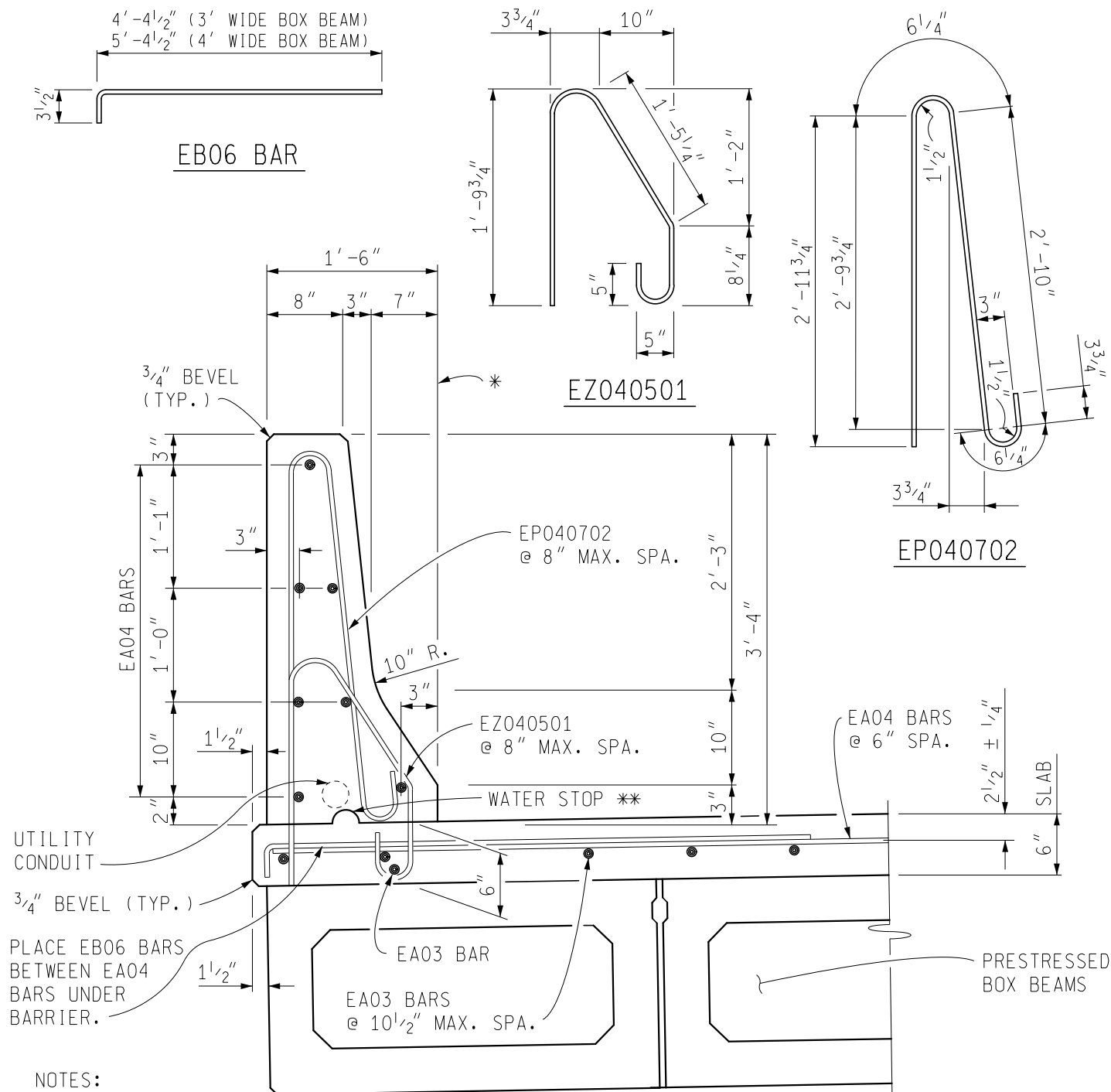


DRAWN BY: BLT
 CHECKED BY: VZ
 APPROVED BY: DAJ

MICHIGAN DEPARTMENT OF TRANSPORTATION
 BUREAU OF HIGHWAY DEVELOPMENT

BRIDGE BARRIER RAILING, TYPE 4
 ON PRESTRESSED BOX BEAM DECK

ISSUED: 05/23/16
 SUPERSEDES: 11/27/01



NOTES:

FOR ANGLE OF CROSSING 70° TO 90° PLACE TRANSVERSE STEEL PARALLEL TO REF. LINE.
 FOR ANGLE OF CROSSING < 70° AND SPAN LENGTH > DECK WIDTH PLACE TRANSVERSE STEEL ⊥ TO BRIDGE C.
 FOR ANGLE OF CROSSING < 70° AND SPAN LENGTH < DECK WIDTH PLACE TRANSVERSE STEEL || TO REF. LINE.
 PLACE LONGITUDINAL STEEL PARALLEL TO BRIDGE C. IN ALL CASES.

PERPENDICULAR TO PLANE OF SLAB - NORMAL CROWN SECTION AND HIGH SIDE OF SUPERELEVATED SECTIONS.

* VERTICAL - LOW SIDE OF SUPERELEVATED SECTIONS.

** 2" HIGH x 4" LONG (±). FORMING NOT REQUIRED.

FOR ADDITIONAL DETAILS OF BARRIER RAILING, SEE STANDARD PLAN B-17-SERIES.

DO NOT PLACE MORE THAN ONE 3" Ø UTILITY CONDUIT IN THE BARRIER.

BARS WITH PREFIX "E" ARE TO BE EPOXY COATED.

PREPARED BY
 DESIGN DIVISION

6.29.09E