

11-9-12 LETTING ITEM 069

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE. 330	SECTION 2012-054 BP	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 1
		ILLINOIS CONTRACT NO. 60V56		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENTS ARE LOCATED IN THE VILLAGES OF WILLOW SPRINGS AND HODGKINS

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 330: US 12/20/45 (LA GRANGE RD)

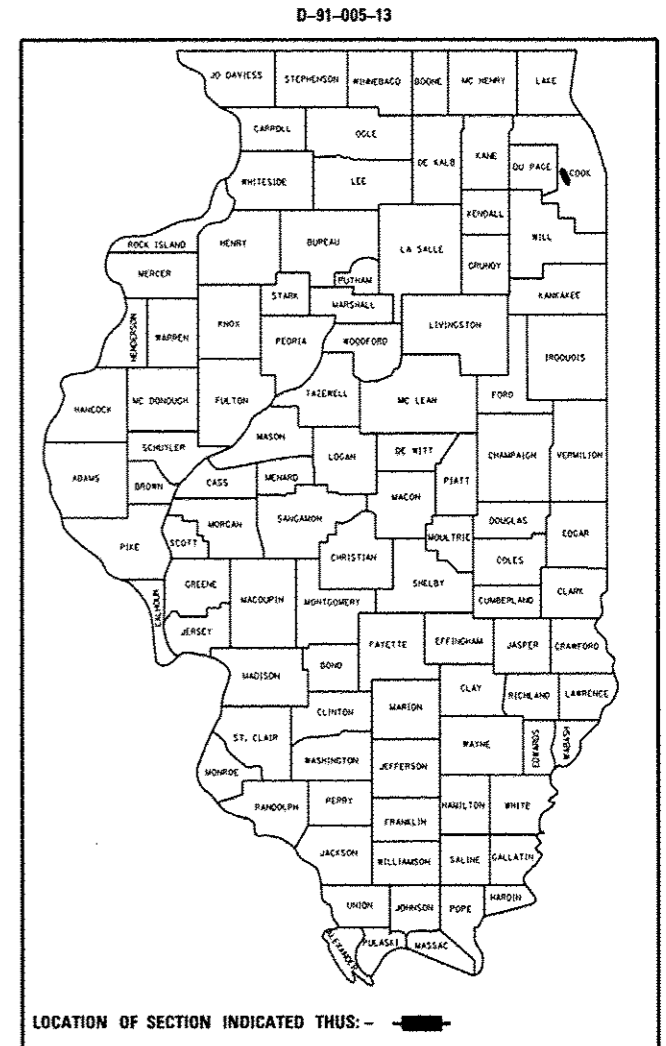
VARIOUS LOCATIONS SOUTH OF I-55

SECTION: 2012-054 BP

BRIDGE PAINTING

COUNTY: COOK

C-91-005-13



- LOC 1) SN 016-2406: US 12/20/45 SB (LA GRANGE RD) OVER S&S CANAL, I&M CANAL, AND ICG RR
- LOC 2) SN 016-2468: US 12/20/45 NB (LA GRANGE RD) OVER S&S CANAL, I&M CANAL, AND ICG RR
- LOC 3) SN 016-2407: US 12/20/45 SB (LA GRANGE RD) OVER DES PLAINES RIVER, SANTA FE DR, ET AL
- LOC 4) SN 016-2467: US 12/20/45 NB (LA GRANGE RD) OVER DES PLAINES RIVER, SANTA FE DR, ET AL

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: ROBERT BORO (847) 705-4237
PROJECT MANAGER: ISSAM RAYYAN

FOR LOCATION MAP SEE SHEET 5

CONTRACT NO. 60V56

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED SEPTEMBER 21, 2012

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 5, 2012
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 5, 2012
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
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3	GENERAL PAINT NOTES
4	SUMMARY OF QUANTITIES
5	LOCATION MAPS
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67	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STANDARDS

701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-02	TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF WILLOW SPRINGS AND HODGKINS.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY ALL DIMENSIONS & CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION & ORDERING OF MATERIAL.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE, BRIDGE INSPECTORS.

CONTRACTOR TO COORDINATE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF LAND ACQUISITION, PROPERTY MANAGEMENT SECTION, MIKE CULLIAN AT (847) 705-4280 AT LEAST 14 DAYS PRIOR TO BEGINNING WORK.

FILE NAME =	USER NAME = pughat	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE PAINTING AND DEBRIS REMOVAL - COOK COUNTY INDEX SHEETS, LIST OF STATE STANDARDS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\ps_work\psidot\pughat\08313773\018821	shu.plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	2	
#MODELNAME#	PLOT DATE = 9/21/2012	CHECKED -	REVISED -			CONTRACT NO. 60V56		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.

GENERAL NOTES FOR PAINT

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES".

A MINIMUM OF FOUR (4) AIR MONITORS WILL BE REQUIRED TO MONITOR ABRASIVE BLASTING OPERATIONS FOR ALL STRUCTURES. SEE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUE".

THE AREAS DESIGNATED TO BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10 SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1-OZ/E/U. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO. 5B 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE REDDISH BROWN, MUNSELL No. 2.5YR 3/4.

ALL ITEMS (SUCH AS, BUT NOT LIMITED TO: CONDUITS, BRACKETS AND DECK DRAINS) ATTACHED TO THE OUTSIDE OF THE FASCIA BEAMS SHOULD BE CLEANED AND PAINTED.

LOC 1) SN 016-2406 AND LOC 2) SN 016-2468
SOUTH AND NORTH ABUT., PIERS 4, 7 & 10

LOC 3) SN 016-2407
SOUTH AND NORTH ABUT., PIERS 4, 8, 12, 16, 20, 24, 27

ALL BEAMS, DIAPHRAGMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN FIVE (5) FEET, (MEASURED ALONG THE BEAM) OF EITHER SIDE OF ALL DECK JOINTS, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

LOC 4) SN 016-2467
SOUTH AND NORTH ABUT., PIERS 4, 6, 9, 12, 15, 18, 21, 25, 29, AND BOX CROSS GIRDER AT PIERS 1, 2, 3, 5, 7, 8, 10, 11, 13, 14, 16, 17, 19, 20, 22, 23, 24, 26, 27, 28.

ALL BEAMS, DIAPHRAGMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN FIVE (5) FEET, (MEASURED ALONG THE BEAM) OF EITHER SIDE OF ALL DECK JOINTS, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10. ALSO, ALL STEEL BOX CROSS GIRDERS AND ALL BEAMS WITHIN FIVE (5) FEET (MEASURED ALONG THE BEAM) ON EITHER SIDE OF THE BOX GIRDERS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

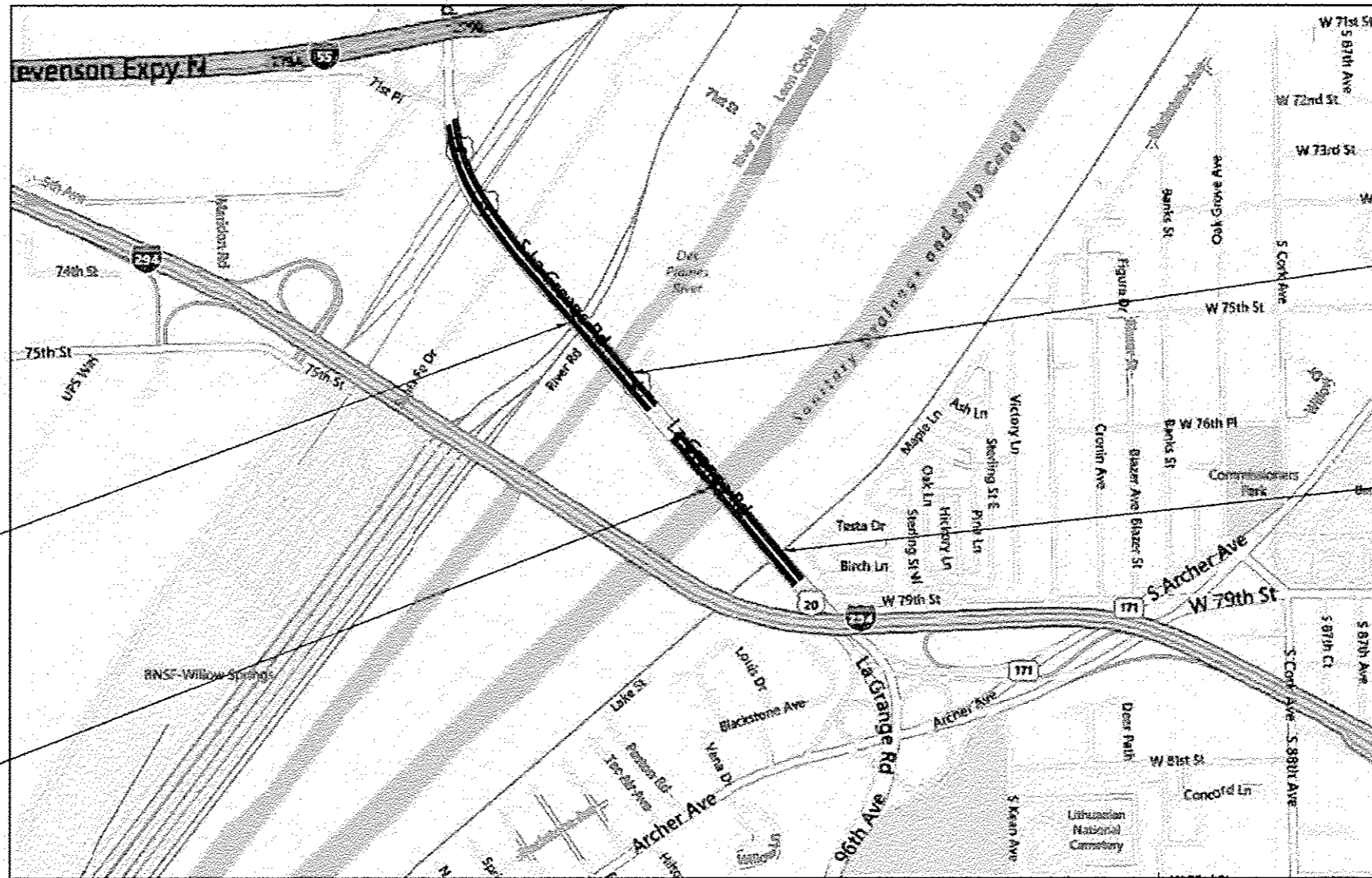
FILE NAME =	USER NAME = edouardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE PAINTING AND DEBRIS REMOVAL - COOK COUNTY GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 10/3/2012	DATE -	REVISED -			SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.		

TRAFFIC DATA

US-12/20/45 (W. LA GRANGE RD)
 2009 ADT = 74,300
 POSTED SPEED LIMIT = 45 MPH

R 12 E

T 38 N



LOCATION 1
 SN 016-2407
 US-12/20/45 SB (LA GRANGE RD)
 OVER DES PLAINES RIVER,
 SANTA FE DR, ET AL
 VILLAGE OF HODGKINS

LOCATION 3
 SN 016-2406
 US-12/20/45 SB (LA GRANGE RD)
 OVER S&S CANAL, I&M CANAL,
 AND ICG RR
 VILLAGE OF WILLOW SPRINGS

LOCATION 2
 SN 016-2467
 US-12/20/45 NB (LA GRANGE RD)
 OVER DES PLAINES RIVER,
 SANTA FE DR, ET AL
 VILLAGE OF HODGKINS

LOCATION 4
 SN 016-2468
 US-12/20/45 NB (LA GRANGE RD)
 OVER S&S CANAL, I&M CANAL,
 AND ICG RR
 VILLAGE OF WILLOW SPRINGS

LYONS TOWNSHIP

FILE NAME	USER NAME	DESIGNED	REVISED
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1/8" = 100'	9/21/2012	-	-
MODEL NAME	DATE	REVISED	-

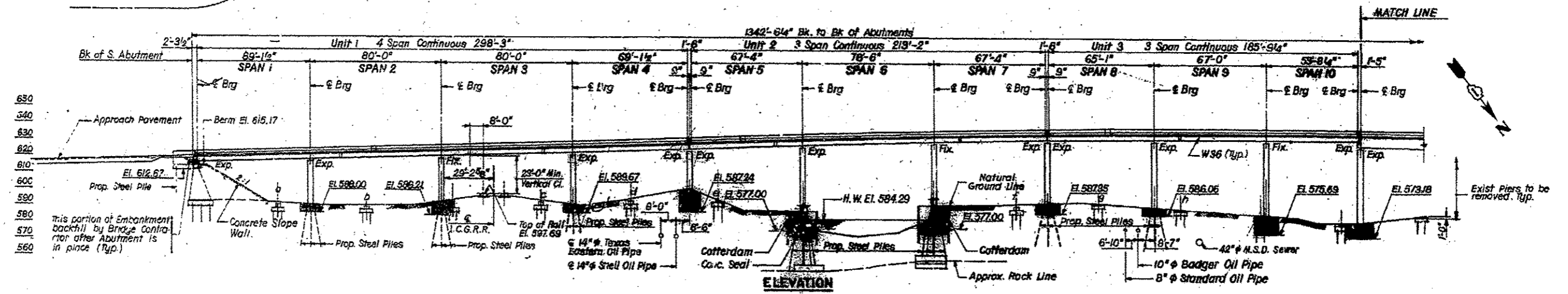
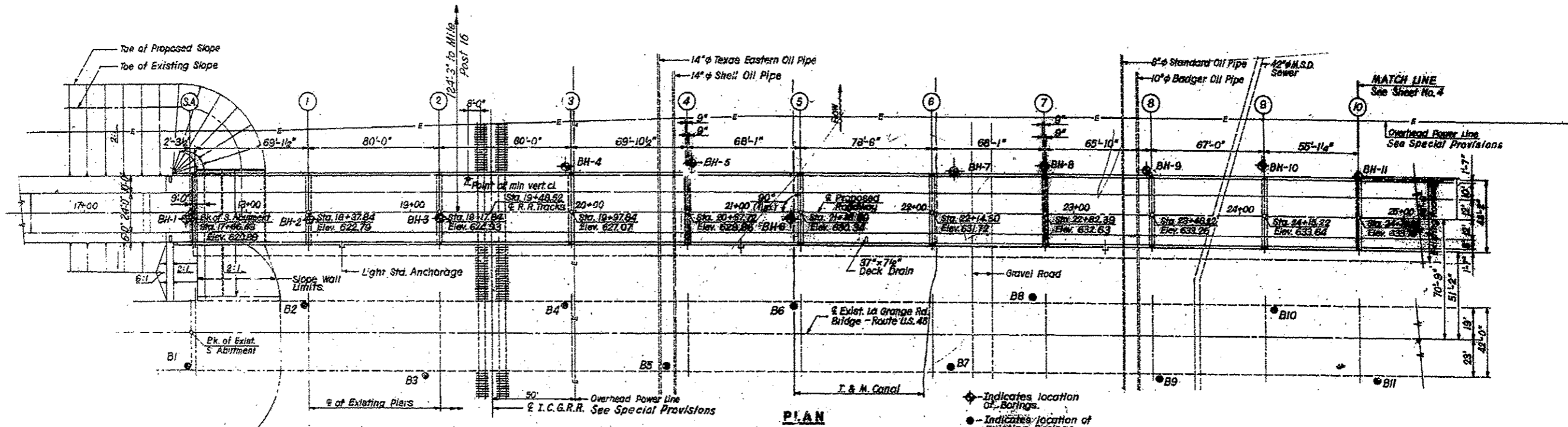
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE PAINTING LOCATION MAP - COOK COUNTY
 US 12/20/45 (LA GRANGE ROAD)

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

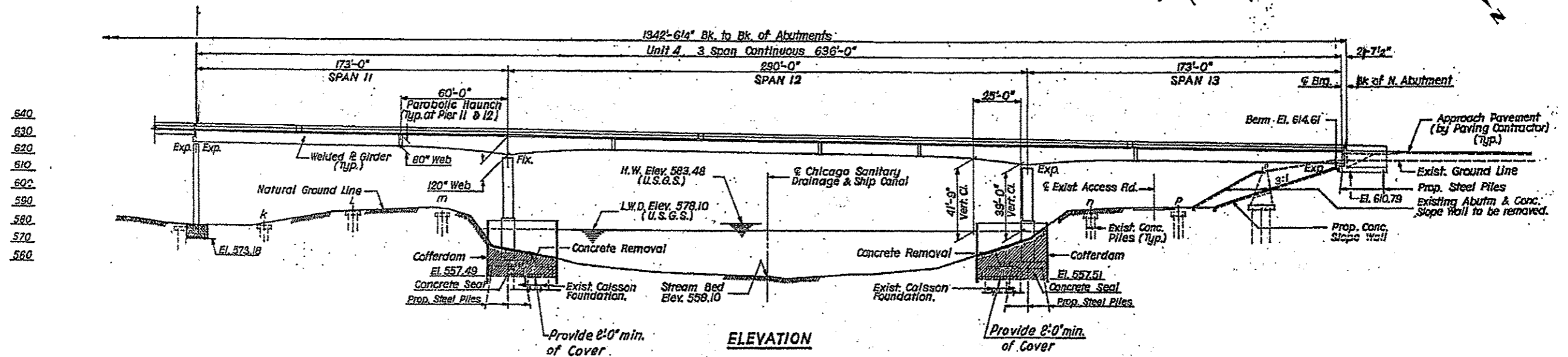
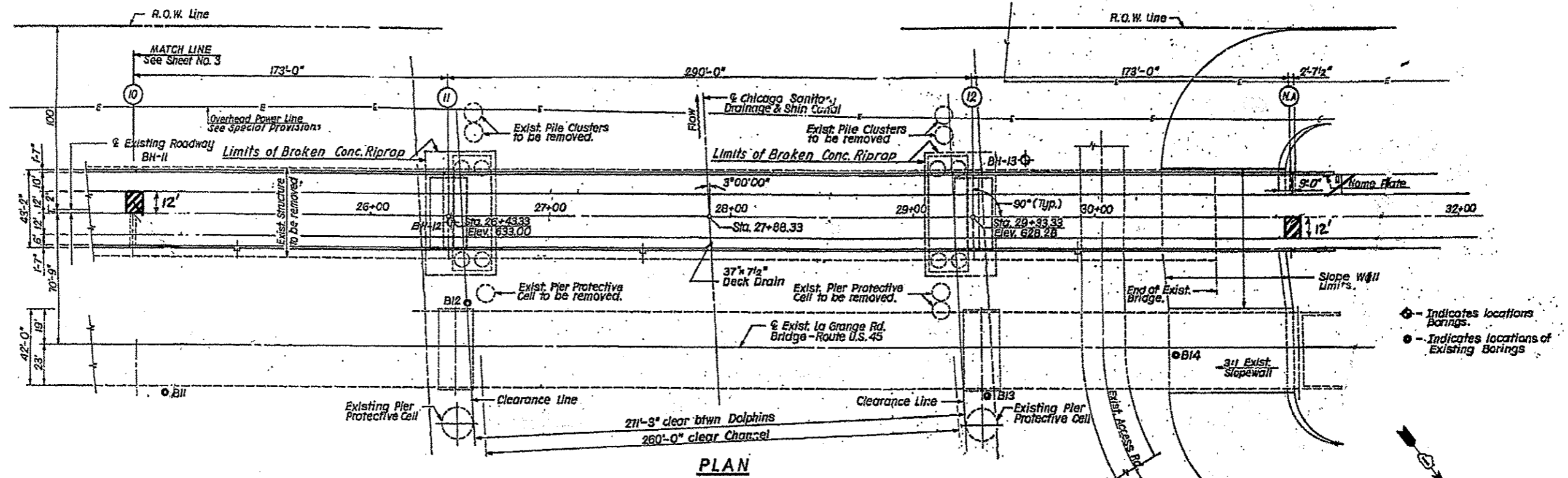
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-054 BP	COOK	75	5
CONTRACT NO. 60V56				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

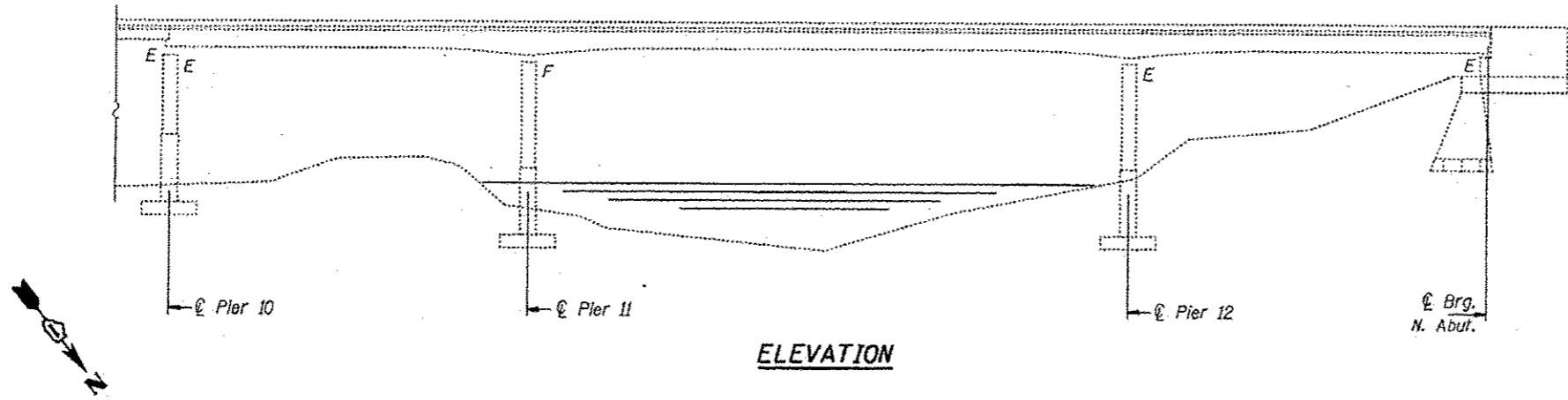
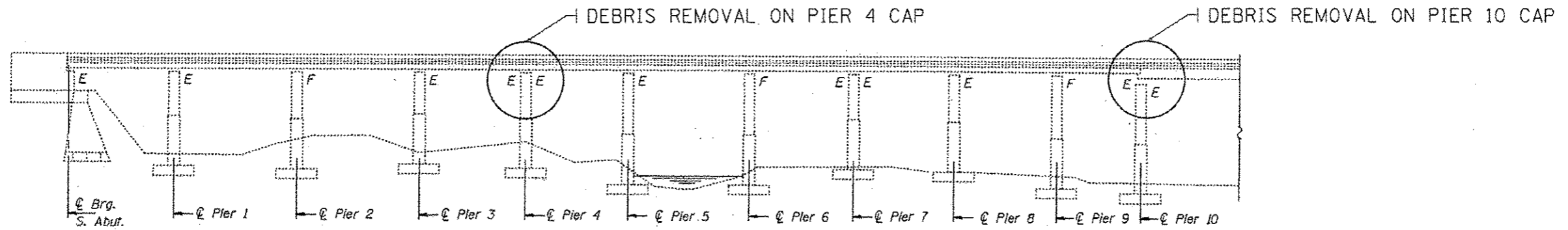


FILE NAME *	USER NAME * honga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE * 100.0000 / 1"		CHECKED -	REVISED -		SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.	CONTRACT NO. 60V56			ILLINOIS FED. AID PROJECT			
PLOT DATE * 9/28/2012		DATE -	REVISED -									

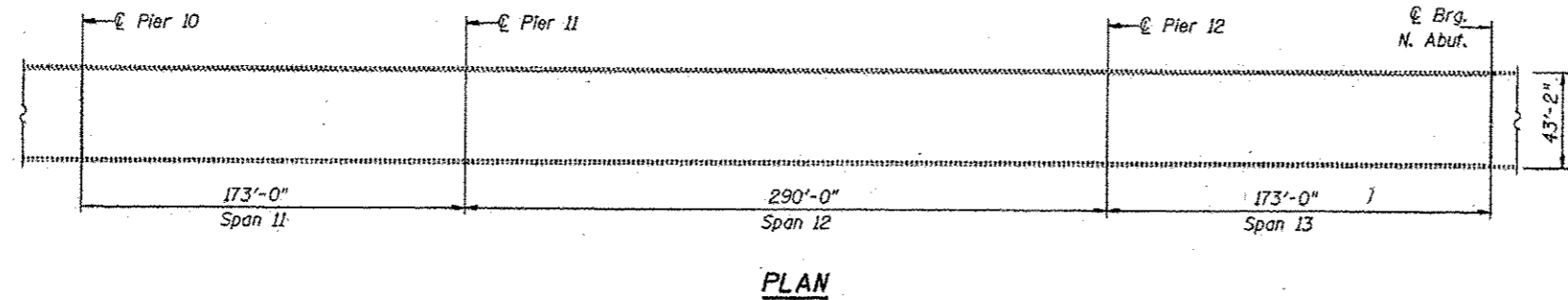
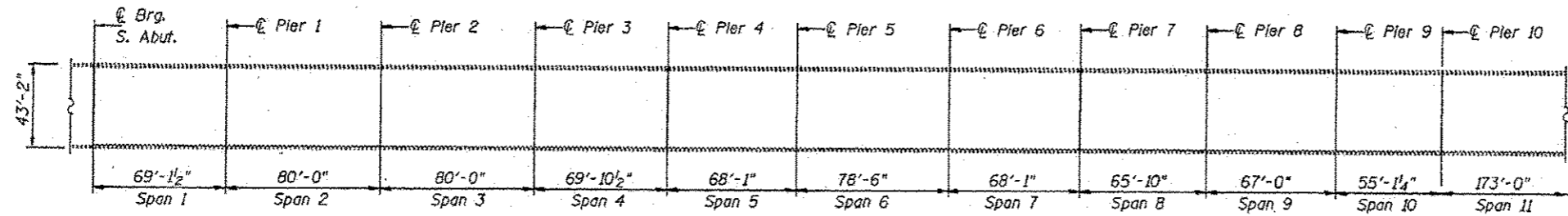
FOR INFORMATION ONLY



