



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

March 7, 2013

CALL NO. 103
CONTRACT ID NO. 134100
ADDENDUM # 1

Subject: Knott County, HSIP 9010 011
Letting March 22, 2013

- (1) Revised - 2012 Standard Drawings - Page 39 of 72
- (2) Added - Drawing - Page 41(a) of 72

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

2012 STANDARD DRAWINGS THAT APPLY

ROADWAY ~ **BARRIERS** ~

GUARDRAIL CONNECTORS TO BRIDGE ENDS

GUARDRAIL CONNECTOR TO BRIDGE END TYPE D..... RBC-004-06

TYPICAL BARRIER INSTALLATIONS

TYPICAL GUARDRAIL INSTALLATIONS RBI-001-10
TYPICAL GUARDRAIL INSTALLATIONS RBI-002-06
INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1..... RBI-004-04

GUARDRAIL HARDWARE

GUARDRAIL COMPONENTS..... RBR-005-10
GUARDRAIL TERMINAL SECTIONS..... RBR-010-05
GUARDRAIL POSTS RBR-015-04
GUARDRAIL POSTS RBR-016-04
GUARDRAIL END TREATMENT TYPE 1..... RBR-020-05

~ **DRAINAGE** ~

BOX INLETS AND OUTLETS

DROP BOXES

DROP BOX INLET TYPE 12 OR 12A RDB-012-09

SLOPED BOXES

METAL END SECTION TYPE 1 & 2 (PARALLEL STRUCTURES) RDB-150-01
DIMENSIONS FOR METAL END SECTIONS RDB-160-01

TYPICAL DRAINAGE INSTALLATIONS

CULVERT, ENTRANCE & STORM SEWER PIPE TYPES & COVER HEIGHTS..... RDI-001-09
PIPE BEDDING FOR CULVERTS, ENTRANCE AND STORM SEWER PIPE RDI-020-08
PIPE BEDDING FOR CULVERTS, ENTRANCE AND STORM SEWER REINFORCED CONC. PIPE RDI-021
PIPE BEDDING, TRENCH CONDITION RDI-025-04
PIPE BEDDING, TRENCH CONDITION REINFORCED CONC. PIPE RDI-026
COATINGS, LININGS AND PAVINGS FOR NON-STRUCTURAL PLATE PIPE..... RDI-035-01

TRAFFIC

~ **TEMPORARY** ~

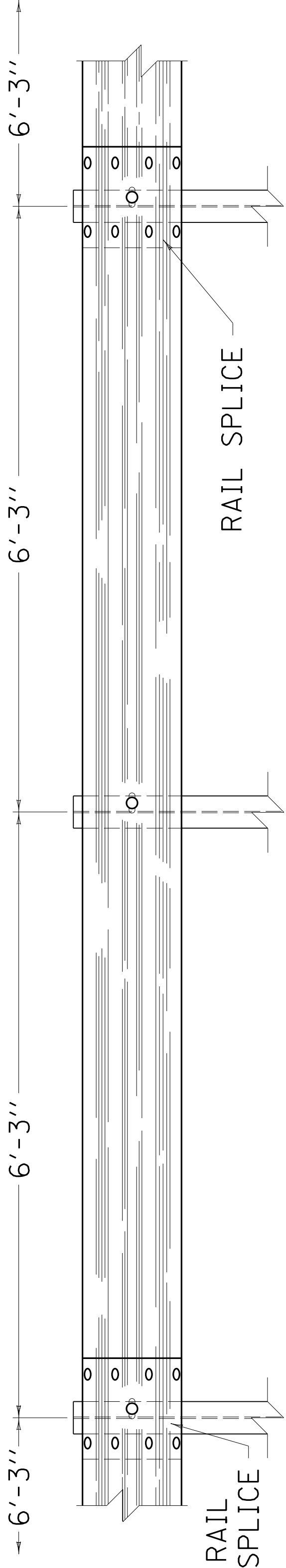
TRAFFIC CONTROL

LANE CLOSURE TWO-LANE HIGHWAY CASE I..... TTC-100-03
LANE CLOSURE TWO-LANE HIGHWAY CASE II..... TTC-105-02
SHOULDER CLOSURE TTC-135-01

