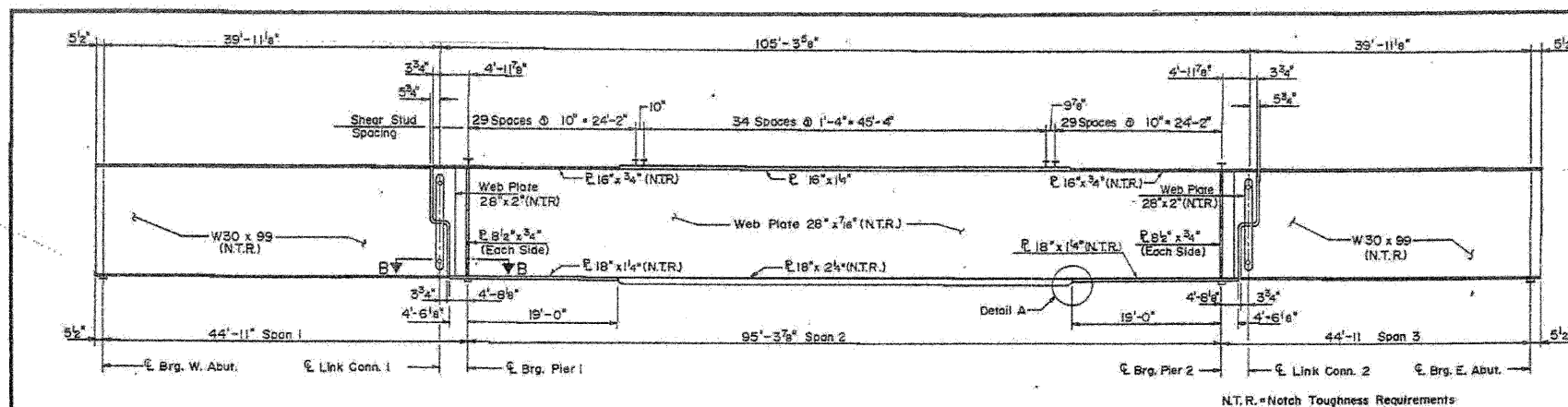
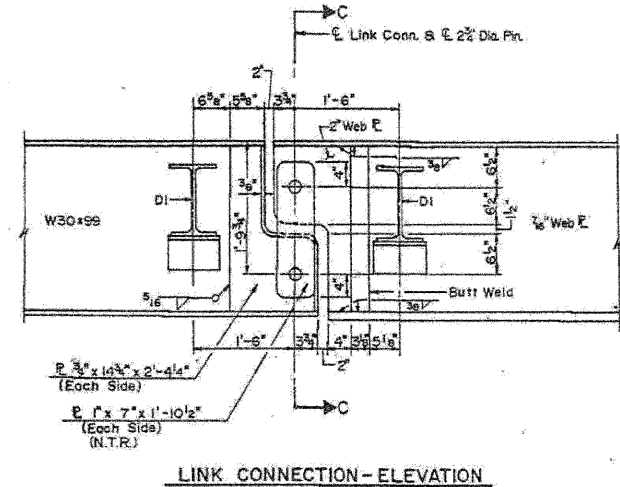
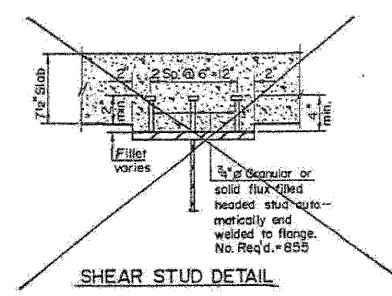


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

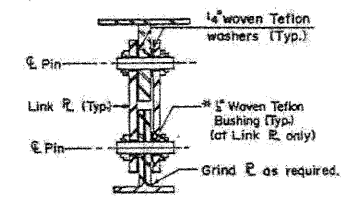
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 431	22-5HB	DU PAGE	131	59
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT			
SHEET 12 OF 59				



GIRDERS 8, 9 & 10 - ELEVATION
For Web to Flange Weld, See Weld Table

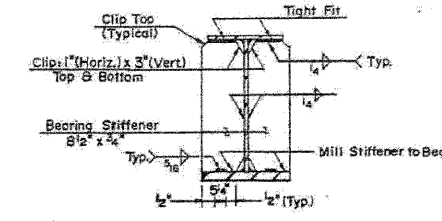


LINK CONNECTION - ELEVATION

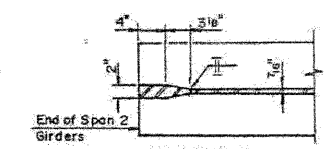


SECTION C-C

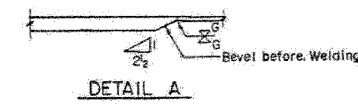
* Self Lubricating filament wound epoxy matrix backed Duralon bearing on metal backed Fibre Glass Bearing or equivalent. Cost incidental to Structural Steel.
(Link with W Girder shown, link with R Girder similar.)



SECTION AT PIERS



SECTION B-B



DETAIL A

WELD TABLE

Flange Thickness	Weld Size
Over 3/4" to 1 1/2"	5/16"
Over 1 1/2" to 2 1/4"	3/8"

Weld Size shall be as tabulated U.G.N.

REPLACEMENT GIRDER 20 NOTES

THE WELDED PLATE GIRDER (CENTER SPAN) PORTION OF EXISTING GIRDER 20 SHALL BE REPLACED WITH A NEW WELDED PLATE GIRDER AS SHOWN. WORK UNDER THIS CONTRACT SHALL INCLUDE FABRICATING AND DELIVERING THE CENTER PORTION OF GIRDER 20 LOCATED BETWEEN LINK JOINTS. ALSO INCLUDED SHALL BE FURNISHING AND DELIVERING ALL LINK PLATES, LINK PINS, AND ASSOCIATED LINK HARDWARE TO BE ATTACHED TO GIRDER 20. ALSO INCLUDED SHALL BE TOP BEARING PLATES FOR BEARINGS AT PIER 1 AND PIER 2 ONLY.

- GIRDER 20 ERECTION NOTES:**
- HOLES FOR ATTACHING PROPOSED DIAPHRAGMS TO GIRDER 20 REPLACEMENT SHALL BE SHOP DRILLED.
 - HOLES FOR ATTACHING EXISTING DIAPHRAGMS TO GIRDER 20 REPLACEMENT SHALL BE FIELD DRILLED USING EXISTING CONNECTING ANGLES AS TEMPLATE.
 - ATTACH GIRDER 20 REPLACEMENT AT EXISTING BEARING DIAPHRAGMS ONLY. POUR CONCRETE DECK THEN FIELD DRILL AND ATTACH REMAINING EXISTING DIAPHRAGMS.

GIRDER DETAILS-S.B.L.
F.A.P. ROUTE 431
SECTION 22-5HB
DU PAGE COUNTY
STATION 1239 + 52.66
STRUCTURE NO. 022-0111

MTA, INCORPORATED	
DESIGNED: MJS	CHECKED: PL
DRAWN: AE	DATE: NO.

EXISTING PLAN INFORMATION 5 OF 13
STRUCTURE NO. 022-0111

FOR INFORMATION ONLY

benesch
alfred benesch & company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0460 Job No. 10050

SHEET NO. 20	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	22(1, 1-1, 2&3)RS-7	DUPAGE	546	465
28 SHEETS	355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

PREFABRICATION CONTRACT

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