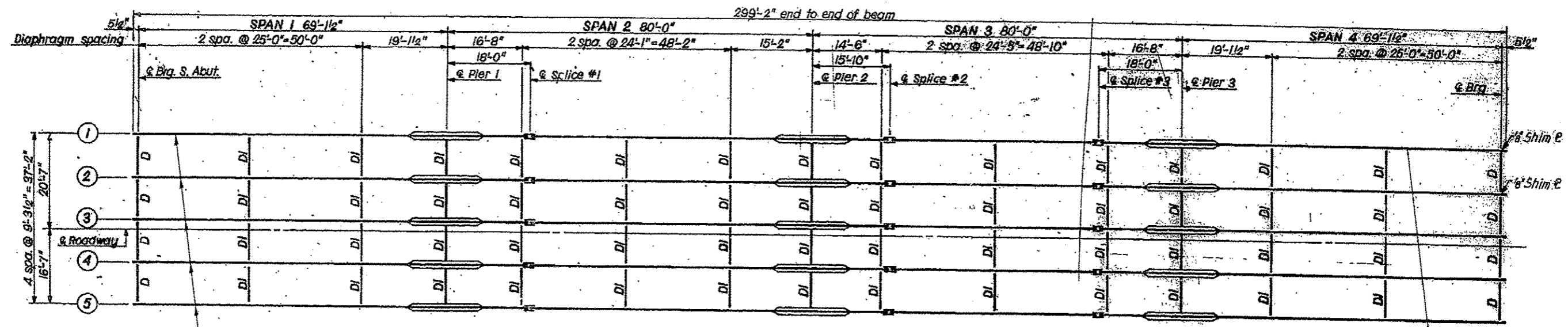
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PLOT SCALE = (80.8900) / in					CHECKED -	SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT			
PLOT DATE = 9/28/2012					DATE -								



TOTAL BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	Cu YD	6
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1
CLEANING AND PAINTING STEEL BRIDGE No. 1	L SUM	1



PIERS 4 & 10 BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	Cu YD	6



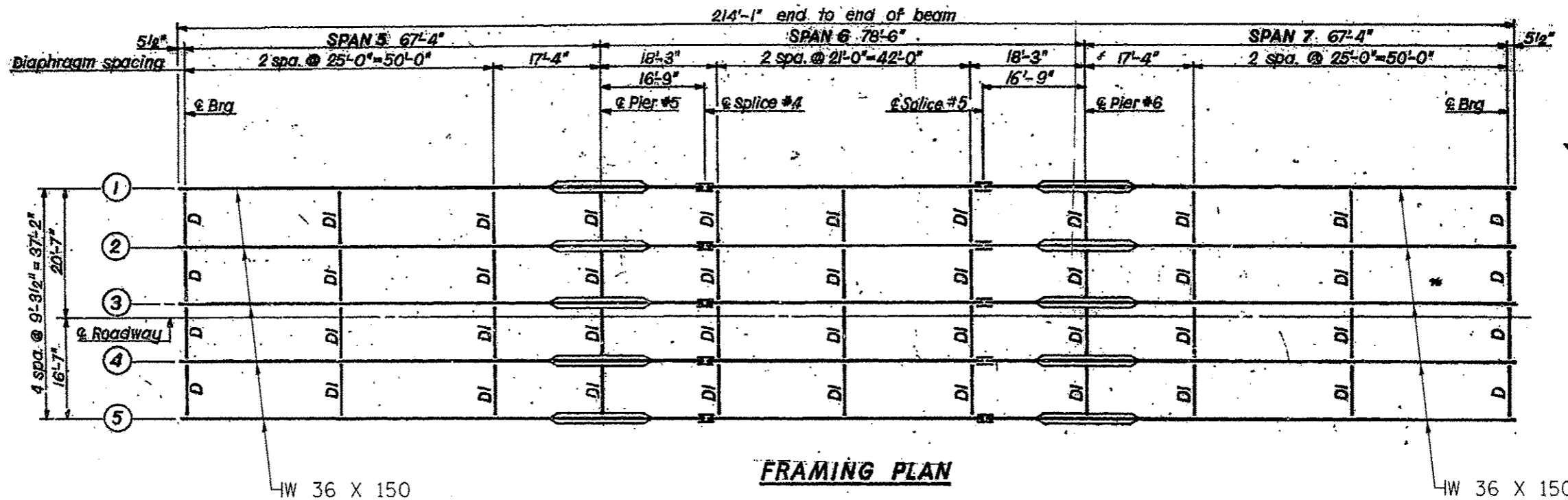
FRAMING PLAN

HW 36 X 150

HW 36 X 150

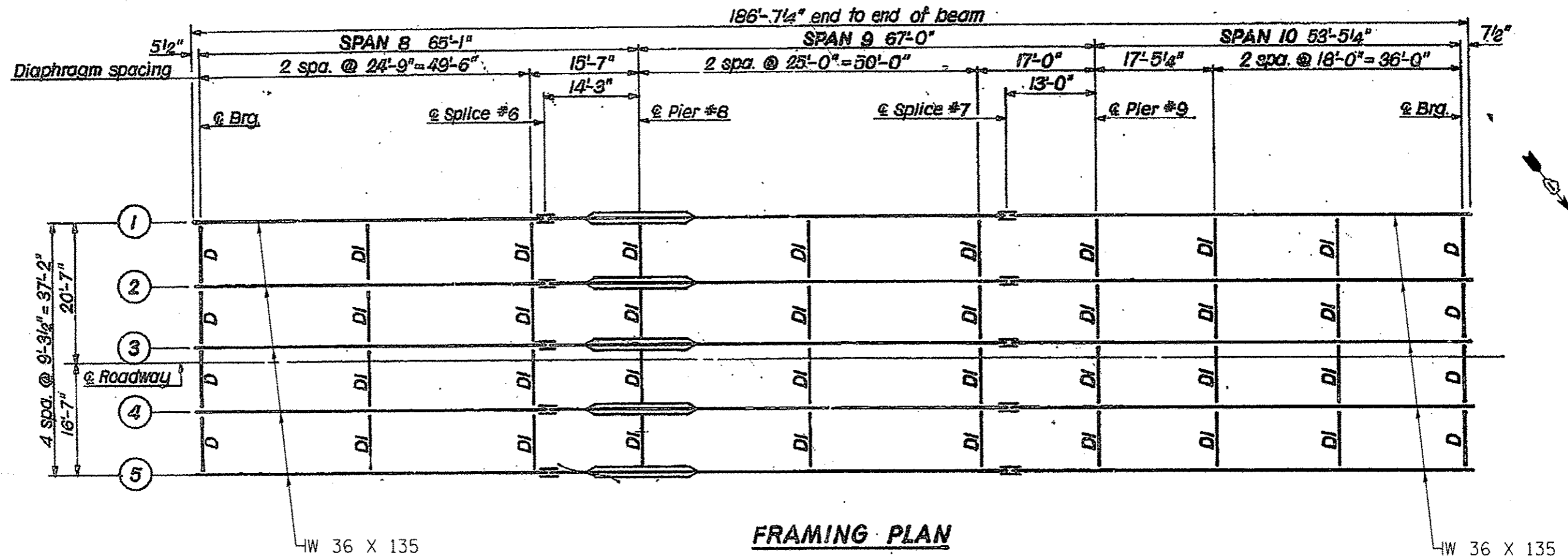
DIAPHRAGM
D = W 12 X 40 (TYP.)

FILE NAME *	USER NAME * honga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -							CONTRACT NO. 60V56		



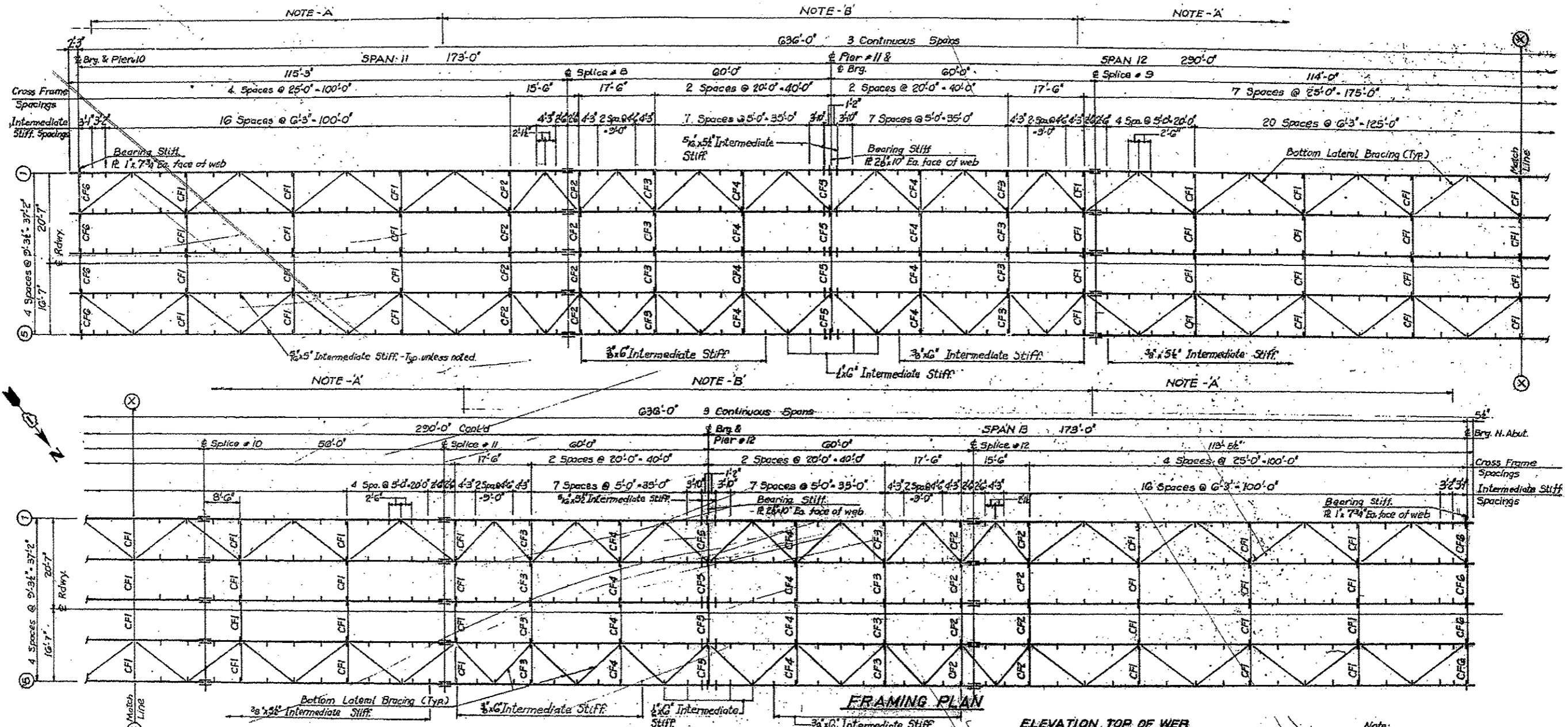
W 36 X 150
 D = W 12 X 40

FILE NAME *	USER NAME * honga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN SN 016-2406: US 12/2045 OVER S&S AND I&M CANALS, AND ICG RR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\p\work\p\12045\honga\08313773\010051	shrp\plandgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	10	
	PLOT SCALE * 1/8" = 1'-0"	CHECKED -	REVISED -			CONTRACT NO. 60V56					
#MODELNAME*	PLOT DATE * 9/20/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.					



D = W 12 X 40

FILE NAME *	USER NAME * hongo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN SN 016-2406: US 12/2045 OVER S&S AND I&M CANALS, AND ICG RR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pv\work\p\dot\hongo\08313773\010051	sh-t-plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	11	
#MODELNAME*	PLOT DATE * 9/20/2012	CHECKED -	REVISED -			CONTRACT NO. 60V56					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

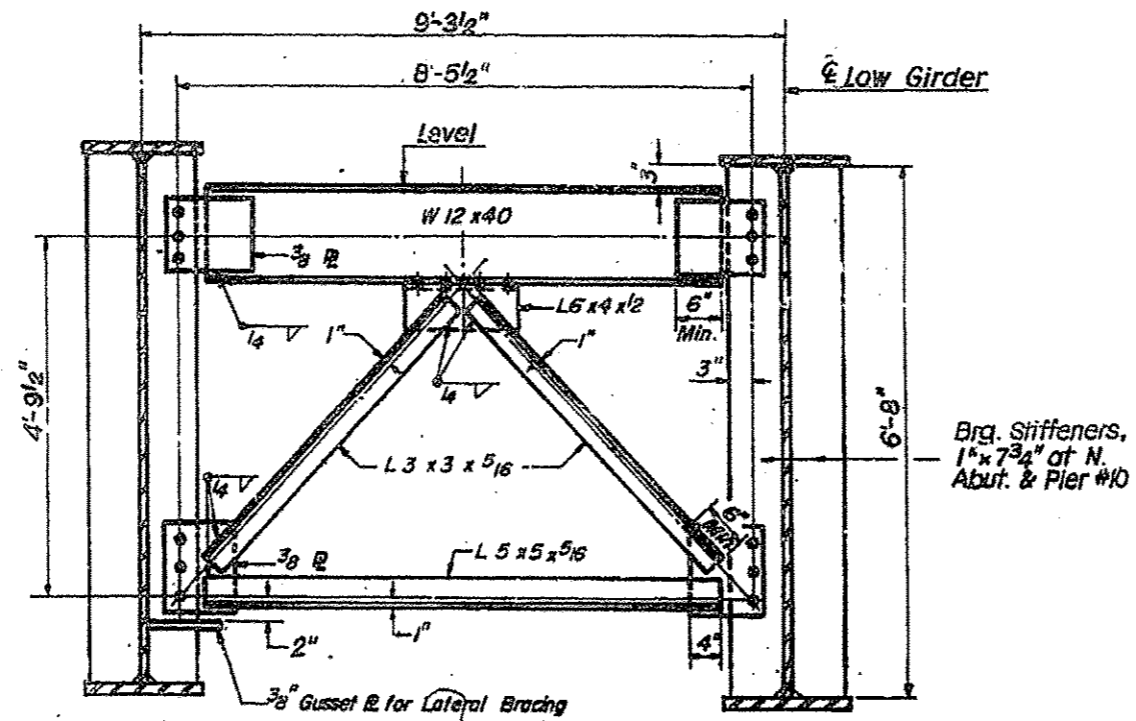


FRAMING PLAN

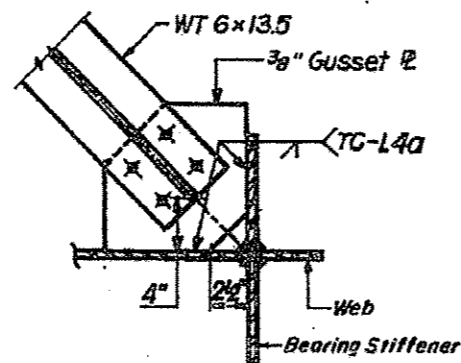
ELEVATION TOP OF WEB

Beam No.	@ Brg. Pier #10	@ Splice #8	@ Brg. Pier #11	@ Splice #9	@ Splice #10	@ Splice #11	@ Brg. Pier #12	@ Splice #12	@ Brg. N. Abut.
1	632.60	632.12	631.69	631.35	629.78	629.44	628.93	625.81	623.80
2	632.79	632.31	631.85	631.54	629.97	629.63	627.12	626.00	623.99
3	632.93	632.45	631.99	631.69	630.12	629.78	627.27	626.14	624.14
4	632.88	632.37	631.91	631.61	630.03	629.69	627.18	626.06	624.05
5	632.68	632.20	631.74	631.44	629.87	629.52	627.02	625.89	623.88

Note:
 1. For Girder Elevation see sh. 23.
 2. For Cross Frame Details see sh. 25.



TYPICAL END CROSS FRAME CF6
No. Required - 8



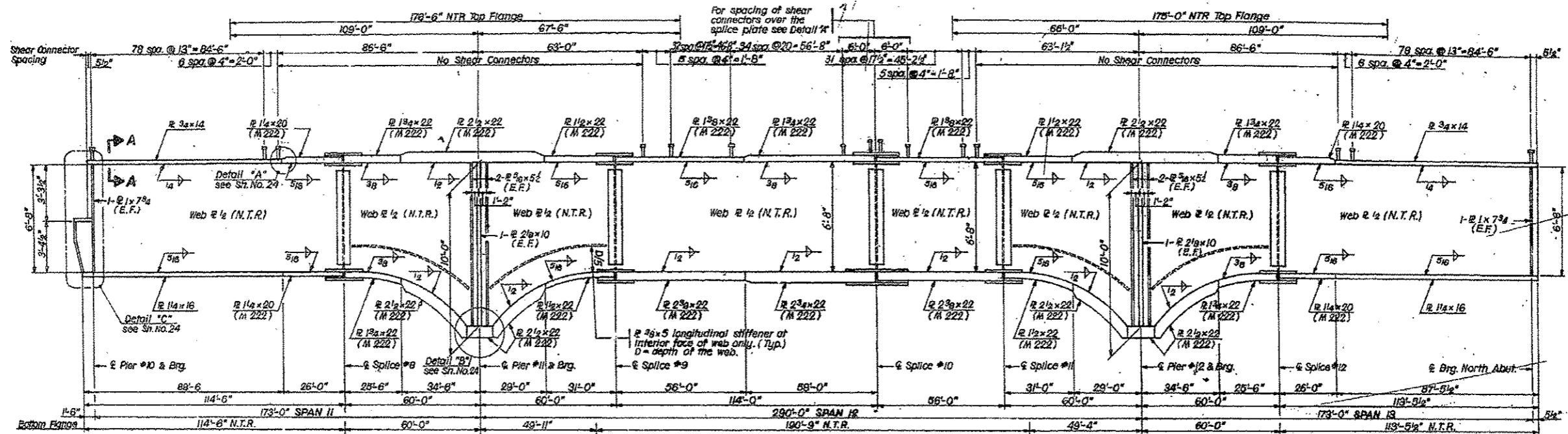
**TYPICAL CONNECTION PLATE
AT END CORNERS**
Note "C"

FILE NAME *	USER NAME * honge	DESIGNED -	REVISED -
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#MODELNAME#	PLOT SCALE * 1/8" = 1'-0" / in.	CHECKED -	REVISED -
	PLOT DATE * 9/28/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

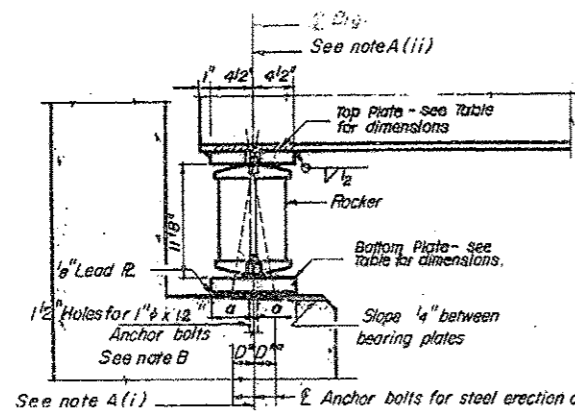
CROSS FRAME DETAILS
SN 016-2406: US 12/2045 OVER S&S AND I&M CANALS, AND ICG RR
SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-054 BP	COOK	75	13
CONTRACT NO. 60V56				
ILLINOIS FED. AID PROJECT				

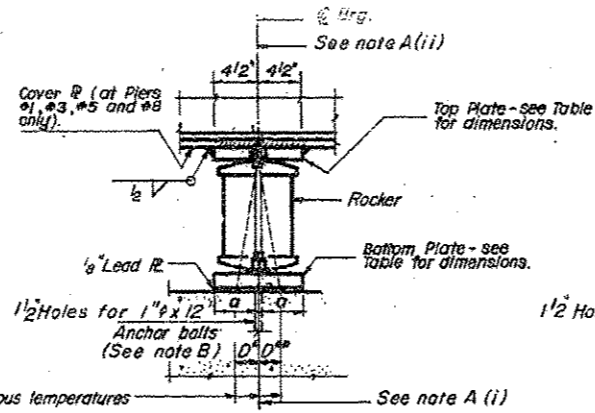


GIRDER ELEVATION

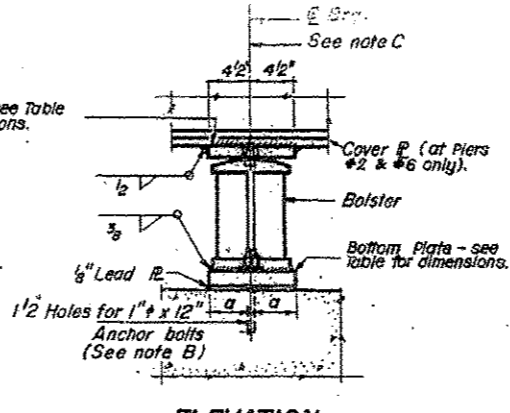
FILE NAME *	USER NAME * honga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GIRDER ELEVATION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODEL NAME *	PLOT SCALE * 1/8" = 1'-0"	CHECKED -	REVISED -		SCALE:	SHEET 9	OF 11	SHEETS	STA.	TO STA.	CONTRACT NO. 60V56	
	PLOT DATE * 9/20/2012	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	



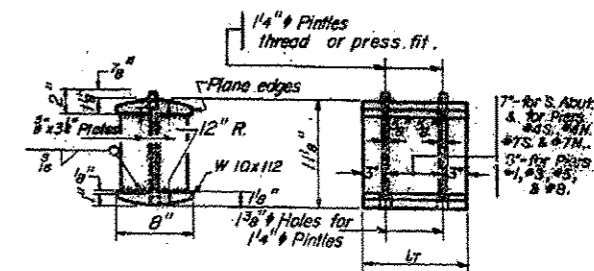
SECTION



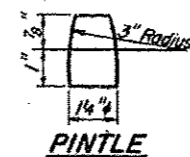
ELEVATION



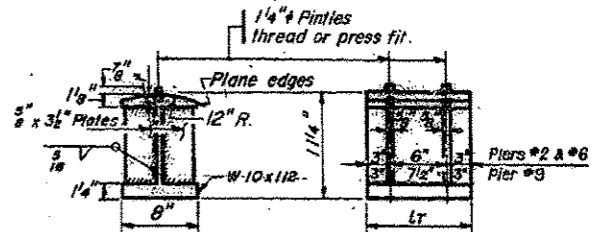
ELEVATION



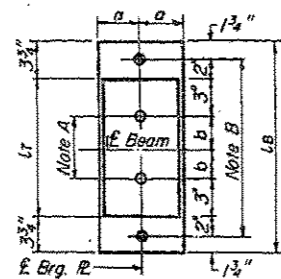
ROCKER-PIERS



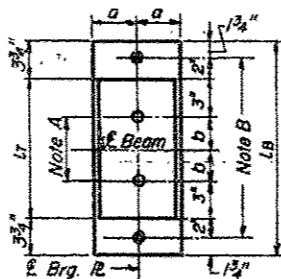
PINTLE



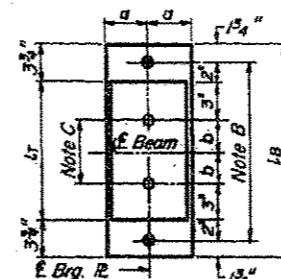
BOLSTER-PIERS



PLAN AT ABUTMENT



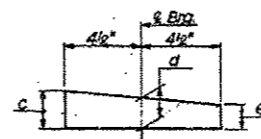
PLAN AT PIER



PLAN AT PIER

NOTE B
 1 1/2 inch holes for 1 inch anchor bolts.
 1/4 x 2 1/2 x 2 1/2 inch R. Washer under nut.

