Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

TRAFFIC BARRIER THRIE BEAM ANCHORAGE AT F SHAPE CONCRETE TRAFFIC BARRIER SINGLE FACE TERMINAL END

STANDARD NO. MD 605.49

SPECIFICATION 605

CATEGORY CODE ITEMS

APPROVED

DIRECTOR – OFFICE OF HIGHWAY DEVELOPMENT

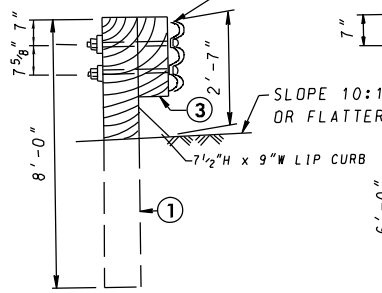
APPROVAL • SHA REVISIONS

APPROVAL • FEDERAL HIGHWAY ADMINISTRATION

APPROVAL	2-10-04	APPROVAL	3-31-04
REVISED	8-16-12	REVISED	8-13-12
REVISED		REVISED	
REVISED		REVISED	

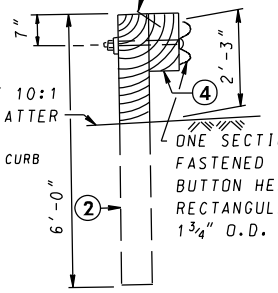
State Highway Administration

TWO SECTIONS OF THRIE BEAM FASTENED W/TWO 5/8" Ø GALV. BUTTON HEAD BOLTS, RECTANGULAR WASHERS, 1 3/4" O.D. WASHERS & NUTS.



SECTION A–A

SECURE BLOCK FROM ROTATION WITH 10d GALVANIZED NAIL



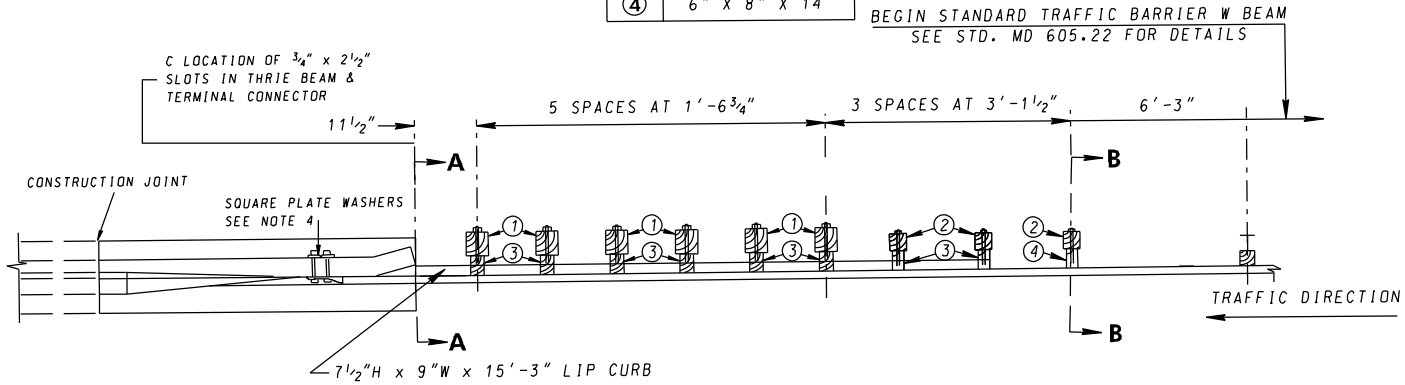
ONE SECTION OF W BEAM FASTENED W/5/8" Ø GALV. BUTTON HEAD BOLT, RECTANGULAR WASHER, 1 3/4" O.D. WASHER & NUT

SECTION B–B

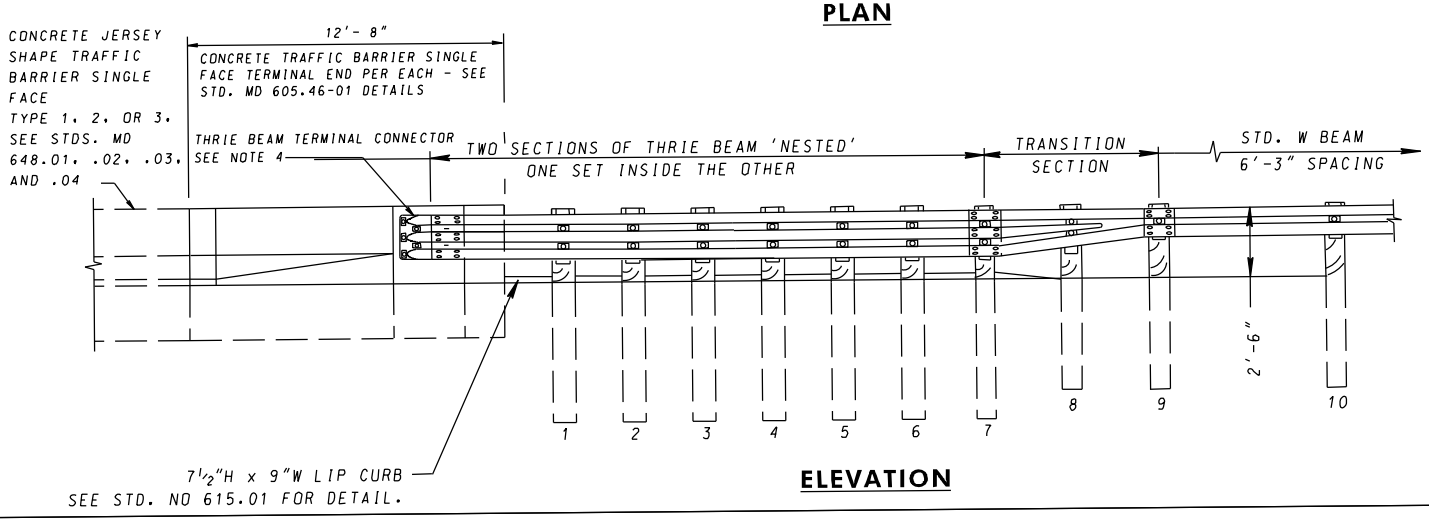
NOTES

1. THRIE BEAM TERMINAL CONNECTOR, THRIE BEAM SECTIONS AND W BEAM SECTIONS SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC.
2. THE WOOD POSTS AND BLOCKS SHALL HAVE A STRESS GRADE OF 1200 PSI OR MORE.
3. RECTANGULAR WASHERS SHALL BE USED AT THE THRIE BEAM TERMINAL CONNECTOR.
4. SEE STD. MD 605.51-01 FOR DETAILS OF THRIE BEAM, SPLICE, TERMINAL CONNECTOR, TRANSITION SECTIONS, SQUARE PLATE AND RECTANGULAR WASHERS.
5. THE 12'- 8" CONCRETE SINGLE FACE END IS PAID FOR PER EACH FOR JERSEY SHAPE TO VERTICAL CONCRETE TRAFFIC BARRIER SINGLE FACE TERMINAL END.

WOOD POST & BLOCK DIMENSIONS	
1	10" X 10" X 8'-0"
2	8" X 8" X 6'-0"
3	6" X 8" X 22 1/2"
4	6" X 8" X 14"



PLAN



ELEVATION