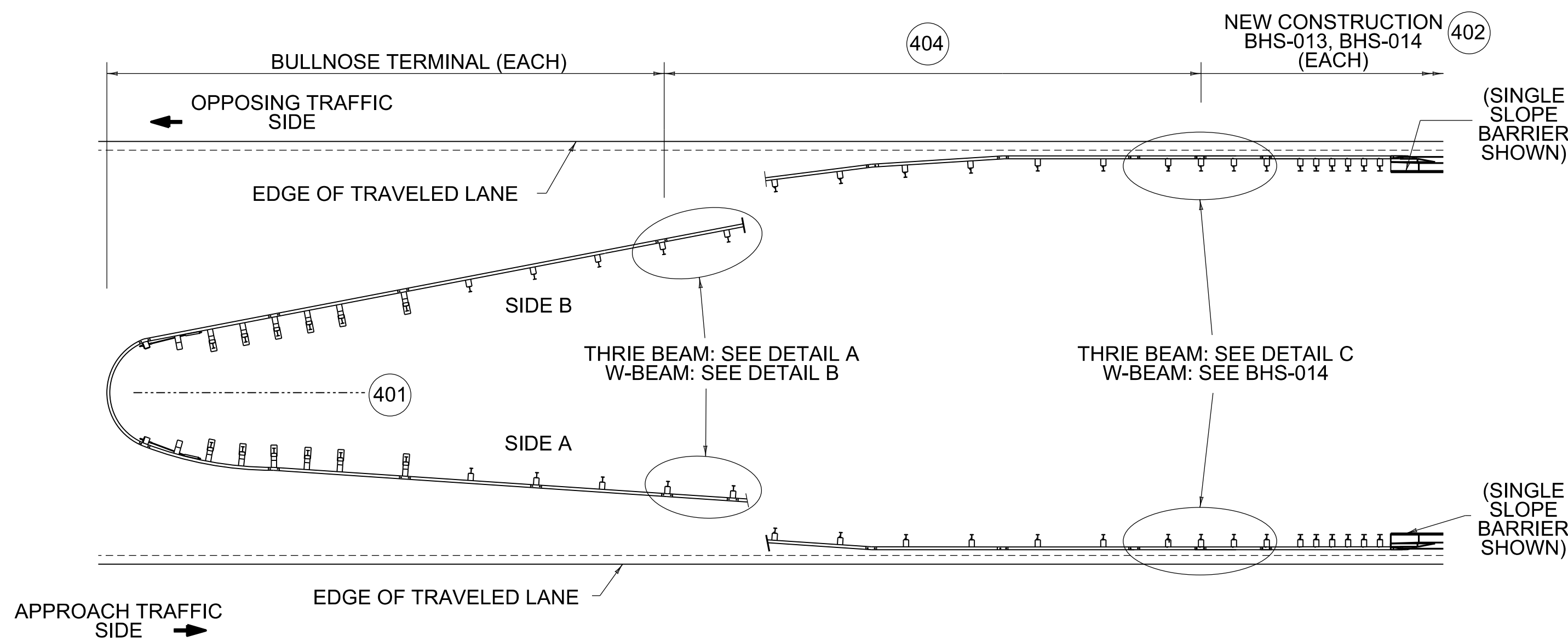


SYMMETRICAL BULLNOSE



ASYMMETRICAL BULLNOSE

~ NOTES ~

400 SEE SHEET 5 FOR MEDIAN GRADING

401 SYMMETRY LINE OF SLOTTED THRIE-BEAM RAIL E1.

402 FOR MAINTENANCE ONLY USE RBC-004, RBC-005, RBC-006

403 FIXED OBJECT

MODIFIED THRIE-BEAM (BULLNOSE) MINIMUM WORKING WIDTH 4' - 6"  
GUARDRAIL-STEEL W BEAM-S FACE MINIMUM WORKING WIDTH 5' - 0"

404 BEYOND POST 12, EITHER MODIFIED THRIE-BEAM (BULLNOSE) OR  
W-BEAM GUARDRAIL MAY BE CONSTRUCTED. BOTH OPTIONS ARE  
PAID PER LINEAR FOOT. INDICATE THE SELECTED TYPE IN THE  
ROADWAY PLANS.