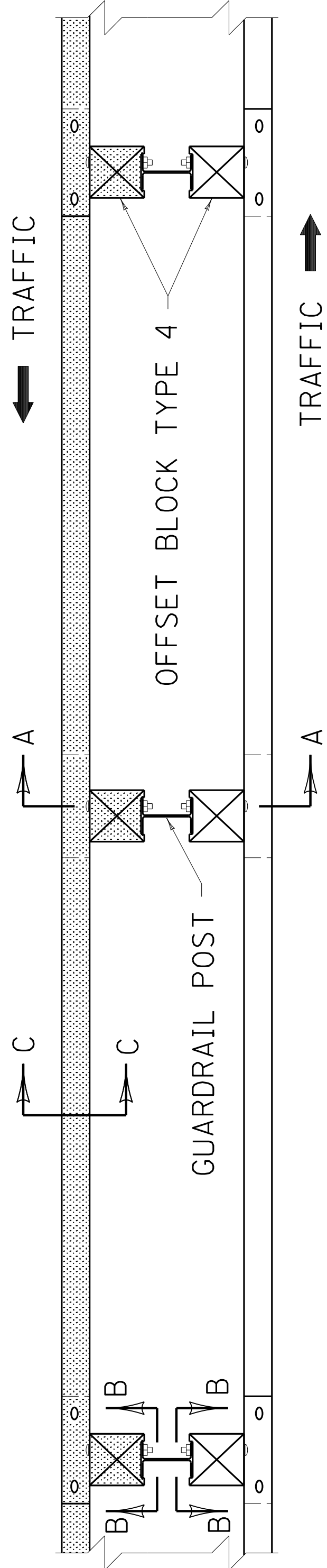
COUNTY OF	ITEM NO.	SHEET NO.

