



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

March 7, 2013

CALL NO. 102
CONTRACT ID NO. 134005
ADDENDUM # 1

Subject: Franklin County, HSIP 7325 (001)
Letting March 22, 2013

- (1) Revised - 2012 Standard Drawings - Page 70 of 109
- (2) Added - Drawing - Page 74(a) of 109

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** ~

TYPICAL BARRIER INSTALLATIONS

TYPICAL GUARDRAIL INSTALLATIONS	RBI-001-10
TYPICAL GUARDRAIL INSTALLATIONS	RBI-002-06
TYPICAL INSTALLATION FOR GUARDRAIL END TREATMENT TYPE 2A.....	RBI-003-08

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 2A.....	RBR-025-03

~ **DRAINAGE** ~

BOX INLETS AND OUTLETS

DROP BOXES

DROP BOX INLET TYPE 1.....	RDB-001-11
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SLOPED BOXES

SLOPED AND FLARED BOX INLET-OUTLET 18"-24"-30"-36" ALL SKEWS.....	RDB-105-05
GRATES FOR SLOPED AND FLARED BOX INLET-OUTLET.....	RDB-106-04

PAVED DITCHES, FLUME INLETS AND CHANNEL LININGS

CHANNEL LINING CLASS II AND III	RDD-040-04
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PIPE AND BOX CULVERT AND HEADWALLS

FOR AQLL PIPE AND BOX CULVERT HEADWALLS (RDH SERIES) SEE HEADWALL SUPPLEMENT

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
TURF MAT SLOPE INSTALLATION	RDI-040
TURF MAT CHANNEL INSTALLATION.....	RDI-041

