

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts.
 Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{15}{16}$ in. ϕ , unless noted otherwise.
 No field welding is permitted except as specified in the contract documents.
 Reinforcement bars designated (E) shall be epoxy coated.
 Prior to pouring the new concrete deck at expansion joints, 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 existing concrete.
 As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding $\frac{1}{4}$ inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

Plan dimensions and details relative to the 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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces. Field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat shall be Gray, Munsell No. 5B 7/1.
 Cleaning and painting of the existing structural steel 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-SPI0. All truss members within the splash zone (Bottom chord to 12 ft. above the deck) and all floorbeams, stringers, diaphragms, and other structural steel within 5 ft. from the bottom chord (Measured perpendicular to the truss) in Span 4 shall be cleaned per Near White Blast Cleaning SSPC-SPI0.
 The designated areas cleaned per Near White Blast Cleaning shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all steel surfaces shall be Gray, Munsell No 5B 7/1.
 After cleaning the bottom chords of the truss in Span 4 per Near White Blast Cleaning, the Contractor shall provide access for the Department to inspect and document deterioration and any cracks in the bottom chords of the truss. This work shall be performed by qualified personal designated by the Department. Section loss measurements and any discovered cracks shall be promptly reported to the Bureau of Bridges and Structures for evaluation. All costs associated with providing access for the inspection, including any access equipment, shall be included in the pay item covering cleaning and painting. The cost of any repairs, if necessary, will be paid for according to Article 109.04 of the Standard Specifications.

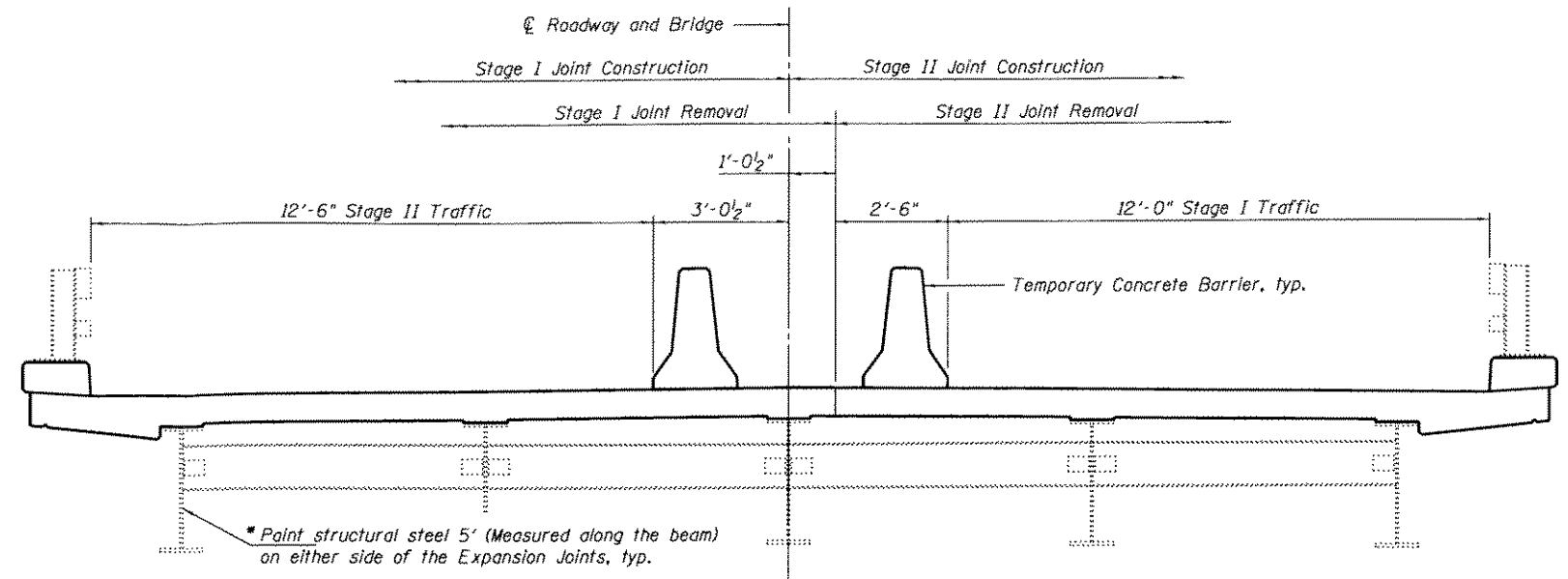
The Contractor shall submit calculations and details demonstrating the structural integrity of the bridge is maintained under the additional imposed loads of the containment system. See Special Provisions.

