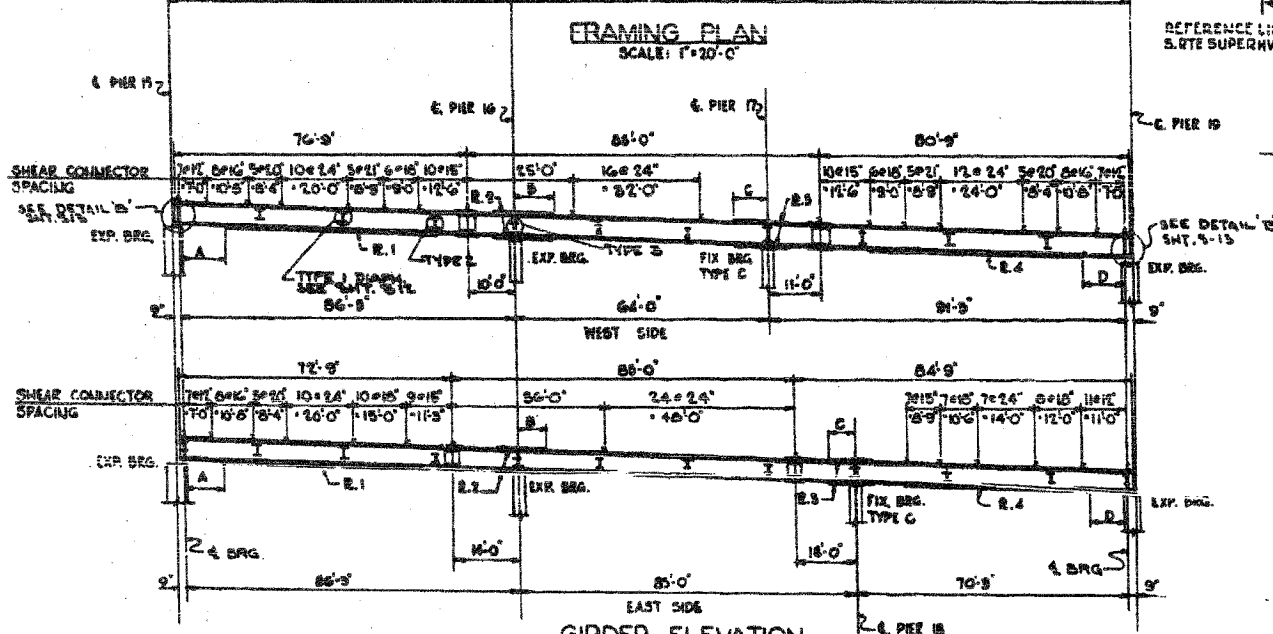
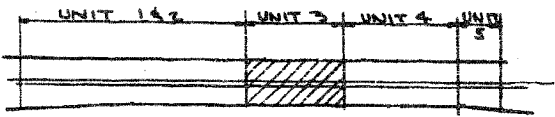


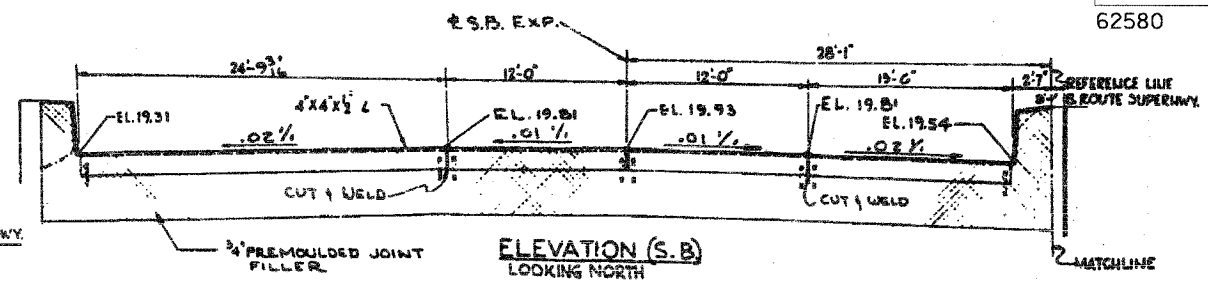
FRAMING PLAN
SCALE: 1"=20'-0"



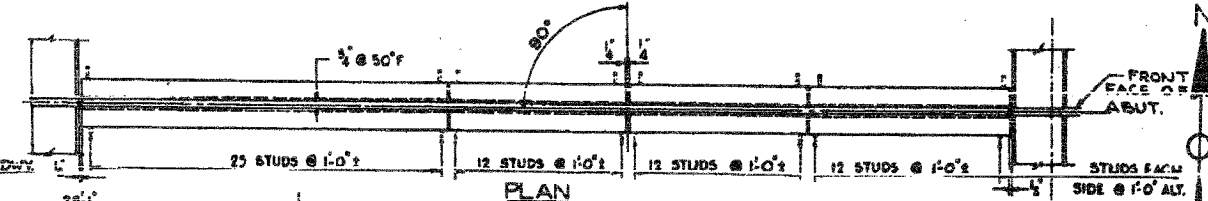
GIRDER ELEVATION
HOR. SCALE: 1"=20'-0"
VER. SCALE: 1"=10'-0"