BEARING ASSEMBLY DETAILS



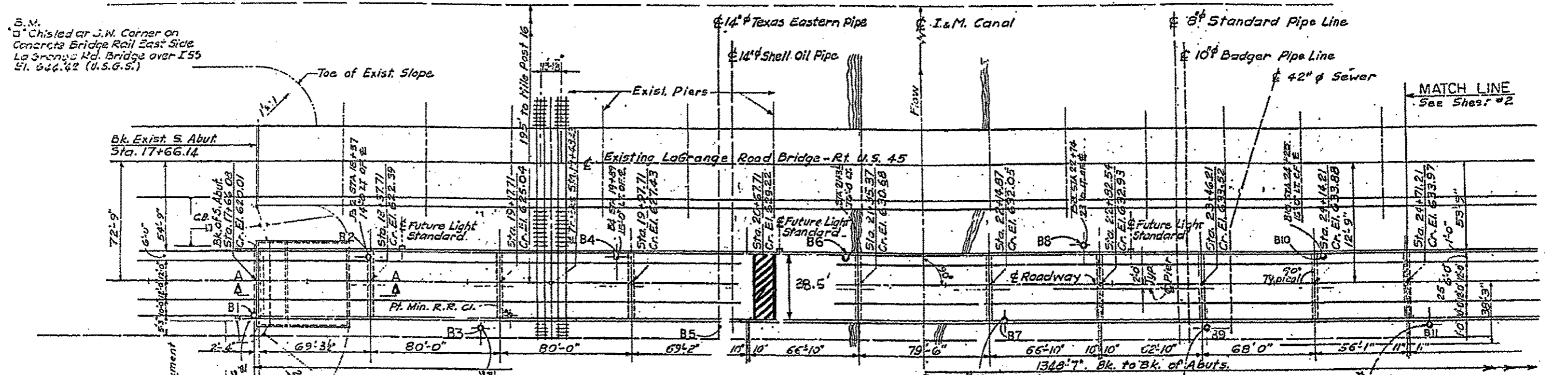
TOP BEARING PLATE DETAIL



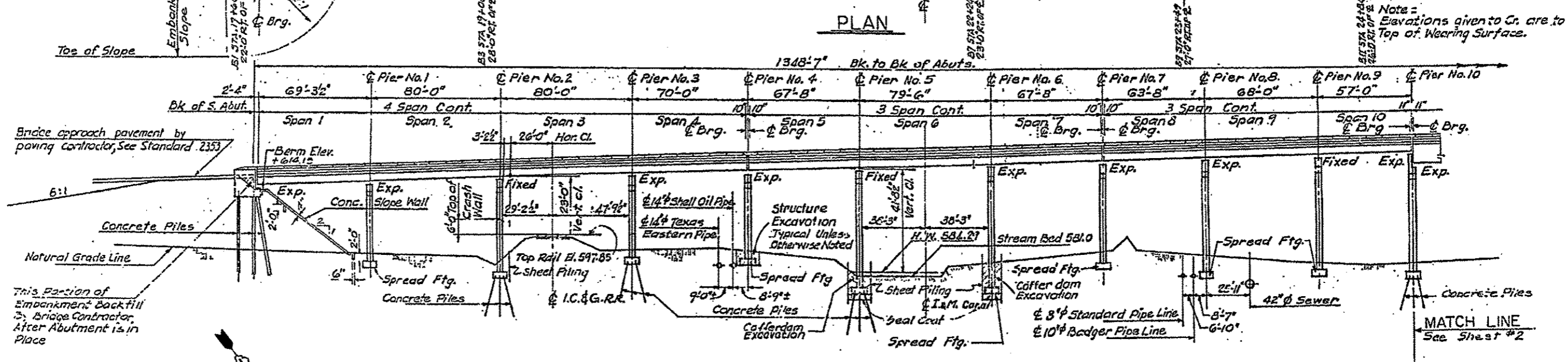
FILE NAME *	USER NAME * honga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BEARING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pv_work\pvd\dot\honga\0313773\010251	wh-plandgn	DRAWN -	REVISED -		SN 016-2406: US 12/2045 OVER S&S AND I&M CANALS, AND ICG RR	330	2012-054 BP	COOK	75	15		
#MODELNAME#	PLOT SCALE * 100.0000 / in.	CHECKED -	REVISED -		SCALE:	SHEET 10	OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56		
	PLOT DATE * 9/28/2012	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

FOR INFORMATION ONLY

B.M.
 Chisled at J.N. Corner on
 Concrete Bridge Rail East Side
 La Grange Rd. Bridge over I55
 St. 622.42 (U.S.G.S.)

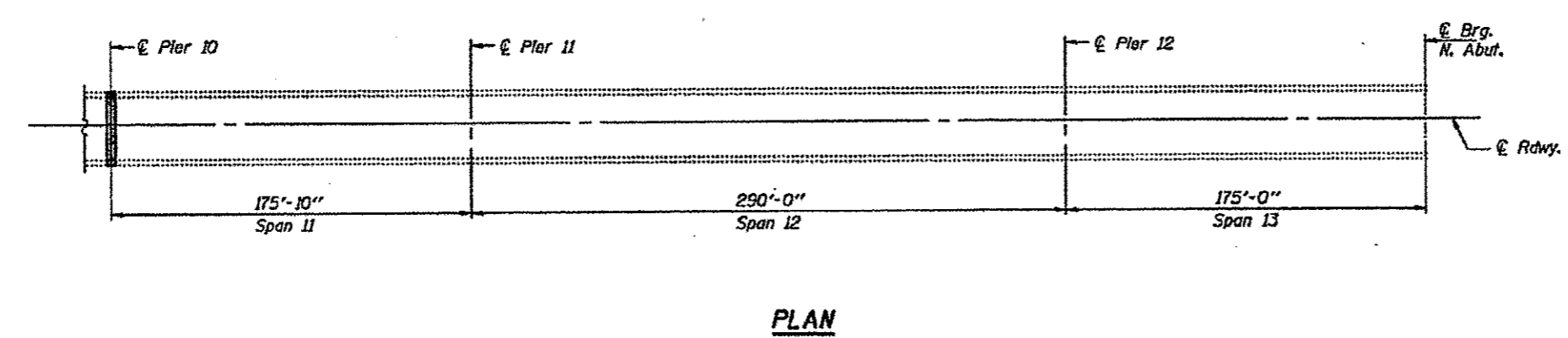
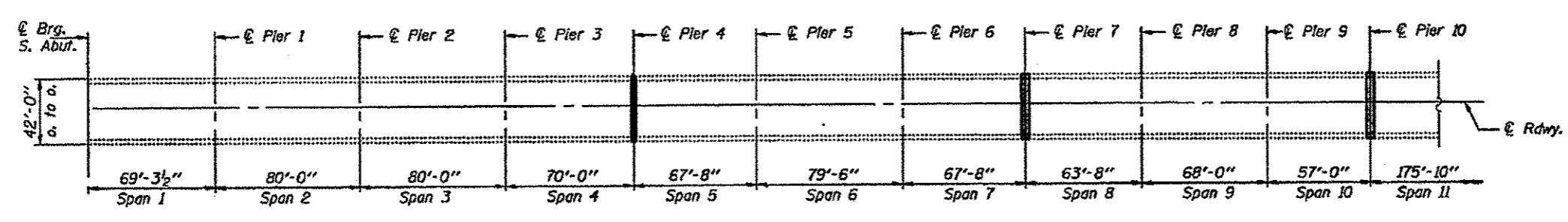
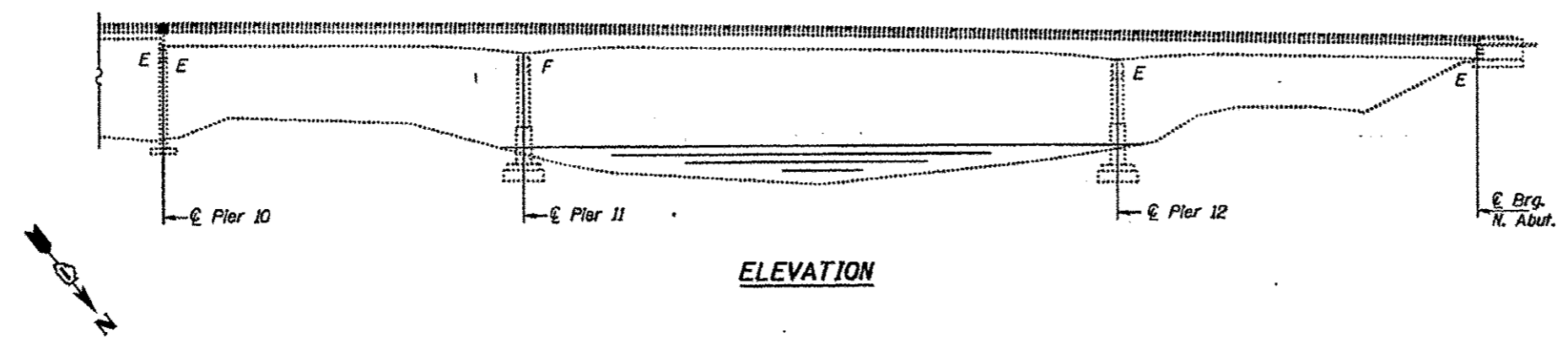
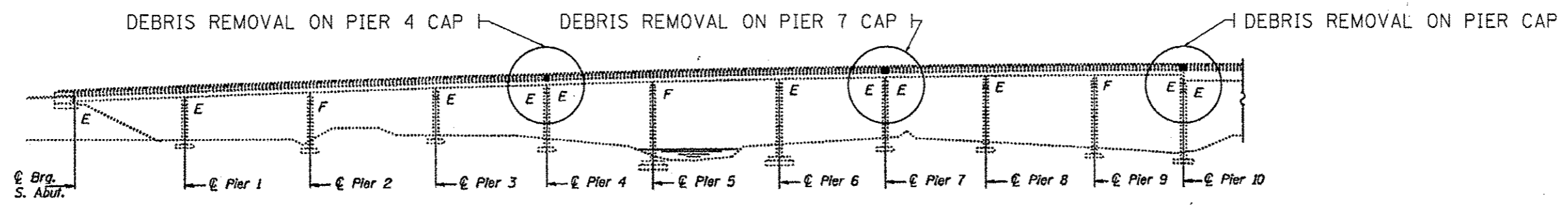


PLAN



ELEVATION

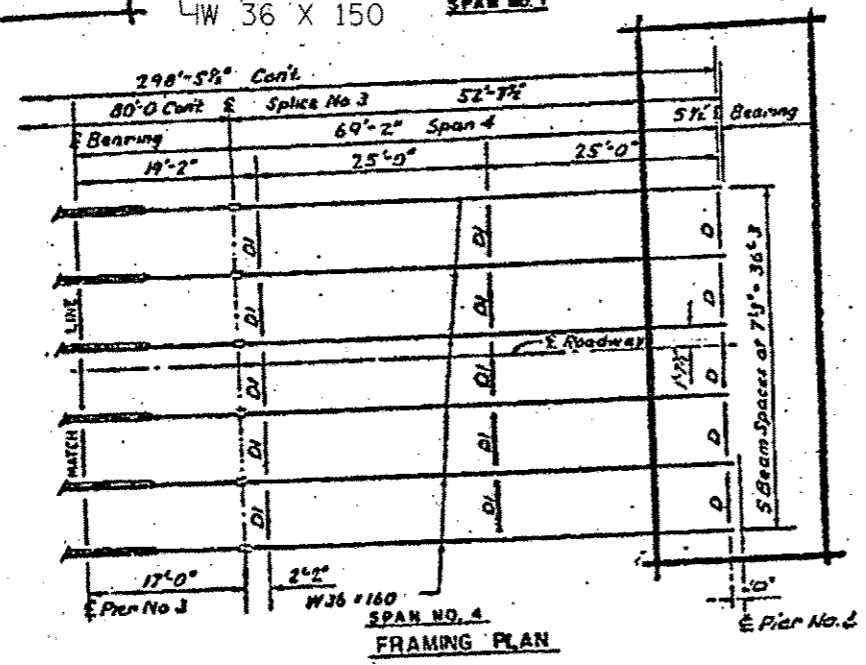
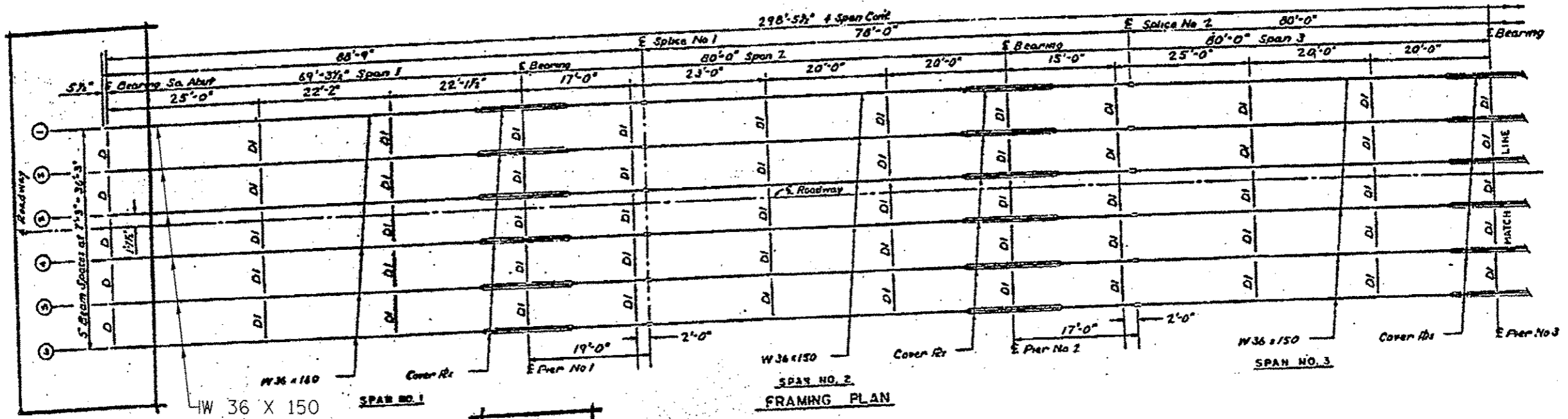
FILE NAME *	USER NAME * pughst	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN SN 016-2468: US 12/2045 OVER S&S AND I&M CANALS, AND ICG RR		F.A.P. RTE. 330	SECTION 2012-054 BP	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 17	
or \pwork\pudo\pughst\00313772\010051	plot-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET 1	OF 11 SHEETS	STA. TO STA.	CONTRACT NO. 60V56			
MODEL NAME *	PLOT SCALE * 100.0000 / 1 in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE * 9/28/2012	DATE -	REVISED -									



TOTAL BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	CU YD	9
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1
CLEANING AND PAINTING STEEL BRIDGE No. 2	L SUM	1

PIERS 4, 7 & 10

BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	CU YD	9



DIAPHRAGM
D = W 12 X 40 (TYP.)

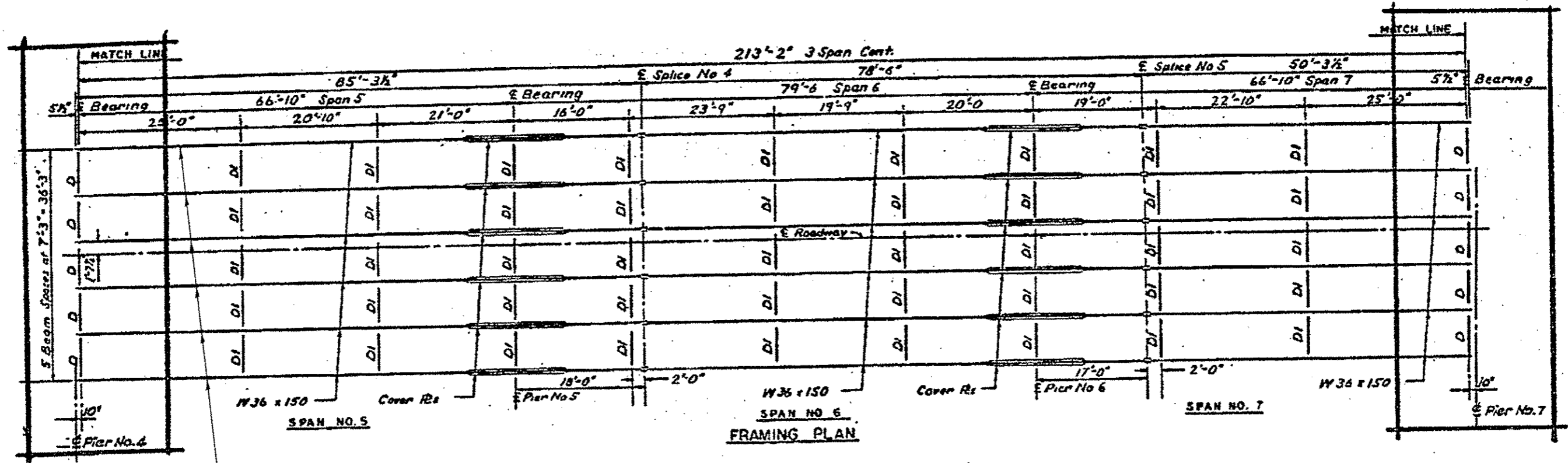


FILE NAME *	USER NAME * pughst	DESIGNED -	REVISED -
c:\pwork\pugst\pughst\d0313773\DI0051	framing.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
#MODELNAME*	PLOT DATE = 9/20/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE FRAMING PLAN			
SN 016-2468: US 12/20/45 OVER S&S AND I&M CANALS, AND ICG RR			
SCALE:	SHEET 4	OF 11 SHEETS	STA. TO STA.

F.A.P. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-054 BP	COOK	75	20
CONTRACT NO. 60V56				
[ILLINOIS] FED. AID PROJECT				

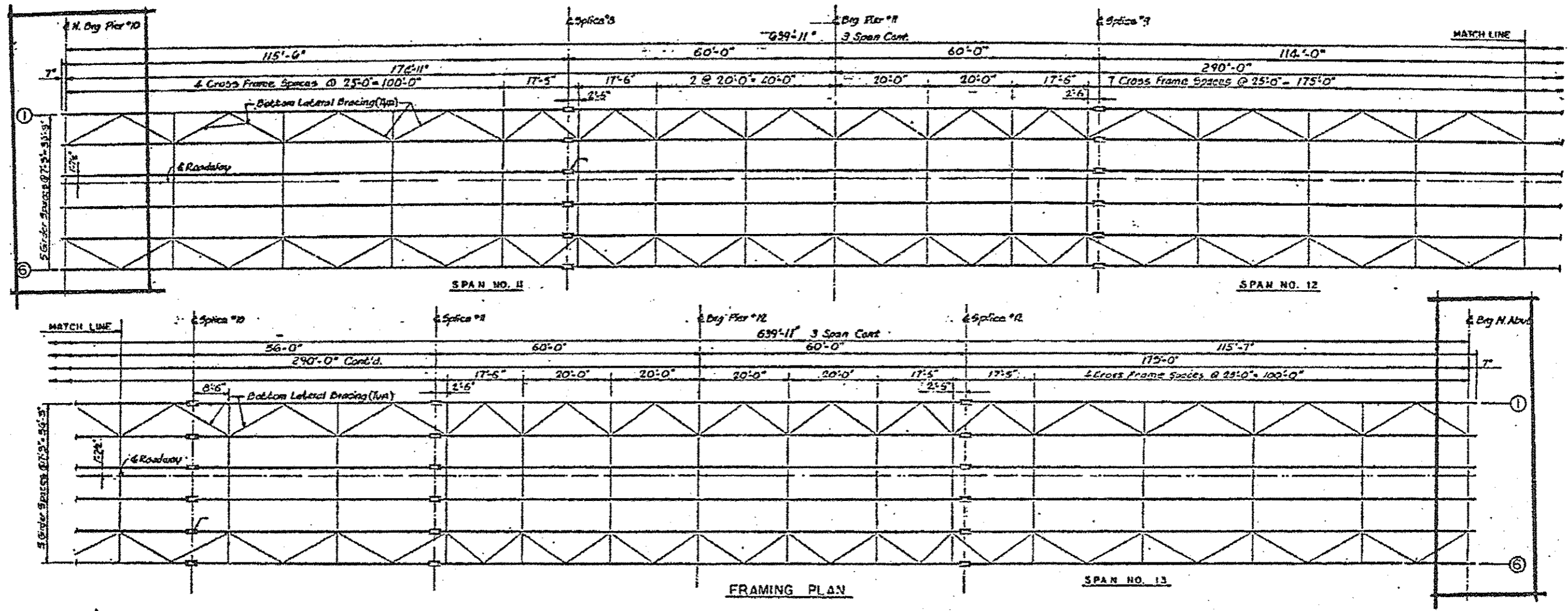


W 36 X 150



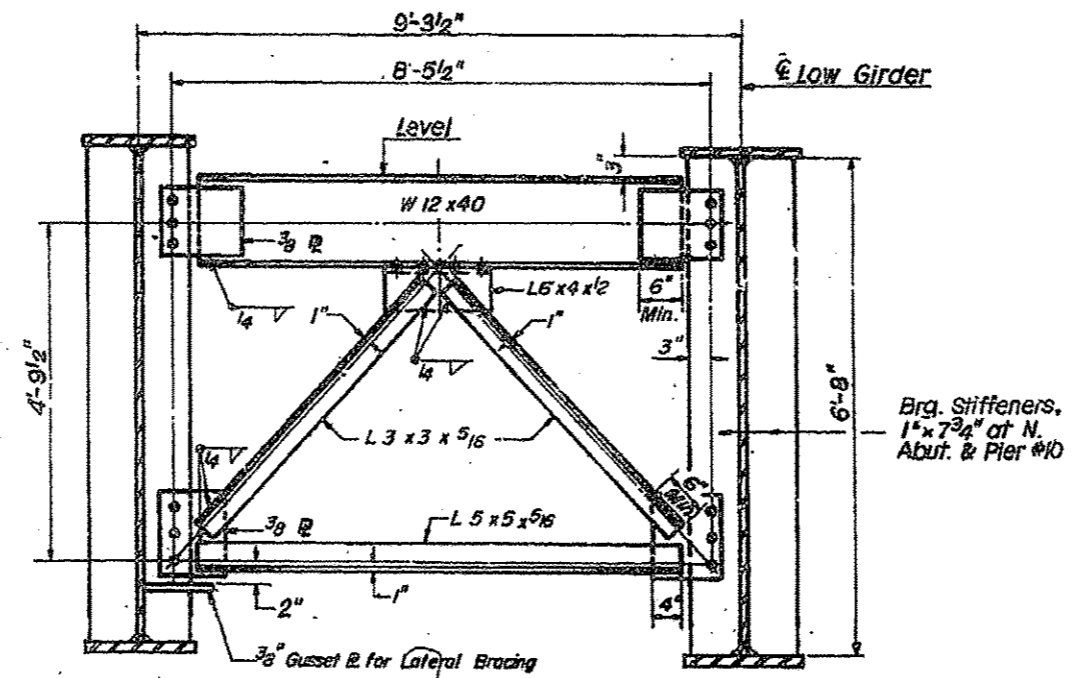
DIAPHRAGM
D = W 12 X 40 (TYP.)

FILE NAME *	USER NAME * pughst	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ar:\pwork\puidot\pughst\00313773\010051	ar:\pwork\puidot\pughst\00313773\010051	DRAWN -	REVISED -		330	2012-054 BP	COOK	75	21			
#MODELNAME*	PLOT SCALE * 100.0000' / 1"	CHECKED -	REVISED -		SN 016-2468: US 1220/45 OVER S&S AND I&M CANALS, AND ICG RR			CONTRACT NO. 60V56				
	PLOT DATE * 9/28/2012	DATE -	REVISED -		SCALE:	SHEET 5	OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

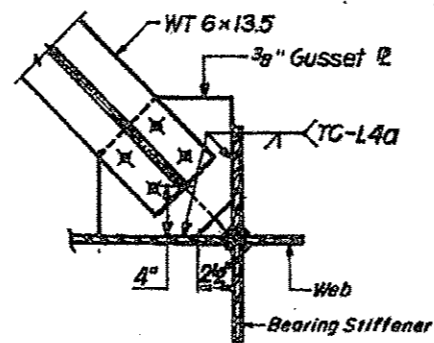


FOR INFORMATION ONLY

FILE NAME *	USER NAME * hange	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN		F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pv_work\lowdot\hange\10313773-010051	hlt\plandgn	DRAWN -	REVISED -		SN 016-2468: US 12/2045 OVER S&S AND I&M CANALS AND ICG RR	33Q	2012-054_BP	COOK	75	23	
Default	PLOT SCALE * 1/88.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td> <td>SCALE: _____ SHEET I OF 11 SHEETS STA. _____ TO STA. _____</td> <td colspan="6" style="text-align: right;">CONTRACT NO. 60V56</td>	CHECKED -	REVISED -		SCALE: _____ SHEET I OF 11 SHEETS STA. _____ TO STA. _____	CONTRACT NO. 60V56					
	PLOT DATE * 9/20/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



TYPICAL END CROSS FRAME CF6
No. Required - 8



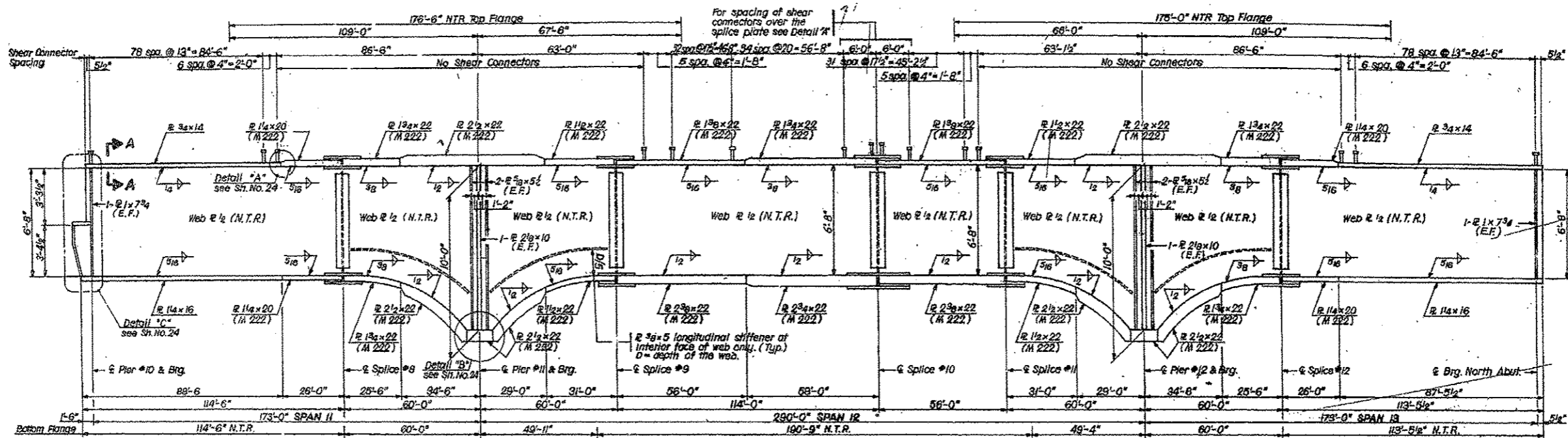
TYPICAL CONNECTION PLATE AT END CORNERS
Note "C"

