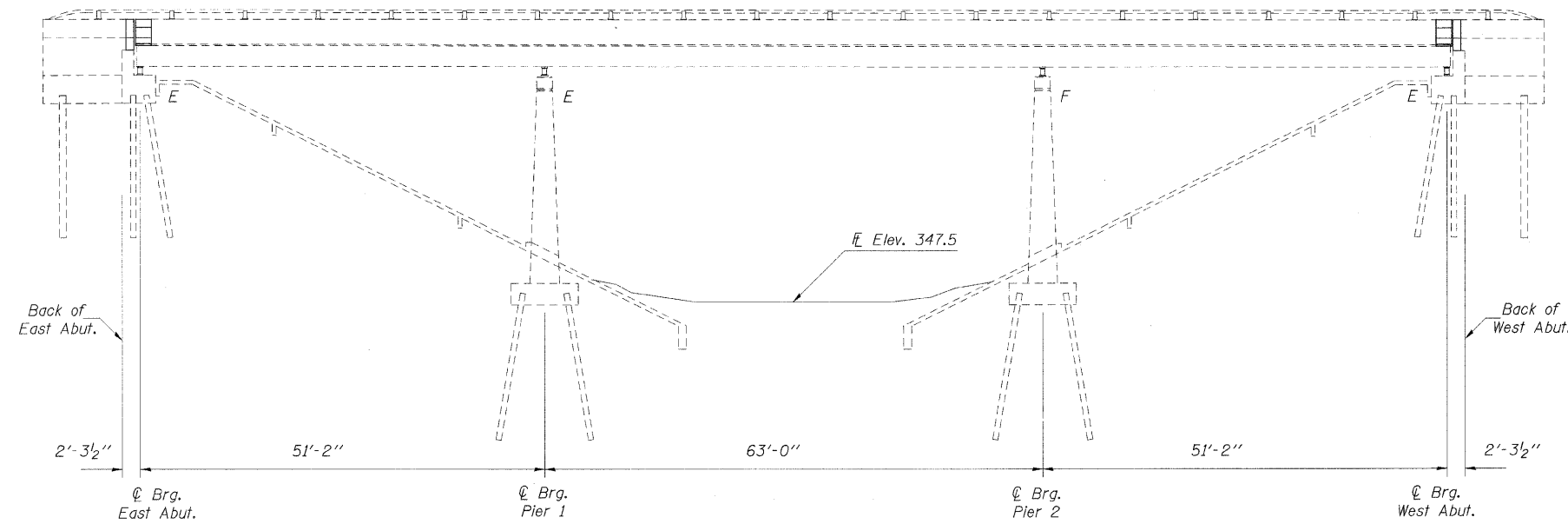


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	*	JACKSON	67	44
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS		FED. AID PROJECT
* D9 BSMART FY10-1				

