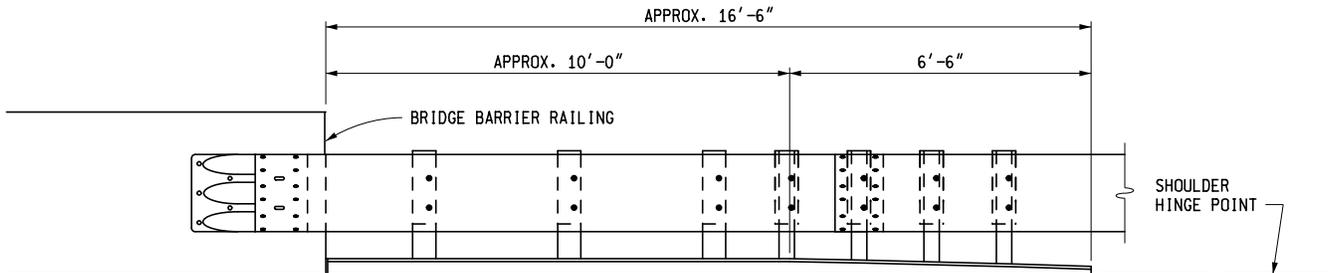
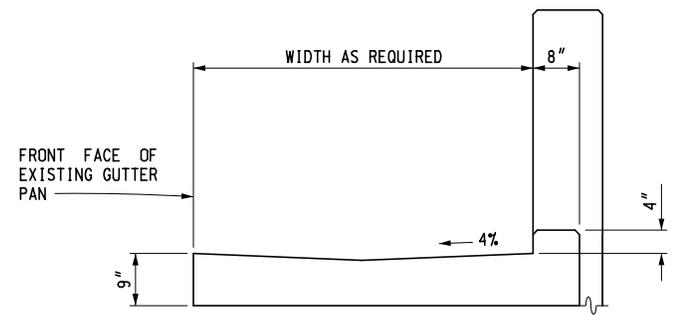


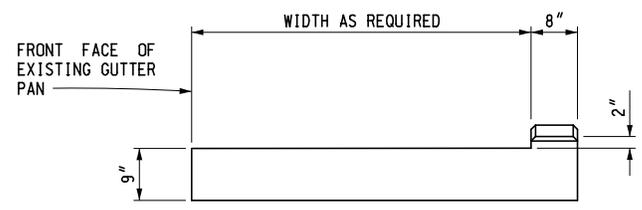
PLAN



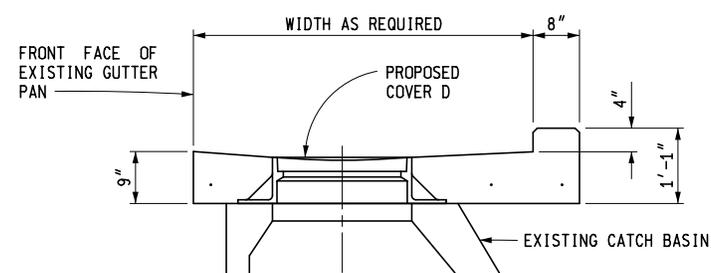
ELEVATION



SECTION A - A



SECTION C - C



SECTION B - B

NOTES:
 FOR INSTALLATION OF BEAM GUARDRAIL, SEE STANDARD PLAN R-60-SERIES.
 FOR INSTALLATION OF GUARDRAIL ANCHORAGE, BRIDGE, SEE STANDARD PLAN R-67-SERIES.
 IF AN INTEGRAL OR SEMI-INTEGRAL ABUTMENT IS NOT USED SEE R-32-SERIES FOR ACCOMMODATING EXPANSION IN THE AREA OF THE PAVEMENT SEAT.

**BRIDGE APPROACH CURB & GUTTER, DETAIL 4A
 (USING EXISTING CATCH BASIN)**

NOTE: FOR USE WITH GUARDRAIL ANCHORAGE, BRIDGE, DETAIL M - -- AND THE REQUIRED NUMBER OF DRAINAGE STRUCTURES BASED ON A HYDROLOGICAL ANALYSIS OF THE AREA AND THE SIZE OF THE BRIDGE DECK OR WHEN GUARDRAIL IS NOT NEEDED ON DEPARTING ENDS.



PREPARED BY
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 CHECKED BY: W.K.P.

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 Paul C. Ajegba

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 DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
 DIRECTOR, BUREAU OF DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION
 BUREAU OF DEVELOPMENT STANDARD PLAN FOR

**BRIDGE APPROACH
 CURB & GUTTER
 (USING EXISTING CATCH BASIN)**

F.H.W.A. APPROVAL

10-14-2019
 PLAN DATE

R-27-F

SHEET
 1 OF 1