405 SEE SHEET 7 FOR POST, RAIL, AND BLOCKOUT DETAILS.

406 CONTRARY TO BHS-013 AND BHS-014, IF MODIFIED THRIE-BEAM (BULLNOSE)  
IS USED TO CONNECT TO A THRIE-BEAM GUARDRAIL TRANSITION (BHS-013 OR  
BHS-014), THE ASYMMETRICAL THRIE BEAM TO W BEAM CONNECTOR PIECE IS  
REPLACED WITH A 12' - 6" LONG THRIE-BEAM RAIL WITH POST SPACING AS  
SHOWN IN DETAIL C. 6" X 8" X 18" BLOCKOUTS (SEE BHS-013 AND BHS-014  
FOR DETAILS) ARE TO BE USED IN THIS SECTION OF THRIE BEAM. BEYOND  
THIS, STANDARD BLOCKOUTS FOR GUARDRAIL THRIE BEAM (BULLNOSE) IS USED.

407 EXTEND STANDARD HEADER CURB OR STANDARD HEADER CURB AND GUTTER  
TO THE END OF THE SECOND THRIE-BEAM PIECE FROM THE BRIDGE END.  
TAPER DOWN TO 4" IN HEIGHT OVER THE LAST 3' - 1 1/2".

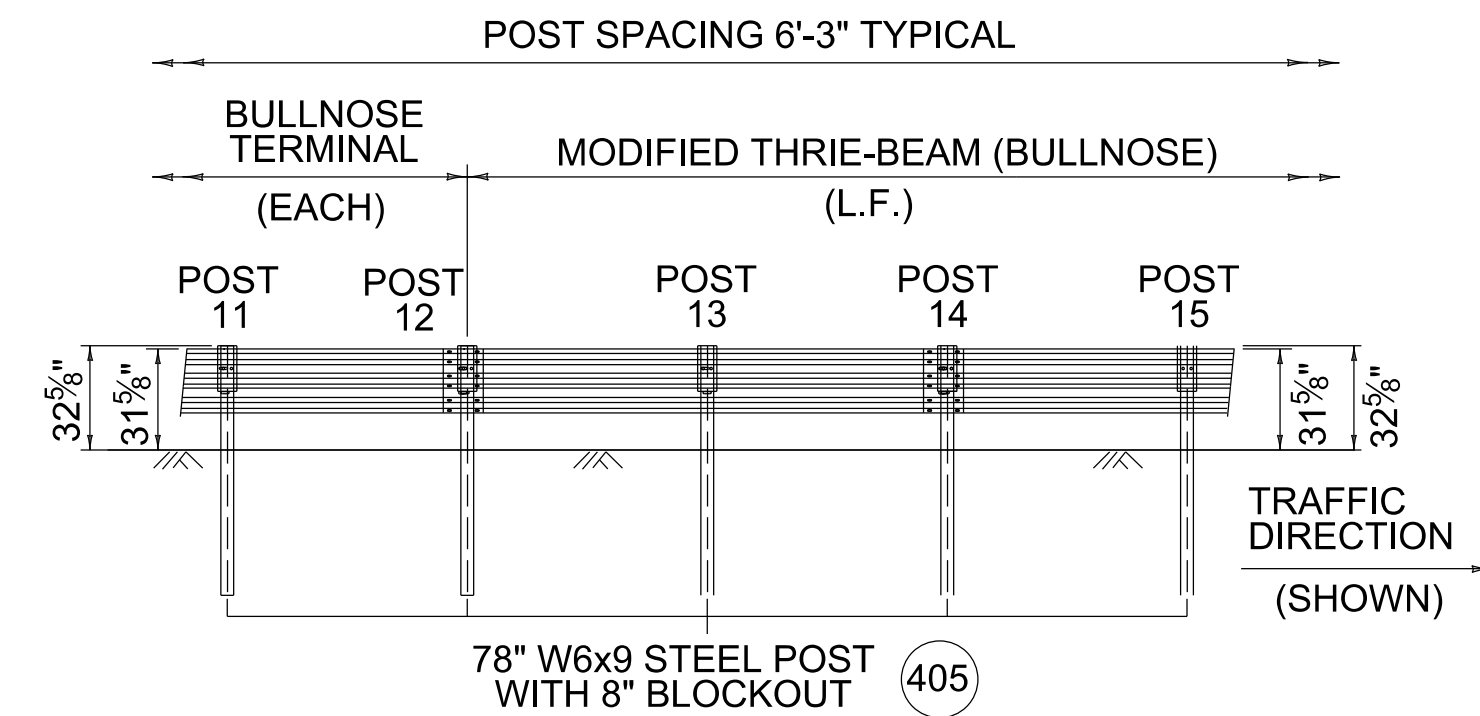
408 THRIE BEAM TO W BEAM CONNECTOR PAID AS EACH. USE 10 GAUGE STEEL.  
SEE HARDWARE GUIDE DRAWING RWT02 FOR ADDITIONAL DETAILS.