A minimum of 2 air monitors will be required to monitor abrasive blasting operations at this site. See Special Provision for Containment and Disposal of Lead Paint Cleaning Residues.

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the Contract Plans.

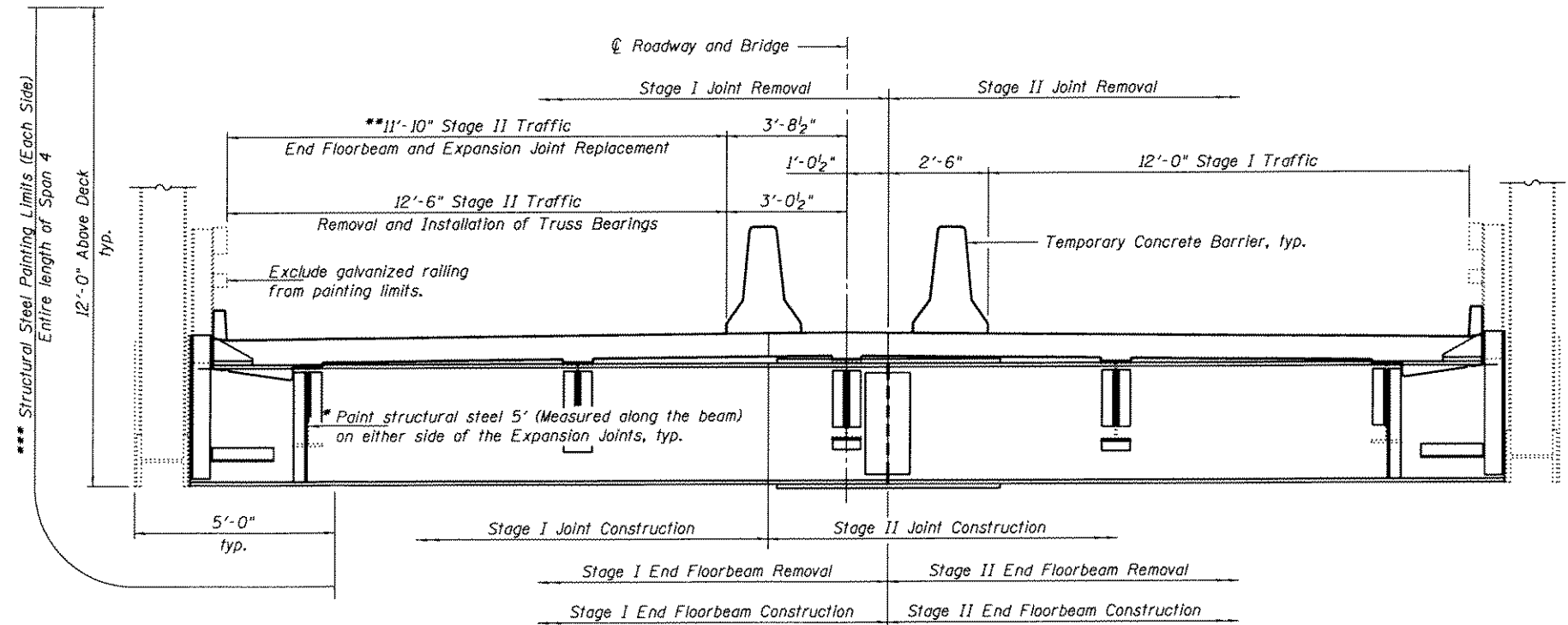
The deck surface shall have its final finish tined according to Article 420.09 (e) (1) of the Standard Specifications. Cost included with Concrete Superstructure.

Plans of the original construction and prior rehabilitation contracts are available for review at the IDOT District 8 office in Collinsville, IL.



STAGE CONSTRUCTION FOR DECK REPAIRS/ABUTMENTS AND PIER 8 EXPANSION JOINT REPLACEMENT
 (Looking East)

- * Paint all structural steel five feet on each side of the joint including floorbeams, diaphragms, stringers, connections, and bearings.
- ** A 11'-10" traffic lane shall be provided a minimum of one barrier length beyond each side of the Concrete Removal Limits. A minimum 60:1 taper shall be used to transition back to a 12'-6" traffic lane.
- *** See sheets 24 thru 28 of 28 for details of the existing steel to be painted.



STAGE CONSTRUCTION FOR SPAN 4 END FLOOR BEAMS/PIER 3 AND PIER 4 EXPANSION JOINT REPLACEMENT
 (Looking East)