

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
ILL. RTE. 47	*	GRUNDY	255	152
FED. ROAD DIST. NO. 7				

SHEET NO. 1
2 SHEETS

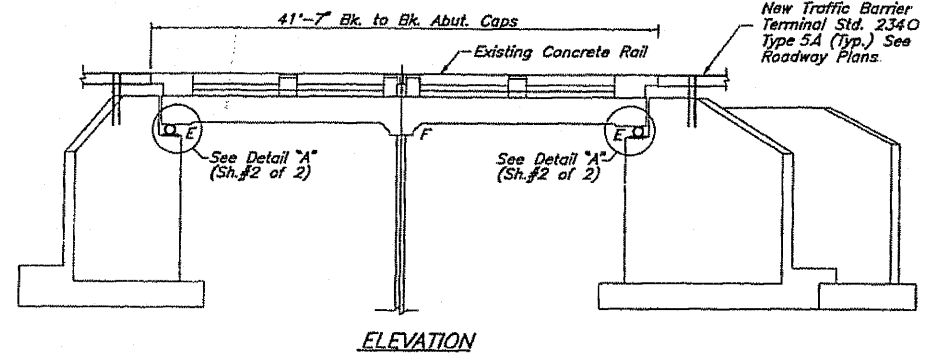
EXISTING STRUCTURE:
Two span R.C. slab superstructure 41'-7" Bk.-Bk.
Closed Abutments. Retrofit new curb mounted
steel rail, remove and replace wearing surface.
Replace roller bearings and bottom bearing plates.
Traffic to be maintained at all times utilizing
stage construction.
Str. No. 032-0072

GENERAL NOTES

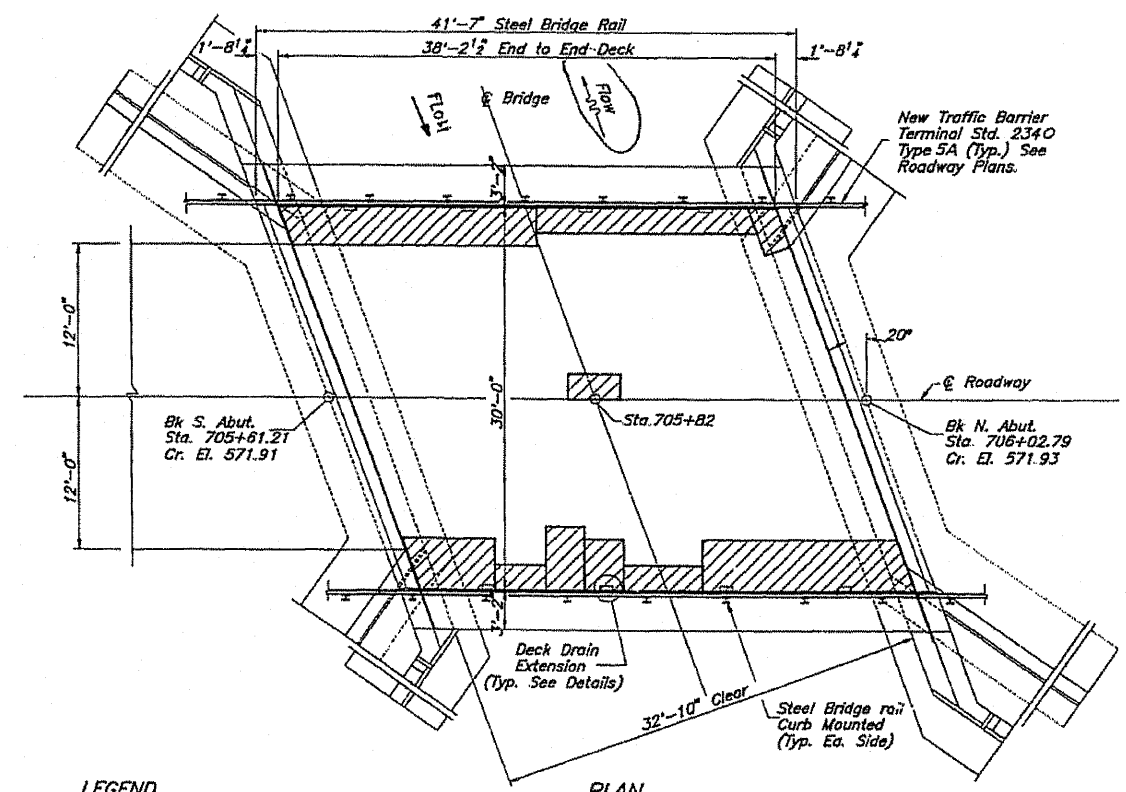
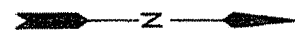
The Inorganic Zinc-Silicate / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the acrylic finish coat shall be Interstate Green Munsell No. 7.5 G 4/0. See Special Provisions.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 Grade 60. Debanded areas shown are based upon a survey taken before plan preparation and are for bidding purposes only. Actual areas to be repaired shall be determined by the Engineer in the field at the time of construction. Locations of partial and full depth bridge deck repair areas shall be determined by the Engineer in the field at the time of construction. Defective concrete areas shall be removed to the width, length, and depth required to reach sound concrete as determined by the Engineer.

