GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Br 60 (IL Modified). See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensations for a change in scope of the work; however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included in concrete removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specificiations when the deck is poured at an ambient temperature other than 50°F.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Removal and replacement of the end handrail sections and support posts at both abutments of both structures will be necessary for construction of the expansion joints. The existing handrail sections and support posts shall be reused. New bolts, shim plates, and post support anchor assemblies as detailed in the plans are to be provided and installed for the replacement of the handrail and supports. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

The existing waterproofing membrane system is not known to contain asbestos.

Construction of a Bridge Approach Wingwall Improvement at locations specified on the plans will be necessary prior to erecting the new guardrail. The end of the existing aluminum railing shall be cut as shown in the details and removed prior to placement of the new concrete. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

TOTAL BILL OF MATERIALS

SN 058-0093 (EB)

ITEM DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	11.6
Concrete Superstructure	Cu. Yd.	13.8
Reinforcement Bars, Epoxy Coated	Pound	3490
Bar Splicers	Each	28
Elastomeric Bearing Assembly Type I	Each	6
Elastomeric Bearing Assembly Type II	Each	6
Furnishing and Erecting Structural Steel	Pound	2355
Jack and Remove Existing Bearings	Each	12
Hot-Mix Asphalt Removal (Deck)	Sq. Yd.	1740
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	1740
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	1740
Bridge Deck Grooving	Sq. Yd.	1740
Protective Coat	Sq. Yd.	1740
Deck Slab Repair (Full Depth Type I)	Sq. Yd.	7
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	10
Floor Drains	Each	30
Preformed Joint Strip Seal	Foot	96
Structural Repair of Concrete <5"	Sq. Ft.	121
Plug Existing Deck Drains	Each	33
Anchor Bolts 1" Ø	Each	24

TOTAL BILL OF MATERIALS

SN 058-0094 (WB)

ITEM DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	11.6
Concrete Superstructure	Cu. Yd.	14.1
Reinforcement Bars, Epoxy Coated	Pound	3530
Bar Splicers	Each	28
Elastomeric Bearing Assembly Type I	Each	6
Elastomeric Bearing Assembly Type II	Each	6
Furnishing and Erecting Structural Steel	Pound	2355
Jack and Remove Existing Bearings	Each	12
Hot-Mix Asphalt Removal (Deck)	Sq. Yd.	1749
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	1749
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	1749
Bridge Deck Grooving	Sq. Yd.	1749
Protective Coat	Sq. Yd.	1749
Deck Slab Repair (Full Depth Type I)	Sq. Yd.	7
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	18
Floor Drains	Each	30
Preformed Joint Strip Seal	Foot	96
Structural Repair of Concrete <5"	Sq. Ft.	167
Plug Existing Deck Drains	Each	33
Anchor Bolts 1" Ø	Each	24