FILE NAME *	USER NAME * pughst	DESIGNED -	REVISED -
c:\pv_work\pdsdot\pughst\d0313773\010051	shlt-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE * 100.0000 1/ in.	CHECKED -	REVISED -
#MODELNAME*	PLOT DATE * 9/20/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

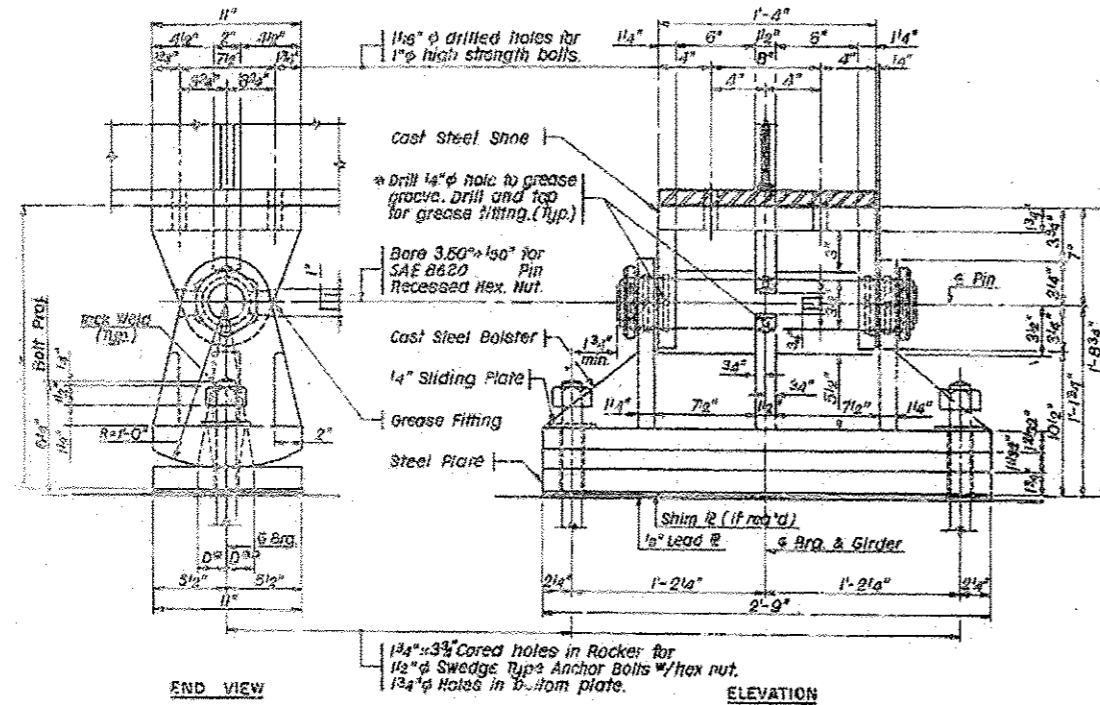
CROSS FRAME DETAILS
SN 016-2468: US 12/2045 OVER S&S AND I&M CANALS, AND ICG RR
SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2012-054 BP	COOK	75	24
CONTRACT NO. 60V56				
ILLINOIS FED. AID PROJECT				

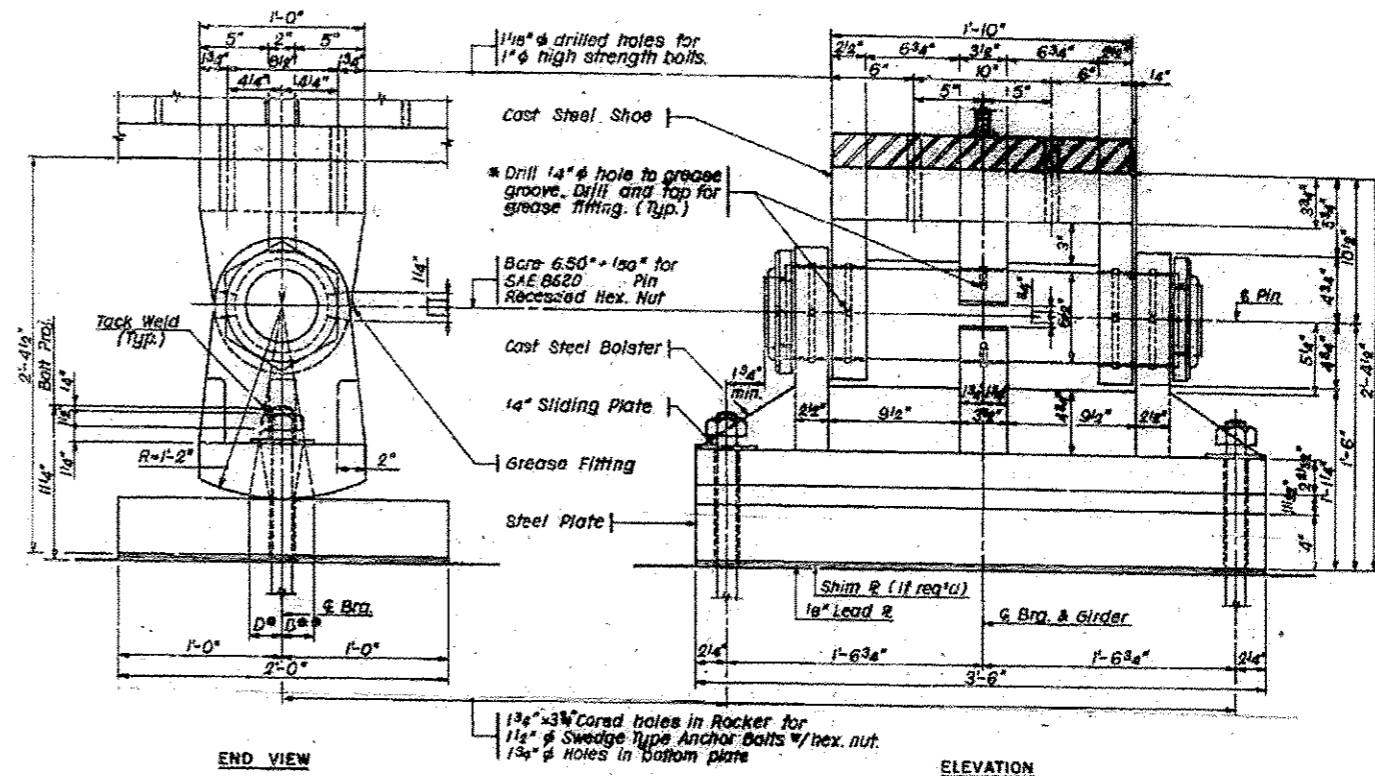


GIRDER ELEVATION

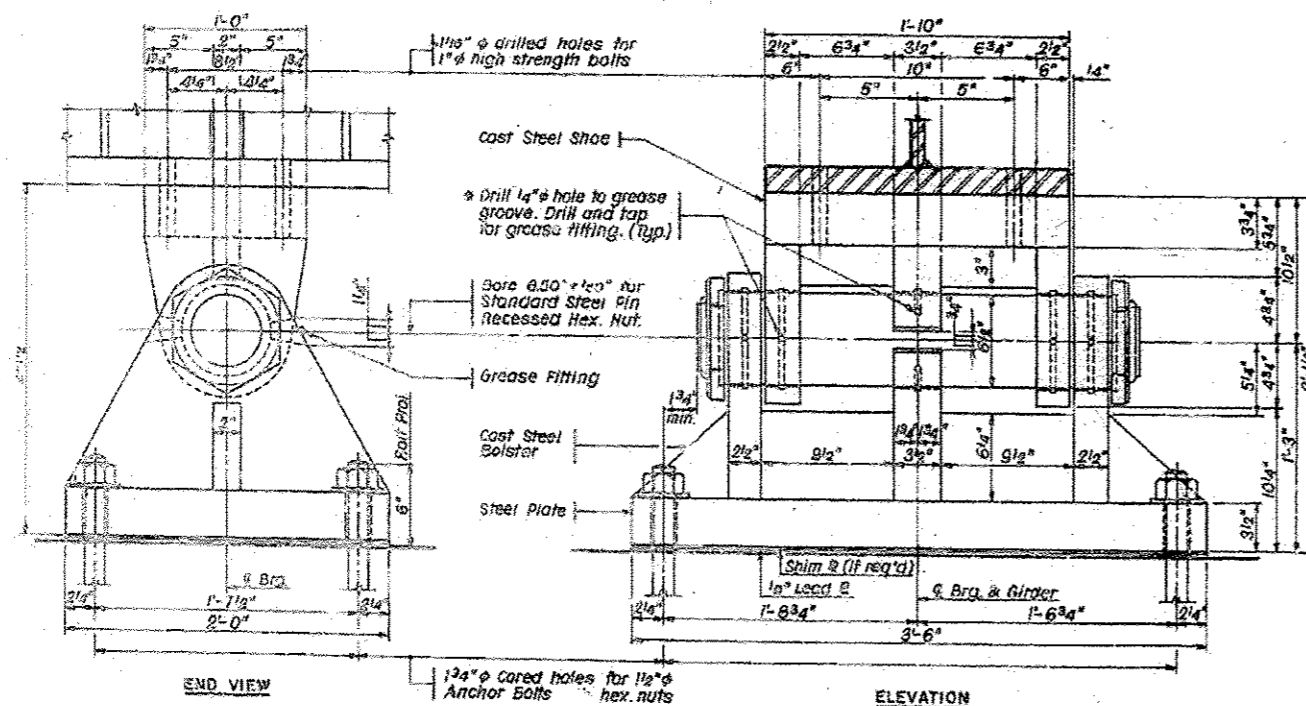
FILE NAME *	USER NAME * pughst	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GIRDER ELEVATION PLAN SN 016-2468: US 12/20/45 OVER S&S AND I&M CANALS, AND ICG		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
01\pwwork\pwwdot\pughst\d0313773\010051	shst-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET 9 OF 11 SHEETS	STA.	330	2012-054 BP	COOK	75	25
MODELNAME*	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -		TO STA.			CONTRACT NO. 60V56				
	PLOT DATE * 9/26/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



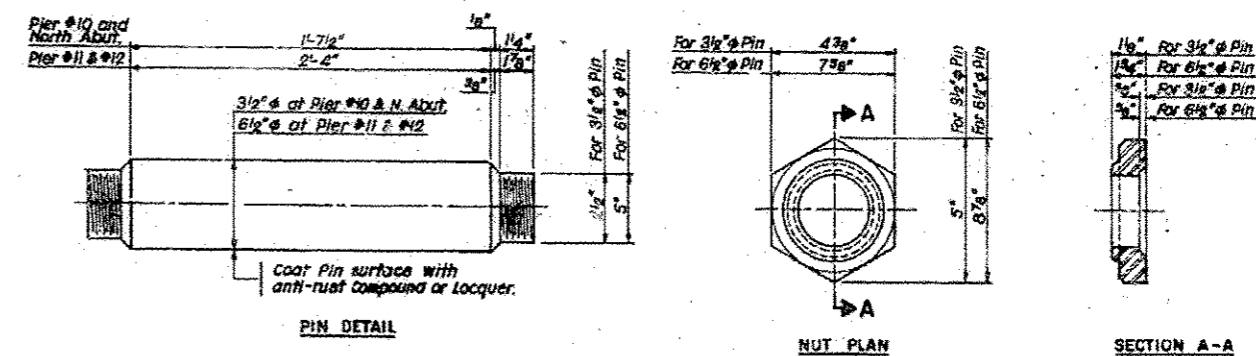
EXPANSION BEARING - AT PIER NO. 10 AND NORTH ABUT.



EXPANSION BEARINGS - AT PIER NO. 12



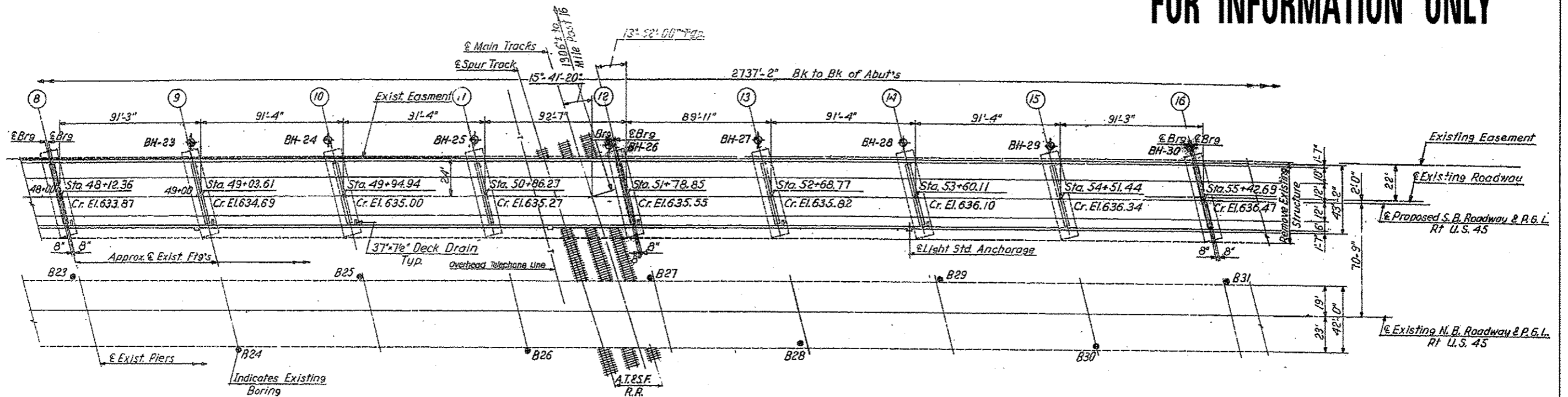
FIXED BEARINGS - AT PIER NO. 11



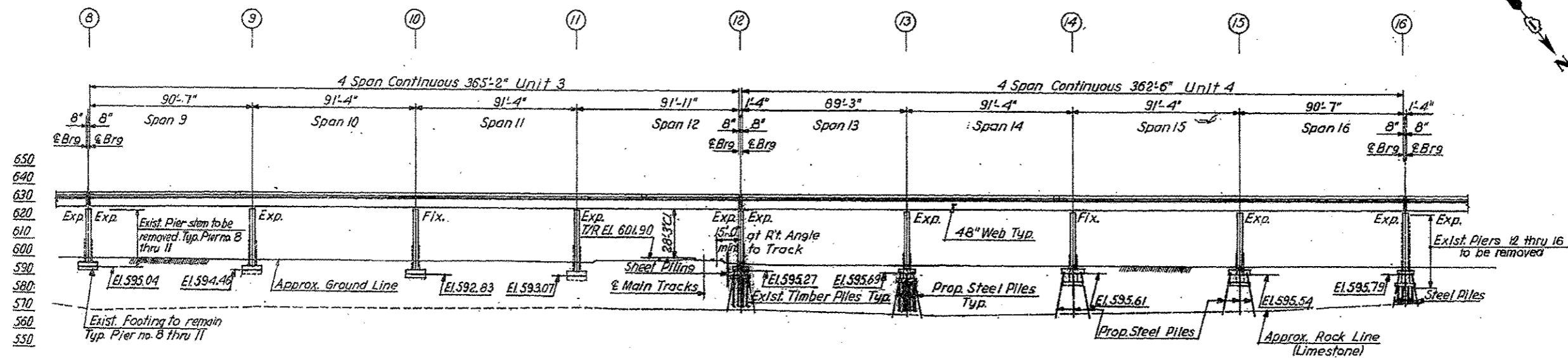
BEARING ASSEMBLY DETAILS

FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BEARING DETAILS SN 010-2488 US 12/20/95 OVER S&S AND I&M CANALS AND ICG RR	F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLT SCALE = 1/8" = 1'-0"	PLT DATE = 9/28/2012	DRAWN -	REVISED -			330	2012-054_BR	COOK	25	27	
MODEL NAME *		CHECKED -	REVISED -			CONTRACT NO. 60X56					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

FOR INFORMATION ONLY



PLAN



ELEVATION

Note:
 Minimum Construction Clearance to
 all Railroad Tracks:
 Vertical: 21'-6" above high rail
 Horizontal: 8'-6" to & Track

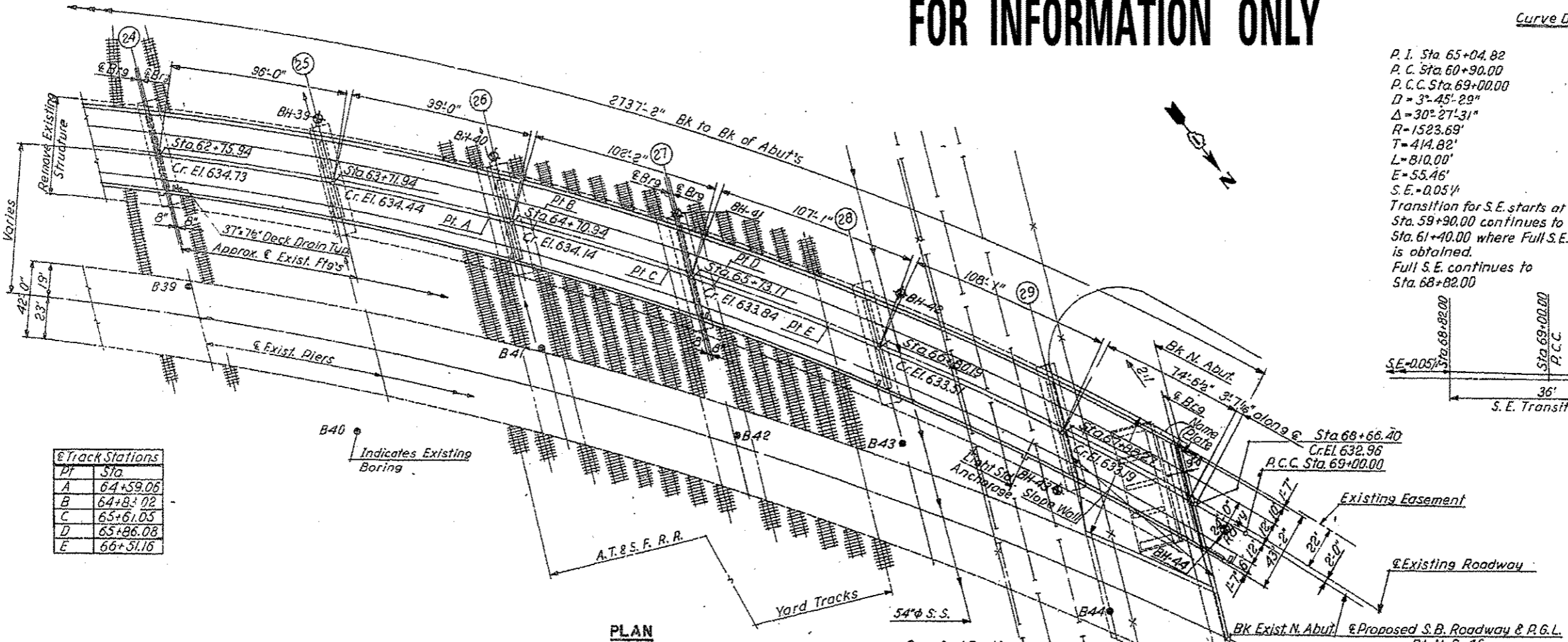
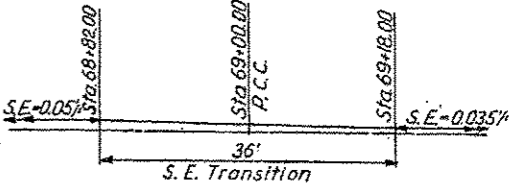
FILE NAME *	USER NAME * r10afj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\p\work\p10101\10101\10101\10101\10101	alt-plan.dgn	DRAWN -	REVISED -		SN 016-2407: US 12/20/45 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	29		
PLOT SCALE * 1/8"=1'-0"	PLOT DATE * 4/20/2012	CHECKED -	REVISED -		SCALE: SHEET 2 OF 16 SHEETS STA. TO STA.	CONTRACT NO. 60V56						
MODEL NAME *		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

FOR INFORMATION ONLY

Curve Data

P.I. Sta 65+04.82	P.I. Sta. 71+07.45
P.C. Sta. 60+90.00	P.C.C. Sta. 69+00.00
P.C.C. Sta. 69+00.00	P.T. Sta. 73+14.18
$\Delta = 3^\circ 45' 29''$	$\Delta = 1^\circ 59' 40''$
$\Delta = 30^\circ 27' 31''$	$\Delta = 8^\circ 14' 49''$
$R = 1523.69'$	$R = 2877.54'$
$T = 414.82'$	$T = 207.45'$
$L = 810.00'$	$L = 414.18'$
$E = 55.46'$	$E = 7.47'$
$S.E. = 0.05\%$	$S.E. = 0.035\%$

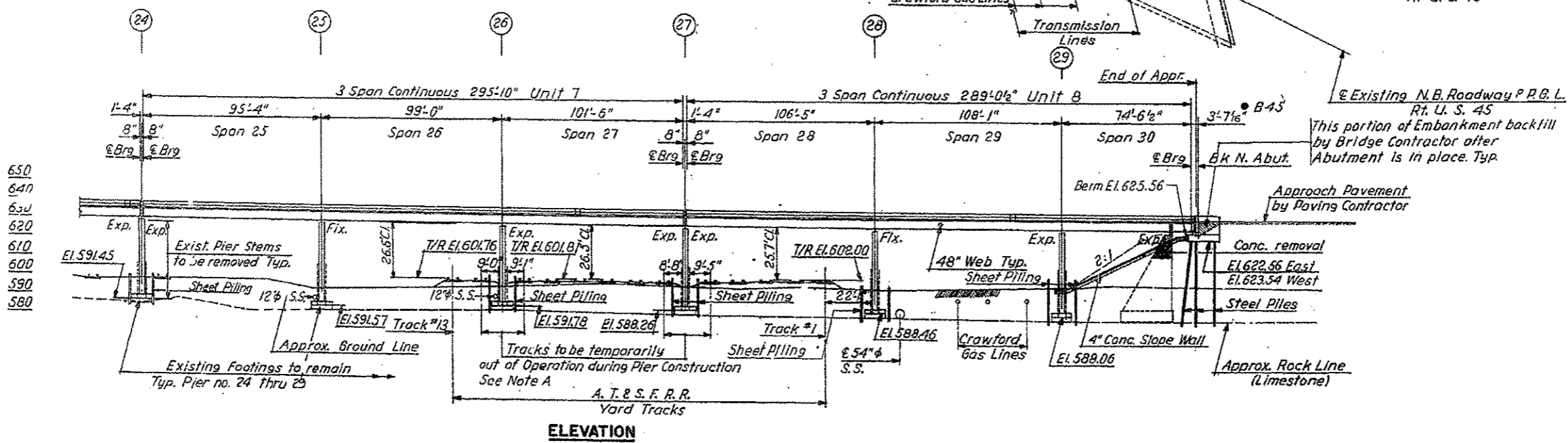
Transition for S.E. starts at Sta. 59+90.00 continues to Sta. 61+40.00 where Full S.E. is obtained. Full S.E. continues to Sta. 68+82.00