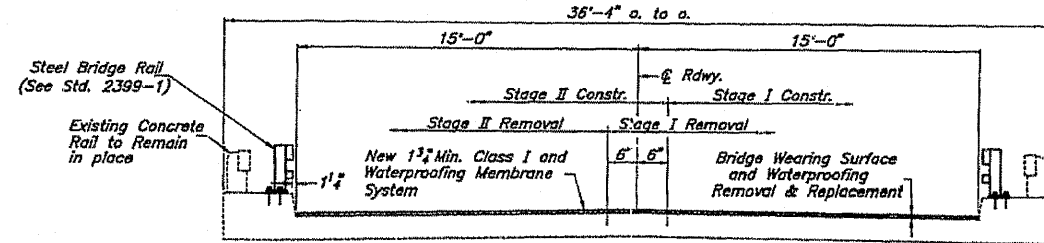


ELEVATION



PLAN

LEGEND
▨ Debanded Area
(From Deck Survey December, 1990)



**HALF CROSS SECTION
LOOKING NORTH**

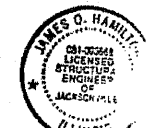
BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Steel Bridge Rail	Lf. Ft.	83
Jack and Remove Existing Bearings	each	12
Structural Steel	Lbs.	2,310
Bk. Conc. Surf. Cse., Mix. D, Class I, Type 2	Ton	10.7
Waterproofing Membrane System	Sq. Yd.	127
Bituminous Concrete Surface Removal	Sq. Yd.	127
Deck Drain Extensions	Each	8
Deck Slab Repair (Partial)	Sq. Yd.	26
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2

* See Special Provisions

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Ray E. Anderson
Engineer of Bridges and Structures



James O. Hamilton
4/18/94
License Expires 11/30/94

DESIGN STRESSES

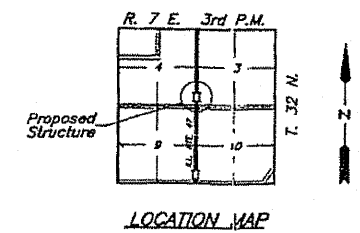
$f_c = 3,500$ p.s.i.
 $f_y = 36,000$ p.s.i. (Struc. Steel)
 $f_y = 60,000$ p.s.i. (Rein.)

DESIGN SPECIFICATIONS

1992 Interim Specifications

LOADING HS20-44

CASLER HOUSER & HUTCHISON INC.
1801 W. LAFAYETTE AVE., JACKSONVILLE, IL.



LOCATION MAP

BRIDGE DETAILS
F.A.P. RTE. 100 (ILL. RTE. 47)
SEC. 118BY-1
GRUNDY COUNTY
STRUCTURE NO. 032-0072

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN FOR INFORMATION ONLY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Hi:\jeff_delete\26854.002-graser\Techmod	Production\Civil\Microstation\sheets83.dgn	DRAWN -	REVISED -			326	118 BR	GRUNDY	35	27	
PLOT SCALE = 28.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 66689					
PLOT DATE = 8/11/2008		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					