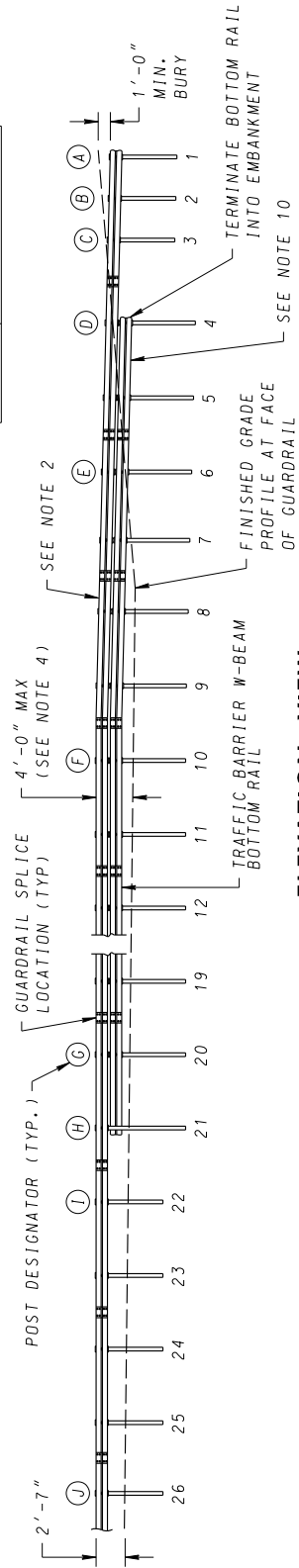


PLAN VIEW



ELEVATION VIEW

NOTES

- POSTS D THROUGH H SHALL BE 8' LONG. POSTS A THROUGH C SHALL BE 6' LONG.
- TAPER RAIL HEIGHT 16" STARTING AT POST F AND ENDING AT POST A TO ACHIEVE A MINIMUM OF 12" SOIL COVERAGE AT POST A.
- OFFSET BLOCKS ARE NOT USED FOR THE TRAFFIC BARRIER W-BEAM BOTTOM RAIL.
- MAINTAIN HEIGHT OF TOP RAIL ON THE FRONT SLOPE RELATIVE TO EDGE OF SHOULDER UNTIL A MAXIMUM HEIGHT OF 48" ABOVE GROUND IS REACHED.
- THE SLOPE BACK FILL MATERIAL SHALL BE COMPACTED FIRMLY TO THE ESTABLISHED SLOPE AND STABILIZED AS DIRECTED BY THE ENGINEER.
- LOW SPEED INSTALLATIONS REQUIRE 50 FEET (MINIMUM) LON.
- TOP RAIL AND POSTS PAID FOR PER LINEAR FOOT OF "TRAFFIC BARRIER W-BEAM USING 8' POST" (FROM POST H TO POST D), BOTTOM RAIL PAID FOR PER LINEAR FOOT OF "TRAFFIC BARRIER W-BEAM PANEL (FROM POST H TO POST D)". THE BURIED-IN-BACKSLOPE END TREATMENT (INCLUDING POSTS A-C AND 9'-4 1/2" RAIL SECTION) PAID FOR PER EACH.
- EXTEND THE "TRAFFIC BARRIER W-BEAM USING 6' POSTS" AT A 13:1 OR FLATTER FLARE RATE FROM POST I TO POST J, WHERE THE TRAFFIC BARRIER W-BEAM RUN IS PARALLEL TO THE SHOULDER. FIELD BEND THE TRAFFIC BARRIER W-BEAM RAIL ELEMENT TO TRANSITION FROM THE 13:1 FLARE TO PARALLEL TO THE SHOULDER AT POST J.
- PROVIDE A 20' x 75' OBJECT FREE AREA WHEN BACKSLOPES ARE FLATTER THAN 2:1.
- THE BOTTOM RAIL MAY BE OMITTED WHEN THE DISTANCE BETWEEN THE GROUND AND THE BOTTOM OF THE UPPER RAIL IS LESS THAN 18 INCHES AND THE SLOPE BETWEEN THE EDGE OF ROAD AND RAIL IS 10:1 OR FLATTER.

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|--------------------|--|--------------------------------|
| SPECIFICATION | CATEGORY CODE ITEMS | |
| 605 | | |
| APPROVED | <i>[Signature]</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT | |
| APPROVAL REVISIONS | SHA | 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 |

MDOT 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