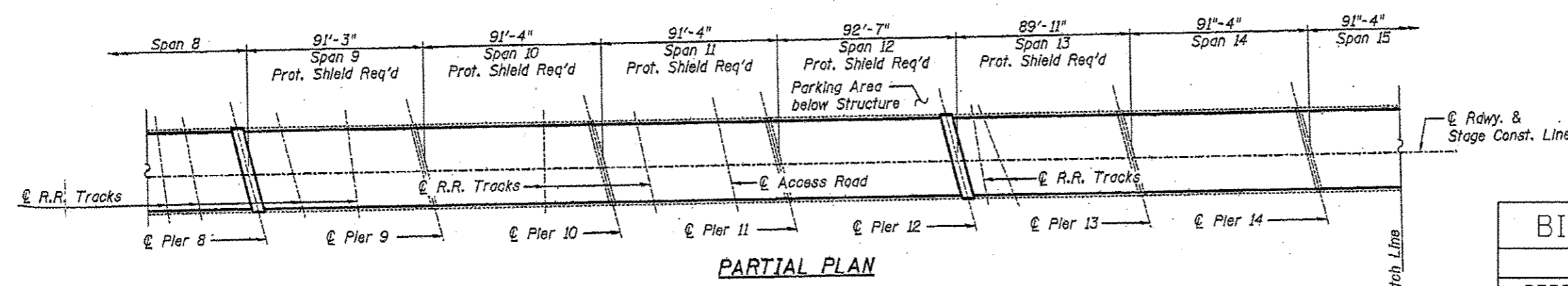
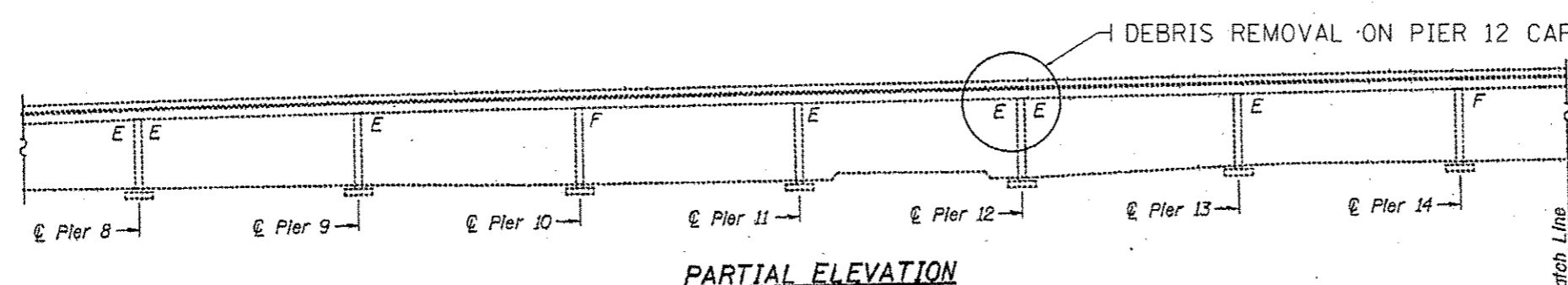
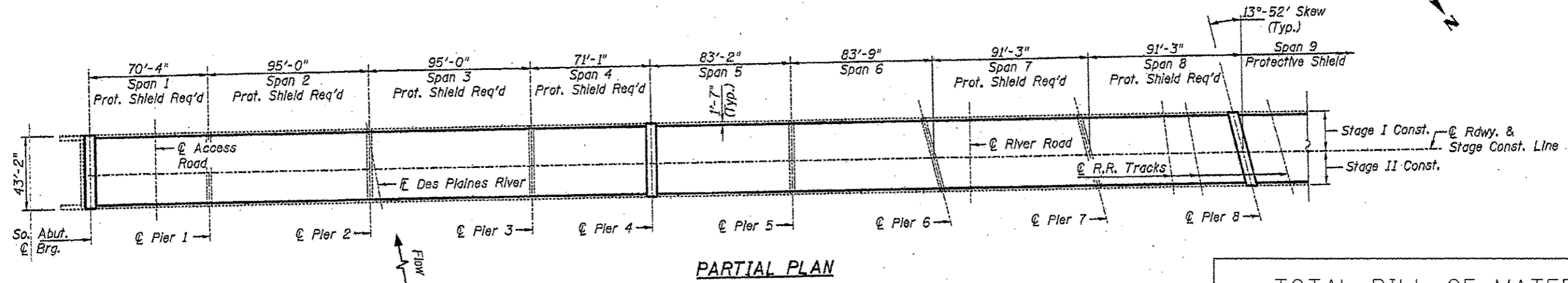
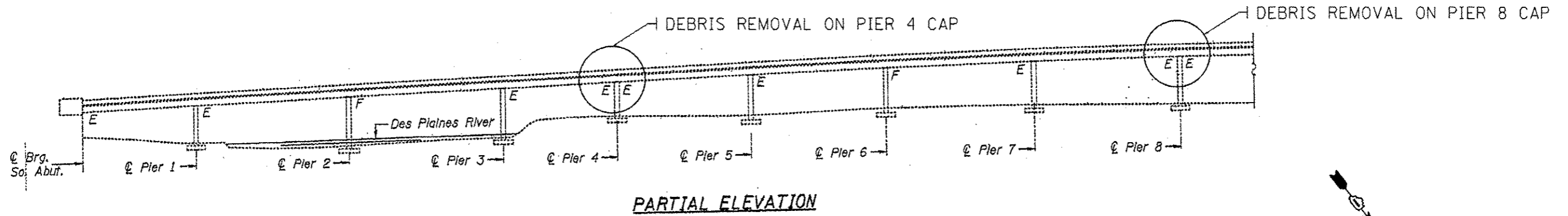
PI	Sta
A	64+59.06
B	64+83.02
C	65+61.05
D	65+86.08
E	66+31.16

Indicates Existing Boring

PLAN

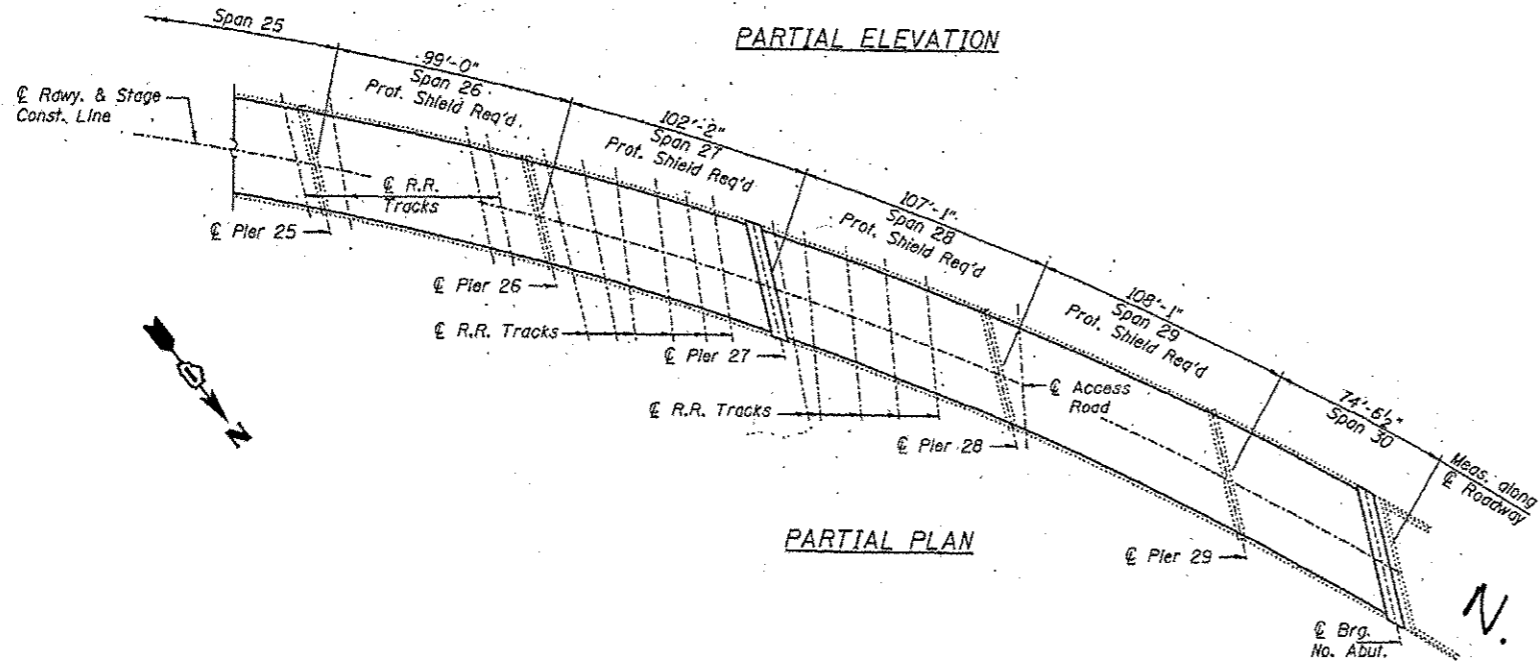
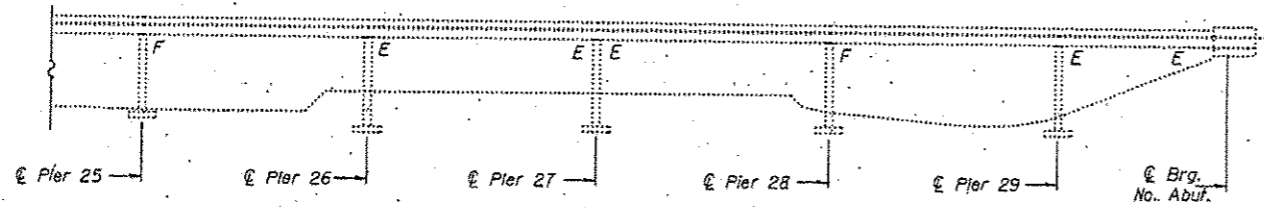
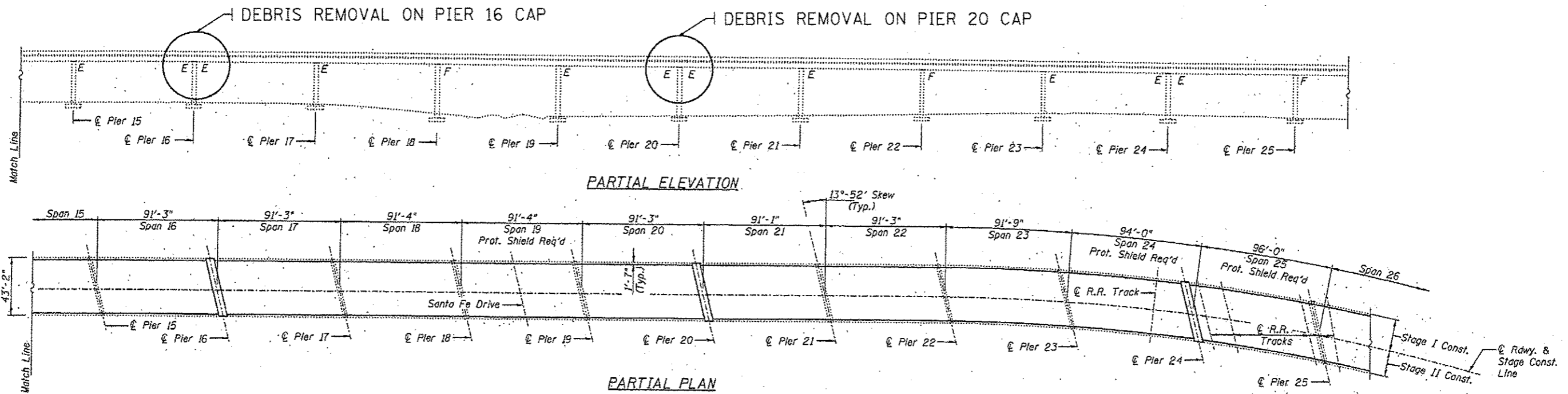


ELEVATION



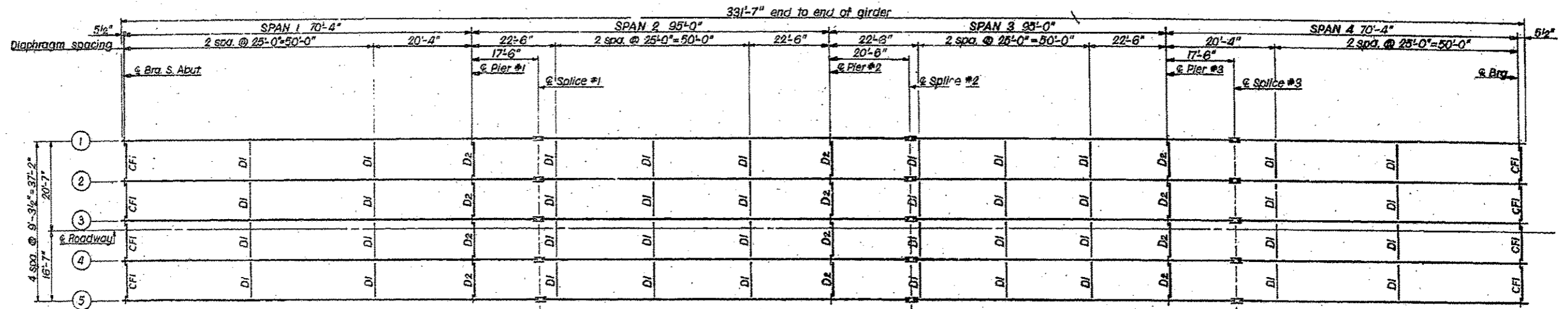
TOTAL BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	Cu YD	16
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1
CLEANING AND PAINTING STEEL BRIDGE No. 3	L SUM	1

PIERS 4, 8 & 12 BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	Cu YD	9.6

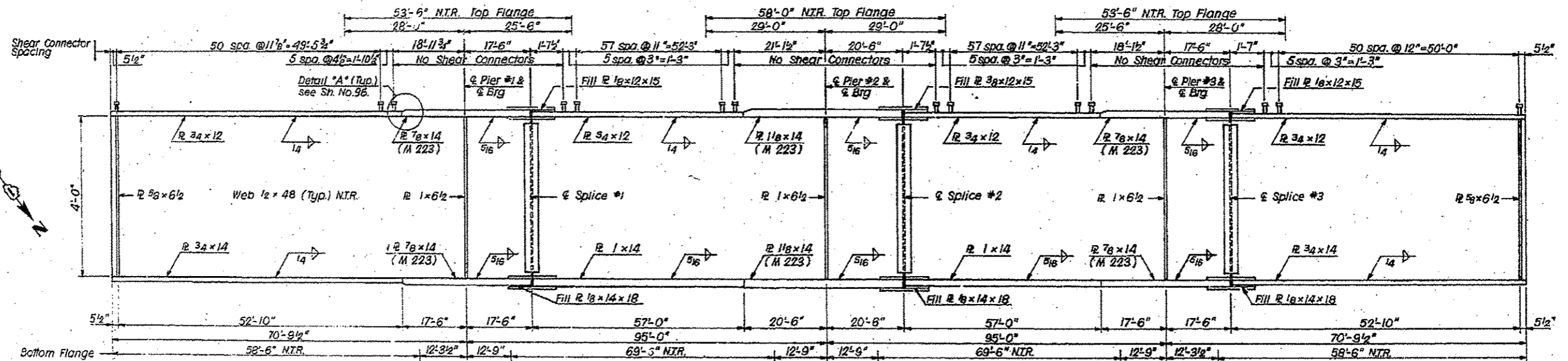


PIERS 16 & 20

BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	CU YD	6.4

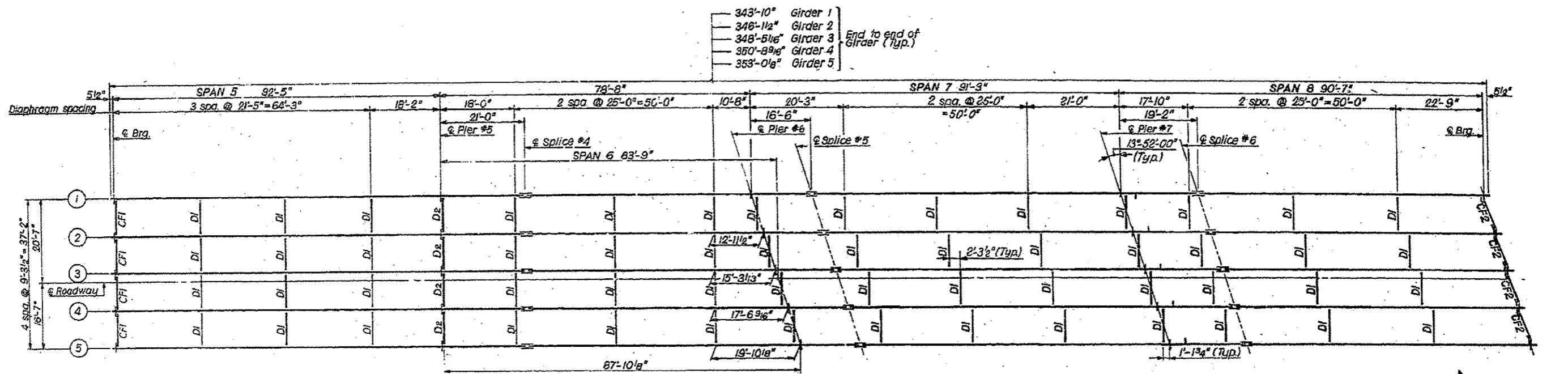


FRAMING PLAN

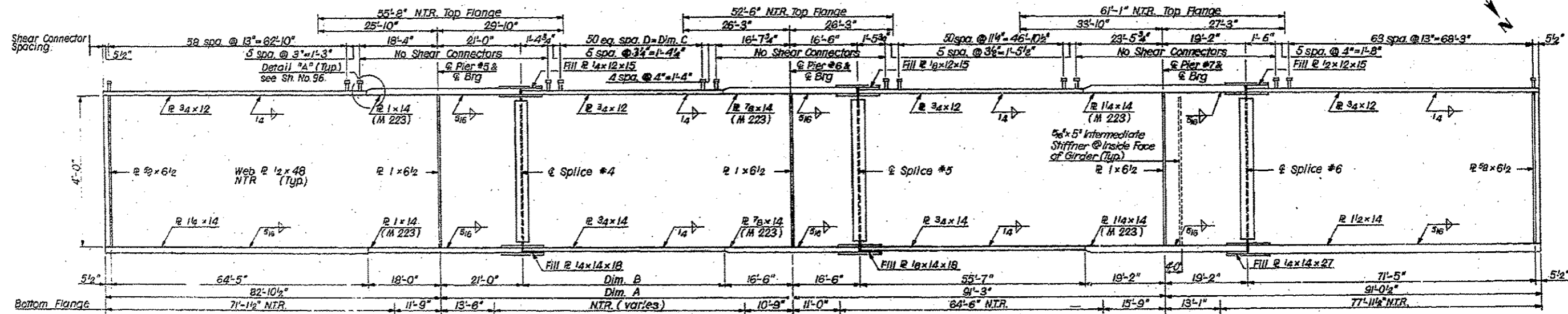


GIRDER ELEVATION

FILE NAME *	USER NAME * r10sfj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER ELEVATION PLAN SN 016-2407; US 122045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw\work\p10sf\10sf\1013773\10100011	sht-plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	34	
PLOT SCALE * 1/8"=1'-0"		CHECKED -	REVISED -			CONTRACT NO. 60V56					
MODELNAME*	PLOT DATE * 9/28/2012	DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

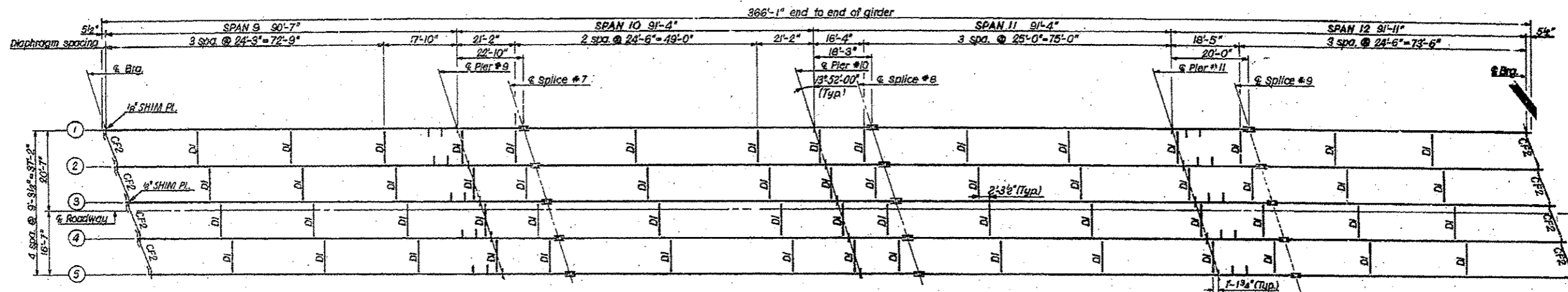


FRAMING PLAN

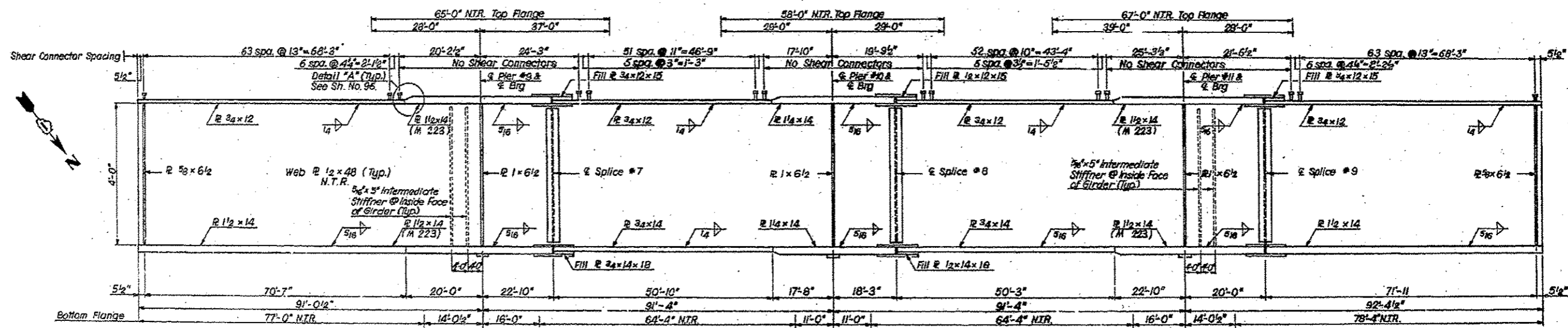


GIRDER ELEVATION

FILE NAME c:\p\work\p\des\triof\j\00313773-010001	USER NAME triof	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER ELEVATION PLAN		F.A.P. RTE. 330	SECTION 2012-054 BP	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 35	
MODEL NAME	PLOT SCALE 100.0000' / in.	CHECKED -	REVISED -		SCALE	SHEET 8 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56			
	PLOT DATE 9/28/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

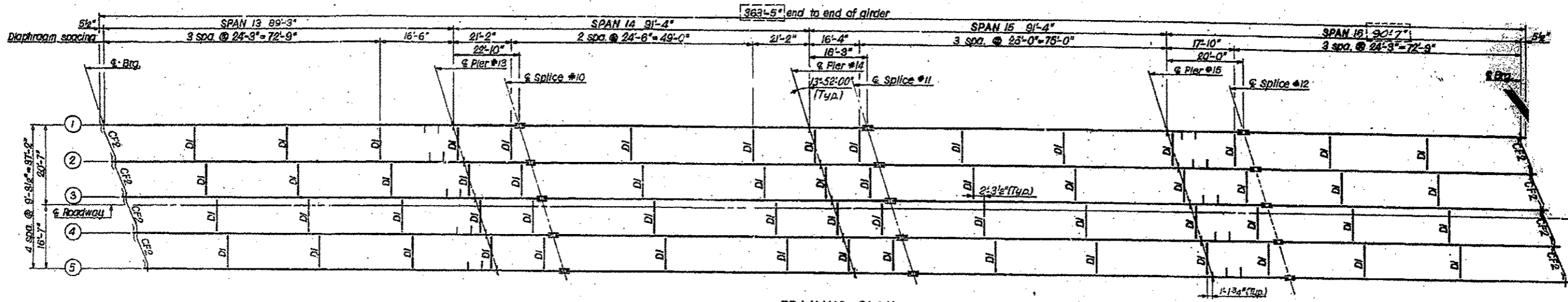


FRAMING PLAN

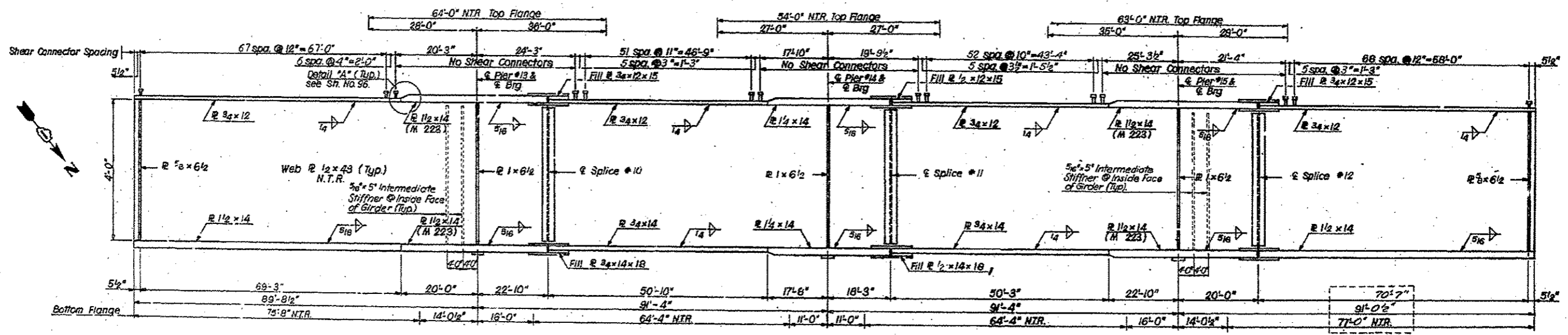


GIRDER ELEVATION

FILE NAME *	USER NAME * r10afj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER ELEVATION PLAN SN 016-2407: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwworkh\psidot\rosf_j\0213773\010051	-shc-plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	36	
PLOT SCALE * 1/8" = 1'-0"	PLOT DATE * 9/28/2012	CHECKED -	REVISED -			CONTRACT NO. 60V56					
MODELNAME		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

