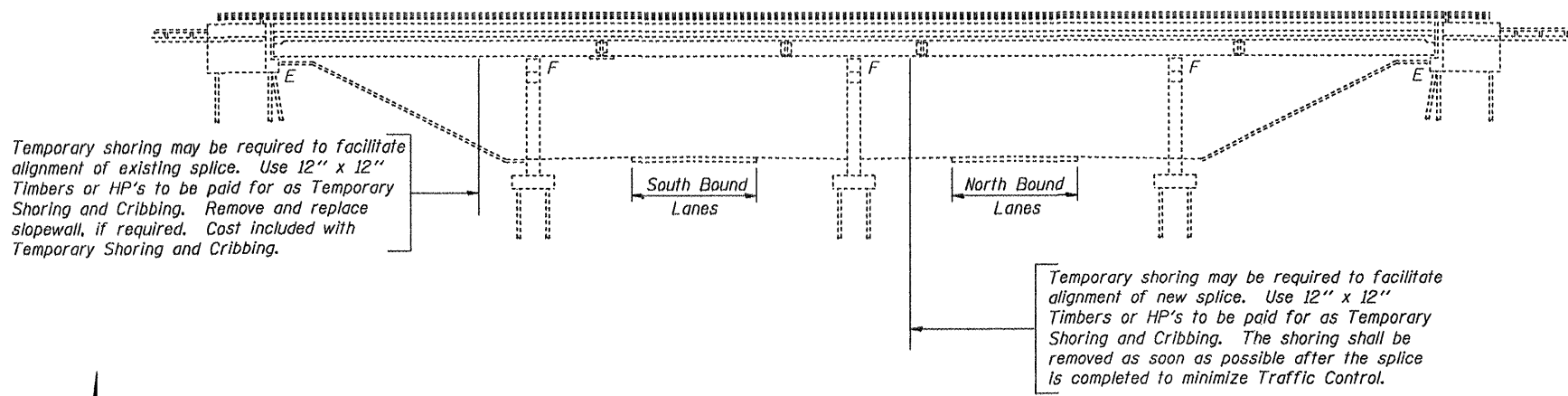
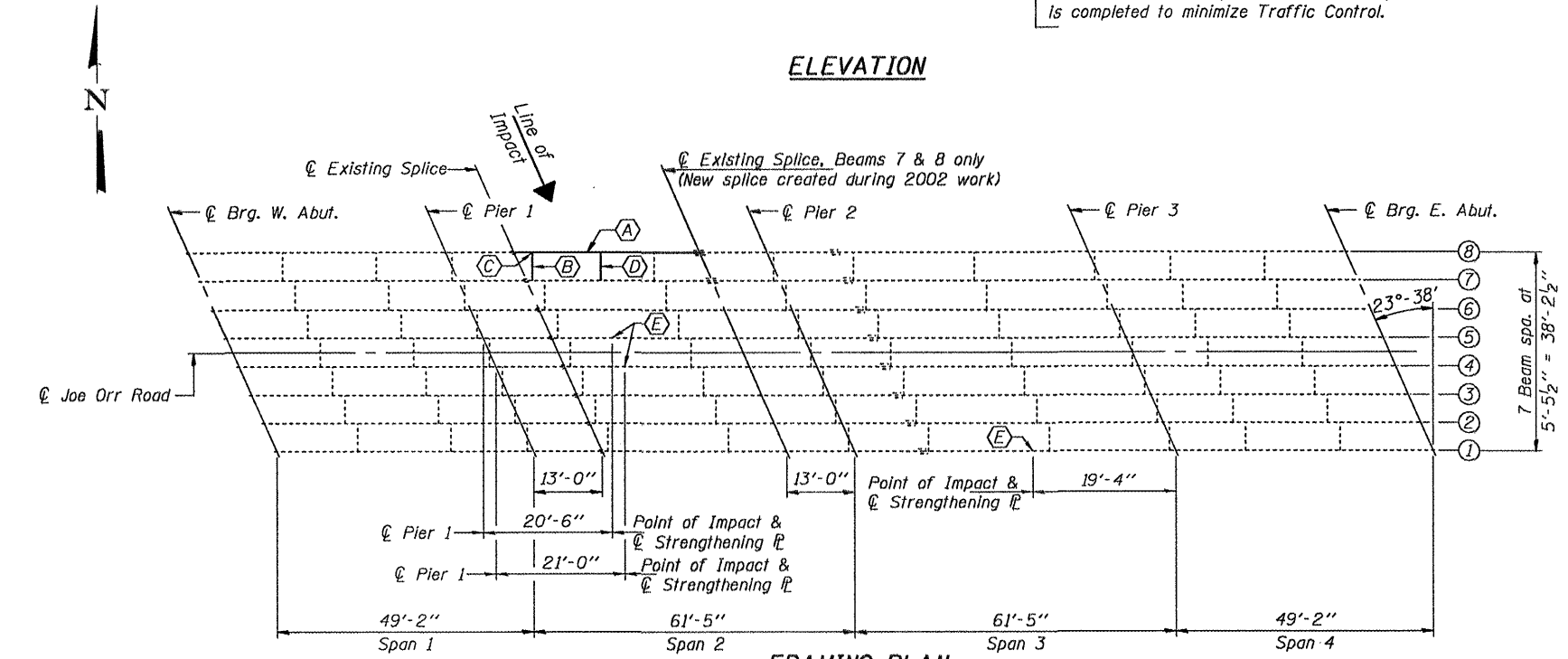


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ELEVATION



FRAMING PLAN

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 shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.  
Reinforcement bars designated (E) shall be epoxy coated.  
Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.  
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.  
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 fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4. See Special Provision "Cleaning and Painting New Metal Structures".  
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".  
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".  
Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

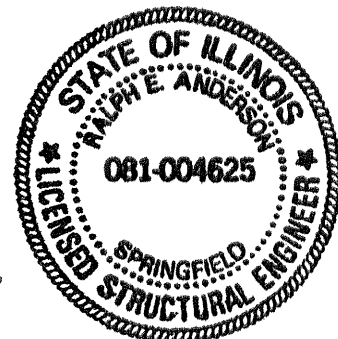
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	1.4
Concrete Superstructure	Cu. Yd.	1.4
Furnishing and Erecting Structural Steel	Pound	6220
Temporary Shoring and Cribbing	L.S.	1
Structural Steel Removal	Pound	4700
Reinforcement Bars, Epoxy Coated	Pound	70
Beam Straightening	L.S.	1

PLAN & ELEVATION  
SN 016-2121

DESIGNED *Adrian T. Holloway* APRIL 27, 2009  
CHECKED *[Signature]*  
DRAWN *Kyle M. Steffen*  
CHECKED *ASH*

EXAMINED *[Signature]*  
PASSED *Ralph E. Anderson*



Expires: November 30, 2010

SHEET NO. 1 5 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	332	0101.1 I-3	COOK	11	6
			CONTRACT NO. 60G33		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		