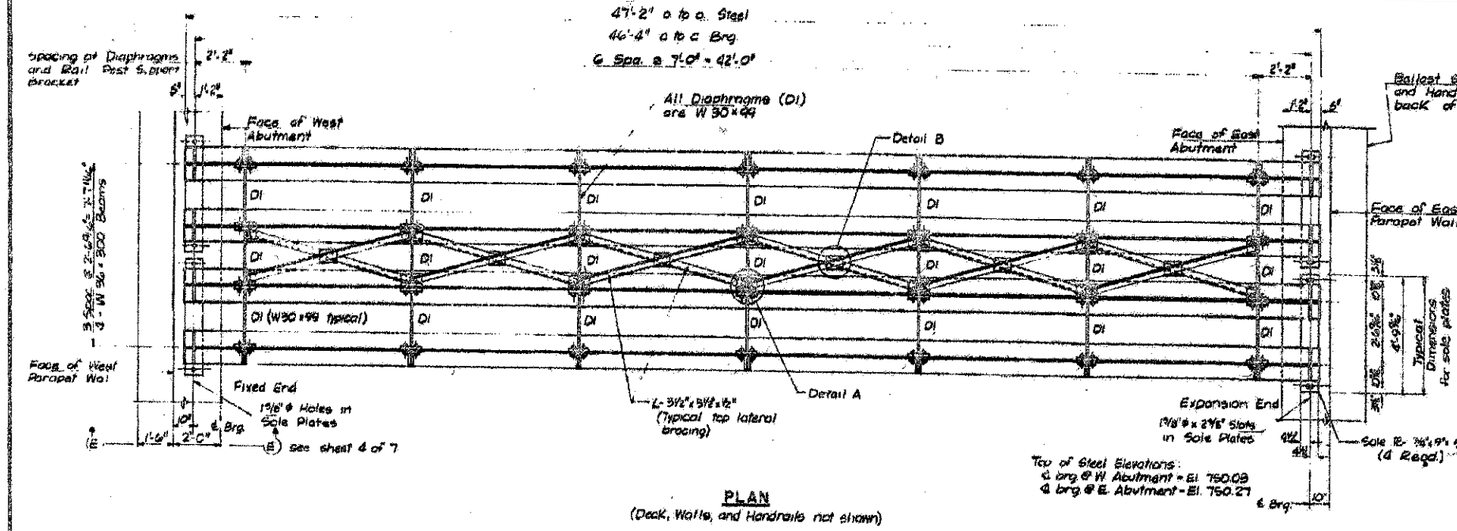
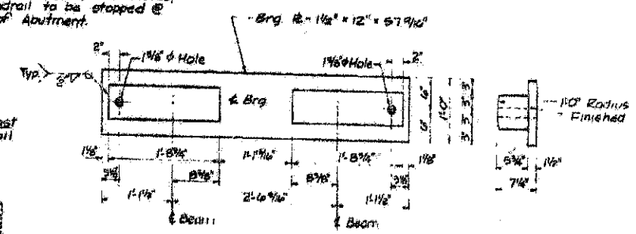
49-SB	KANE	28	21

SHEET 3 OF 7

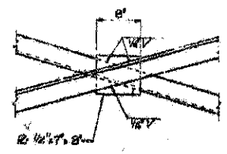


PLAN
(Deck, Walks, and Handrails not shown)

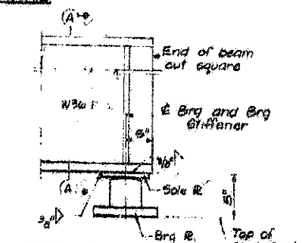
Top of Steel Elevations:
℄ brg @ W. Abutment = El. 750.09
℄ brg @ E. Abutment = El. 750.27