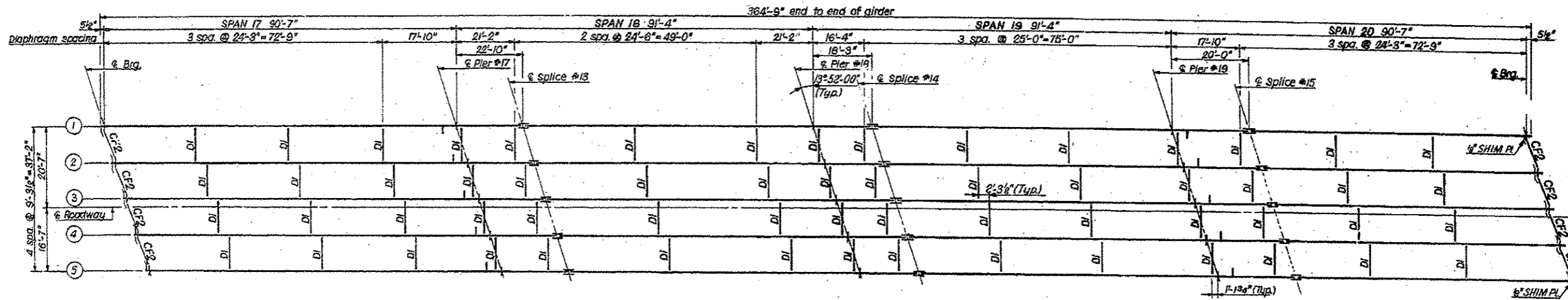


FRAMING PLAN

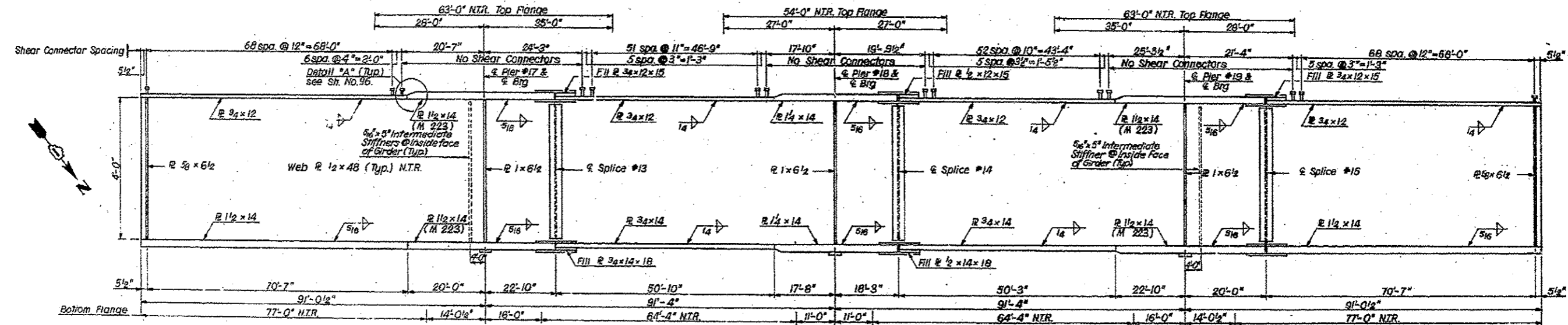


GIRDER ELEVATION

FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER PLAN SN 016-2407: US 1220/45 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
01\pvc\work\pvc\edwardj\08310773\010812-plt-plan.dgn		DRAWN -	REVISED -			330	2012-054 BP	COOK	75	37	
MODELNAME *		CHECKED -	REVISED -			CONTRACT NO. 60V56					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

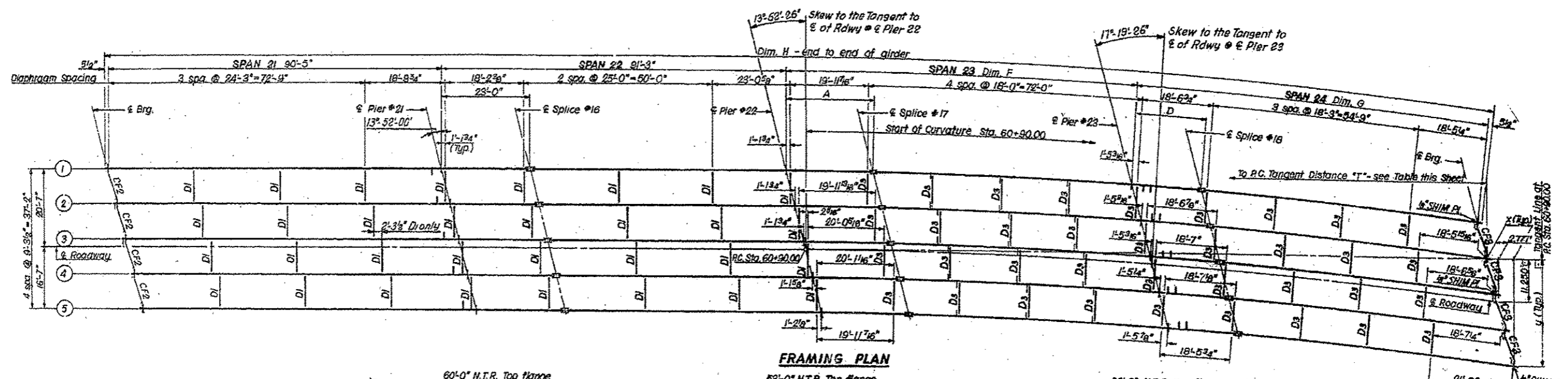


FRAMING PLAN

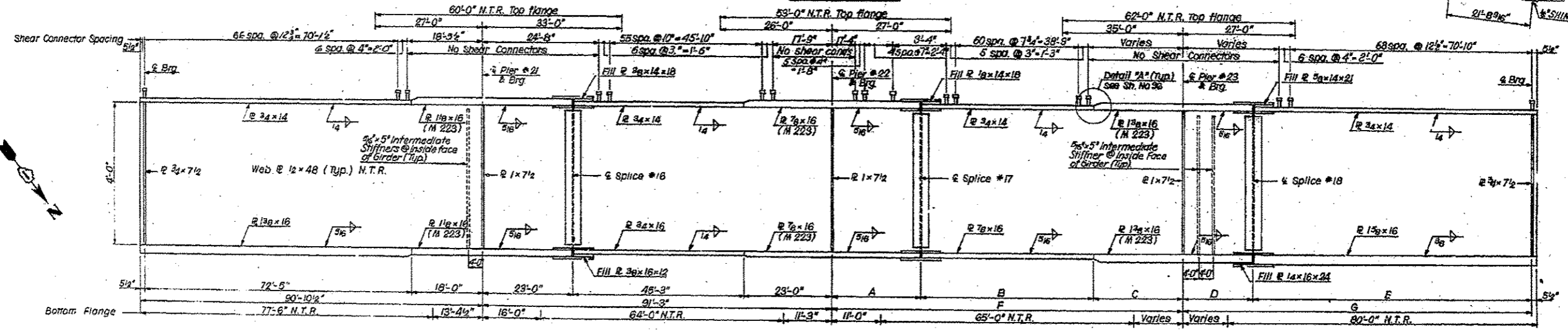


GIRDER ELEVATION

FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER ELEVATION PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE * 1/8"=1'-0"	1/8"=1'-0"	CHECKED -	REVISED -		SCALE:	SHEET 11	OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56	
MODEL NAME *	PLOT DATE * 9/28/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

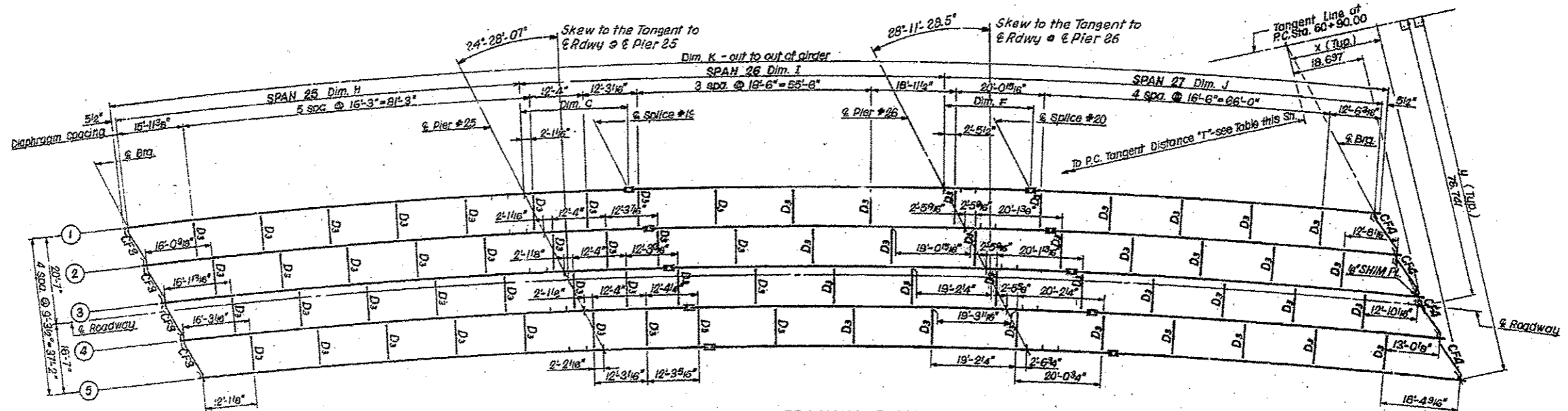


FRAMING PLAN

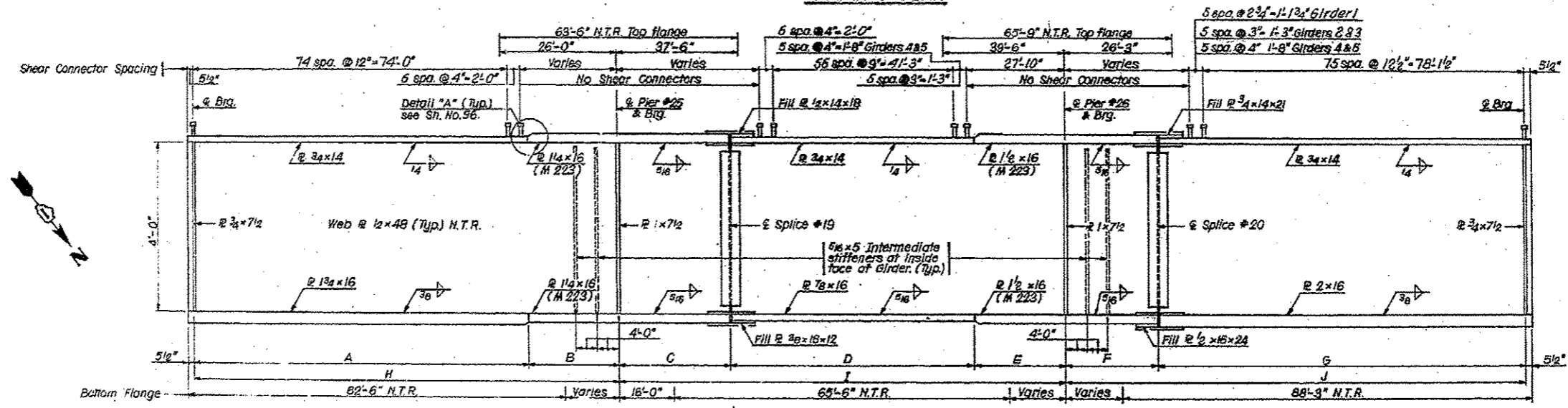


GIRDER ELEVATION

FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER ELEVATION PLAN SN 016-2407: US 12/20/45 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pvidot\edwardj\0213773\0160513-shr-pln.dgn	PLOT SCALE * 100.0000 / in.	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	39	
MODELNAME*	PLOT DATE * 9/28/2012	CHECKED -	REVISED -			CONTRACT NO. 60V56					
						SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			



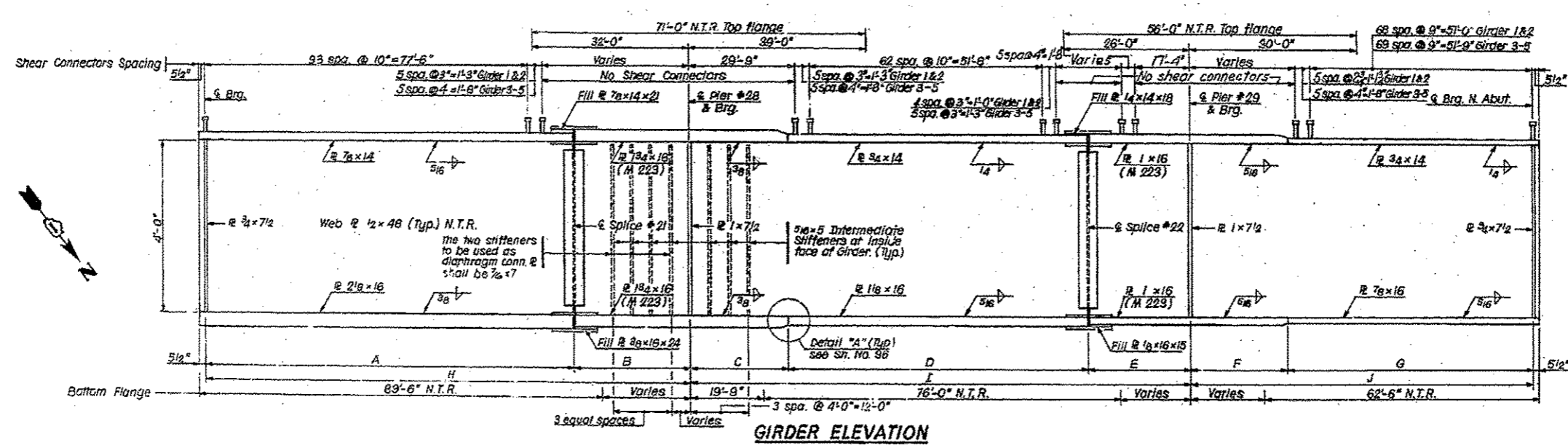
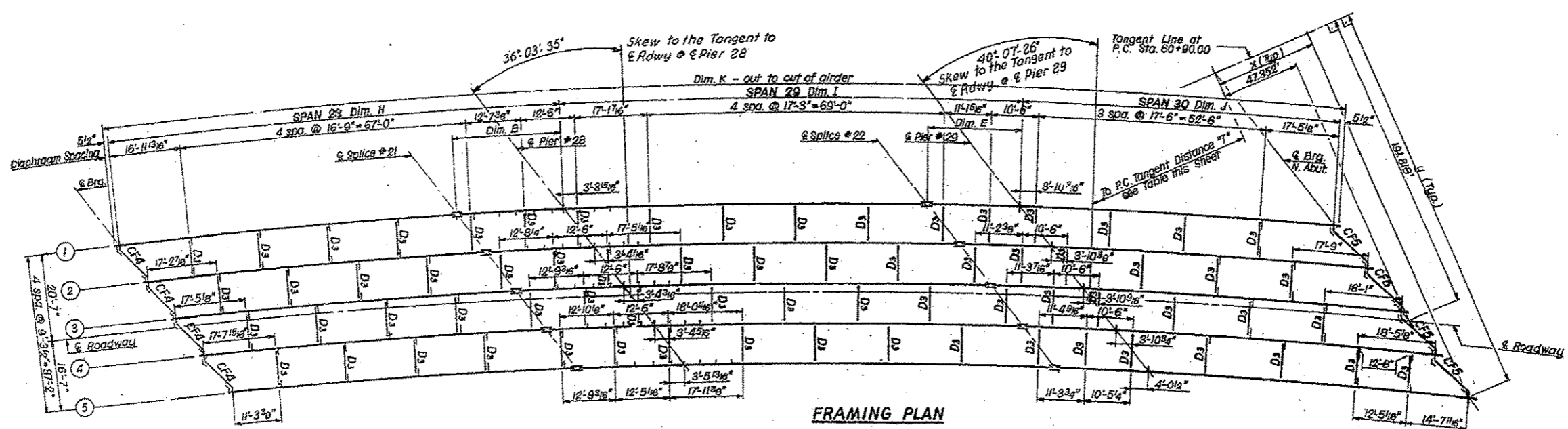
FRAMING PLAN



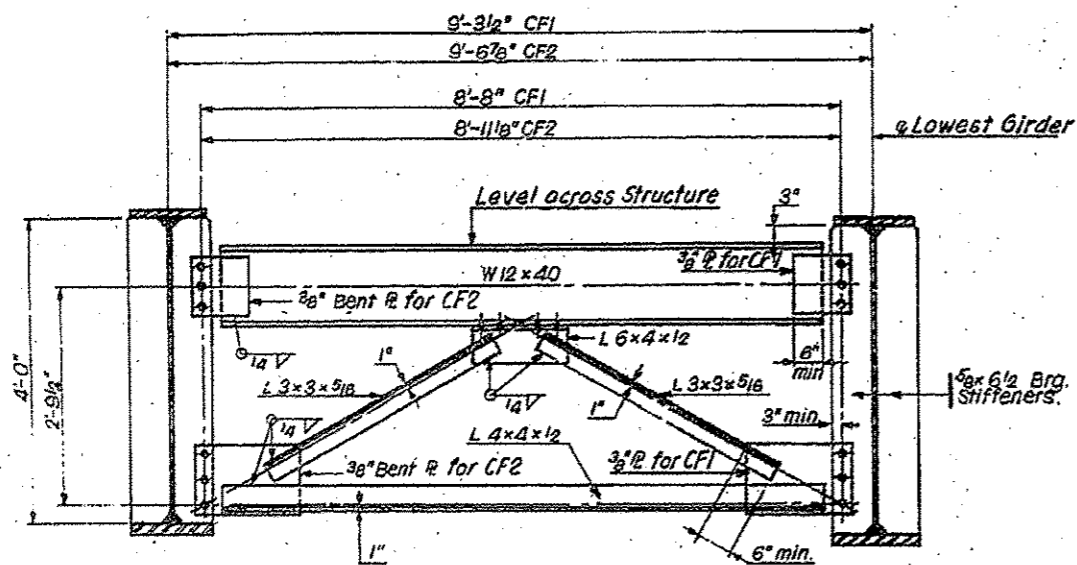
GIRDER ELEVATION

FILE NAME: c:\p\work\p\p\dot\edouard\0310773\010212\shs-plan.dgn	USER NAME: edouardj	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER PLAN			F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
MODEL NAME:	PLOT DATE: 9/28/2012	DRAWN: -	REVISED: -		SCALE:	SHEET 13 OF 16 SHEETS	STA. TO STA.	330	2012-054 BP	COOK	75	40	
		CHECKED: -	REVISED: -										
		DATE: -	REVISED: -										

CONTRACT NO. 60V56											
ILLINOIS FED. AID PROJECT											

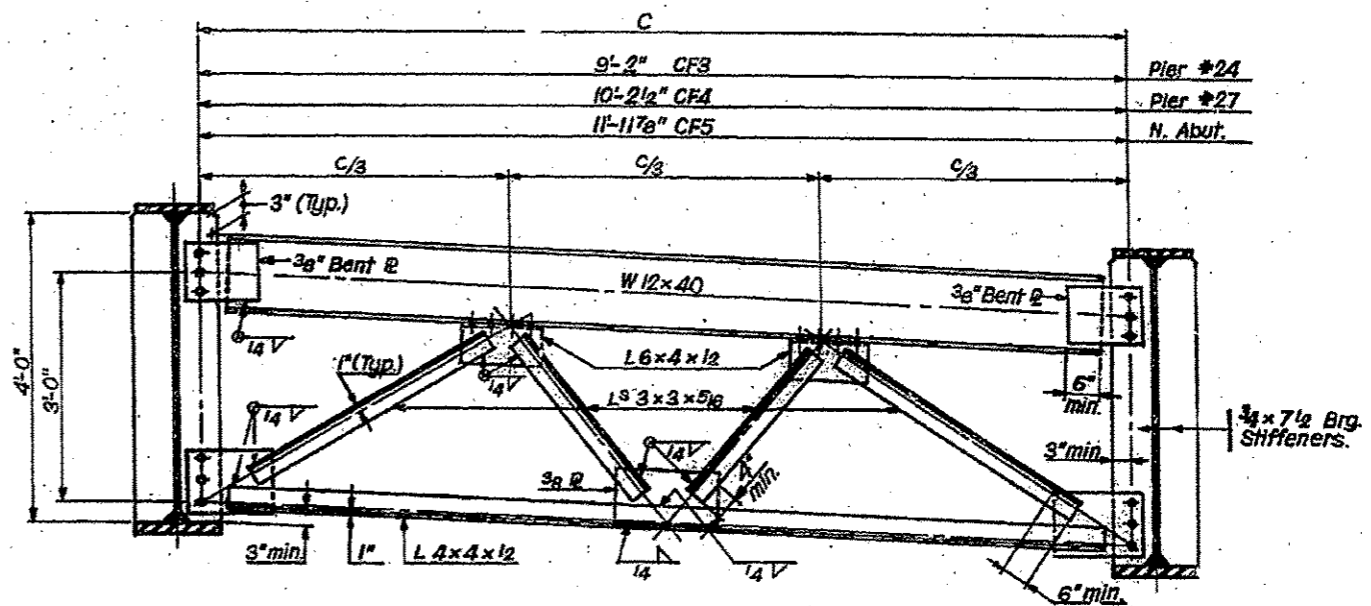


FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND PLATE GIRDER ELEVATION PLAN SN 016-2407: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
01\pwork\pvidot\edwardj\08313773\0108013-plt-plan.dgn	13-plt-plan.dgn	DRAWN -	REVISED -				330	2012-054 BP	COOK	75	41			
MODEL NAME *	PLOT SCALE * 1/8" = 1'-0"	CHECKED -	REVISED -				SCALE: SHEET 14 OF 16 SHEETS STA. TO STA.		CONTRACT NO. 60V56					
	PLOT DATE * 9/20/2012	DATE -	REVISED -				ILLINOIS FED. AID PROJECT							



END CROSS FRAME CF1 & CF2

No. Required: CF1 - 12
CF2 - 32



END CROSS FRAME CF3 CF4 & CF5

No. Required: CF3 - 8
CF4 - 8
CF5 - 4

FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -
o:\p\work\p\dot\edwardj\08313773\DI08313773-12-sht-plen.dgn		DRAWN -	REVISED -
PLOT SCALE * 1/8"=1'-0"		CHECKED -	REVISED -
MODEL NAME *	PLOT DATE * 9/28/2012	DATE -	REVISED -

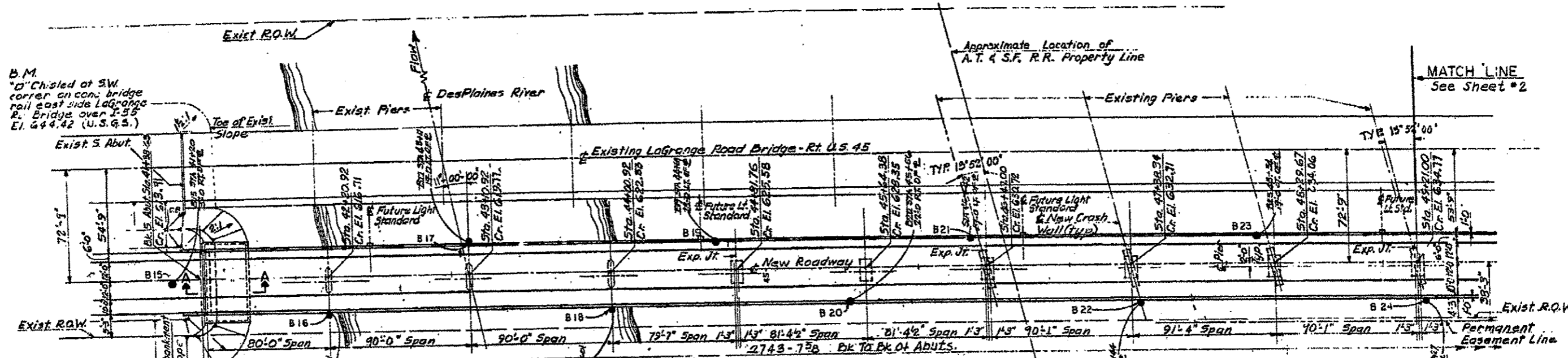
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS FRAME DETAILS
SN 016-2407: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR

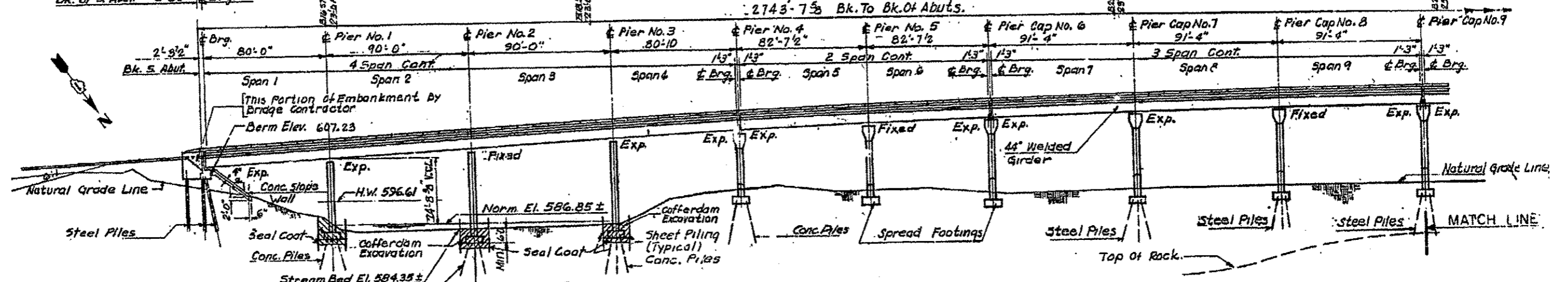
SCALE: SHEET 15 OF 16 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2012-054 BP	COUNTY COOK	TOTAL SHEETS 75	SHEET NO. 42
CONTRACT NO. 60V56			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY