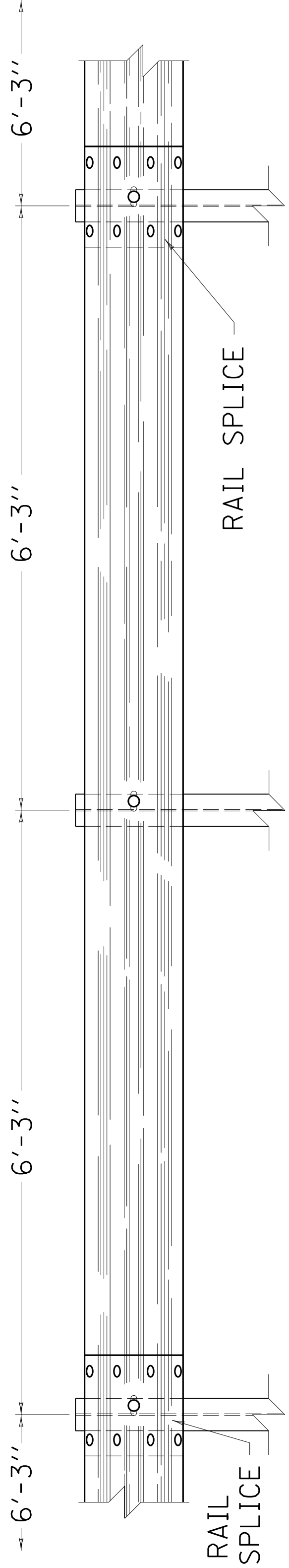
MISCELLANEOUS DRAINAGE

INTERMEDIATE AND END ANCHORS FOR CIRCULAR PIPE	RDX-060-03
SECURITY DEVICES FOR FRAMES, GRATES AND LIDS.....	RDX-160-05

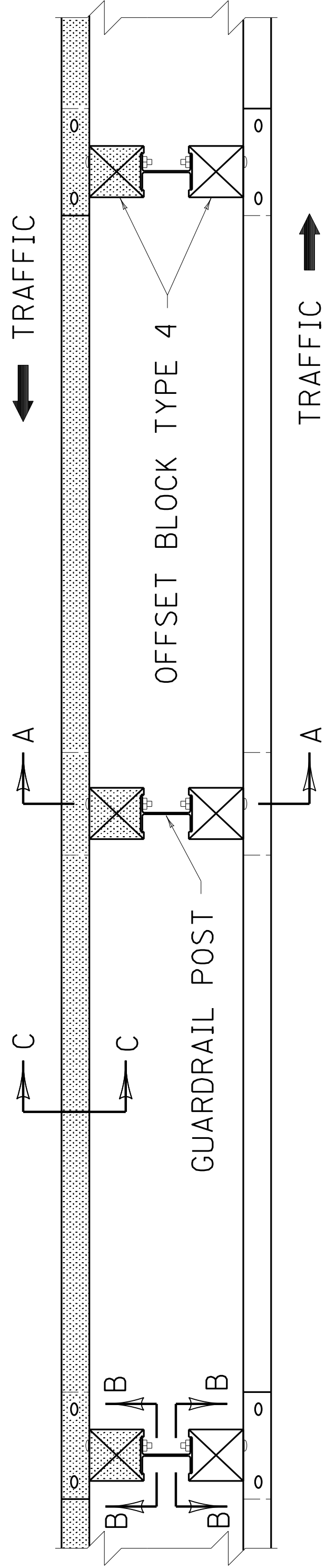
~ **GENERAL** ~

CURVE WIDENING AND SUPERELEVATION

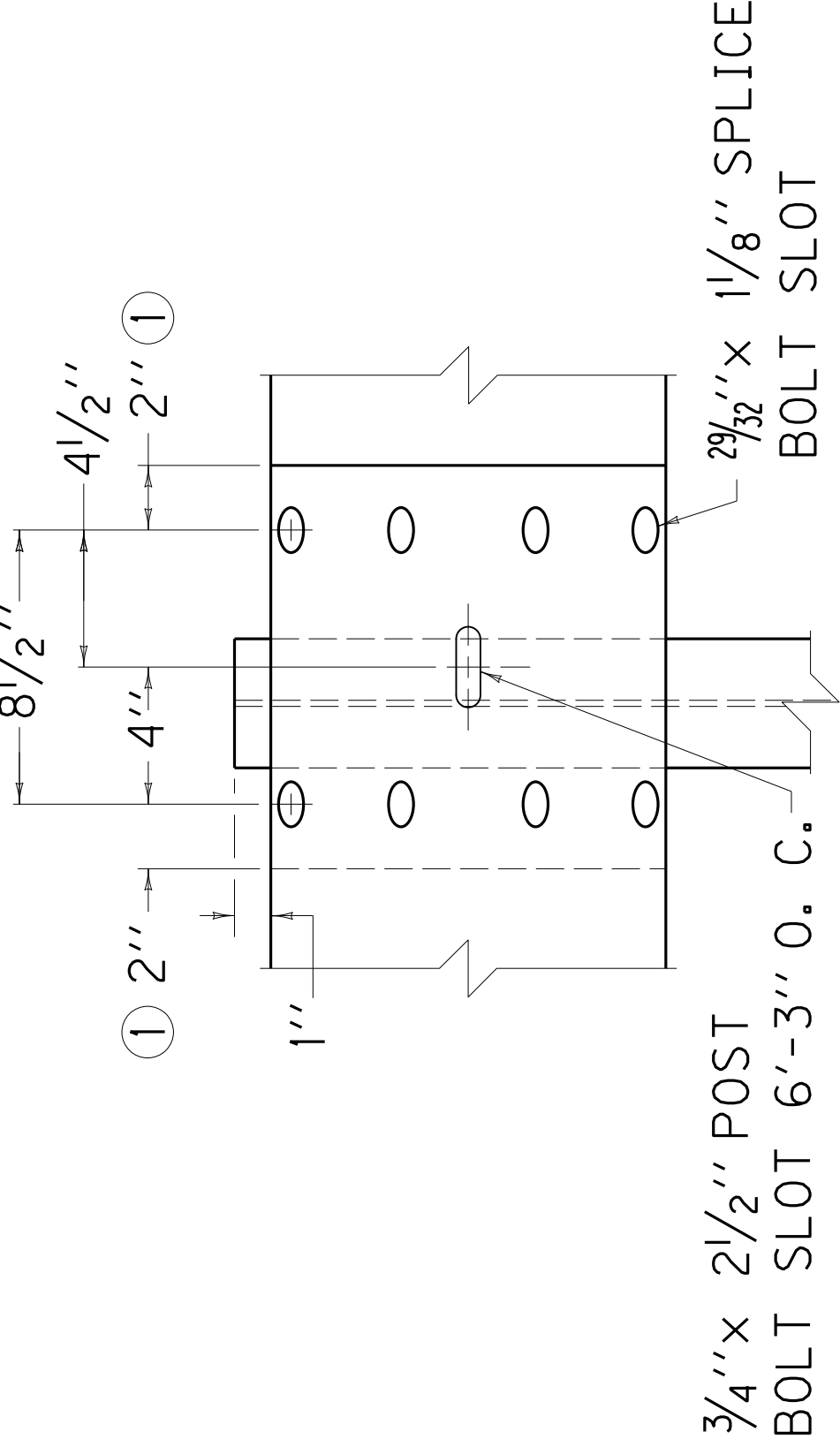
CURVE WIDENING AND SUPERELEVATION TRANSITIONS	RGS-001-06
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ELEVATION VIEW

