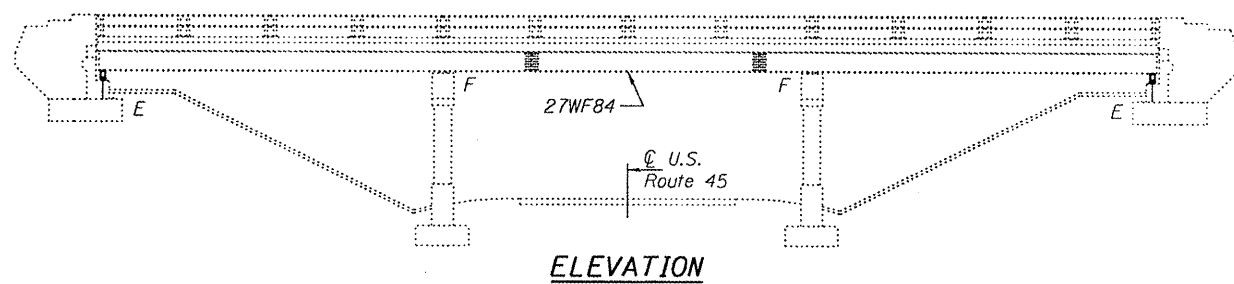
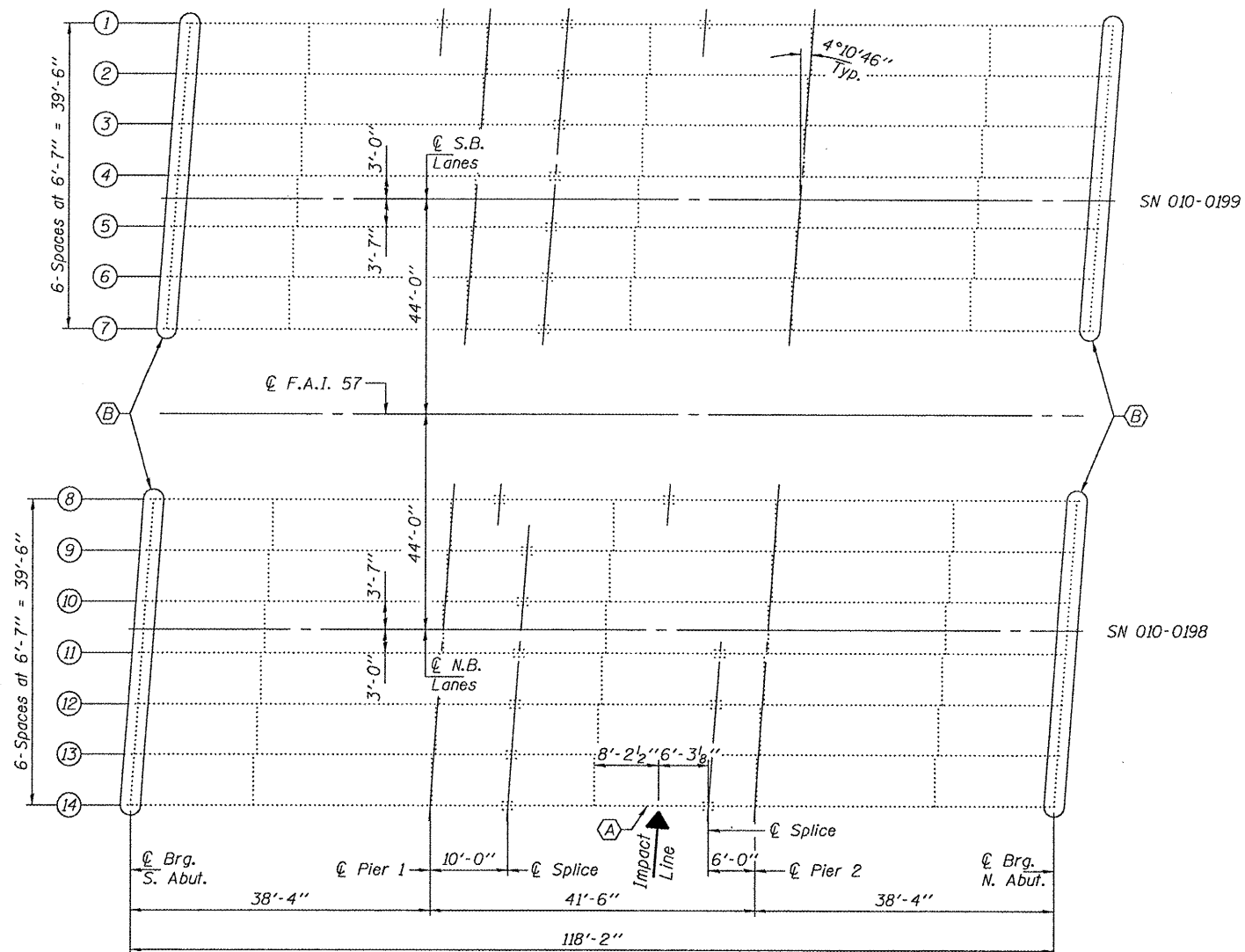


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

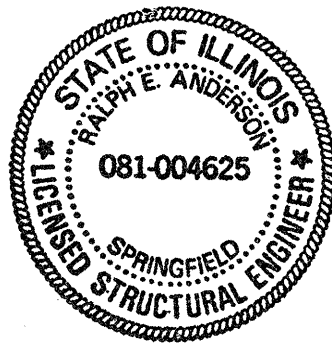


ELEVATION



FRAMING PLAN

- (A) - Existing Beam to be Straightened
- (B) - Remove Existing Bearings and Install Elastomeric Bearings



Expires: November 30, 2010

DESIGNED: Adrian J. Holloway
 CHECKED: [Signature]
 DRAWN: Kyle M. Steffen
 CHECKED: [Signature] ATH

JANUARY 15, 2010
 EXAMINED: [Signature]
 PASSED: Ralph E. Anderson
 ENGINEER OF STRUCTURAL SERVICES
 ENGINEER OF BRIDGES AND STRUCTURES

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.

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.

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 I. Cost included with Furnishing and Erecting Structural Steel.

Cost of removal and/or 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 in the cost of Beam Straightening.

After the new beam is in its final position and/or beam straightening operations have been completed, the Engineer in the field shall check to see that the top flange is tight against the slab. If not, the Contractor shall inject epoxy between the existing concrete deck and the top flange of the beam. See Special Provision "Epoxy Injection".

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Furnishing & Erecting Structural Steel	Pound	3150
Anchor Bolts, 1"φ	Each	56
Elastomeric Bearing Assembly, Type I	Each	28
Jack and Remove Existing Bearings	Each	28
Beam Straightening	L.S.	1

PLAN & ELEVATION
 I-57 OVER US-45
 SN 010-0198 & 0199

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(21-28,21-10-29,10-30)RS-1	CHAMPAIGN	115	85A
CONTRACT NO. 70251					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			