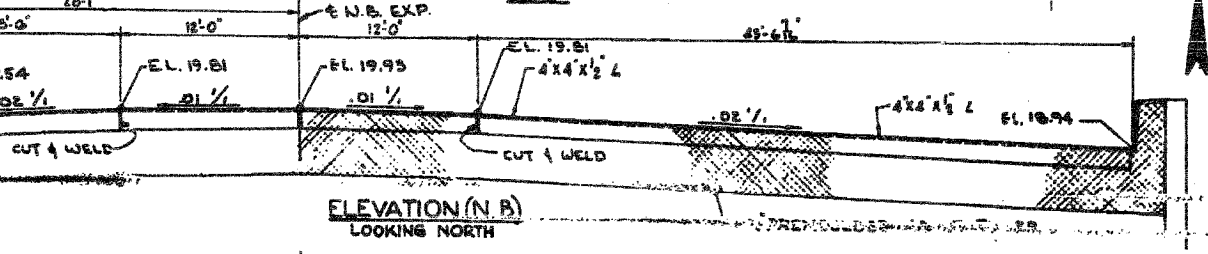
KEY PLAN



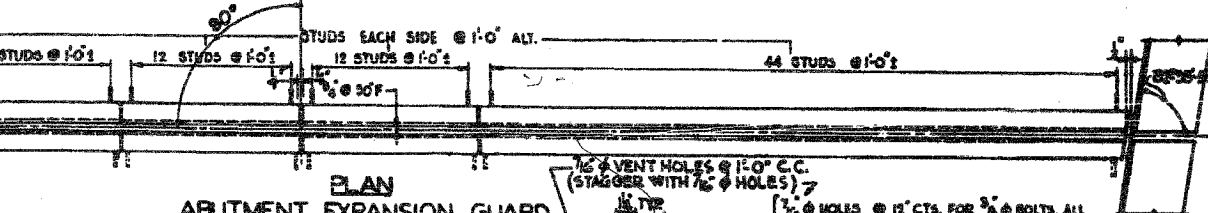
ELEVATION (S.B)
LOOKING NORTH



PLAN

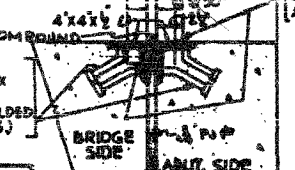


ELEVATION (N.B)
LOOKING NORTH



PLAN
ABUTMENT EXPANSION GUARD

SCALE: HOR. 1/2"=1'-0"
VER. 3/8"=1'-0"



JOINT DETAIL
SCALE: 1 1/2"=1'-0"

BILL OF MATERIAL			
ITEM	UNIT	A7	A375
GIRDERS	POUND	890,825	89,160
DIAPHRAGMS	POUND	36,945	
ABUT. EXP. GUARD	POUND	3,955	

SPICE PLATES & BEARINGS BILLED ON SHEET S-18, FILL PLATES & BEARINGS ON S-15. INCLUDED IN WEIGHT ON SMT 512.

GIRDER	COVER PLATE OFFSETS				COVER R.1	1-PLATES COVER R.2	2-PLATES COVER R.3	COVER R.4
	A	B	C	D				
43	8'-0"	8'-0"	11'-0"	8'-0"	15x2x16TG	10x2x16TG	10x2x16TG	15x1x16TG
44 TO 46	8'-0"	7'-0"	8'-0"	8'-0"	10x2x15TG	10x2x15TG	10x2x15TG	10x1x15TG
47	8'-0"	7'-0"	8'-0"	8'-0"	10x2x15TG	10x2x15TG	10x2x15TG	10x1x15TG
48 TO 51	8'-0"	7'-0"	8'-0"	8'-0"	10x2x15TG	10x2x15TG	10x2x15TG	10x1x15TG
52	8'-0"	8'-0"	11'-0"	8'-0"	15x2x16TG	10x2x16TG	10x2x16TG	15x1x16TG
53 TO 57	7'-0"	11'-0"	7'-0"	7'-0"	10x2x14TG	10x2x14TG	10x2x14TG	10x1x14TG
58 TO 61	7'-0"	11'-0"	7'-0"	7'-0"	10x1x14TG	10x1x14TG	10x2x14TG	10x1x14TG
62	7'-0"	8'-0"	8'-0"	7'-0"	15x2x16TG	15x2x16TG	10x2x16TG	10x2x16TG

* NOTE: ALL COVER PLATES OVER 1" THICK & ALL W BEAMS WITH COVER PLATES OVER 1" THICK ARE TO BE TYPE-A375 STRUCTURAL STEEL, ALL OTHERS TO BE TYPE-A7 STRUCTURAL STEEL.

Designed By: J.E.
Drawn By: P.R.T.
Checked By: R.M.S.
In Charge: H.S.WLF
Approved By: L.N.RIAN

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
EXISTING PLAN INFORMATION
SN 016-0137

SCALE: NTS
DATE: 7/22/2005
DRAWN BY: BDC
CHECKED BY: BLU

Sheet S14 of 64

DE LEUNIGER & COMPANY
CONSULTING ENGINEERS CHICAGO
DATE: JUNE 1991
SHEET S14 OF 64 SHEETS

11/4/95 AM 7/19/2005