



~ NOTES ~

- BID ITEM AND UNIT TO BID
GUARDRAIL END TREATMENT TYPE 7 EACH
7. GUARDRAIL END TREATMENT TYPE 7 SHALL BE TO THE PAY LIMITS AS DETAILED AND THE CONTRACT UNIT PRICE EACH SHALL INCLUDE TERMINAL SECTION NO. 2, STEEL "W" BEAM GUARDRAIL (SINGLE FACE), GUARDRAIL POSTS MI, STEEL ANCHOR PLATE AND POST, SOIL PLATE, TAB PLATES, EXCAVATION, LABOR, HARDWARE AND ALL INCIDENTALS NECESSARY FOR THE INSTALLATION.
8. SPLICE BOLTS AT TERMINAL SECTION NO. 2 SHALL BE LOOSELY TIGHTENED AND CENTERED TO ALLOW MAXIMUM MOVEMENT DUE TO EXPANSION. ONE (1) 1/16" ROUND WASHER AND (1) RECTANGULAR PLATE WASHER REQUIRED FOR EACH SPLICE BOLT, AT TERMINAL SECTION NO. 2.
- ⑨ THE DESIREABLE OFFSET DISTANCE FROM THE NORMAL GUARDRAIL LINE SHALL BE 4'-0". THE MINIMUM OFFSET DISTANCE FROM THE NORMAL GUARDRAIL LINE IS ZERO FEET.
10. SEE CUR. STD. DWG. [RBR-001](#), [RBR-005](#), [RBR-010](#) AND [RBR-015](#) FOR APPLICABLE DETAILS AND SPECIFICATIONS.
11. LEAVE CLEARNACE IN BETWEEN TAB PLATES FOR GALVANIZED W6 x 15 W-BEAM POST.

BILL OF MATERIAL		
NO.	QTY.	DESCRIPTION
①	1	W6x15 W-BEAM
②	1	2' x 1' x 1/2" ANCHOR PLATE ASSEMBLY
③	2	4" x 5" x 1/2" TAB PLATE
④	2	3/4" DIA. x 2 1/2" HEAVY HEX HD BOLT w/NUT & (2) FLAT WASHERS
⑤	1	2' x 18" x 1/4" SOIL PLATE
⑥	2	3/4" DIA. x 2" HEAVY HEX HD BOLT w/NUT & (2) FLAT WASHERS

USE WITH CUR. STD. DWG.
[RBR-001](#), [RBR-005](#), [RBR-010](#)
[RBR-015](#), [RBR-050](#)

KENTUCKY
DEPARTMENT OF HIGHWAYS

**GUARDRAIL END
TREATMENT TYPE 7
ALTERNATE ANCHOR**

STANDARD DRAWING NO. [RBR-051](#)

SUBMITTED *William P. Galt* DATE 12-01-15
DIRECTOR, DIVISION OF DESIGN

APPROVED *[Signature]* DATE 12-01-15
STATE HIGHWAY ENGINEER