

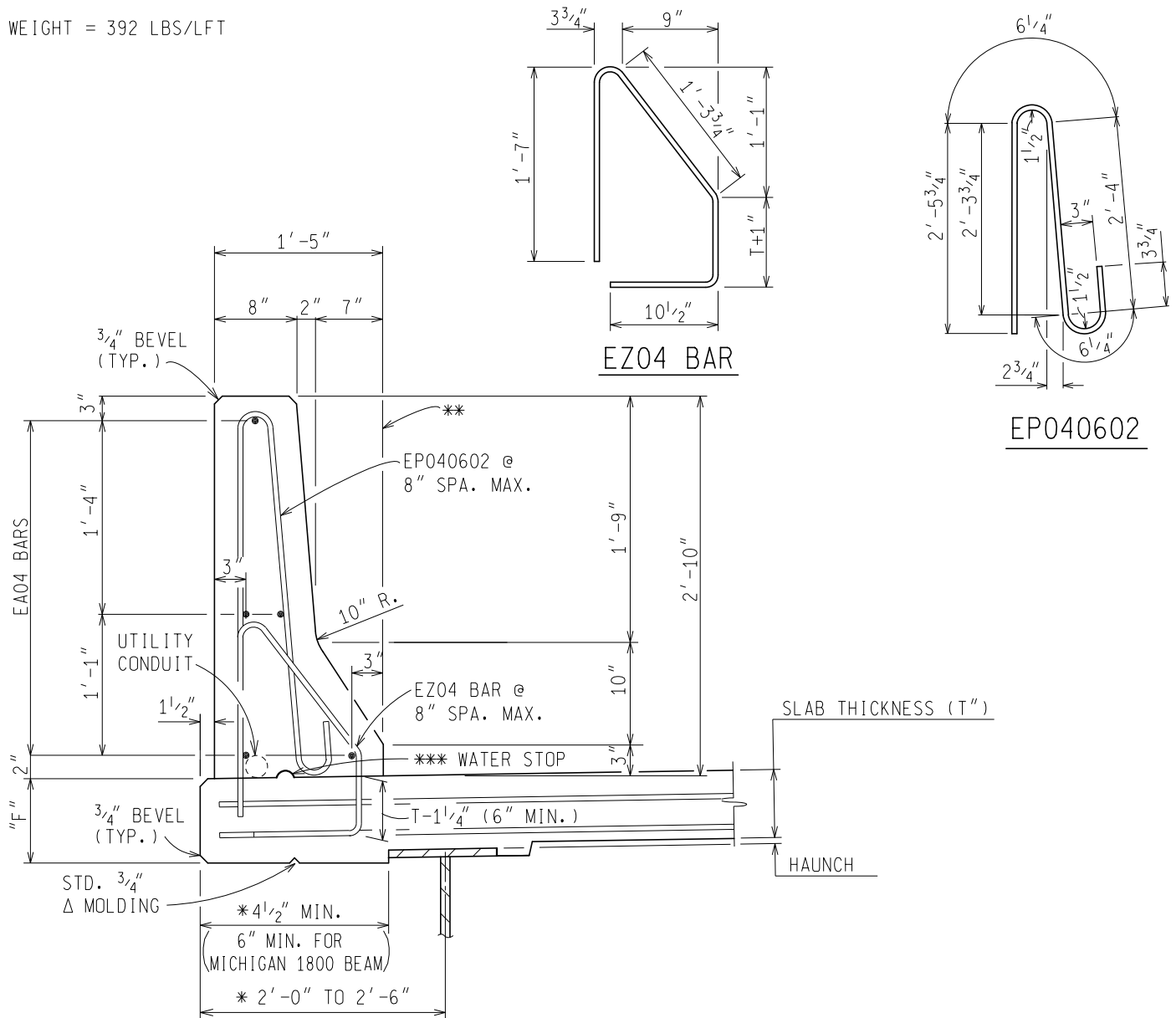
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MICHIGAN DEPARTMENT OF TRANSPORTATION
 BUREAU OF HIGHWAY DEVELOPMENT

BRIDGE BARRIER RAILING, TYPE 5

ISSUED: 02/14/11
 SUPERSEDES: 11/27/01

WEIGHT = 392 LBS/LFT



NOTE:

"F" EQUALS SLAB THICKNESS PLUS THICKEST FASCIA BEAM FLANGE PLUS 1/2" PLUS AMOUNT OF FASCIA BEAM DROP REQUIRED TO MAINTAIN MINIMUM SLAB THICKNESS AT CURB PLUS HAUNCH (1").

IF "F" BECOMES GREATER THAN 12" USE A HAUNCH DETAIL ON THE FASCIA SIDE OF THE BEAM SIMILAR TO THE HAUNCH DETAIL ON THE INTERIOR SIDE. ADDITIONAL REINFORCEMENT MAY BE REQUIRED IN THE AREA OVER THE BEAM FLANGE IF THE HAUNCH BECOMES EXCESSIVE.

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

FOR ADDITIONAL DETAILS OF RAILING, SEE STANDARD PLAN B-20-SERIES.

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

* IT IS PREFERRED TO POSITION THE FASCIA BEAM TO CARRY THE SCREED RAIL WHICH WILL BE 6" TO 8" FROM THE EZ BAR. HOWEVER, 4 1/2" MINIMUM WILL APPLY TO CURVED GIRDERS ONLY.

** 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.

PREPARED BY
 DESIGN DIVISION

6.29.08