STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

					SHEET NO. 9
			106	59	15 SHEETS

* 110(RS-2, BE, SC-1, S-2)
** GRUNDY & KENDALL

BAR x (E)

NOTE : Reinforcement bars shown on this sheet are included in Bill of Material on Sheet #8 of 15

PREFORMED JOINT SEAL ($1\frac{3}{4}$")

BAR x1(E)

Notes : See sheet #12 of 15 for location of side retainers. See sheet #4 of 15 for splicer details.

BAR s (E)

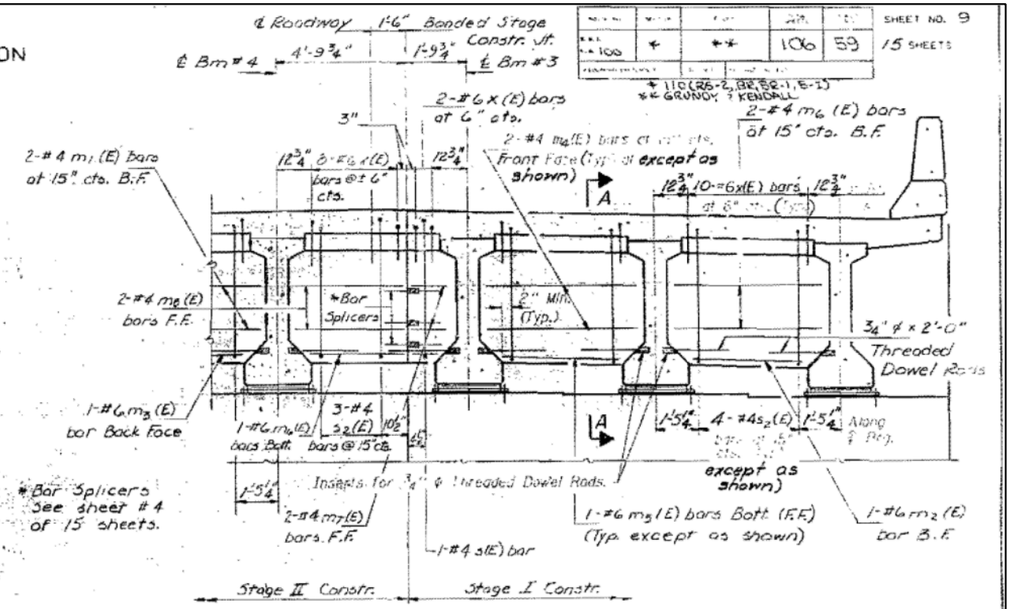
$\frac{3}{4}$"ϕx6" Granular or Solid flux filled headed studs conforming to Art. 710.38 of the Std. Spec's. Automatically end welded at 12" cts. (52 req'd., each side)

$\frac{1}{4}$"x$\frac{1}{2}$" Bars ($2\frac{1}{2}$" from top) Tack weld at 6" cts.

DETAIL "A"

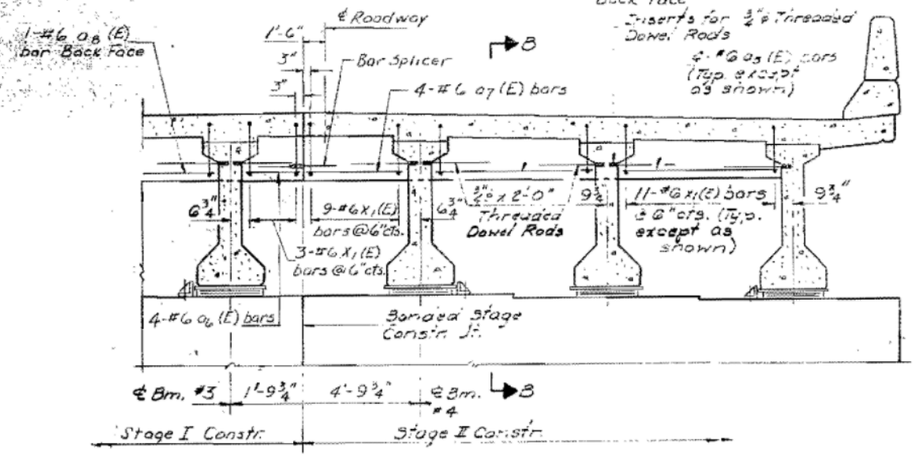
TYP. END OF SEAL TREATMENTS

* $\frac{7}{16}$" ϕ Holes at 12" cts. for $\frac{3}{8}$" ϕ bolts set on 3" gage line. Bolts shall be cut off flush when forms are removed.

