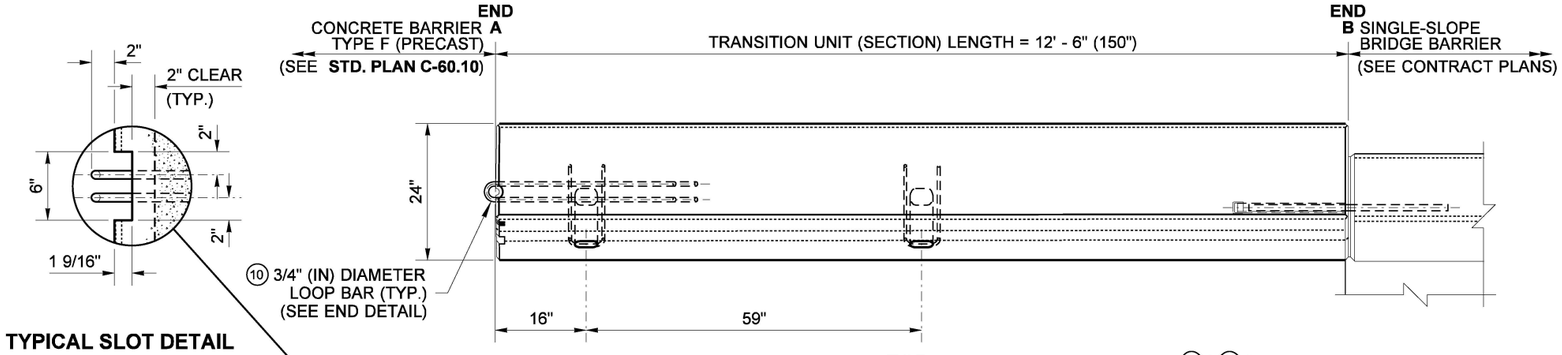
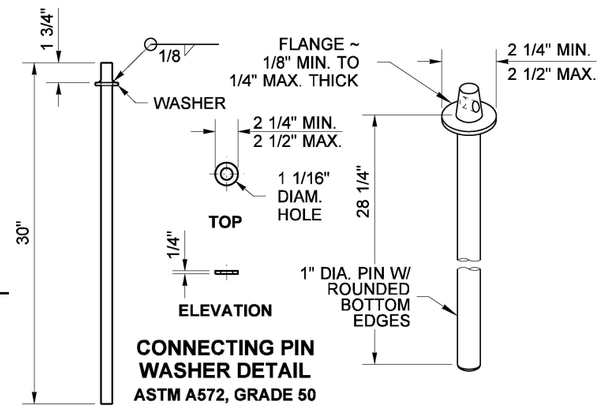
DRAWN BY: BILL BERENS



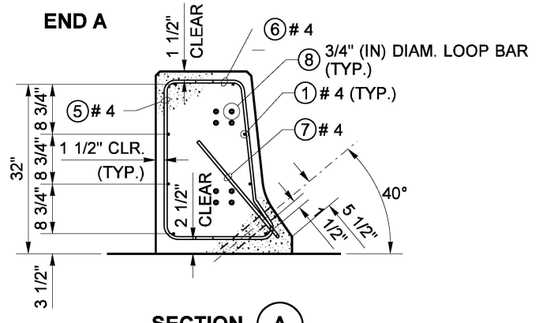


CONNECTING PIN WASHER DETAIL
ASTM A572, GRADE 50

WELDED WASHER PIN | **FORGED HEAD PIN** (ALTERNATIVE)

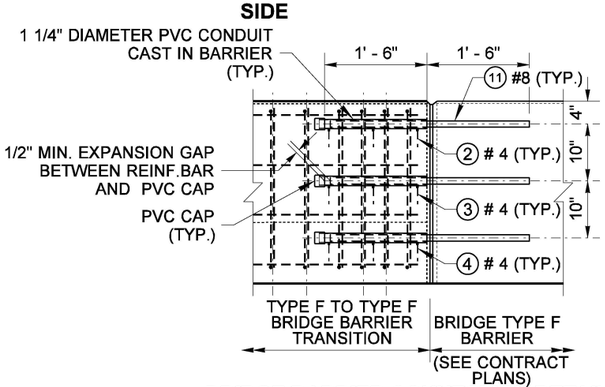
SEE NOTE 5

CONNECTING PIN ASSEMBLY DETAIL
1" DIAMETER PER **ASTM A449**
HOT DIP GALVANIZE AFTER FABRICATION PER **ASTM F2329**



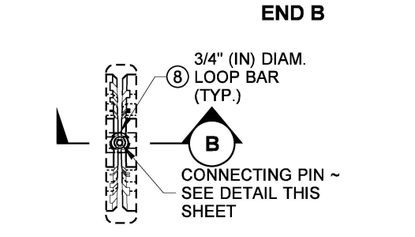
SECTION (A)