PLAN

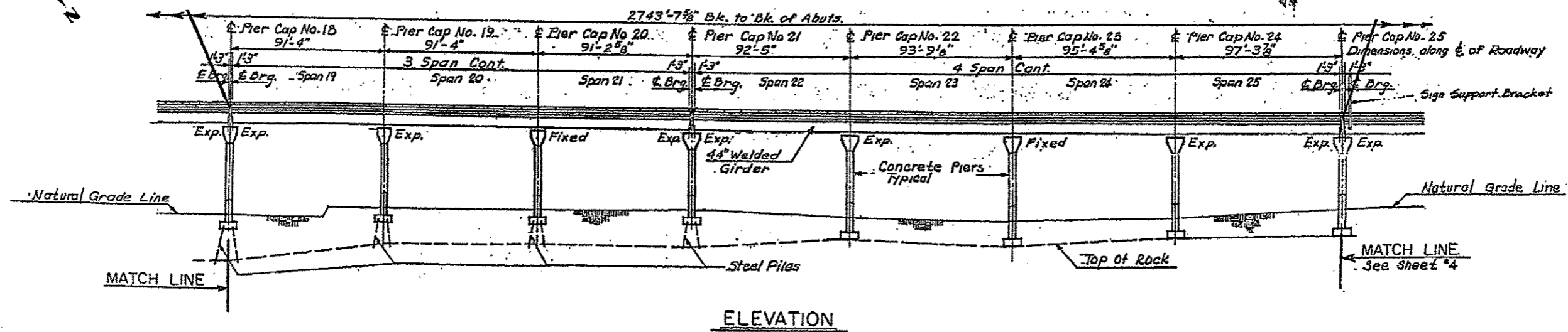
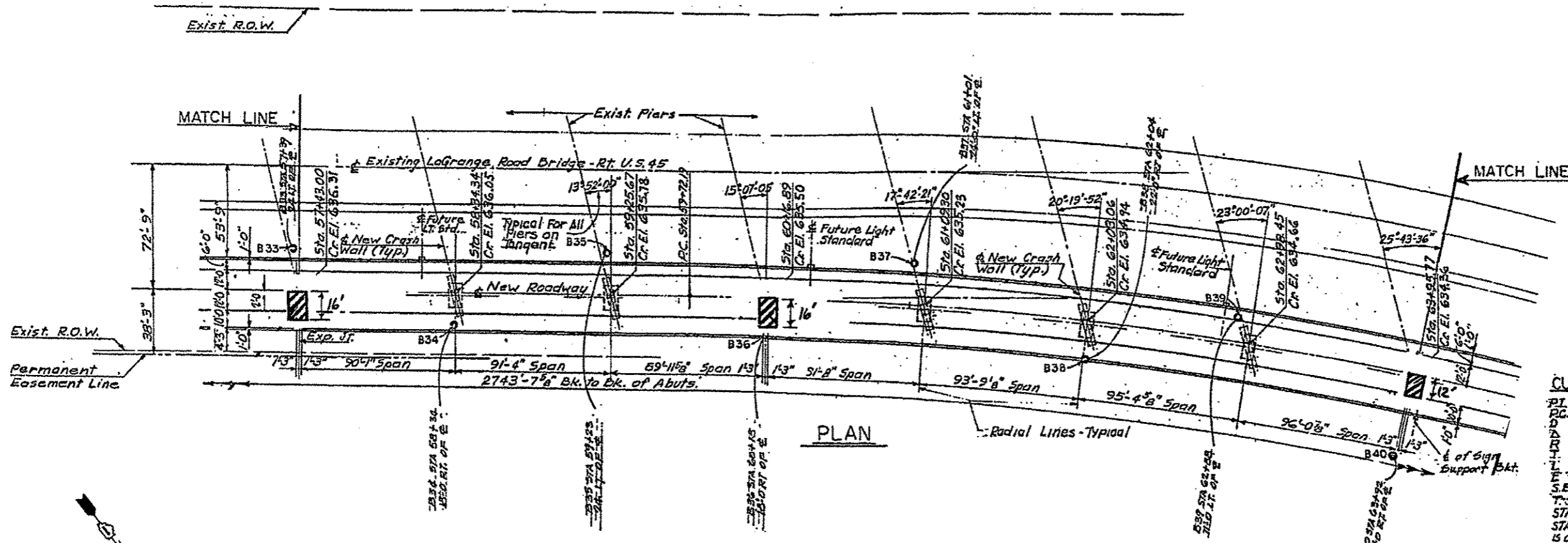


ELEVATION

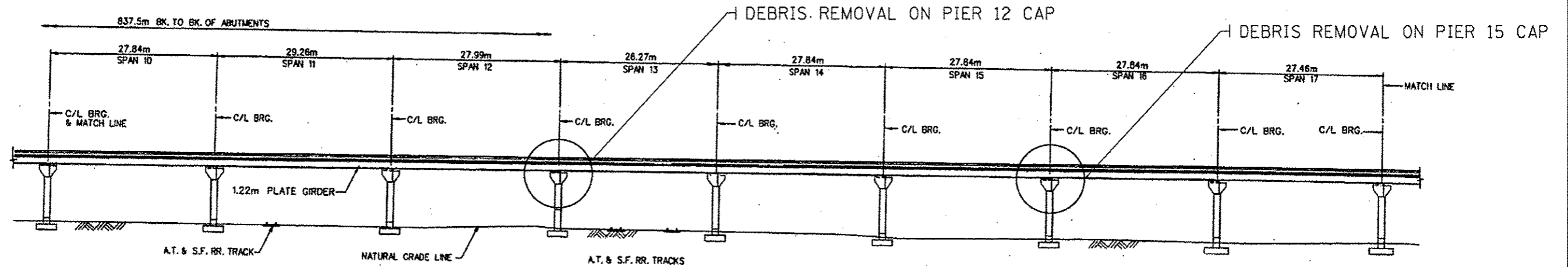
NOTE:
Elevation To Cr. Are To
The Top Of Wearing Surface

FILE NAME *	USER NAME * edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pvidot\edwardj\08313773\010813-shs-plan.dgn		DRAWN -	REVISED -		SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	44	
PLOT SCALE * 1/8" = 1'-0"		CHECKED -	REVISED -		SCALE)	SHEET 1	OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56	
PLOT DATE * 9/28/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

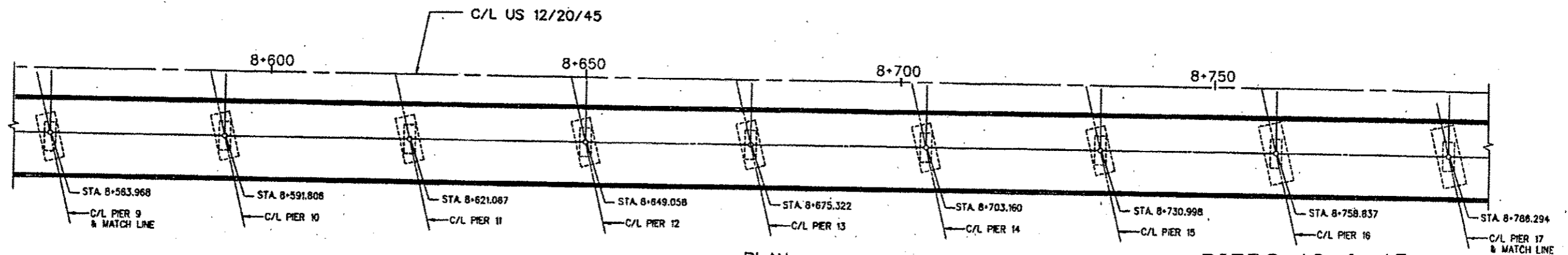
FOR INFORMATION ONLY



FILE NAME *	USER NAME * adwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\adwardj\d0313773\018013-sht-plan.dgn		DRAWN -	REVISED -		SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	46	
#MODELNAME#	PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -		SCALE:	SHEET 3	OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56	
	PLOT DATE * 9/28/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



ELEVATION

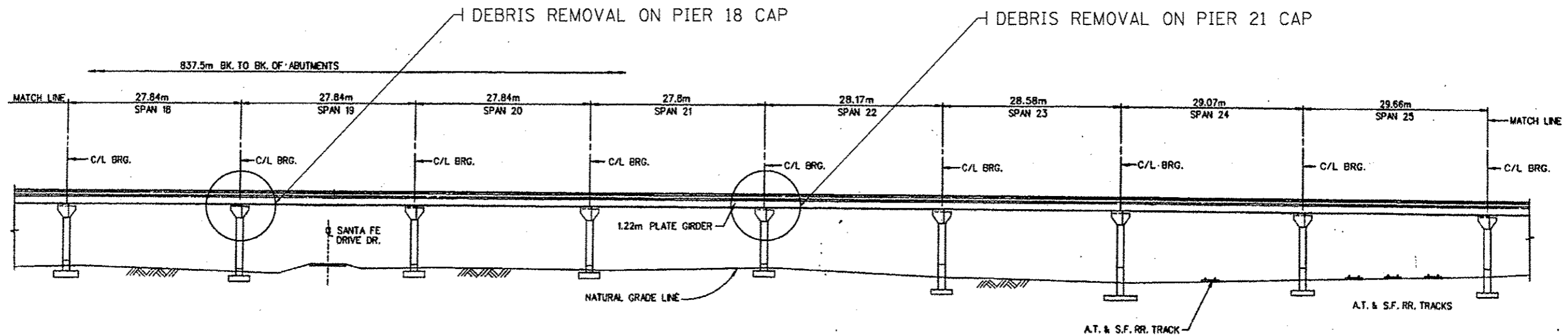


PLAN

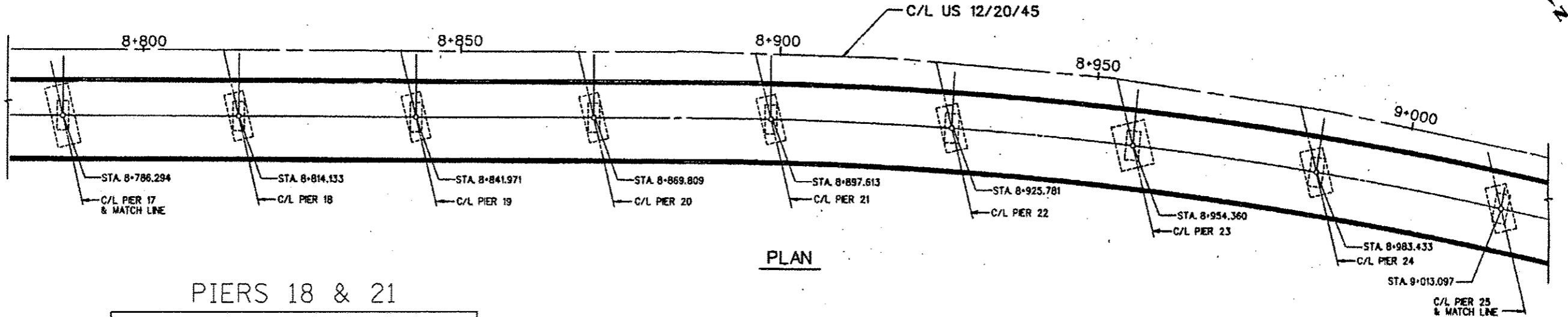
PIERS 12 & 15

BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	Cu YD	1.8

FILE NAME *	USER NAME * pughat	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEBRIS REMOVAL PLAN SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pughat\pughat\08313773\DI10051	8-shit-plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	49
PLOT SCALE * 100.0000' / 1" =		CHECKED -	REVISED -			SCALE: SHEET 6 OF 30 SHEETS STA. TO STA.		CONTRACT NO. 60V56		
PLOT DATE * 9/21/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



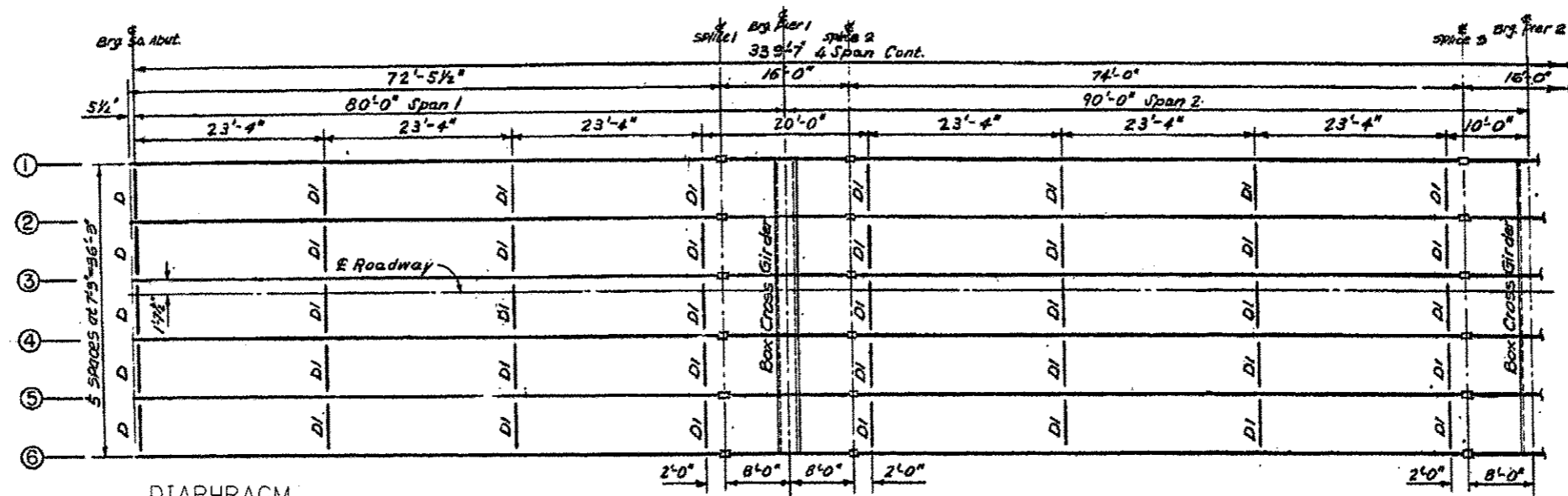
ELEVATION



PLAN

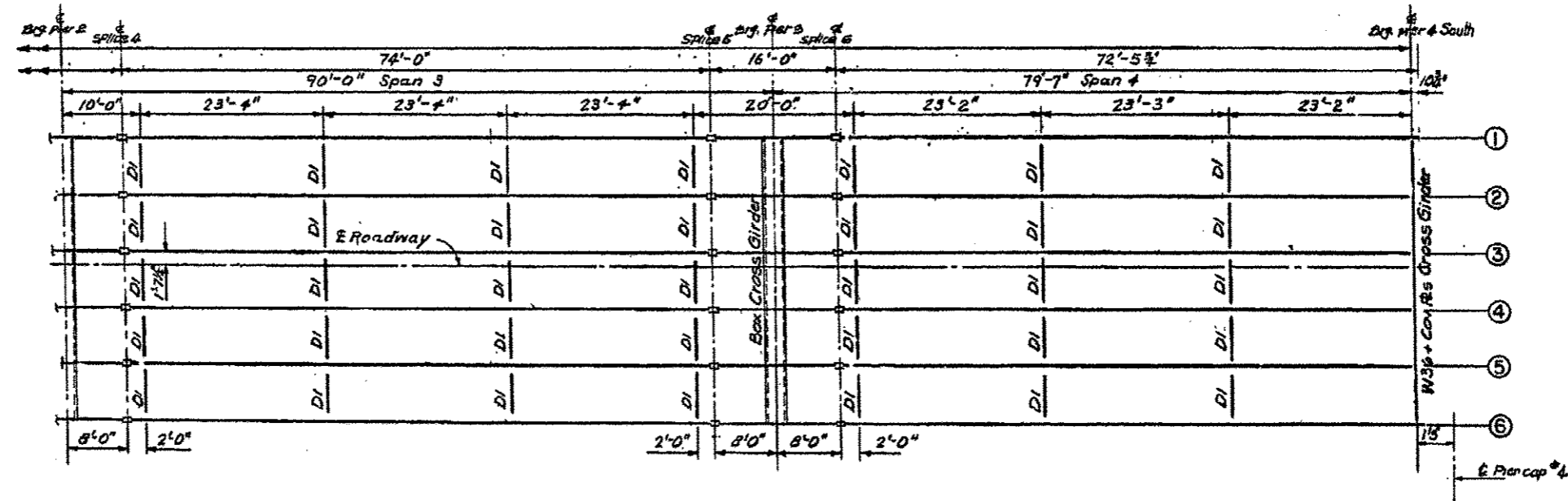
PIERS 18 & 21

BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	Cu YD	1.8

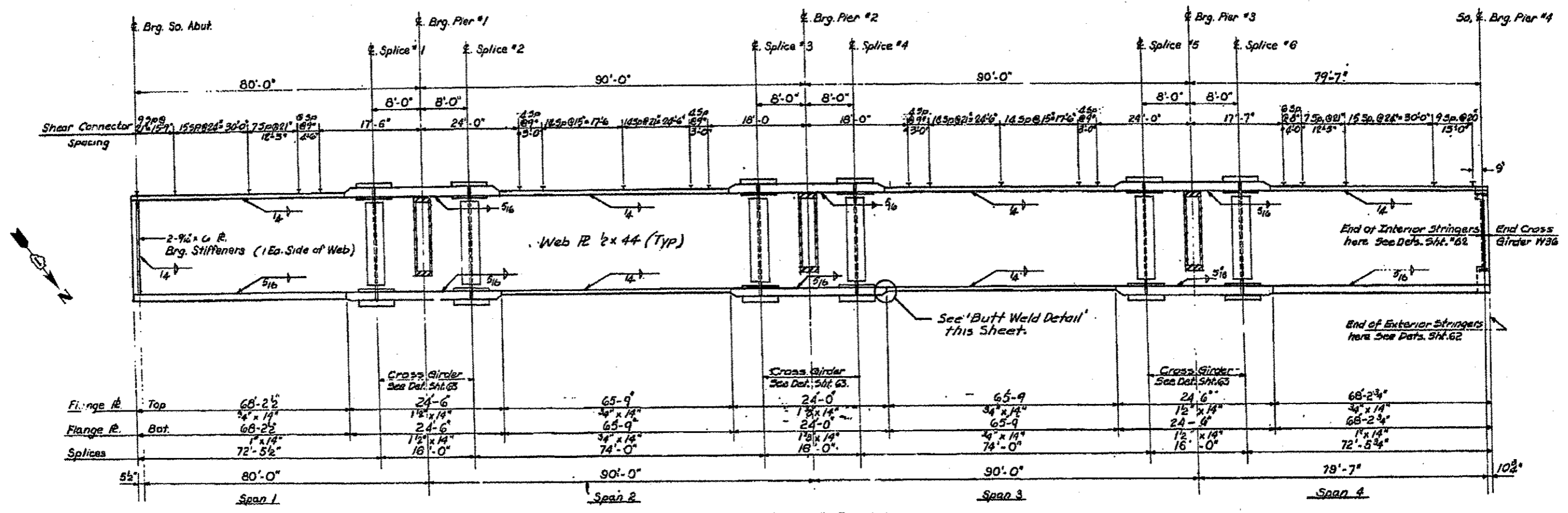


DIAPHRAGM
D = W 12 X 40 (TYP.)

FRAMING PLAN

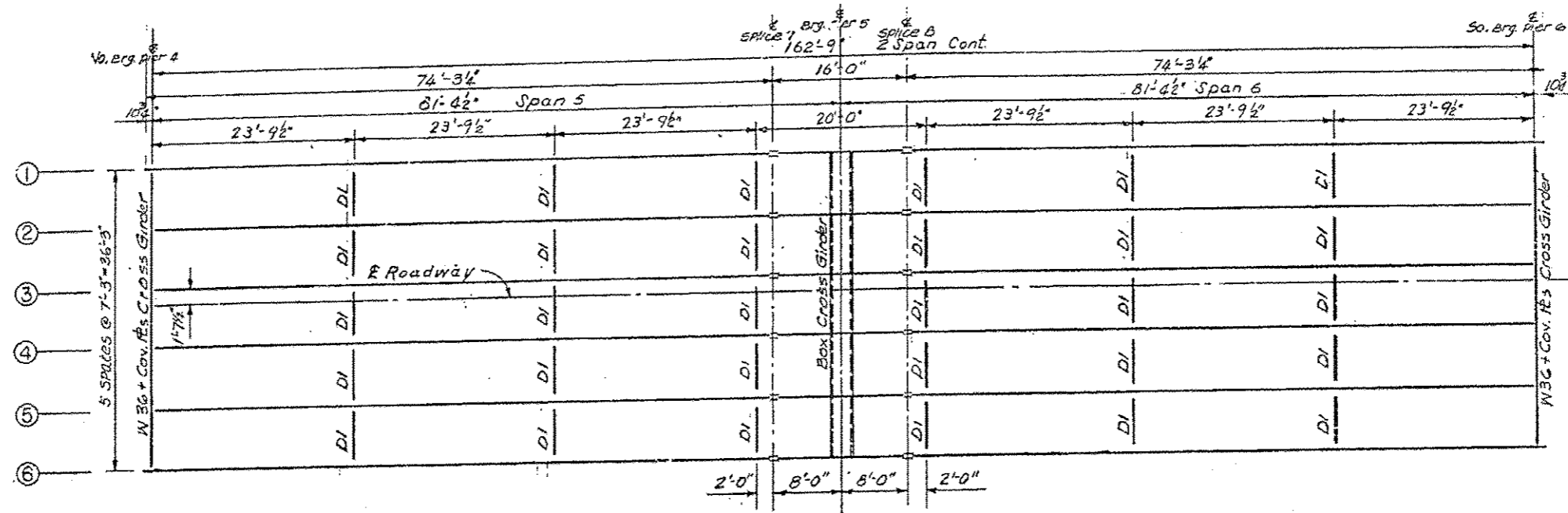


FILE NAME : c:\pwork\pido\edwardj\08313773\DI0813-ah1-plan.dgn	USER NAME : edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 1/8" = 1'-0"	CHECKED -	REVISED -			330	2012-054 BP	COOK	75	52
#MODELNAME#	PLOT DATE : 10/3/2012	DATE -	REVISED -	SCALE: SHEET 9 OF 30 SHEETS STA. TO STA.		CONTRACT NO. 60V56		ILLINOIS FED. AID PROJECT		

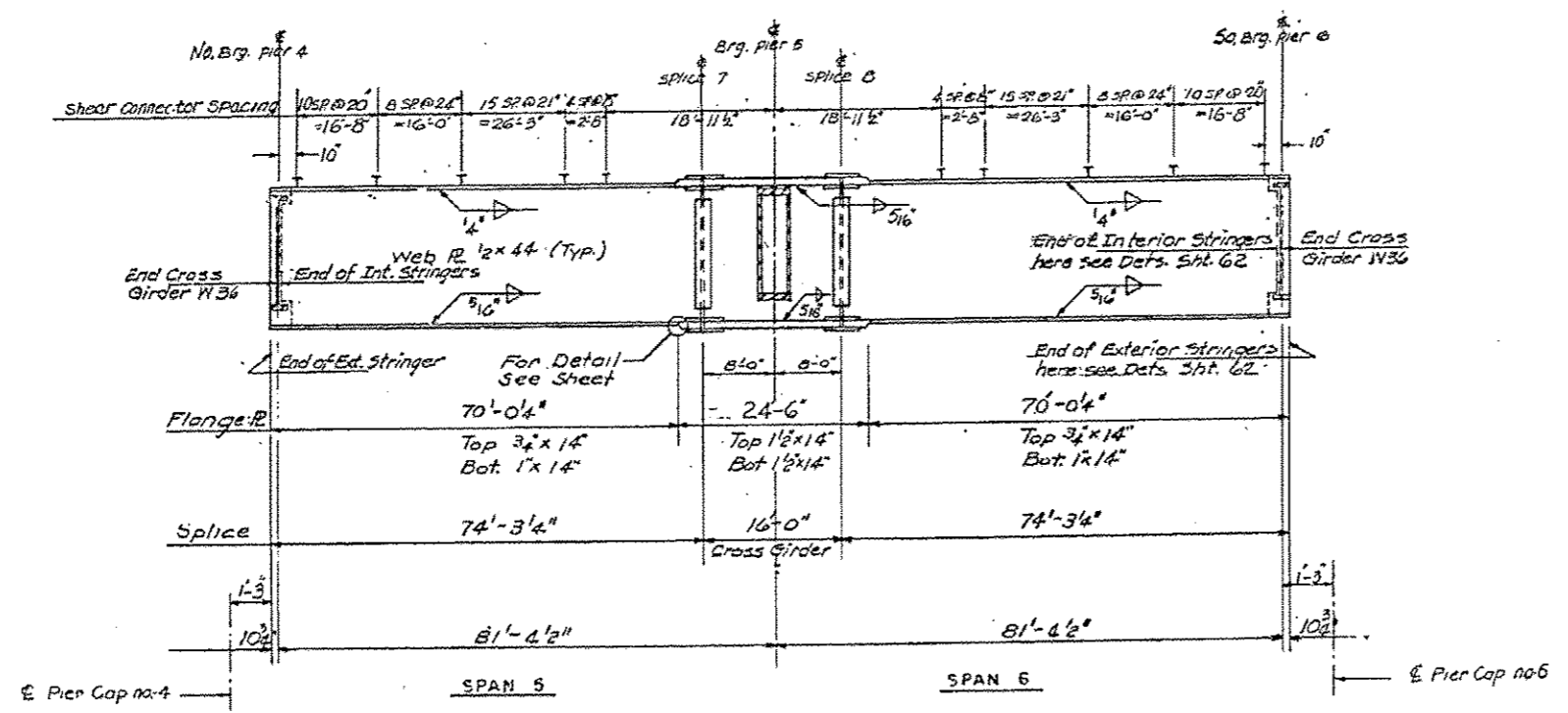


GIRDER ELEVATION

FILE NAME *	USER NAME * honge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GIRDER ELEVATION PLAN SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pudat\honge\0313773\0100513	shc-plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	53	
PLOT SCALE * 100.0000 / 1"	PLOT DATE * 9/20/2012	CHECKED -	REVISED -			CONTRACT NO. 60V56					
#MODELNAME*		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

