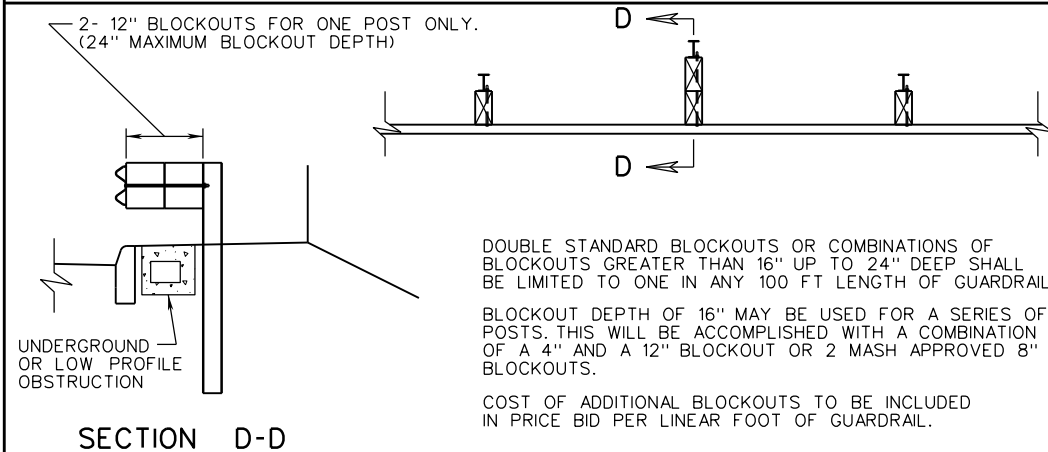
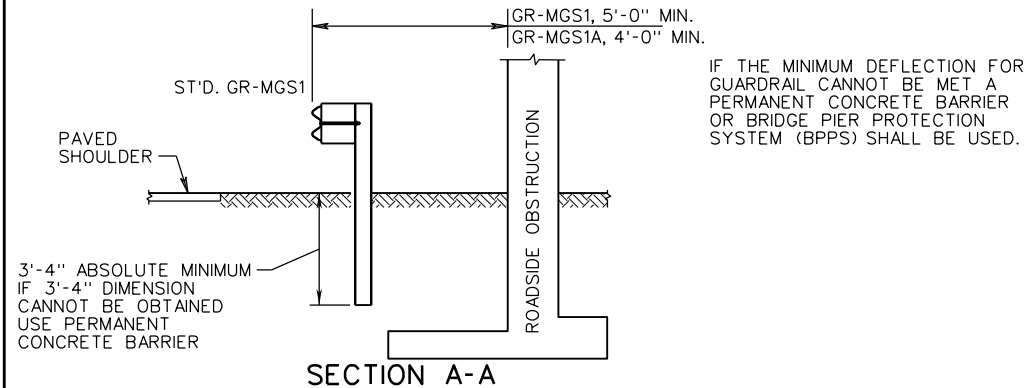


*FOR TWO WAY TRAFFIC, USE 8 POST SPACING DESIGN FROM EACH END OF FIXED OBJECT.

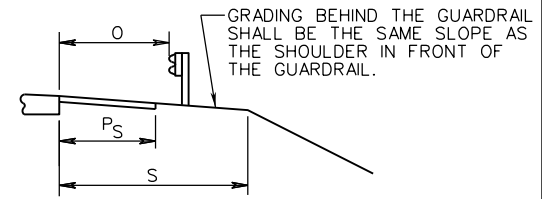


DETAIL OF MULTIPLE BLOCK-OUT TO AVOID UNDERGROUND OR LOW PROFILE OBSTRUCTION

DOUBLE STANDARD BLOCKOUTS OR COMBINATIONS OF BLOCKOUTS GREATER THAN 16" UP TO 24" DEEP SHALL BE LIMITED TO ONE IN ANY 100 FT LENGTH OF GUARDRAIL.

BLOCKOUT DEPTH OF 16" MAY BE USED FOR A SERIES OF POSTS. THIS WILL BE ACCOMPLISHED WITH A COMBINATION OF A 4" AND A 12" BLOCKOUT OR 2 MASH APPROVED 8" BLOCKOUTS.

COST OF ADDITIONAL BLOCKOUTS TO BE INCLUDED IN PRICE BID PER LINEAR FOOT OF GUARDRAIL.



NOTE:
PAVED SHOULDER WIDTHS SHOWN ARE MINIMUM. THE PAVED SHOULDER MAY BE EXTENDED TO THE FACE OF THE RAIL. THE PAVED WIDTH USED SHALL BE IN ACCORDANCE WITH THE ROADWAY CLASSIFICATION AS DEFINED IN THE ROAD DESIGN MANUAL.

SEE STANDARD MC-4 FOR PAVING UNDER GUARDRAIL.

TABLE I

NORMAL GUARDRAIL LOCATION-THROUGH TRAFFIC LANES LEFT OF TRAFFIC

TOTAL SHOULDER WIDTH (S) (PAVED & GRADED)	PAVED SHOULDER WIDTH (P _S) (SEE NOTE)	OFFSET FROM EDGE OF TRAVELED WAY TO FACE OF GUARDRAIL (O)
18'	12'	14'
16'	4' or 10'	12'
14'	4' or 8'	10'
12'	3', 4', 5', or 6'	8'
10'	3' or 4'	6'
9'	3' or 4'	5'
8'	0 or 2'	4'
6'	0	2'

TABLE II

NORMAL GUARDRAIL LOCATION-THROUGH TRAFFIC LANES RIGHT OF TRAFFIC

TOTAL SHOULDER WIDTH (S) (PAVED & GRADED)	PAVED SHOULDER WIDTH (P _S) (SEE NOTE)	OFFSET FROM EDGE OF TRAVELED WAY TO FACE OF GUARDRAIL (O)
18'	12'	14'
16'	6' or 10'	12'
14'	8'	10'
12'	4', 5', or 6'	8'
10'	0 or 4'	6'
9'	0 or 4'	5'
8'	0 or 2'	4'
6'	0	2'

NORMAL GUARDRAIL LOCATION

VDOT
ROAD AND BRIDGE STANDARDS

SHEET 2 OF 4
507.02

REVISION DATE
NEW 02/17

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.
MGS W-BEAM GUARDRAIL INSTALLATION CRITERIA

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE

221
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