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

PART ELEVATION SHOWING CONCRETE REMOVAL

SECTION B-B

SECTION C-C

No Wearing Surface
Guidance: Do not show on plans.
Substitute alternate Plan for skewed structures.
Modify details as needed to suit your structure.
Use with DEM01-2 (Bill of Reinforcing Steel).

Estimated Quantities

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General Notes:

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

Design Unit Stresses:
Class B-2 Concrete: f' = 4,000 psi
Reinforcing Steel (Grade 60): fy = 60,000 psi

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

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

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

Barrier End Modification:

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

All reinforcement in barrier end modification shall be epoxy coated.

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.

Cost of removing existing barrier concrete, and cost of preparing and embedding new concrete, shall be included in the contract unit price for Barrier End Modification.

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