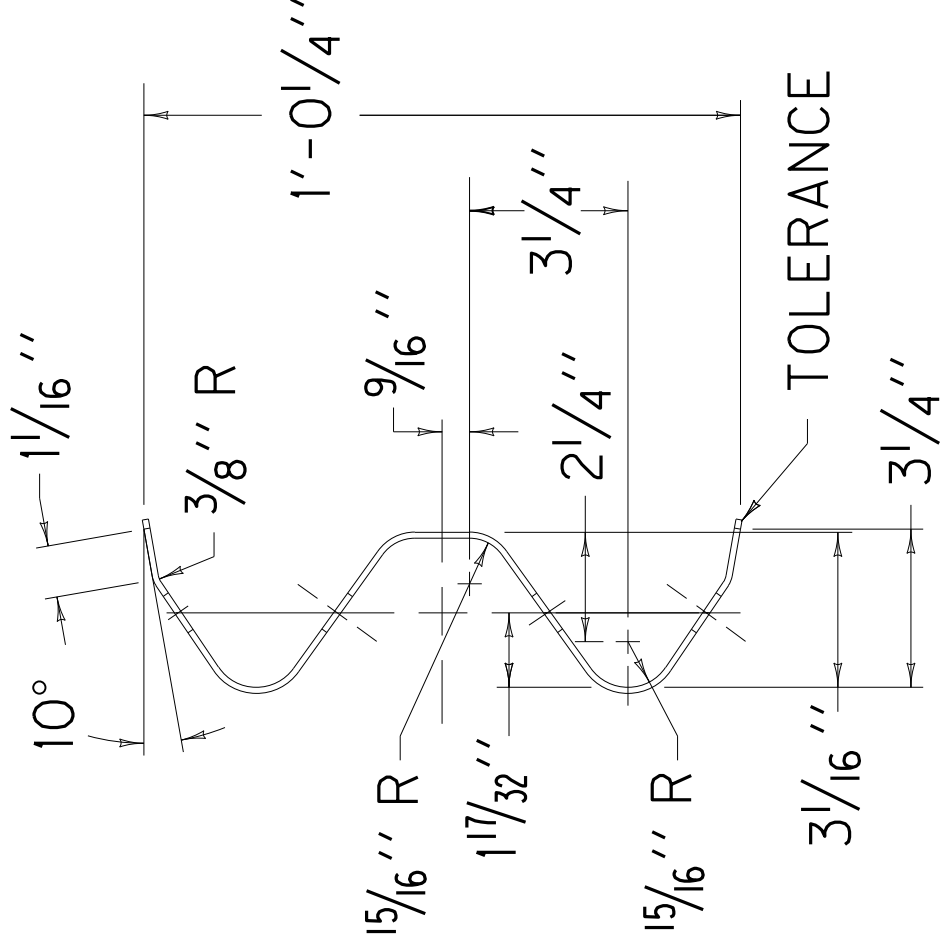


PLAN VIEW
(DOUBLE FACE RAIL OR SINGLE FACE RAIL)

