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.

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 ACCOMODATING EXPANSION IN THE AREA OF THE PAVEMENT SEAT.

EXISTING CATCH BASIN

FLOW LINE

FLOW LINE

FLOW LINE

EPOXY COATED #4 BARS
SPACED AT 1'-6" MAX.

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SPACED AT 1'-6" MAX.

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SECTION A - A

SECTION B - B

SECTION C - C

NOTES:
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SECTION C - C

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