

GENERAL NOTES

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

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.

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.

Reinforcement bars designated (E) shall be epoxy coated.

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.

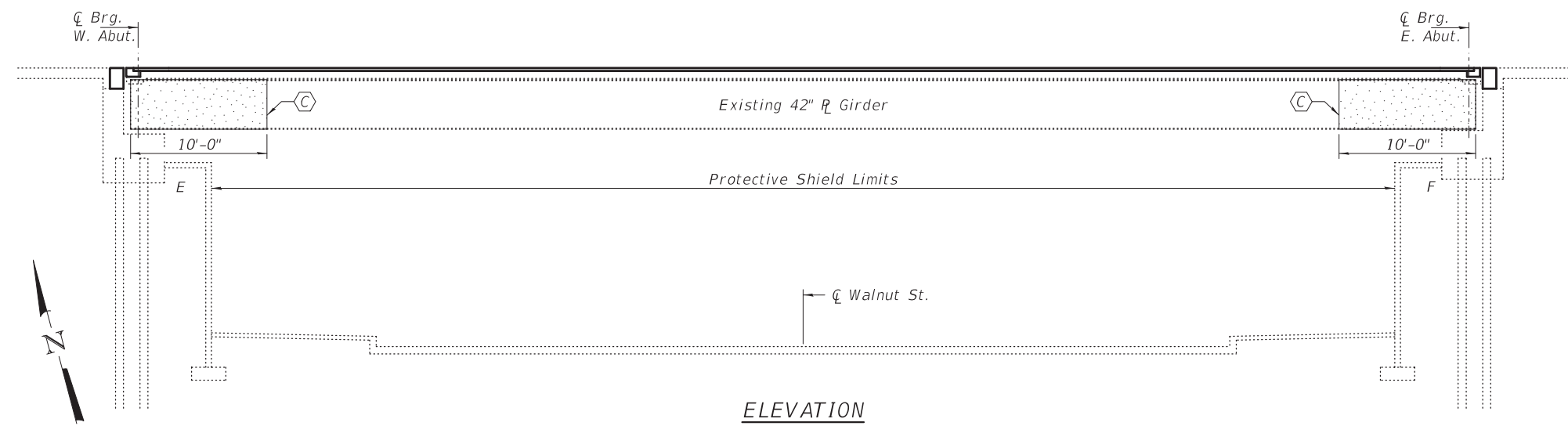
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

Traffic will be maintained using stage construction.

