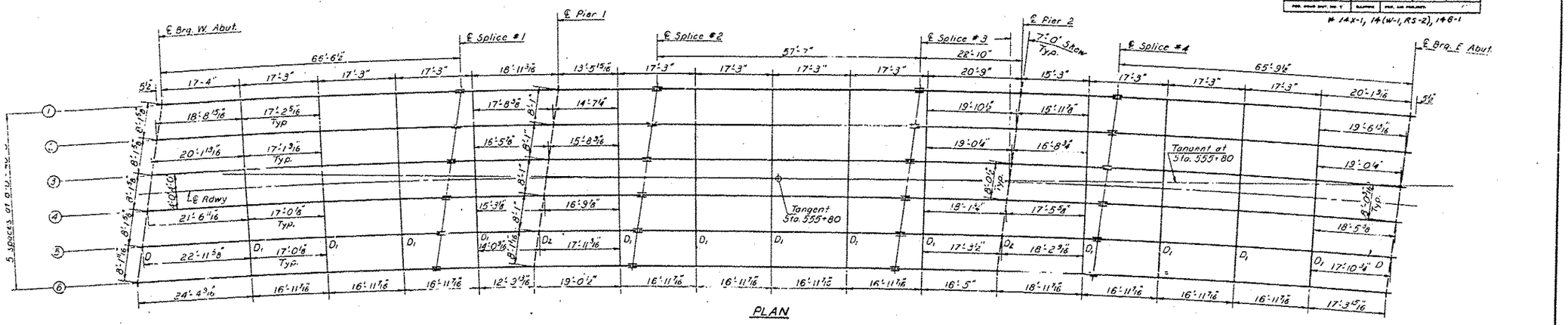
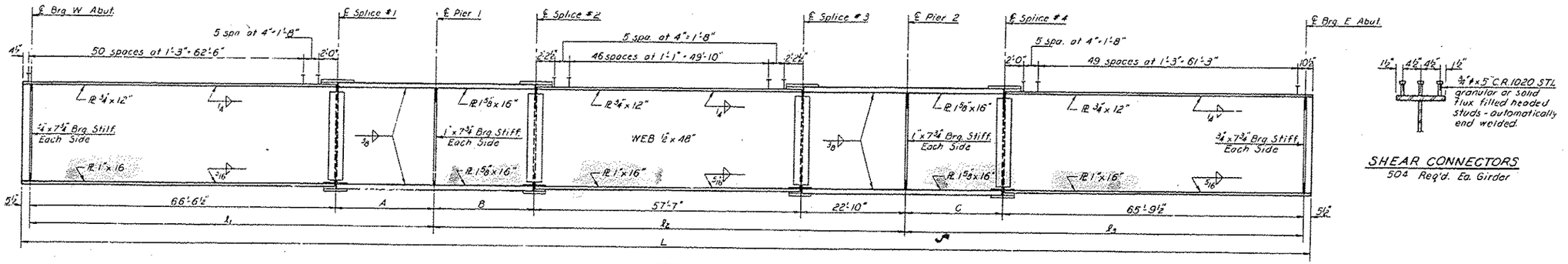
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

				SHEET NO. 8
F.A.I. Rte. 36	Sec.	Pike	119	45	16 SHEETS

14X-1, 14(W-1, RS-2), 14B-1





SHEAR CONNECTORS
504 Req'd. Ea. Girder

BEAM DIMENSIONS

Gir \ Dim	Radii	L	L_1	L_2	L_3	A'	B	C
1	2311.83	279'-3 9/16"	88'-0 9/16"	103'-2 9/16"	87'-1 9/16"	21'-5 9/16"	22'-9 9/16"	21'-4 1/16"
2	2303.83	279'-3 7/8"	88'-04"	103'-3"	87'-1 9/16"	21'-5 3/4"	22'-10"	21'-4 1/16"
3	2295.83	279'-4 1/16"	88'-0 9/16"	103'-3 1/16"	87'-1 9/16"	21'-5 9/16"	22'-10 1/16"	21'-4 1/16"
4	2287.83	279'-4 3/16"	88'-0 7/16"	103'-3 1/8"	87'-1 5/8"	21'-5 5/16"	22'-10 1/8"	21'-4 1/8"
5	2279.83	279'-4 1/16"	88'-0 9/16"	103'-3 3/4"	87'-1 9/16"	21'-6 1/16"	22'-10 1/16"	21'-4 3/16"
6	2271.83	279'-4 3/8"	88'-0 11/16"	103'-3 1/4"	87'-1 9/16"	21'-6 1/16"	22'-10 1/4"	21'-4 3/16"

Notes:
All beams shall be fabricated according to their respective radii.
All longitudinal dimensions are given along ℄ Girder.
All D_1 Diaphragms are radial.

DESIGNED	L. W. Dietz
CHECKED	Kevin Kmec
DRAWN	R. P. Summer
CHECKED	J.M.P.

EXAMINED 19 72
PASSED
APPROVED

STRUCTURAL STEEL
F.A. RT. 36 SEC. 14B-1
PIKE COUNTY
STATION 555+80

FOR INFORMATION ONLY

FILE NAME =	USER NAME = dudleybm	DESIGNED -	REVISED -
O:\OPERATIONS\Bridgeplans_CAD\72G07 - D6 painting 2013-1\planesheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 8.9688 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = Feb-27-2013 10:43:18AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

075-0076 EXISTING PLANS

SCALE: | SHEET | OF | SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 PAINTING 2013-1	ADAMS/PIKE	16	14
		CONTRACT NO. 72G07		
		ILLINOIS FED. AID PROJECT		