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

PART ELEVATION SHOWING CONCRETE REMOVAL

ELEVATION SHOWING REINFORCEMENT (3)

BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT

GENERAL NOTES:
Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications
Design Unit Stresses:
Class B-2 Concrete f'c = 4,000 psi
Reinforcing Steel (Grade 60) fy = 60,000 psi

Reinforcing Steel:
Maximum embedment of 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" or 3/4" joint. Joints for a barrier shall extend into new concrete at least 40 diameters for plain bars and 20 diameters for deformed bars, unless otherwise noted.

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 20 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.

The cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any applicable incidental work directly associated with the removal and replacement of barrier concrete will be entirely covered by the contract unit price for Barrier End Modification.

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