NOTE:
STEEL WELDED WIRE REINFORCEMENT DEFORMED FOR CONCRETE MAY BE SUBSTITUTED FOR REINFORCING STEEL IN ACCORDANCE WITH **STANDARD SPECIFICATION, SECTION 6-10.3**

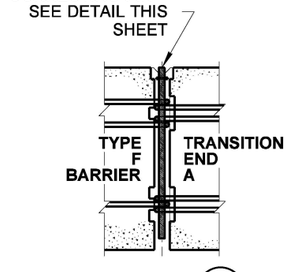


SIDE

BRIDGE BARRIER CONNECTION DETAIL

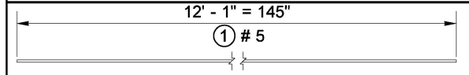


END DETAIL
JOINING TWO BARRIER SEGMENTS - END A
(TYPE F BARRIERS SHOWN)



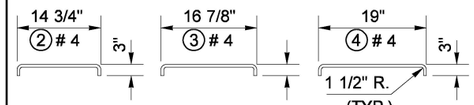
SECTION (B)
(SEE NOTE 2)

REINFORCING STEEL BENDING DIAGRAM



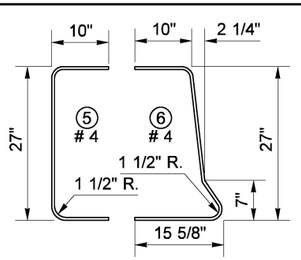
QTY. = 8 BARS

LONGITUDINAL BAR

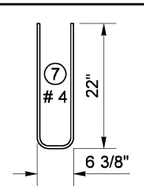


QTY. = 4 BARS | QTY. = 4 BARS | QTY. = 4 BARS

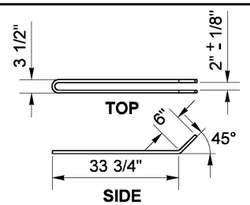
NOTE
1. Stirrup bar may be fabricated as a single piece.



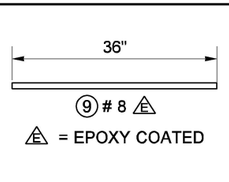
STIRRUP BAR
SEE NOTE 1
QTY. = 15 PAIRS



PIN SLOT BAR
HOT DIP GALVANIZE AFTER FABRICATION PER **ASTM A767**, EXCEPT THAT CHROMATE TREATMENT IS OPTIONAL
QTY. = 2 BARS



LOOP BAR DETAIL
⑧ 3/4" DIAM. LOOP BAR PER ASTM A36, HOT ROLL
HOT DIP GALVANIZE AFTER FABRICATION PER **AASHTO M 111**
QTY. = 4 BARS



Ⓔ = EPOXY COATED

DOWEL BAR
QTY. = 3 BARS

1. Concrete shall be Class 4000.
2. Remove slack between barrier segments after inserting the connecting pin.
3. See **Standard Plan C-60.10** for barrier transition anchoring details. See **Standard Plan C-60.10 and C-60.70** for anchoring Type F Barrier adjacent to the transition.
4. Provide 2" (in) minimum concrete cover over reinforcing steel except for areas noted on plans.
5. Connecting Pin head designs vary among different manufacturers. Pin designs that are shaped differently than those shown in the detail are acceptable, if the bearing surface is within the minimum and maximum widths specified.

Jul 19, 2024

TYPE F TO TYPE F BRIDGE BARRIER TRANSITION (CAST-IN-PLACE)

STANDARD PLAN C-60.60-01

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Jul 21, 2024
STATE DESIGN ENGINEER
Washington State Department of Transportation