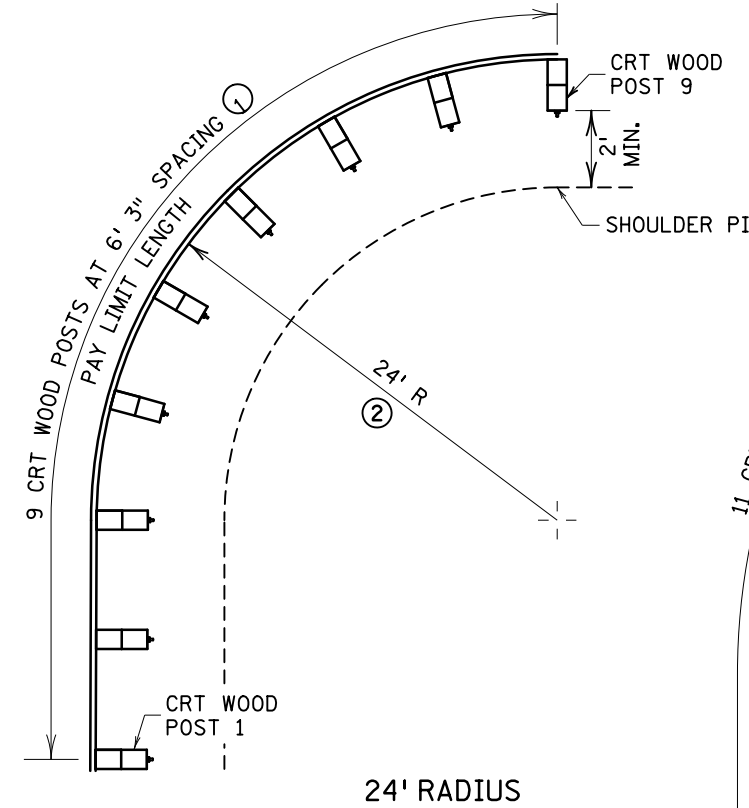
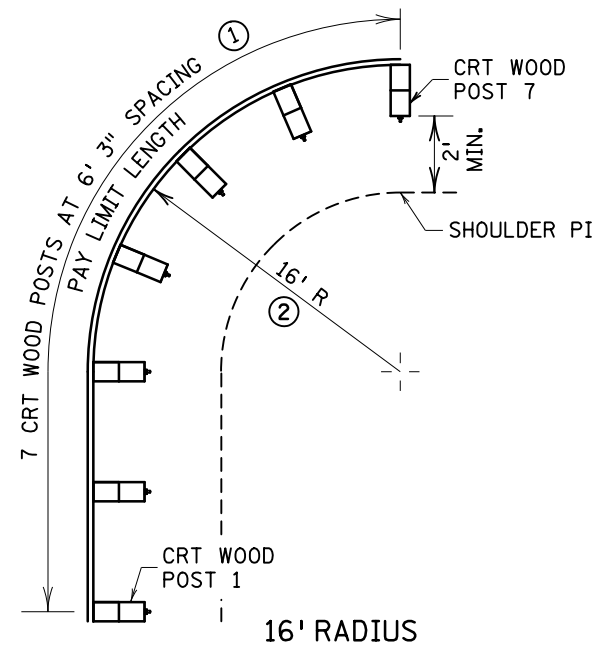
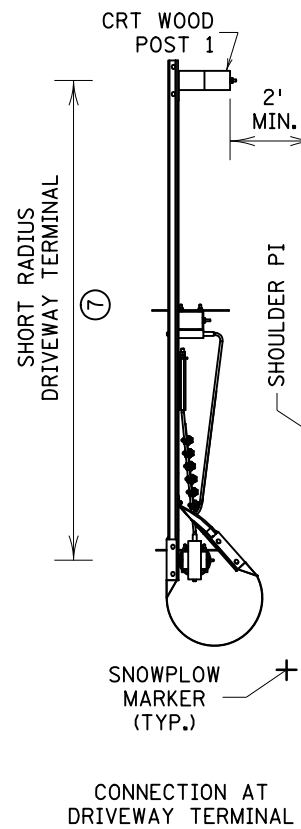
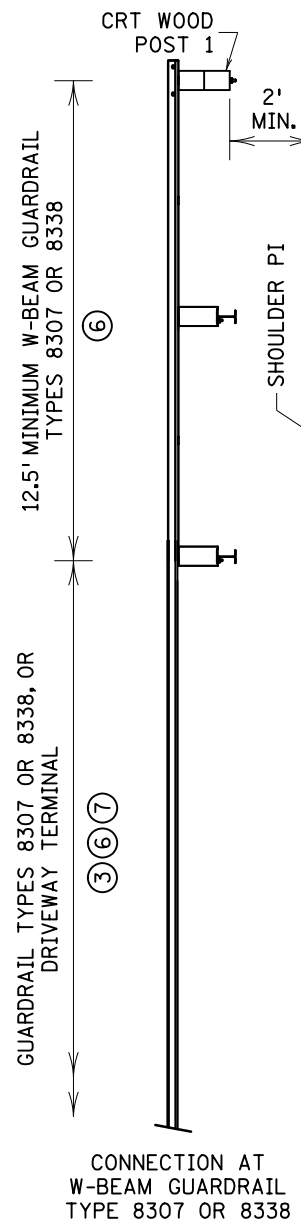
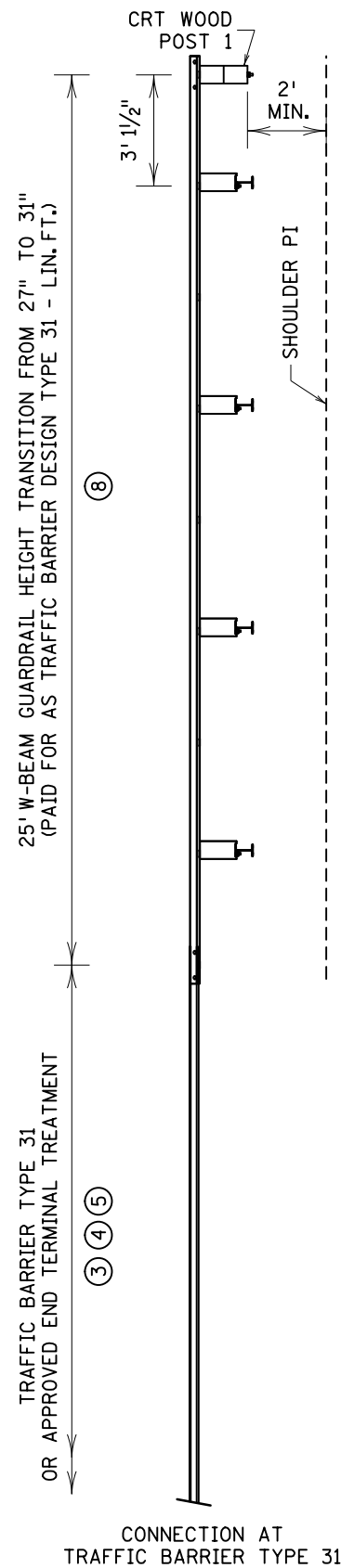
APPROVED: 02-09-2023
 REVISED:

THOMAS STYRBICKI
 STATE DESIGN ENGINEER

STANDARD PLAN
 5-297.697

STANDARD PLAN

STATE PROJ. NO. SHEET NO.
 TRUNK HWY. TOTAL SHEETS



NOTES:

- ALL RAIL AND RAIL HARDWARE IN ACCORDANCE WITH AASHTO SPEC. M 180.
- SHOP BEND CURVED RAIL SECTIONS.
- POST SPACING EQUALS 6' 3" UNLESS NOTED
- ① GUARDRAIL TYPE 8307, SEE STANDARD PLATE 8307.
- ② SEE SHEET 1 OF 2 FOR TABLE OF DIMENSIONS FOR CLEAR AREA FREE OF FIXED OBJECTS.
- ③ DETERMINE THE APPROPRIATE LENGTH OF NEED FOR EACH INSTALLATION.
- ④ SEE STANDARD PLAN 5-297.690.
- ⑤ TRAFFIC BARRIER TYPE 31 END ANCHOR IS ACCEPTABLE FOR DRIVEWAYS. SEE STANDARD PLAN 5-297.692.
- ⑥ SEE STANDARD PLATE 8307 OR 8338.
- ⑦ SEE STANDARD PLAN 5-297.616.
- ⑧ SEE STANDARD PLAN 5-297.601.

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 NANCY YOO
 DESIGN SUPPORT DIRECTOR
 OFFICE OF PROJECT MANAGEMENT & TECHNICAL SUPPORT

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APPROVED: 02-09-2023
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Tom Styrbicki
 THOMAS STYRBICKI
 STATE DESIGN ENGINEER

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2 OF 2



STANDARD PLAN

STATE PROJ. NO.
 TRUNK HWY.

SHEET NO.
 TOTAL SHEETS