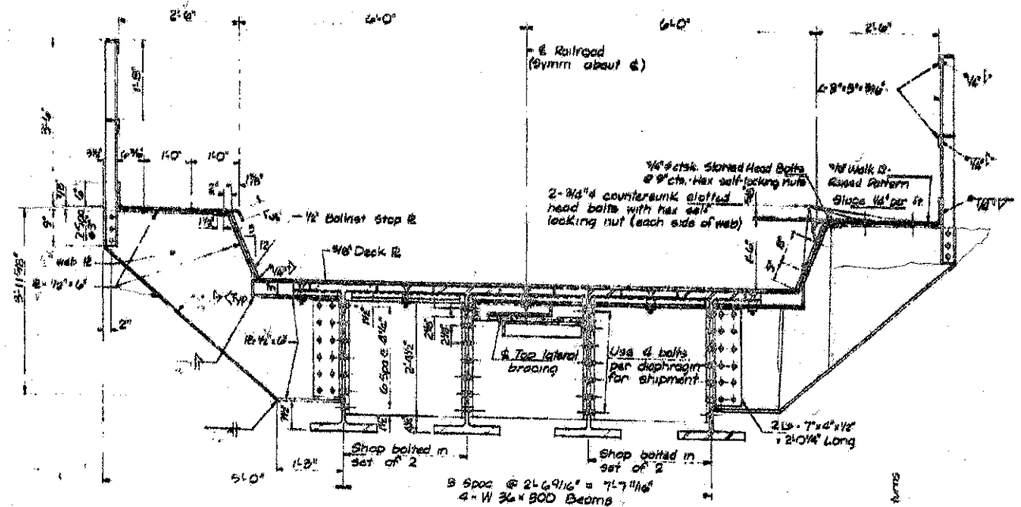
BEARING PLATE DETAIL
(4 Req'd)



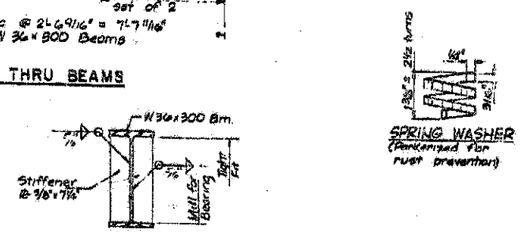
DETAIL B



BEARING ASSEMBLY

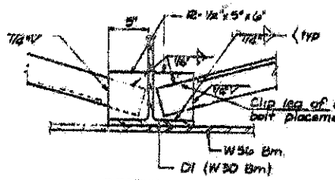


TYPICAL SECTION THRU BEAMS

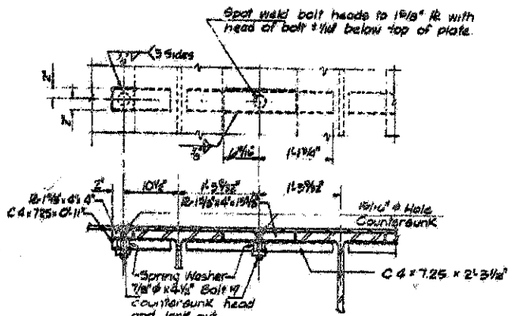


BEARING STIFFENER DETAIL
SECTION A-A

SPRING WASHER
(Galvanized for rust prevention)



DETAIL A



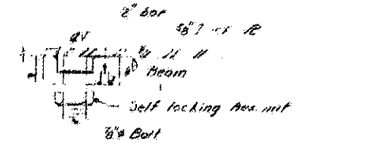
DETAILS OF DECK PLATE FASTENERS

NOTES

1. Bolts shall be 7/8" ϕ unless noted otherwise.

2. Reaming: Holes in webs of beams shall be subdrilled 9/16" smaller than the nominal size of bolts. Holes in the member connecting to web shall be subdrilled or subpunched 9/16" smaller than the nominal size of the bolt holes, then shall be reamed to size after assembly.

3. The basic Lead Silica Chromate paint system shall be used for shop and field painting of Structural Steel.



ALTERNATE DECK Pl. FASTENER

Total Weight of Structural Steel = 99,560#

SUPERSTRUCTURE
C. & N.W. RY. OVER F.A.S. RTE. 106
C.H. ROUTE 13 (ILL. RTE. 25)
SECTION 49-SB-1
KANE COUNTY, ILLINOIS

DRAWN TJR	WALTER E. HANSON COMPANY	JOB NO.	140428
CHECKED DLF	STRUCTURAL ENGINEERS		
CHECKED WDL	CONSULTANTS	DATE	Oct. 18, 1971
CHECKED TJR	OPHEIM, ILLINOIS	PEORIA, ILLINOIS	

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10074

FOR INFORMATION ONLY

FILE NAME = Existing Plans (BR)dgn	USER NAME = rgrimm	DESIGNED - JLS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	M.P. 37.71 BELVIDERE SUBDIVISION – EXISTING BRIDGE EXISTING PLANS SHEET (3 OF 7)
		CHECKED - LRB	REVISED -		
	PLOT SCALE =	DRAWN - RMG	REVISED -		
	PLOT DATE = 12/13/2012	CHECKED - LRB	REVISED -		SHEET NO. UP-48 OF UP 52 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-18-RP	KANE	451	308
		CONTRACT NO. 63598		
	ILLINOIS FED. AID PROJECT			

12/13/2012 3:14:25 PM X:\100025\10074\Engineering Documents\Phase II\SN_045.3168_UPRR_Bridge\PLANS\Exist_Plans (BR)dgn