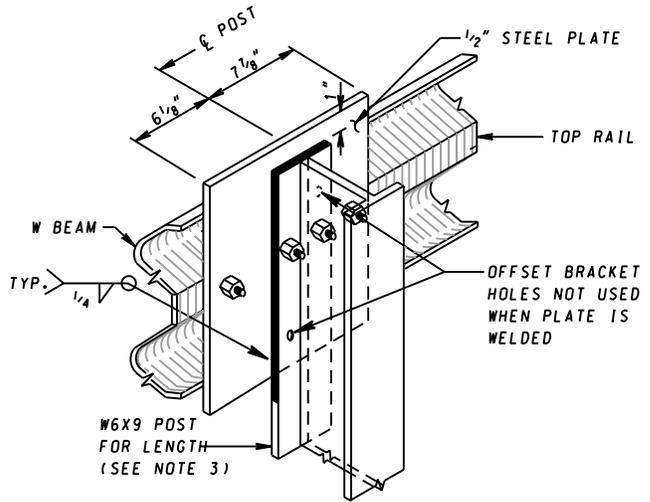


FOUR (4) 1" x 1 3/4" SLOTS

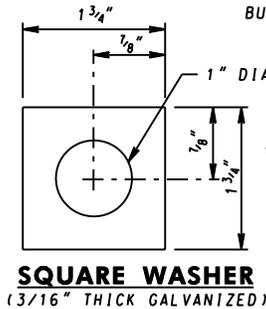
THESE FOUR (4) 1 3/16" DIA. HOLES ARE NEEDED ONLY IF PLATE IS BOLTED TO POST

**1/2" STEEL PLATE**

(GALVANIZED)  
WELDED OR BOLTED TO THE LAST TWO (2) POSTS BURIED IN BACK SLOPE

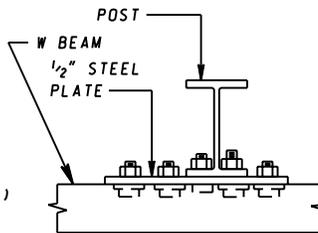


**1/2" STEEL PLATE ATTACHED TO POSTS ① & ②**



**SQUARE WASHER**  
(3/16" THICK GALVANIZED)

THREE (3) 1" DIA. HOLES TO BE FIELD DRILLED IN W BEAM ELEMENT AND ATTACHED WITH 5/8" DIA. HEX. HEAD BOLTS 1 1/2" LONG EACH WITH ONE SQUARE WASHER AND HEX NUT



**PLAN VIEW**  
(BOLTED)

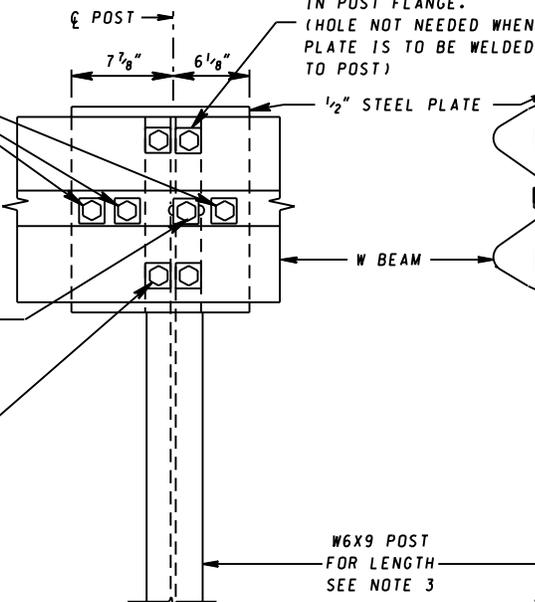
**NOTES**

1. THE 1/2" STEEL PLATE SHALL CONFORM TO THE REQUIREMENTS OF A-36. THE PLATE MAY BE WELDED OR BOLTED TO THE TWO (2) POSTS BURIED IN THE CUT SLOPE.
2. FIELD DRILLED HOLES AND WELDED AREAS SHALL BE COATED WITH ZINC RICH PAINT.
3. SINGLE OR DOUBLE RAIL POSTS ① AND ② LENGTH 4'-0" POST ③ LENGTH 8'-0" WHEN DOUBLE RAIL IS USED. FOR SINGLE RAIL POST ③ LENGTH 6'-0"
4. A STEEL PLATE SHALL BE USED ON POST ③ WHEN THE DOUBLE RAIL SYSTEM IS USED.

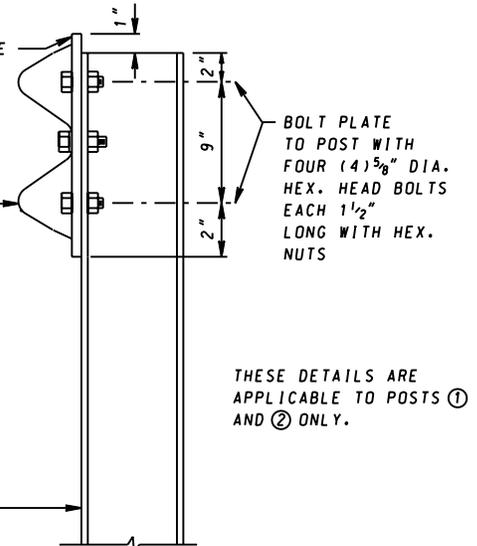
DRILL EXTRA HOLE IN POST FLANGE. (HOLE NOT NEEDED WHEN PLATE IS TO BE WELDED TO POST)

1" DIA. HOLE TO BE FIELD DRILLED THROUGH W BEAM AND THROUGH POST FLANGE. ATTACH W BEAM WITH 5/8" HEX. HEAD BOLT 2" LONG WITH ONE SQUARE WASHER AND HEX NUT

DRILL EXTRA 1 3/16" DIA. HOLE IN POST FLANGE. (HOLE NOT NEEDED WHEN PLATE IS TO BE WELDED TO POST)



**FRONT VIEW**



**END VIEW**

THESE DETAILS ARE APPLICABLE TO POSTS ① AND ② ONLY.

**1/2" STEEL PLATE BOLTED TO POSTS ① & ②**

SPECIFICATION 605

APPROVED *Kirk G. McCall*  
DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT

	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 4-6-88	APPROVAL 4-22-90
	REVISED 9-30-04	REVISED 3-31-04
	REVISED	REVISED

**Maryland Department of Transportation**  
**STATE HIGHWAY ADMINISTRATION**  
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES  
**TRAFFIC BARRIER W BEAM WITH**  
**TYPE A END ANCHORAGE**  
**(OPTION 1)**

**STANDARD NO. MD 605.01-02**