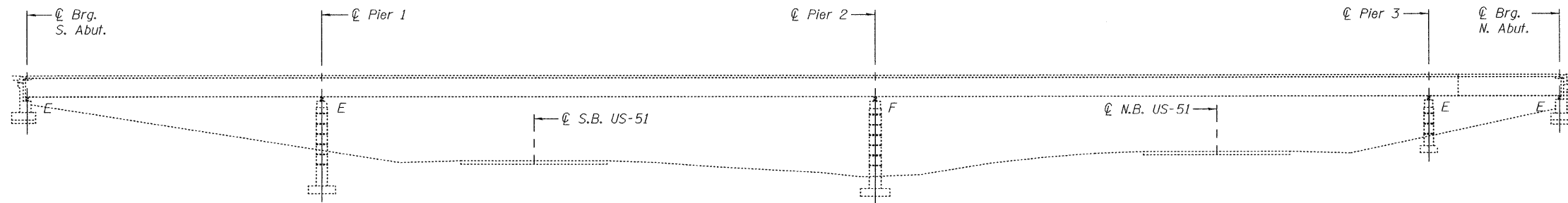
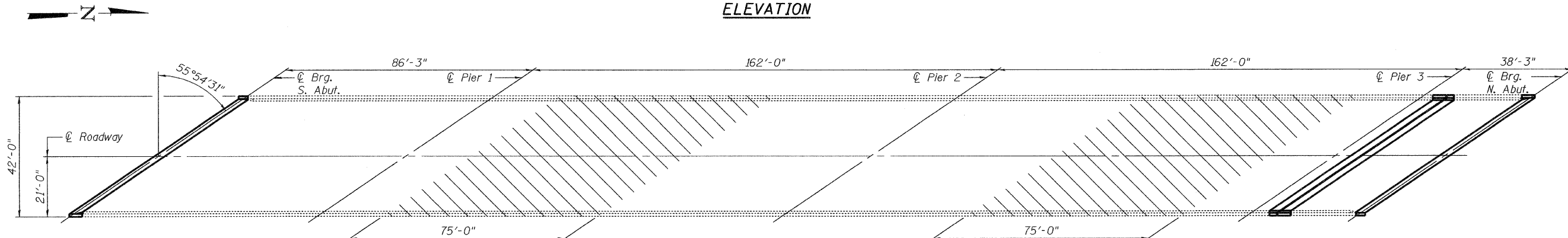


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	35.1
Concrete Superstructure	Cu. Yd.	35.9
Furnishing and Erecting Structural Steel	Pound	2,690
Reinforcement Bars, Epoxy Coated	Pound	6,000
Protective Coat	Sq. Yd.	1,965
Bridge Deck Grooving	Sq. Yd.	1,850
Protective Shield	Sq. Yd.	699
Bridge Deck Hydro-Scarification	Sq. Yd.	1,875
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	1,875
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	1,875
Preformed Joint Strip Seal	Foot	206
Anchor Bolts 1" Dia.	Each	24
Elastomeric Bearing Assembly, Type II	Each	12
Jack and Remove Existing Bearings	Each	12
Deck Slab Repairs (Full Depth Type 2)	Sq. Yd.	11

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
 Reinforcement bars designated (E) shall be epoxy coated.
 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.
 Plan dimensions and details relative to existing plans are subject to nominal construction 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 compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Cost of removal and reinstallation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Furnishing and Erecting Structural Steel.
 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 shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".
 All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel.
 Removal and reinstallation of the existing name plate on the structure will be necessary for construction of the expansion joint. This work and all materials shall be included with Relocating Name Plates.
 Removal and reinstallation of the end handrail sections and support posts at both abutments will be necessary for construction at 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 with Concrete Superstructure.
 Work is to be done under road closure.

DESIGNED	Adrian Holloway
CHECKED	Jim J. [Signature]
DRAWN	[Signature]
CHECKED	ATH ISL

EXAMINED	April 29, 2010	[Signature]
PASSED	[Signature]	ENGINEER OF STRUCTURAL SERVICES
	[Signature]	ENGINEER OF BRIDGES AND STRUCTURES



Expires: November 30, 2010

PLAN AND ELEVATION
SN 058-0103

SHEET NO. 1 9 SHEETS	F.A.P. RTE. 322	SECTION (58-20)RS	COUNTY Macon	TOTAL SHEETS 151	SHEET NO. 129
	CONTRACT NO. 74150				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			