

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Fasteners shall be high strength bolts. Bolts 7/8"φ, open holes 15/16"φ, unless otherwise noted.

Reinforcement bars designated (E) shall be epoxy coated.

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.

Finger Plate Expansion Joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.

Tapered shims shall be added under the stools, as required by the Engineer, to make a smooth finger joint. Cost shall be included with Finger Plate Expansion Joint.

The finger plates shall be flame cut as provided in Article 505.04(k) of the Standard Specifications.

Cost of removal and re-installation 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.

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 GBSP "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

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

All new structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Structural Steel Repair.

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.

The contractor shall ensure that no damage is done to any material that is to remain. Any damage is to be repaired, at the cost of the contractor, to the satisfaction of the engineer.

Cleaning and painting of the existing structural steel near joints at Piers 8 & 10 shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures".

All beams, bearings and other structural steel within 5 ft (measured along the beam) of either side of deck joints shall be cleaned per Near White Blast Cleaning - SSPC-SP10.

The exterior surfaces and bottom of the bottom flange of the fascia beams shall be cleaned per Commercial Grade Power Tool Cleaning - SSPC-SP15.

The designated areas cleaned per Near White Blast Cleaning and per Commercial Grade Power Tool Cleaning shall be painted according to the requirements of Paint System I - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Blue, Munsell No. 10 3/6.

The Contractor is required to provide Structural Assessment Report(s) for the proposed work. See Special Provision.

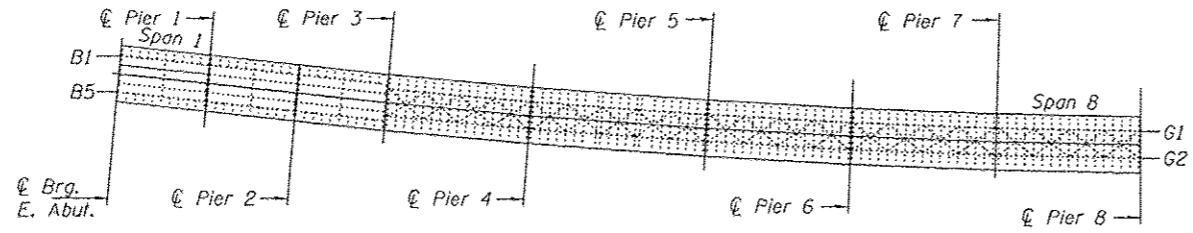
The Contractor shall retain the services of an engineering firm, prequalified in the IDOT consultant selection category of Highway Bridges (Complex), for preparation of the Structural Assessment Report(s). Contractor's pre-approval shall not be applicable for this project. See Special Provision.

Inventory: HS 0.57
Operating: HS 0.994
Live Load Restrictions: Legal Loads only

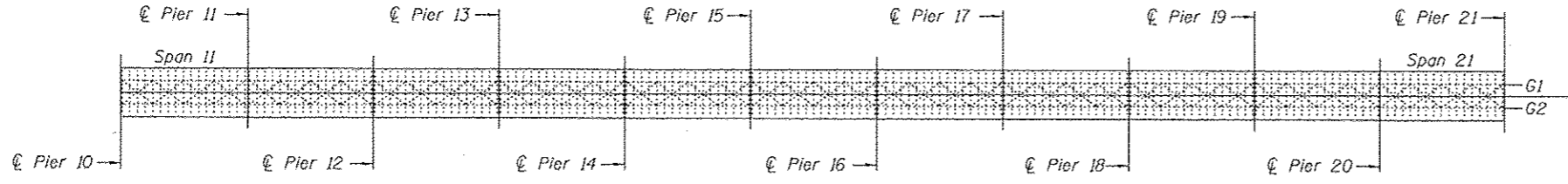
Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractors equipment.

The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available on request as noted in the Special Provisions.

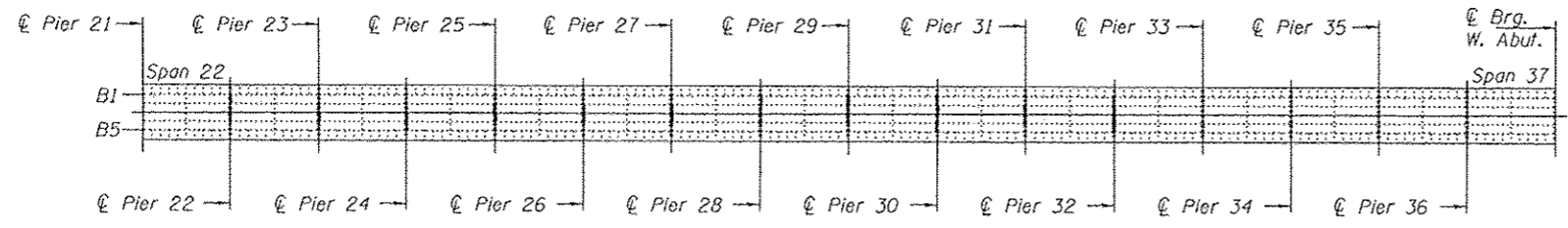
Truss member and gusset plate repairs are to be completed under reduced bridge live loads. Individual truss member and gusset plate repairs shall be completed when stage traffic is on the opposite side of the bridge with respect to the repair location.



PLAN EAST APPROACH
(Spans 1-8)



PLAN WEST APPROACH
(Spans 11-21)



PLAN WEST APPROACH
(Spans 22-37)

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	10.7
Concrete Superstructure	Cu. Yd.	10.7
Protective Shield	Sq. Yd.	66
Structural Steel Repair	Pound	58570
Fabric Reinforced Elastomeric Trough	Foot	50
Finger Plate Expansion Joint	Foot	50
Reinforcement Bars, Epoxy Coated	Pound	2350
Anchor Bolts, 1"	Each	17
Cleaning and Painting Steel Bridge	LS	1
Containment and Disposal of Lead Paint	LS	1
Cleaning Residues		

* For limits, see sheet 10 of 24



EXPIRES 11-30-2016

DESIGNED: <i>Victor H. Veliz</i>	DATE: OCTOBER 1, 2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN APPROACH SPANS FAP 63 (US 24) OVER THE MISSISSIPPI RIVER SN 001-0019		F.A.P. R.T.E. 63	SECTION 02B11-7	COUNTY ADAMS	TOTAL SHEETS 45	SHEET NO. 4
CHECKED: <i>David Carl Puzey</i>	REVISED: 10/15/2015 VHV		CONTRACT NO. 72H65	SHEET NO. 1 OF 24 SHEETS		ILLINOIS FED. AID PROJECT			
DRAWN: <i>baliva</i>	REVISED:								