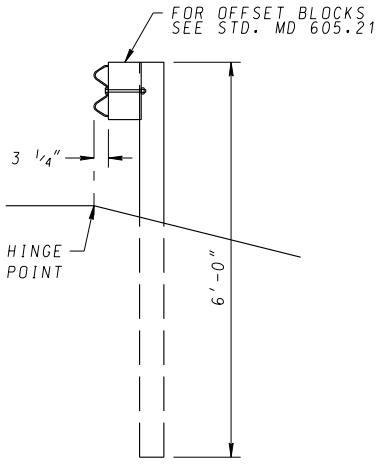
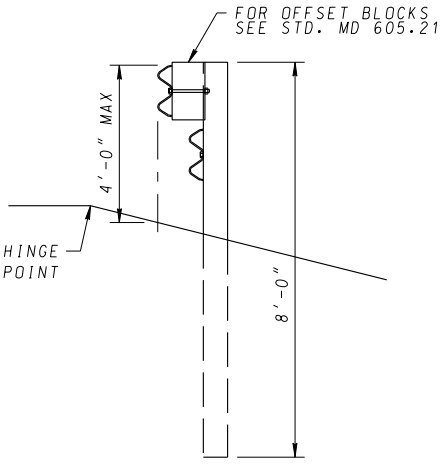


SECTION A–A

TYPICAL SECTION AT POST I.
FACE OF GUARDRAIL FLUSH WITH
SHOULDER HINGE POINT

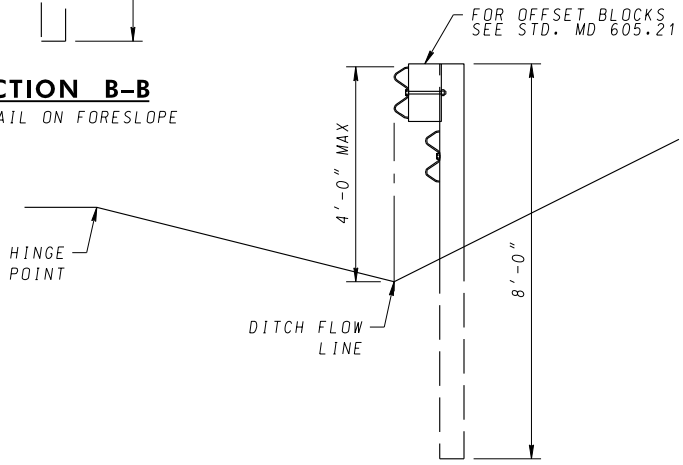


SECTION B–B

GUARDRAIL ON FORESLOPE

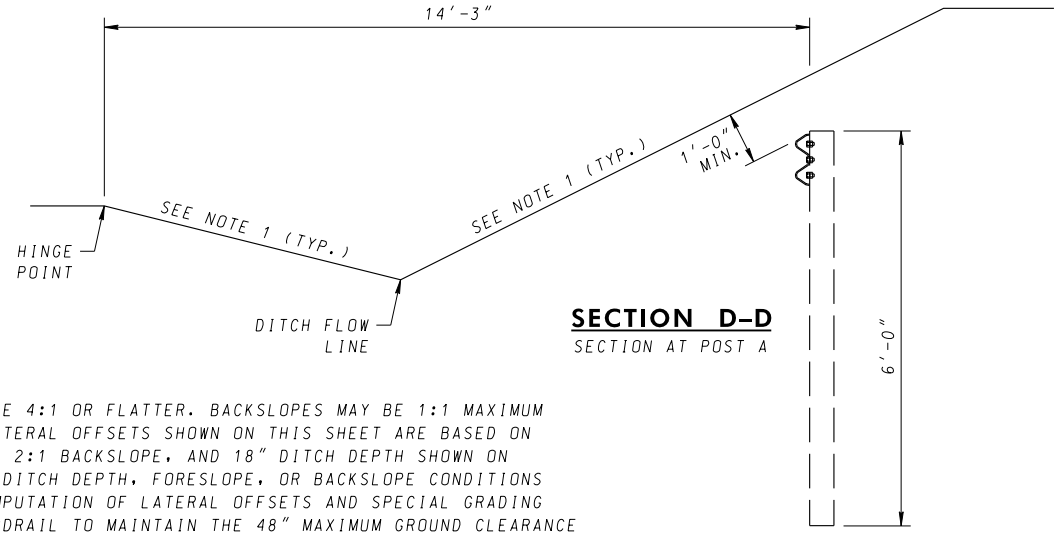
LATERAL OFFSET TABLE	
POST DESIGNATOR	OFFSET*
A	14'-3"
D	11'-2 1/4"
E	9'-1 1/2"
F	6'-0 1/4"
I	3 1/4"

*LATERAL OFFSET IS MEASURED FROM THE DITCH FLOW LINE TO THE BACK OF GUARDRAIL. THESE OFFSETS APPLY ONLY FOR THE FORESLOPE AND BACKSLOPE CONDITIONS SHOWN ON THIS SHEET. FOR OTHER FORESLOPE OR BACKSLOPE CONDITIONS, THESE OFFSETS NEED TO BE RECOMPUTED.



SECTION C–C

SECTION AT POST F
FACE OF GUARDRAIL ALIGNED
WITH CENTER OF DITCH



SECTION D–D

SECTION AT POST A

NOTE

1. FORESLOPES SHALL BE 4:1 OR FLATTER. BACKSLOPES MAY BE 1:1 MAXIMUM TO 3:1 MINIMUM. LATERAL OFFSETS SHOWN ON THIS SHEET ARE BASED ON THE 4:1 FORESLOPE, 2:1 BACKSLOPE, AND 18" DITCH DEPTH SHOWN ON THIS SHEET. OTHER DITCH DEPTH, FORESLOPE, OR BACKSLOPE CONDITIONS WILL REQUIRE RECOMPUTATION OF LATERAL OFFSETS AND SPECIAL GRADING OF THE TOP OF GUARDRAIL TO MAINTAIN THE 48" MAXIMUM GROUND CLEARANCE TO THE TOP OF GUARDRAIL AND 12" MINIMUM BURY AT POST A.

SPECIFICATION	CATEGORY CODE ITEMS
605	

APPROVED _____
DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT

APPROVAL SHA REVISIONS		APPROVAL FEDERAL HIGHWAY ADMINISTRATION	
APPROVAL	11-10-99	APPROVAL	7-2-99
REVISED	9-20-19	REVISED	8-15-19
REVISED	3-31-20	REVISED	3-30-20
REVISED	4-9-25	REVISED	4-3-25

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

TRAFFIC BARRIER W-BEAM BURIED-IN-BACKSLOPE END TREATMENT (TYPE A) WITH BOTTOM RAIL

STANDARD NO. MD 605.01-01