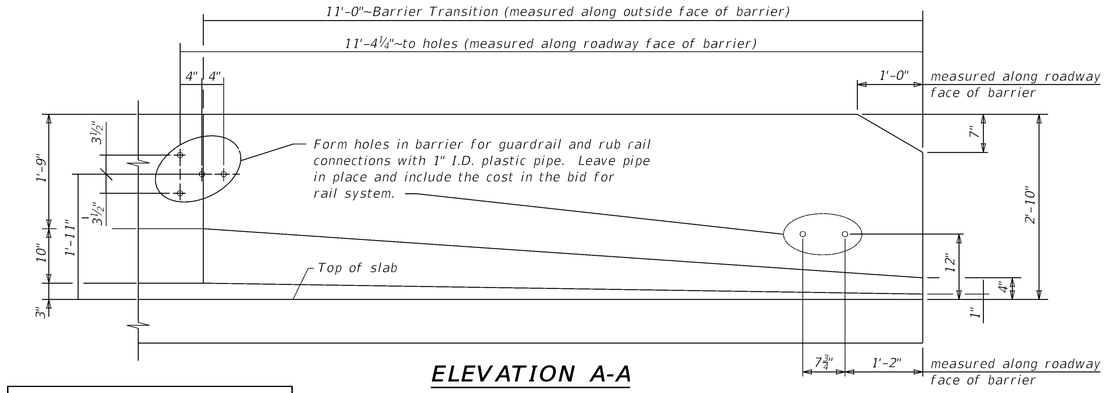
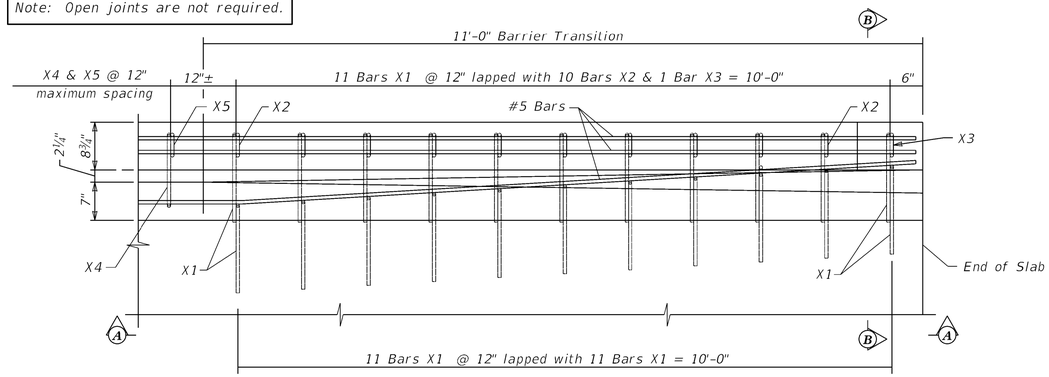
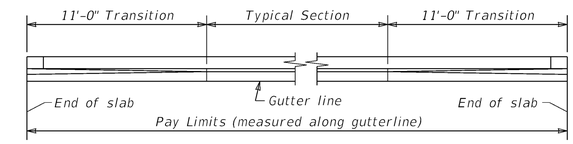


ELEVATION A-A

Note: Open joints are not required.

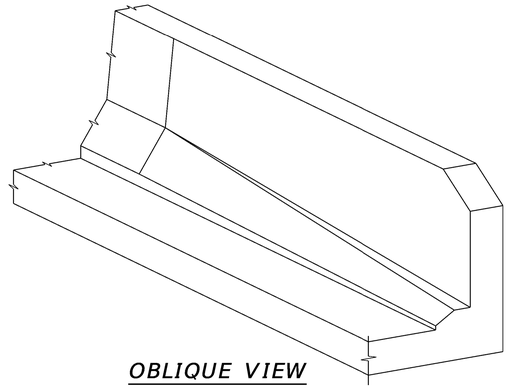


PLAN OF BARRIER TRANSITION

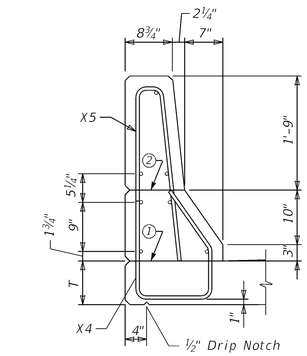


PLAN OF BARRIER

Note: X1 & X3 Bars at end of slab may be adjusted to maintain 2" minimum clearance on curved and skewed end bridges.



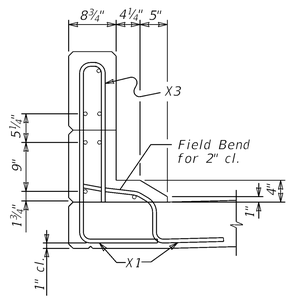
OBLIQUE VIEW



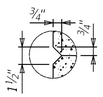
TYPICAL BARRIER SECTION

① Mandatory roughened construction joint. Concrete above this joint is to be placed after slab has been properly cured and included in the bid for Rail System, Type 3.

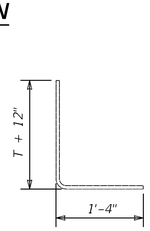
② Permissible construction joint. "V-Groove" rustication joint is required if construction joint is used. ¼" Open Joints are not required.



SECTION B-B

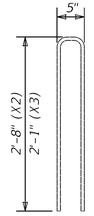


"V-Groove" Rustication



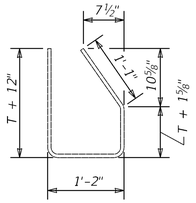
X1(e) Bars

#5 Bar



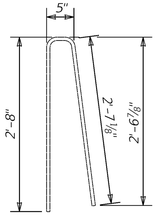
X2(e) & X3(e) Bars

#5 Bar



X4(e) Bars

#5 Bar



X5(e) Bars

#5 Bar

General Notes

CONCRETE: Use Class "AA" Concrete throughout.

OPTIONAL WELDED WIRE REINFORCEMENT:
At the contractor's option, deformed welded wire reinforcement (WWR) in accordance with ASTM A497 and epoxy coated in accordance with ASTM A884 may be used in place of stirrup bars X2, X3, and X5 as well as the straight or longitudinal reinforcement attached to these stirrups. Use size D31 wire for both stirrups and straight reinforcement. Locate and space the wire reinforcement the same as the conventional reinforcement except lower the top straight bar at least 2½" away from the bend in the stirrup. Use a minimum 2'-8" lap for the straight reinforcement between sheets of WWR.

MEASUREMENT: The linear foot bid for the barrier is measured along the roadway gutterline. Include all reinforcement shown and all concrete above the top of slab in the bid item for Rail Sytem Type 3.

REINFORCEMENT: All reinforcement shown on this sheet is to be epoxy coated. Use stirrup bend diameters for all bent bars. Straight reinforcement is to be Size #5 and lapped 2'-2" when necessary.

MAINTENANCE NOTES: NOT FOR NEW CONSTRUCTION. ONLY USE FOR REPAIRING OR RESTORING CONCRETE BARRIER WALL. USE 4000 PSI CLASS "AA" CONCRETE FOR REPAIRS TO EXISTING JERSEY SHAPES.

SUBMITTED _____ DIVISION DIRECTOR 06-23-20 DATE

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: SEPIA 002 - RAIL SYSTEM TYPE 3

ITEM NO. XX-XXXXX.XX
COUNTY OF XXXXXXXXXXX
SHEET NO. RXXX