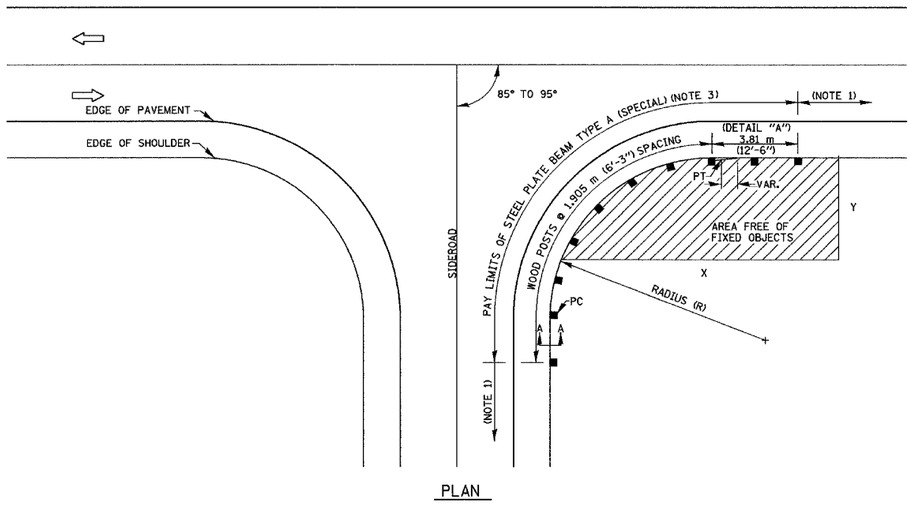
CONTRACT NO. 64939

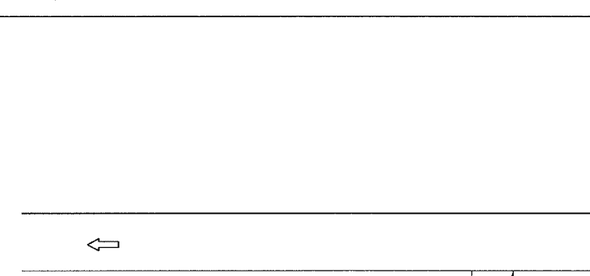
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	34A
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

*WHITESIDE & ROCK ISLAND

STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)



PLAN



SECTION A-A

DETAIL "A"

SEE STANDARD 631011
FOR DETAILS NOT SHOWN.

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
2.59 (8'-6")	5 (NOTE 2)	7.6 m (25')	4.6 (15')
5.18 (17'-0")	6	9.1 m (30')	4.6 (15')
7.77 (25'-6")	8	12.2 m (40')	6.1 (20')
10.67 (35'-0")	11	15.2 m (50')	6.1 (20')

NOTES:

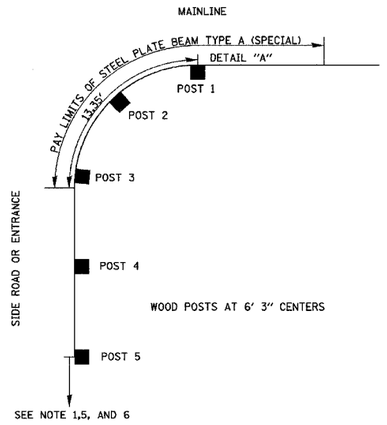
1. STEEL PLATE BEAM GUARDRAIL TYPE A, TYPE B, OR TRAFFIC BARRIER TERMINAL AS SPECIFIED.
2. FOR THE 2.59 m (8'-6") RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT OF THE CURVE.
3. STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL) MEASURED FOR PAYMENT IN METERS (FEET). THE LENGTH MEASURED WILL BE THE OVERALL LENGTH OF THE SINGLE RAIL ERECTED MEASURED ALONG THE TOP EDGE OF THE RAIL ELEMENTS TO THE LIMITS SHOWN ON THE PLANS.
4. BLOCK OUTS SHALL NOT BE USED WITHIN LIMITS OF THIS PAY ITEM.
5. SIDE ROAD GUARDRAIL MUST END WITH TRAFFIC BARRIER TERMINAL, ON PE, CE, FE USE TRAFFIC BARRIER TERMINAL TYPE 2.
6. ALL GUARDRAIL ON PE, CE, AND FE MUST BE WITHIN THE ROW.