NOTES

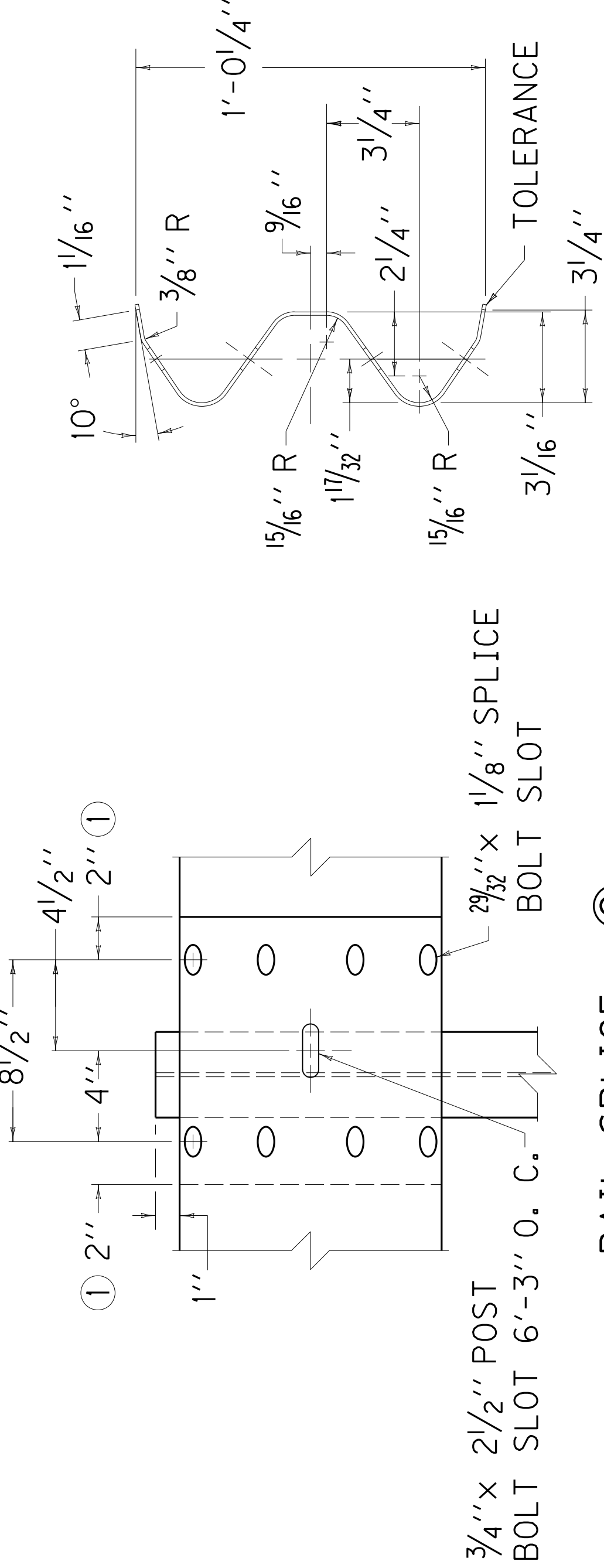
- THE CONTRACT UNIT PRICE BID SHALL BE:
GUARDRAIL-STEEL W BEAM-SINGLE FACE - LIN. FT.
OR
GUARDRAIL-STEEL W BEAM-DOUBLE FACE - LIN. FT.
DIMENSIONAL TOLERANCES NOT SHOWN OR IMPLIED ARE INTENDED TO BE THOSE CONSISTENT WITH THE PROPER FUNCTIONING OF THE PART, INCLUDING ITS APPEARANCE AND ACCEPTED MANUFACTURING PRACTICES.
- THE RAIL ELEMENT SHALL COMPLY WITH AASHTO M-180 -CLASS A, TYPE II.
- ALL LAPS SHALL BE PLACED IN THE DIRECTION OF TRAFFIC FLOW.
- ① TOLERANCE + 1/4", -1/4"
 - ② 8 -5/8"x 1/4" LONG BUTTON HEAD BOLTS AND HEX HEAD RECESS NUTS REQUIRED FOR EACH RAIL SPLICE.
 - ③ LENGTH EQUALS POST AND BLOCK WIDTH PLUS: 2" FOR BOLT OR 2/4" FOR THREADED ROD.
 - ④ GALVANIZED STEEL 10d COMMON COATED NAIL (DRIVE NAIL AT THE TOP OR BOTTOM CENTER OF BLOCK AND POST AFTER BOLT IS INSTALLED).
 - ⑤ 5/8"x ③ STEEL THREADED ROD AND TWO (2) HEX HEAD NUTS OR 5/8"x ③ BUTTON OR HEX HEAD BOLT AND HEX HEAD NUT.
 - ⑥ 5/8"x8" BUTTON HEAD BOLT, HEX HEAD RECESS NUT AND ONE 5/8" ROUND WASHER (TYP.). BOLT SHALL HAVE A MINIMUM THREAD LENGTH OF 2".
 - ⑦ BOTH 12'-6" AND 25' LENGTHS OF "W" BEAM GUARDRAIL SECTIONS WILL BE PERMITTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