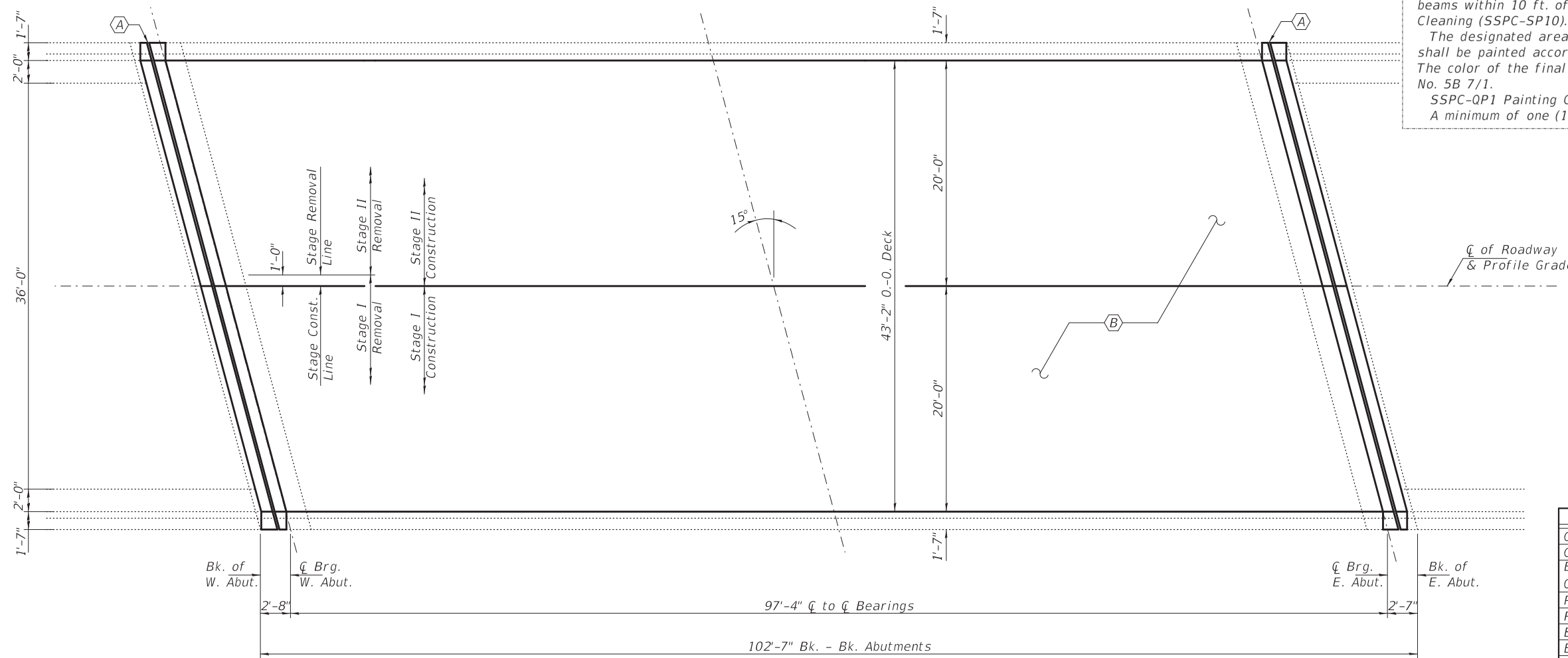
Cleaning and painting of the existing structural steel shall be specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams within 10 ft. of the beam ends shall be cleaned per Near White Blast Cleaning (SSPC-SP10).

The designated areas cleaned per Near White Blast Cleaning (SSPC-SP10) 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.

SSPC-QP1 Painting Contractor Certifications will be required for this contract. A minimum of one (1) air monitor is required for this project.



ELEVATION



PLAN

- (A) - Remove existing Neoprene Joints and install new Preformed Joint Strip Seal.
- (B) - 3/4" Bridge Deck Scarification, 2 3/4" Microsilica Concrete Overlay & 1/4" Diamond Grinding
- (C) - Paint 10' of all Beam Ends.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	4.3
Concrete Superstructure	Cu. Yd.	5.2
Bridge Deck Microsilica Concrete Overlay 2 3/4"	Sq. Yd.	432
Preformed Joint Strip Seal	Foot	87
Reinforcement Bars, Epoxy Coated	Pound	790
Bar Splicers	Each	8
Bridge Deck Scarification 3/4"	Sq. Yd.	432
Diamond Grinding (Bridge Section)	Sq. Yd.	388
* Protective Coat	Sq. Yd.	452
Protective Shield	Sq. Yd.	405
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	274
Cleaning and Painting Steel Bridge No. 1	L. Sum	1
Containment and Disposal of Non Lead Paint Cleaning Residues No. 1	L. Sum	1
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	5

* Apply to new concrete only.

1 REVISED 4-14-2022

EXPIRES 11-30-2022

DESIGNED - Adrian T. Halloway
 CHECKED - Stephen M. Ryan
 DRAWN - Venkat Ramana Reddy
 CHECKED - ATH SMR

EXAMINED - *Ting A. Deak*
 ENGINEER OF STRUCTURAL SERVICES
 PASSED - *John F. Schiff*
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - MARCH 16, 2022
 REVISED 04/13/2022 ATH
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
 IL 97 (MADISON STREET) OVER WALNUT STREET
 SN 084 - 0183

SHEET NO. 1 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(107Z) BDR-1	SANGAMON	24	5
CONTRACT NO. 72M29				
ILLINOIS FED. AID PROJECT				