BID ITEM AND UNIT TO BID

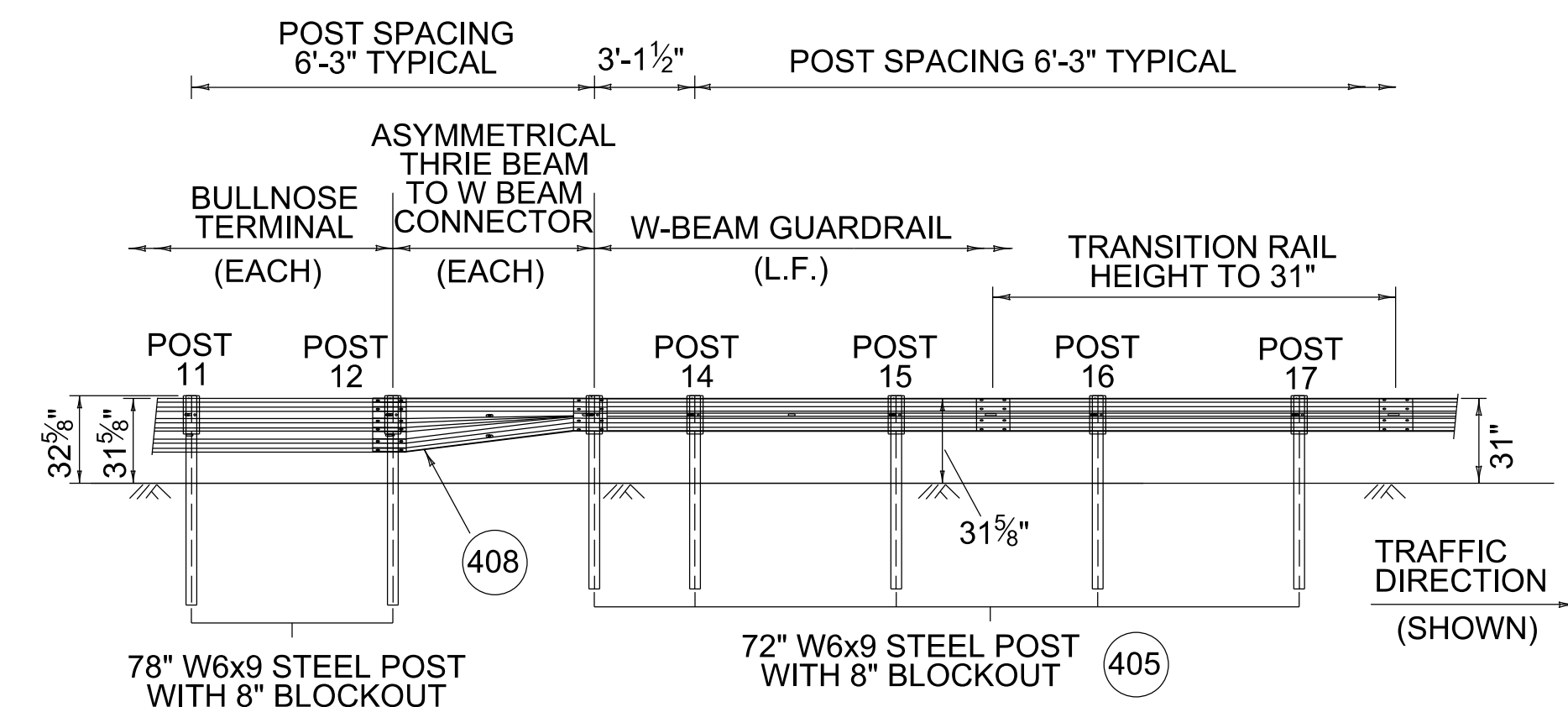
THRIE-BEAM BULLNOSE TERMINAL EACH

BID ITEMS AS APPLICABLE

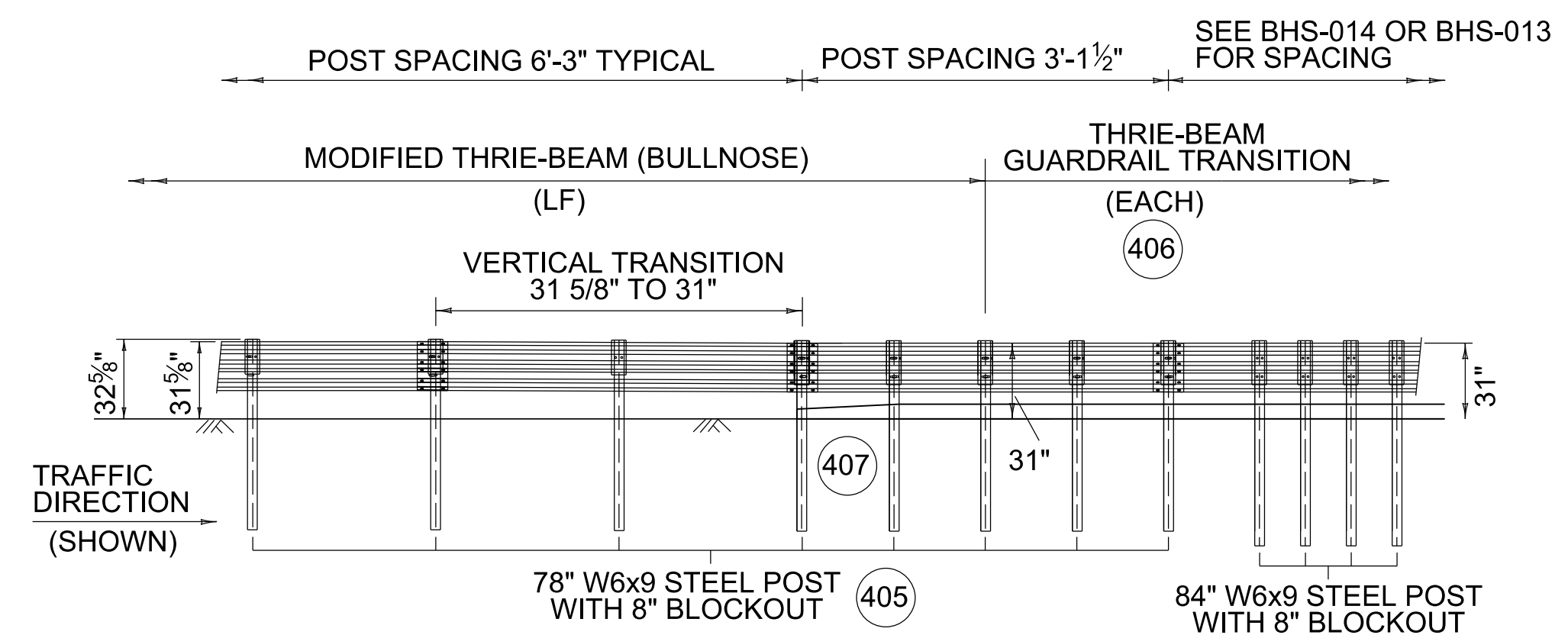
MODIFIED THRIE-BEAM (BULLNOSE) LF  
GUARDRAIL-STEEL W BEAM-S FACE LF  
THRIE BEAM TO W BEAM CONNECTOR EACH  
THRIE-BEAM GUARDRAIL TRANSITION TL-3 EACH  
THRIE-BEAM GUARDRAIL TRANSITION TL-2 EACH



DETAIL A  
BULLNOSE TERMINAL TRANSITION  
TO MODIFIED THRIE-BEAM (BULLNOSE)



DETAIL B  
BULLNOSE TERMINAL TRANSITION  
TO W-BEAM GUARDRAIL



DETAIL C  
MODIFIED THRIE-BEAM (BULLNOSE)  
TO THRIE-BEAM TRANSITION (BHS-014 SHOWN)



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS



STEEL THRIE-BEAM BULLNOSE TERMINAL

SHEET 004: BULLNOSE TRANSITIONS

STANDARD DRAWING NUMBER  
RBE-210

BARRIERS

REVISION DATE: 08/11/2025  
REVISION NUMBER: 0

SUBMITTED *W. L. Lujan* 08-11-2025  
DIVISION DIRECTOR DATE  
APPROVED *John Ballinger* 08-11-2025  
STATE HIGHWAY ENGINEER DATE