GENERAL NOTES

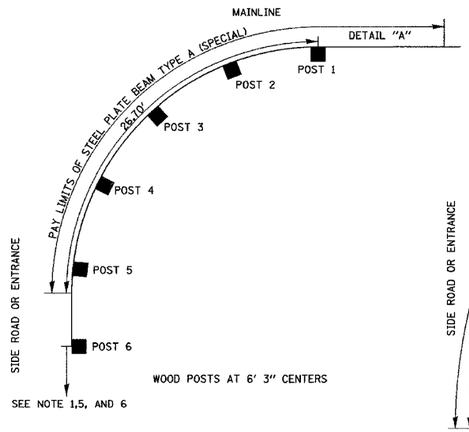
ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

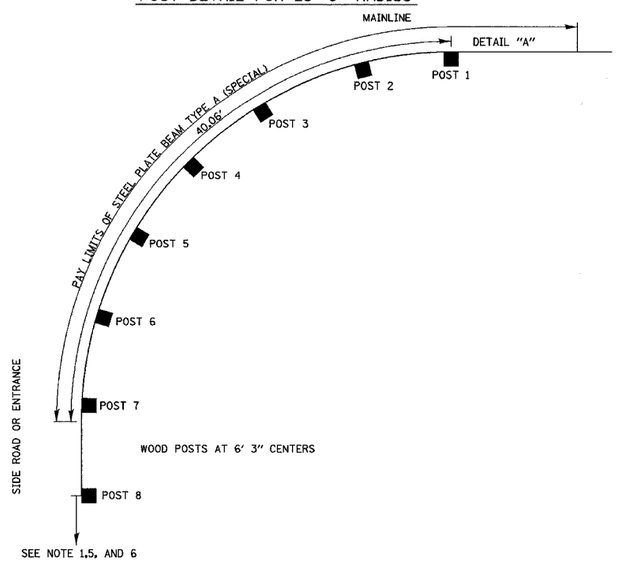
POST DETAIL FOR 8' 6" RADIUS



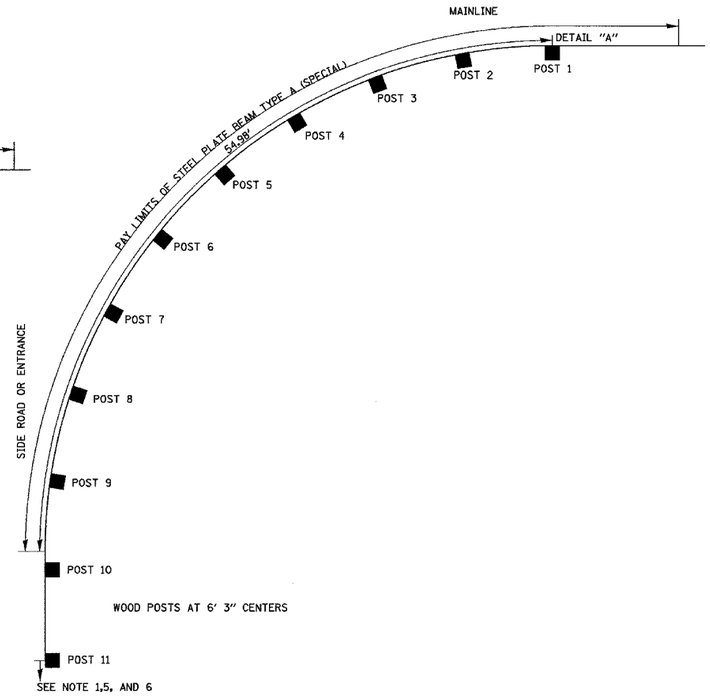
POST DETAIL FOR 17' 0" RADIUS



POST DETAIL FOR 25' 6" RADIUS



POST DETAIL FOR 35' 0" RADIUS



PLOT DATE = 10/07
FILE NAME = 203R03SPL
PLOT SCALE = NONE
REFERENCE = NONE