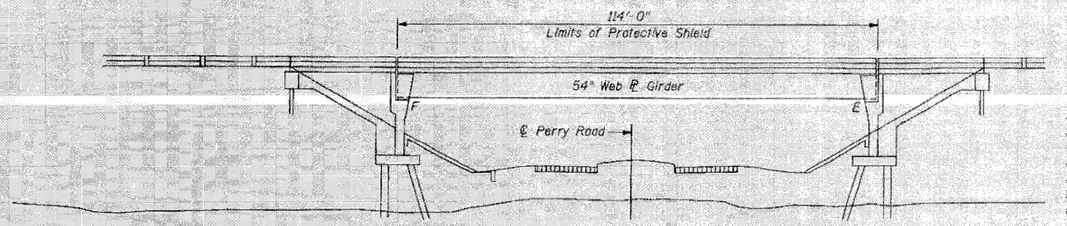
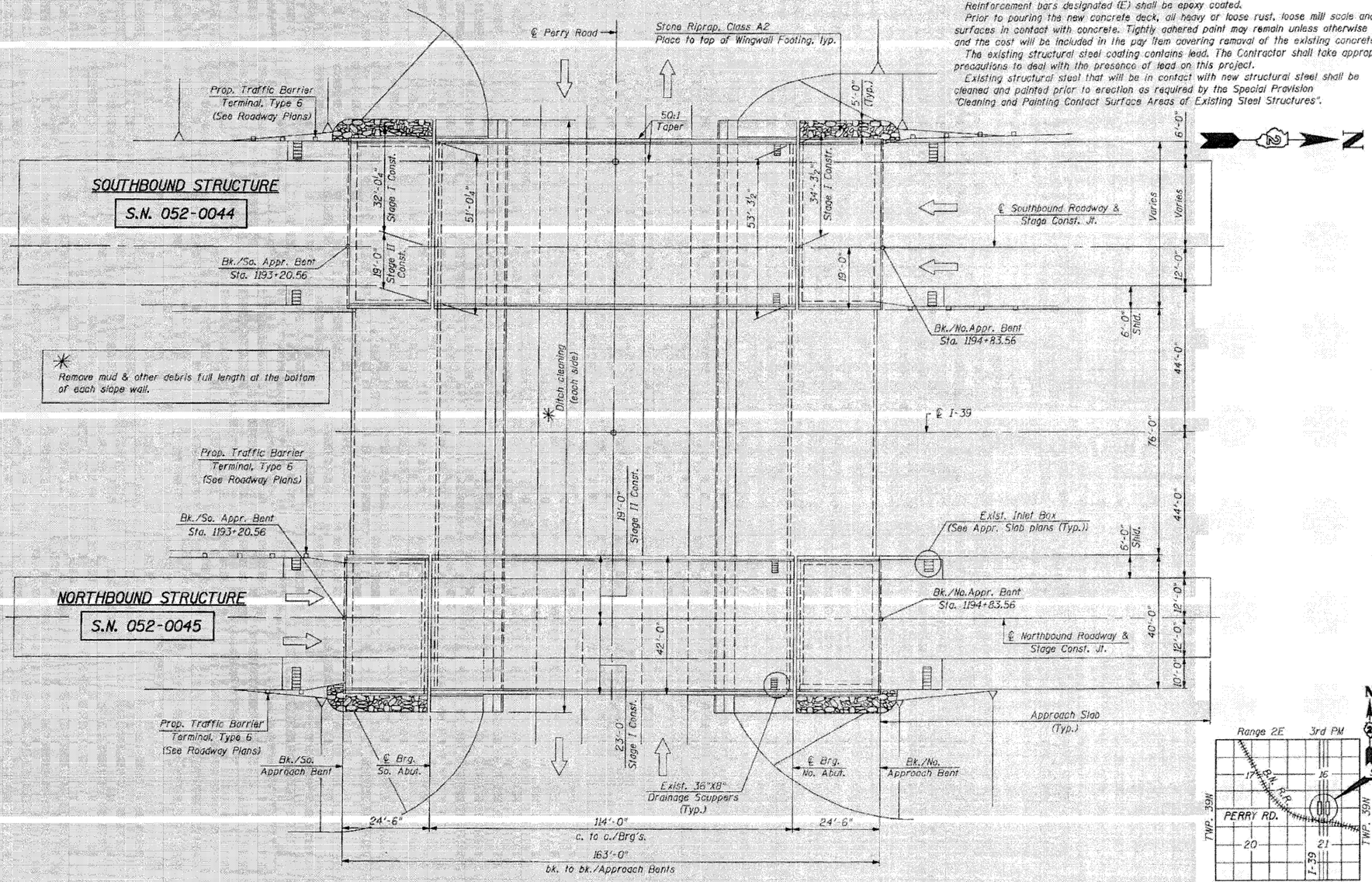


ELEVATION



PLAN

GENERAL NOTES:

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.

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.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on the As-Built plans.

If the analysis submitted to the Contractor for the jacking/temporary support system to be used shows temporary stiffeners are required to prevent web crippling or buckling, the stiffeners shall be steel and bolted to the web. If stiffeners are not required, hardwood timbers shall be installed tightly between the top and bottom flange to prevent flange rotation.

Existing Reinforcement Bars extending into the removal areas 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 is included with Concrete Removal. The inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. 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 facial beams shall be Interstate Green, Munsell No. 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".

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.

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{3}{4}$ in. ϕ, holes $\frac{13}{16}$ in. ϕ, unless otherwise noted.

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, 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.

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".

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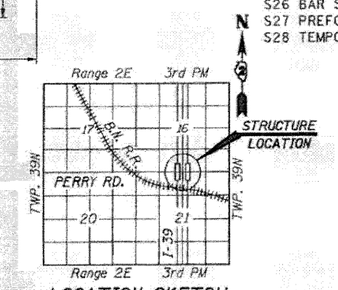

LOCATION SKETCH

STATE OF ILLINOIS
BHADRESH N. SHAH
081-004476
CHICAGO
LICENSED STRUCTURAL ENGINEER

Bhadresh N. Shah 03/25/2010
BHADRESH N. SHAH
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS LIC. No. 081-004476
EXPIRES: 11-30-10

FILE NAME = 0520044-64E97-01-GPE.dgn PLOT DATE = 3/29/2010 PLOT SCALE = 50.0000 ' / IN.	CHRISTIAN-RUDE & ASSOCIATES, INC. ENGINEERS-PLANNERS-SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606 PHONE: (312)372-2023 FAX: (312)372-5274	DESIGNED - B.N.S./J.C.N. DRAWN - D.L./F.M. CHECKED - B.N.S./J.C.N. DATE - MARCH, 2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SOUTHBOUND & NORTHBOUND STRUCTURES S.N. 052-0044 I-39 OVER PERRY ROAD S.N. 052-0045	SCALE:	SHEET NO. S1 OF S28 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(103-1, 103-2)RS	LEE	313	217
		CONTRACT NO. 64E97		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		