ELEVATION VIEW



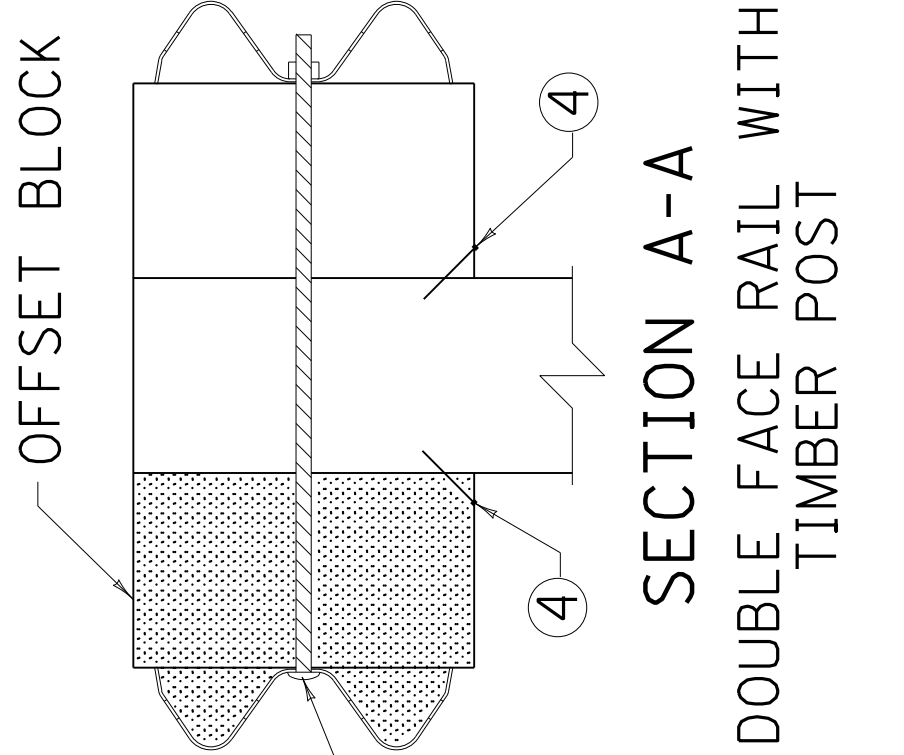
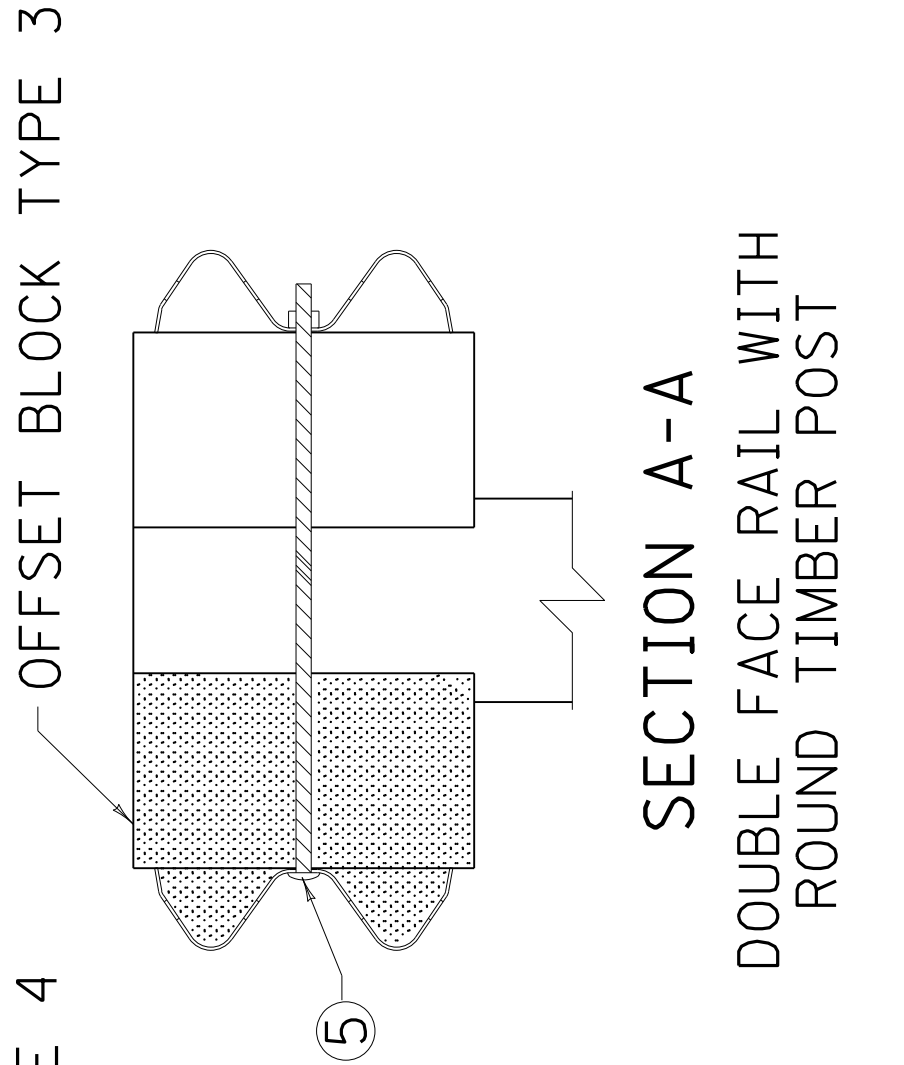
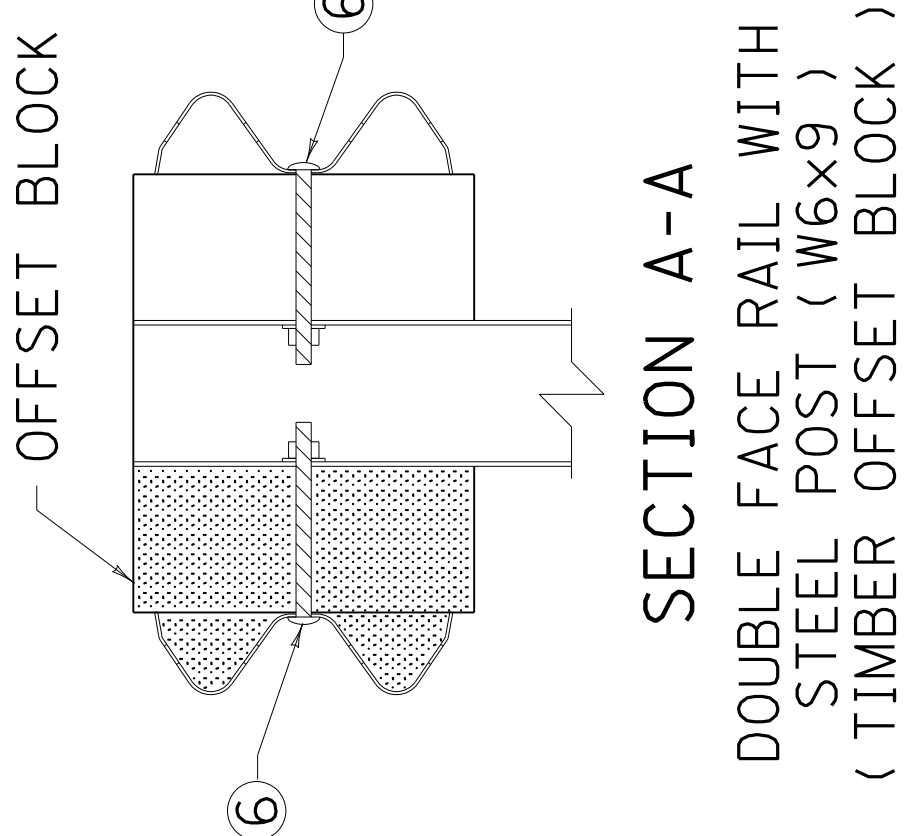
PLAN VIEW
(DOUBLE FACE RAIL OR SINGLE FACE RAIL)



SECTION B-B

RAIL SPLICE ②

SECTION C-C
(RAIL CORRUGATED
SHEET STEEL BEAM)



KENTUCKY
DEPARTMENT OF HIGHWAYS

STEEL BEAM
GUARDRAIL
("W" BEAM)