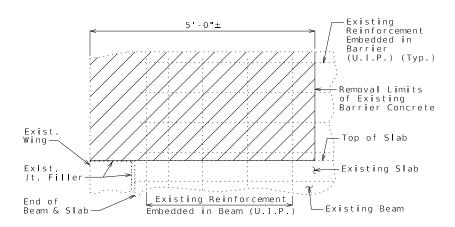
U.I.P. & REHABILITATE EXISTING (x', x') X SPANS



PART ELEVATION SHOWING CONCRETE REMOVAL

5-#5-R3

12"

-2-#5-R5

6-#5-R2

73 "

6-#5-R2

ELEVATION SHOWING REINFORCEMENT (3)

3-#5-R4 7동"

PLAN (3)

5 0 ±

11"

0

0

5-#5-R3

. 8".

<u>1</u> ⊓ Jt.

Filler

Detailed Checked

7³/₄" 3-#5-R4

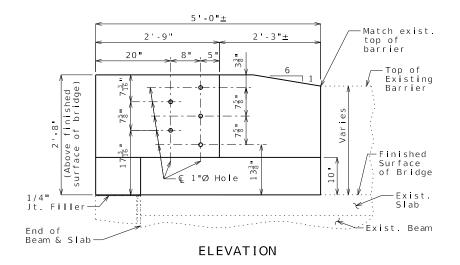
7등"

Edge of Existing

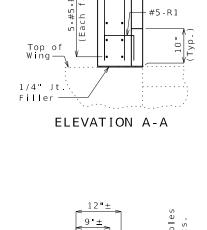
Barrier

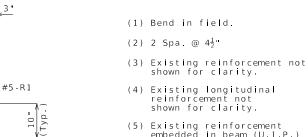
#5-R5

and Beam

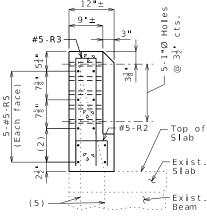


#5-R3 Top of Wing —

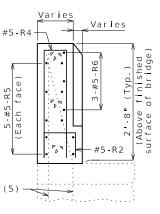












embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)

SECTION C-C (4)

BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT

Note: This drawing is not to scale. Follow dimensions.

-Top of Slab

Sheet No. 1 of 2

No Wearing Surface

Guidance: (Do not show on plans.)

Substitute alternate Plan for skewed structures.

Use with BEM01-2 & BEM01-3 (Bill of Reinforcing Steel)

Modify details as needed to suit your structure.

Estimated Quantities	
I t em	Total
Barrier End Modification each	4

General Notes:

Design Specifications: 2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses: Class B-1 Concrete f'c = 4,000 psi Reinforcing Steel (Grade 60) fy = 60,000 psi

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown. Miscellaneous

One lane of traffic shall remain open during construction. See roadway plans for traffic control.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise shown

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

All reinforcement in barrier end modification shall be

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification.

5/7/2024 MO 000 COUNT

LOB NO. CONTRACT ID

PROJECT NO BRIDGE NO

REPAIRS TO BRIDGE: ROUTE _ OVER

ROUTE FROM ROUTE TO ROUTE ABOUT MILES OF ROUTE BEGINNING STATION x+x.x± (MATCH EXISTING)

BEM01-1_EndMod_NoWS Alternate Details 5'-0"± 7³/₄" 3-#5-R4 2"± Outside Edge of Existing Barrier and Beam 75" 75" 6" 8" 8" 11" 1/4" Jt Filler — 5 #5 - R5 2 - #5 - R5 (1) 6 - #5 - R2 #5 - R1 — Skewed Plan