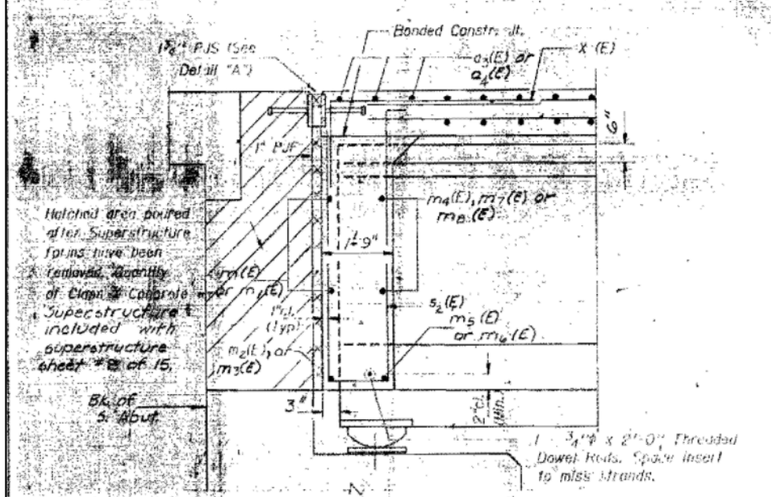


* Bar Splicers See sheet #4 of 15 sheets.

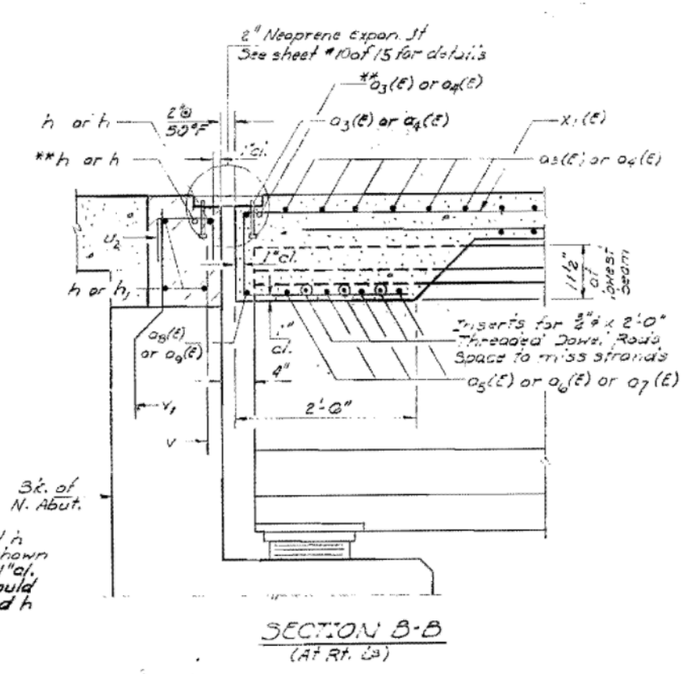
DIAPHRAGM AT SOUTH ABUTMENT
(Looking South)



DIAPHRAGM AT NORTH ABUTMENT
(Looking North)



SECTION A-A
(Aℓ Rt. ℄)



SECTION B-B
(Aℓ Rt. ℄)

** Place a3(E) or a4(E) and h or h1 bars in back as shown if required to maintain 1"cl. (±0-6"). Anchor bolts should be tied to a3(E) or a4(E) and h or h1 bars.

DESIGNED - V.K.T. / M.E.K.
CHECKED - Eric Hendy
DRAWN - T.R.C. / M.E.K.
CHECKED - D.W.B. / G.H.T.
P.I. 2F # 55

May 22 1987
EXAMINED Gary D. Kasper
PASSED James T. Gaylord
APPROVED

FOR INFORMATION ONLY

DIAPHRAGM DETAILS
F.A. RT. 100 SEC. 110BR
GRUNDY COUNTY
STA. 736+58.25

FILE NAME = V:\3195\66B83 (South Section)\CADD Sheets\D366B83-sht-exstruct-8.dgn	USER NAME = bdecraene	DESIGNED -	REVISED -
	PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
SHT_PLAN	PLOT DATE = 8/6/2013	CHECKED -	REVISED -
		DATE - 7/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47
EXISTING BRIDGE PLANS

SCALE: N/A | SHEET 8 OF 23 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	406
		CONTRACT NO. 66B83		
		ILLINOIS	FED. AID PROJECT	