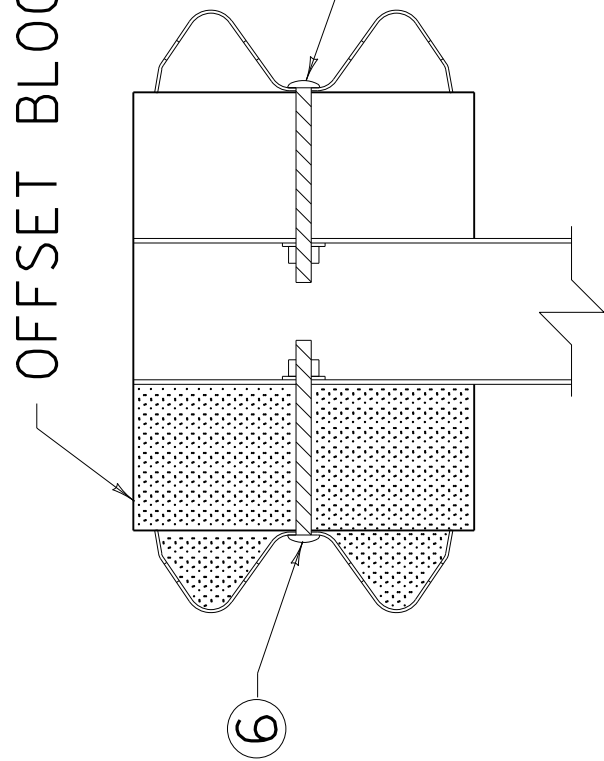


SECTION B-B

RAIL SPLICE ②

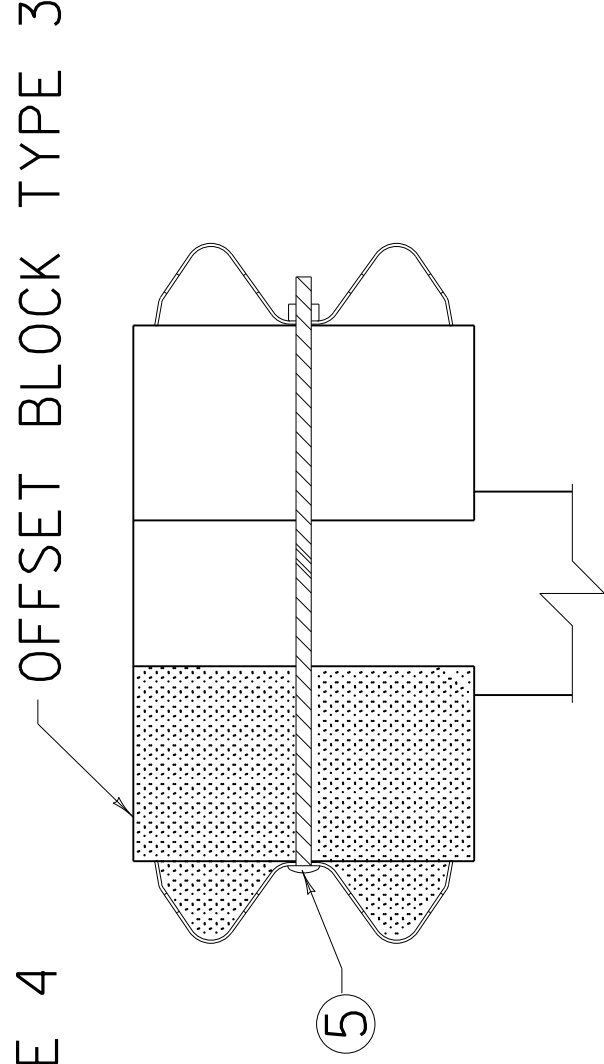


SECTION C-C
(RAIL CORRUGATED
SHEET STEEL BEAM)



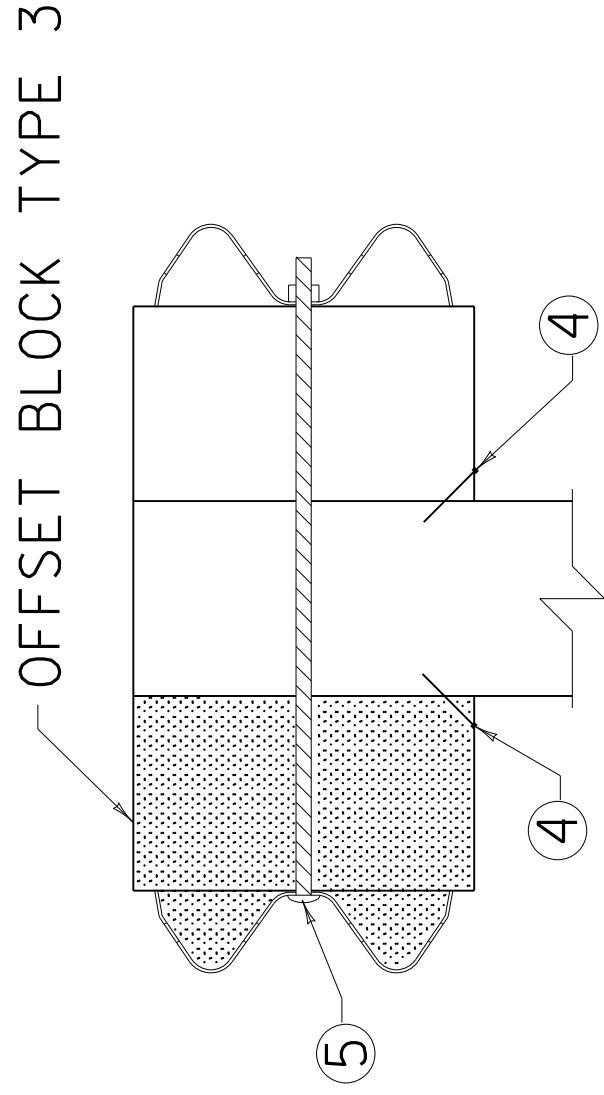
SECTION A-A

DOUBLE FACE RAIL WITH
STEEL POST (W6x9)
(TIMBER OFFSET BLOCK)



SECTION A-A

DOUBLE FACE RAIL WITH
ROUND TIMBER POST



SECTION A-A

DOUBLE FACE RAIL WITH
TIMBER POST

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".

REQUIRED FOR DOUBLE RAIL

BOTH 12'-6" AND 25' LENGTHS OF "W" BEAM GUARDRAIL SECTIONS WILL BE PERMITTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

KENTUCKY DEPARTMENT OF HIGHWAYS
STEEL BEAM GUARDRAIL ("W" BEAM)

SUBMITTED: 	DIRECTOR DIVISION OF DESIGN	DATE	12-11-12
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