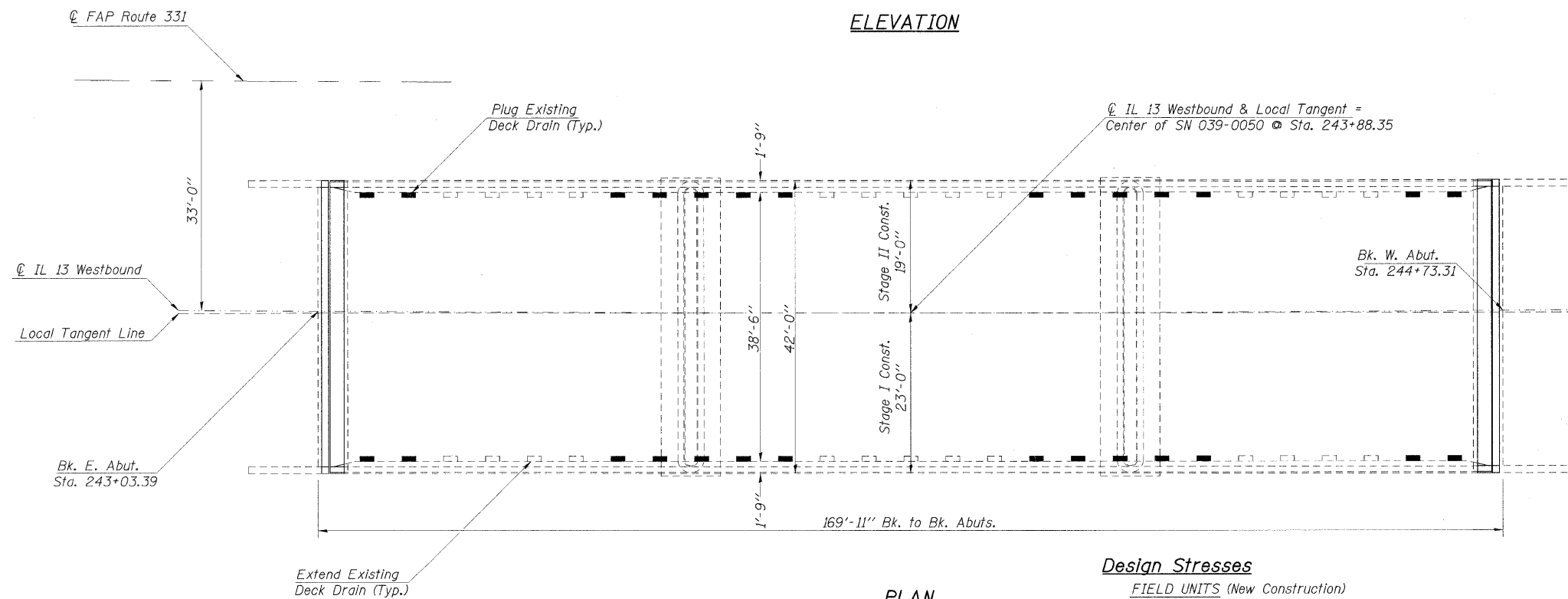
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts.
Bolts - 3/4" ϕ , holes - 5/8" ϕ , unless otherwise noted.
All structural steel shall be AASHTO M 270 Grade 36 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.
Prior to pouring the new concrete deck section, all heavy or loose rust, loose mill scale, and other loose or partially 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.
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.
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.
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.
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 shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Adjacent Areas of Existing Steel Structures".
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 Acrylic finish coat shall be Interstate Green, Munsell No. 7.5G 4/8. See Special Provisions for "Cleaning and Painting New Metal Structures".
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 Std. Specs. when the deck is poured at an ambient temperature other than 50° F.



ELEVATION



PLAN

Design Stresses

FIELD UNITS (New Construction)
f'c = 3,500 psi
fy = 60,000 psi (reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	9.6
Concrete Superstructure	Cu. Yd.	10.7
Bridge Deck Grooving	Sq. Yd.	684
Furnishing and Erecting Structural Steel	Pound	1734
Jack and Remove Existing Bearings	Each	12
Reinforcement Bars, Epoxy Coated	Pound	1450
Bar Splicers	Each	18
Preformed Joint Strip Seal	Foot	81
Elastomeric Bearing Assembly, Type I	Each	12
Anchor Bolts, 1"	Each	24
Bridge Deck Microsilica Concrete Overlay, 2 1/2"	Sq. Yd.	696
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	696
Protective Coat	Sq. Yd.	729
Plug Existing Deck Drains	Each	28
Floor Drain Extension	Each	26

**GENERAL PLAN AND ELEVATION
ILL 13 W.B. OVER MUD CREEK
JACKSON COUNTY
SN 039-0050**



Expires 11-30-2010

PLOT DATE = 3/25/2009
 FILE NAME = c:\pwwork\mudcreek\mudcreek\sn039-0050\006.dgn
 PLOT TIME = 1:08:11 PM
 USER NAME = porsche