



~ NOTES ~

- BID ITEM AND UNIT TO BID
 GUARDRAIL END TREATMENT TYPE 7 EACH
- 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 M1, STEEL ANCHOR PLATE AND POST, SOIL PLATE, TAB PLATES, EXCAVATION, LABOR, HARDWARE AND ALL INCIDENTALS NECESSARY FOR THE INSTALLATION.
 - 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.
 - 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.
 - SEE CUR. STD. DWG. RBR-001 , RBR-005 , RBR-010 AND RBR-015 FOR APPLICABLE DETAILS AND SPECIFICATIONS.
 - LEAVE CLEARANCE 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-051-01
 SUBMITTED *[Signature]* DATE 02-26-20
 APPROVED *[Signature]* DATE 02-26-20
 ENGINEER