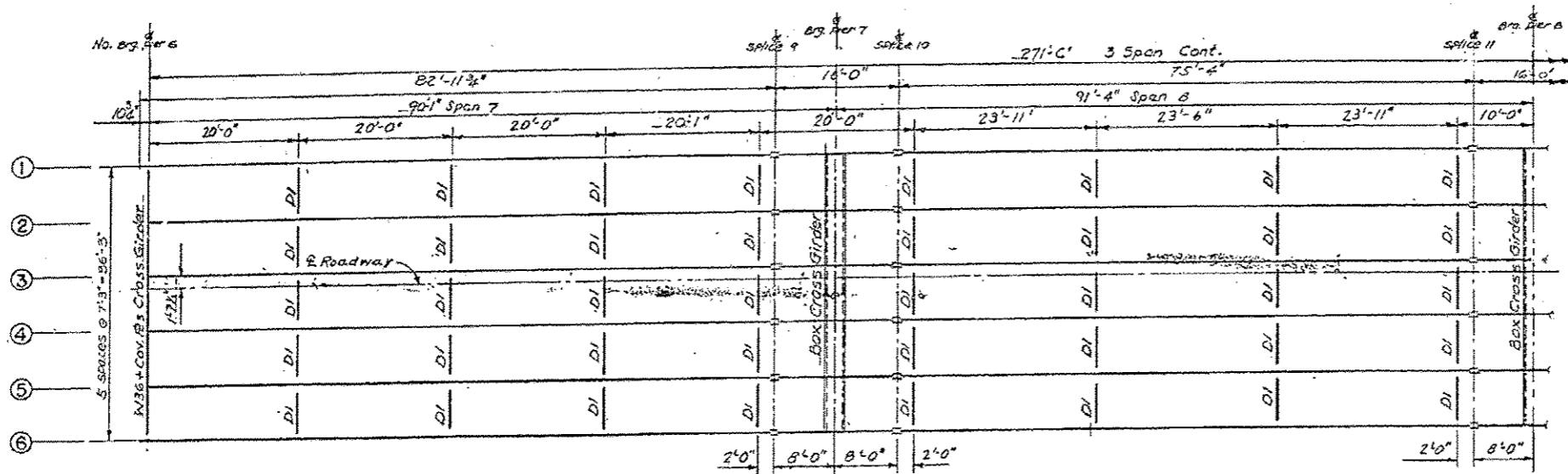


FRAMING PLAN

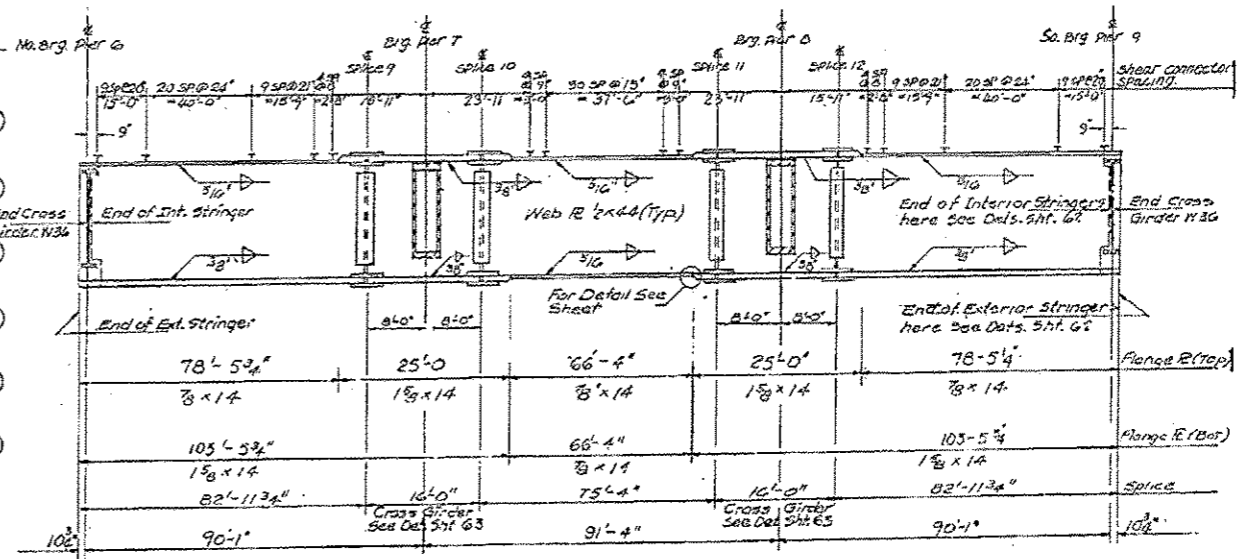
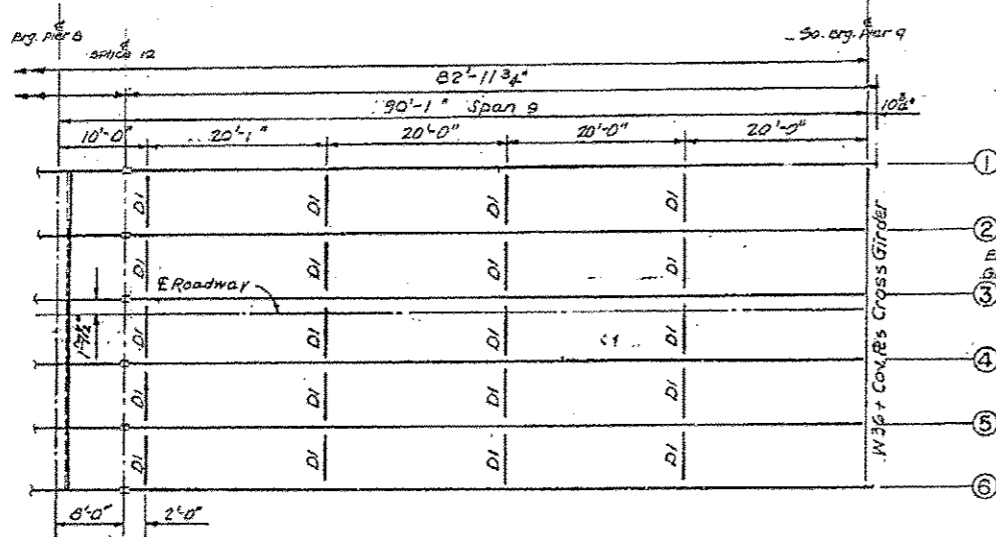


GIRDER ELEVATION

FILE NAME =	USER NAME = honge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND GIRDER ELEVATION PLAN SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pvd\del\honge\10831773-01809512	shc-plan.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	54	
	PLOT SCALE = 100.0000 1/16"	CHECKED -	REVISED -			CONTRACT NO. 60V56					
#MODELNAME#	PLOT DATE = 9/28/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET 11	OF 30	SHEETS	STA.	TO STA.

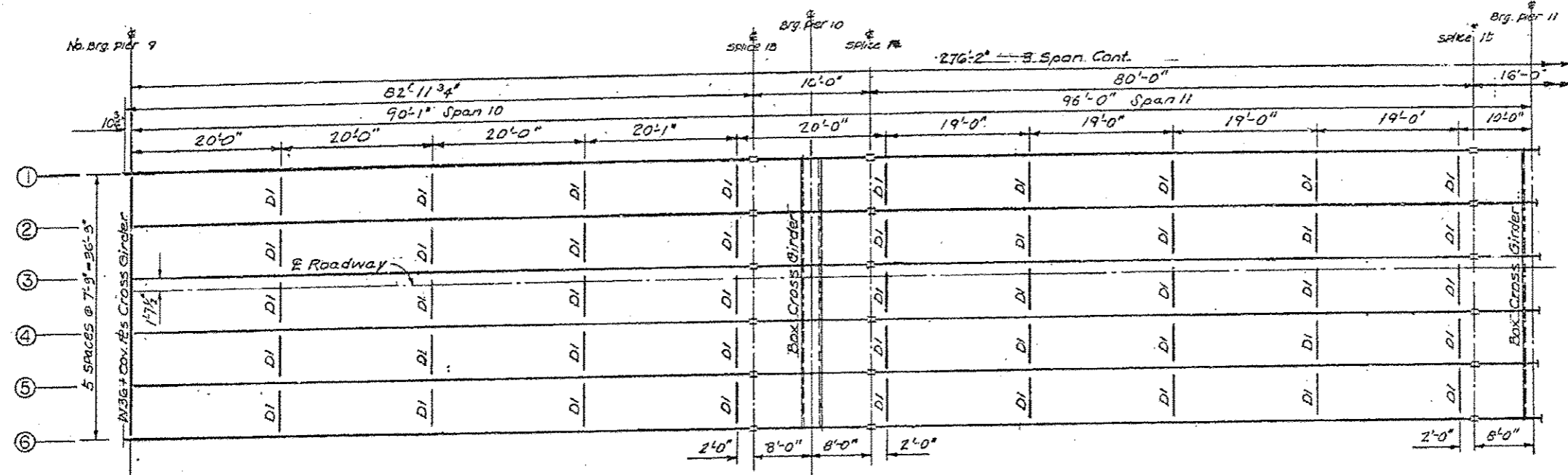


FRAMING PLAN

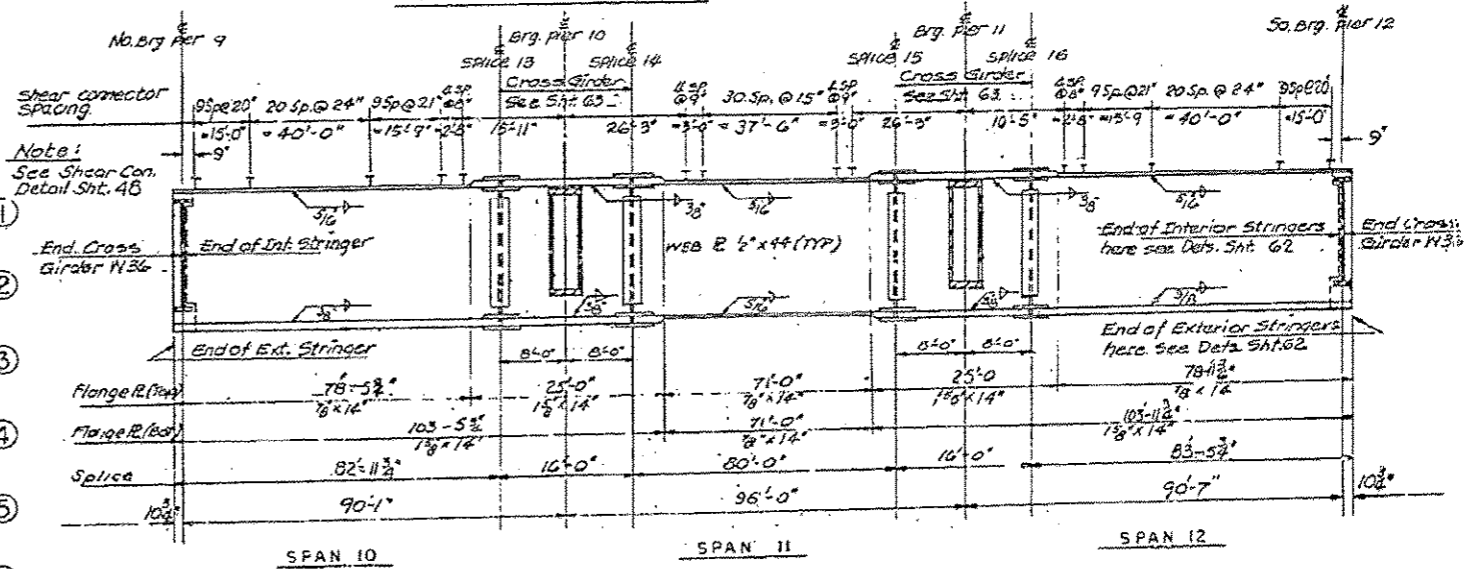
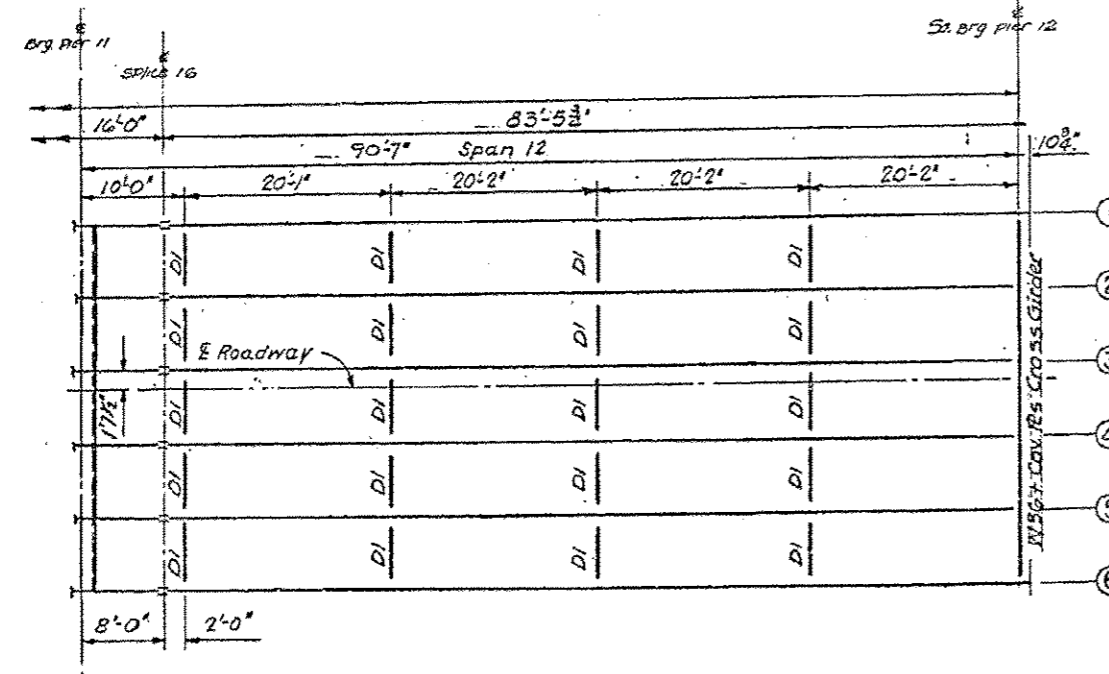


GIRDER ELEVATION

FILE NAME *	USER NAME * honga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND GIRDER ELEVATION PLAN SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\p\work\p\des\honga\0313773\0102513	shl\p\en.dgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	58
PLOT SCALE * 1/8"=1'-0" / in.	CHECKED -	REVISED -	SCALE:			SHEET 12	OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56
PLOT DATE * 9/20/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

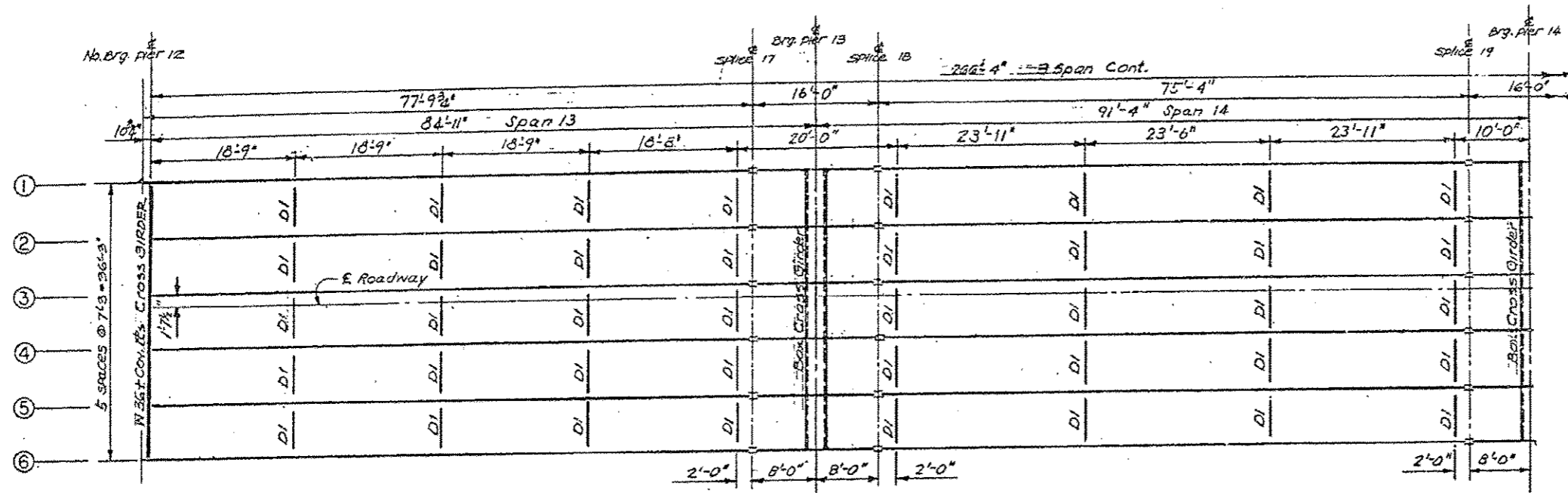


FRAMING PLAN

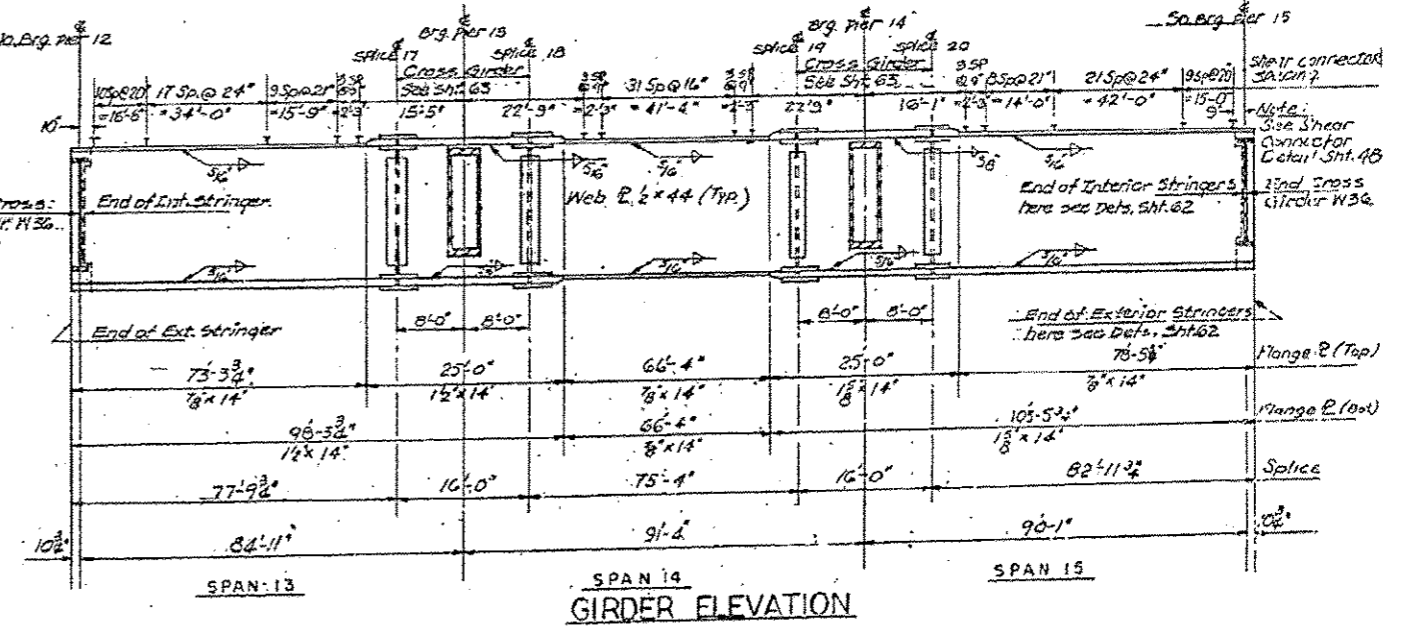
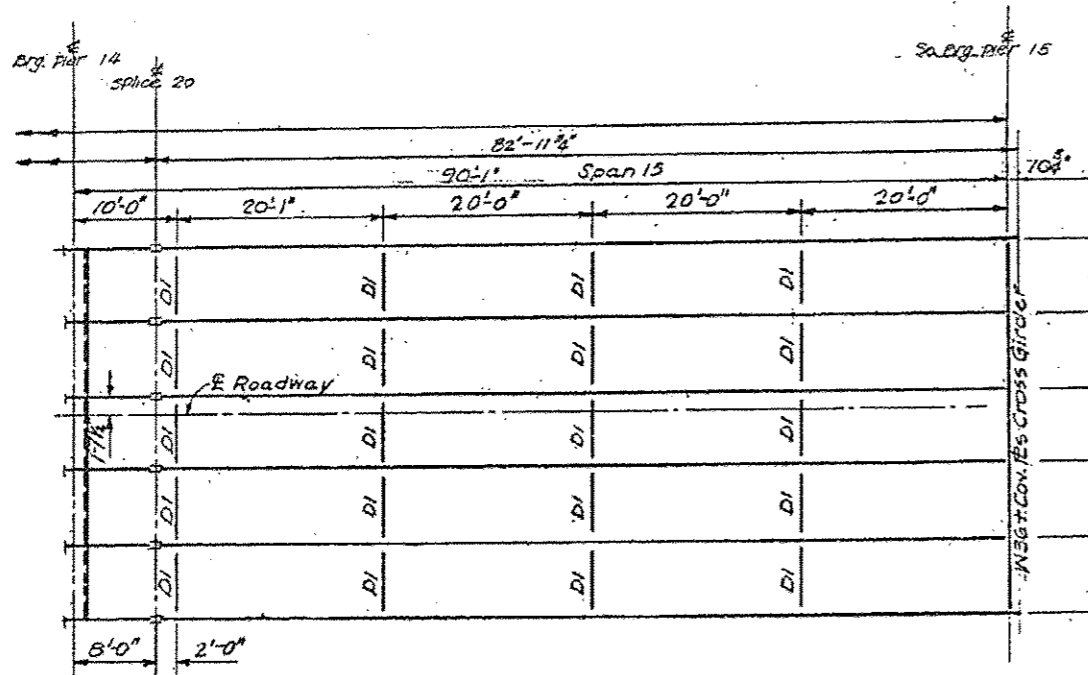


GIRDER ELEVATION

FILE NAME *	USER NAME * hong	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND GIRDER ELEVATION PLAN SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\p1\p1dot\hong\0831777\018051	sht-planudgn	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	56	
PLOT SCALE * 100.0000	PLT	CHECKED -	REVISED -			CONTRACT NO. 60V56					
#MODELNAME*	PLT DATE * 4/28/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET 13	OF 30 SHEETS	STA.	TO STA.	

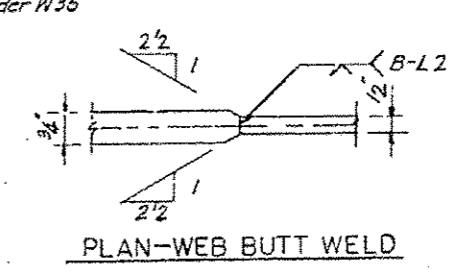
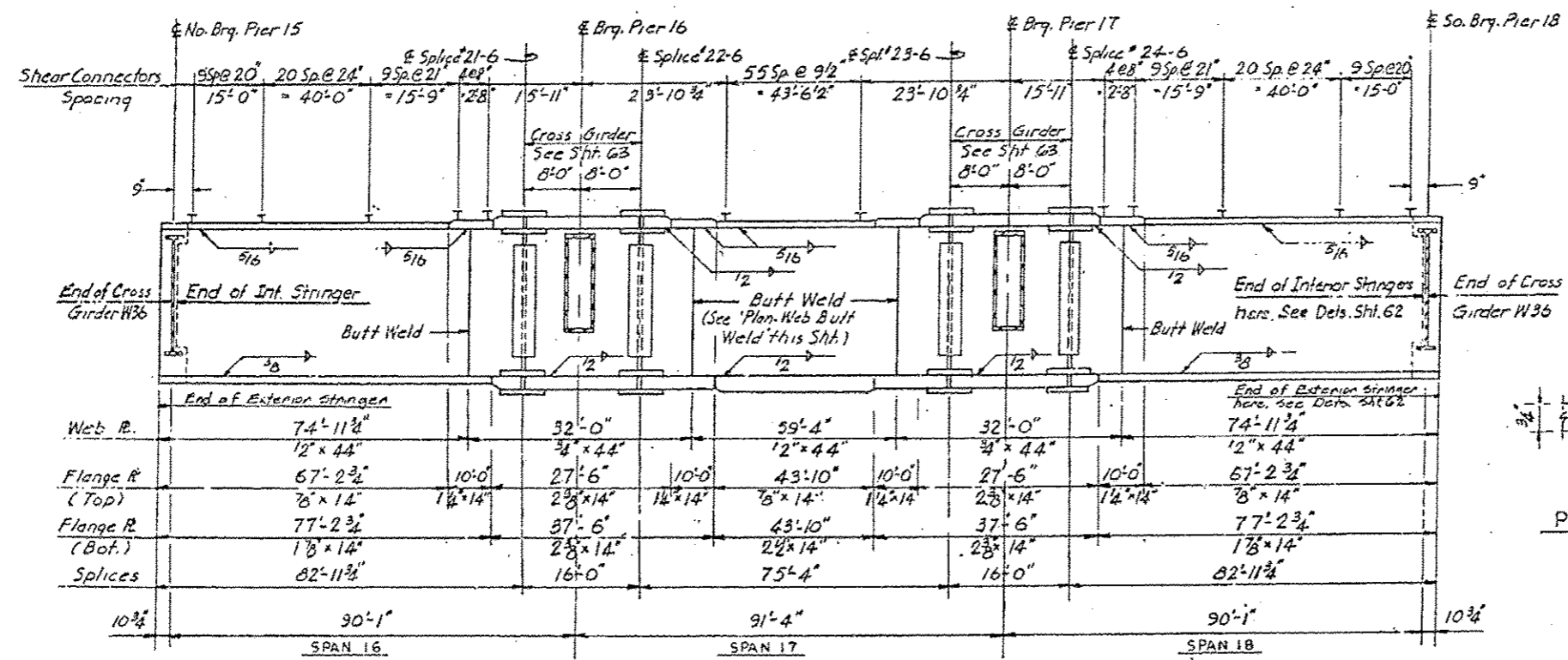
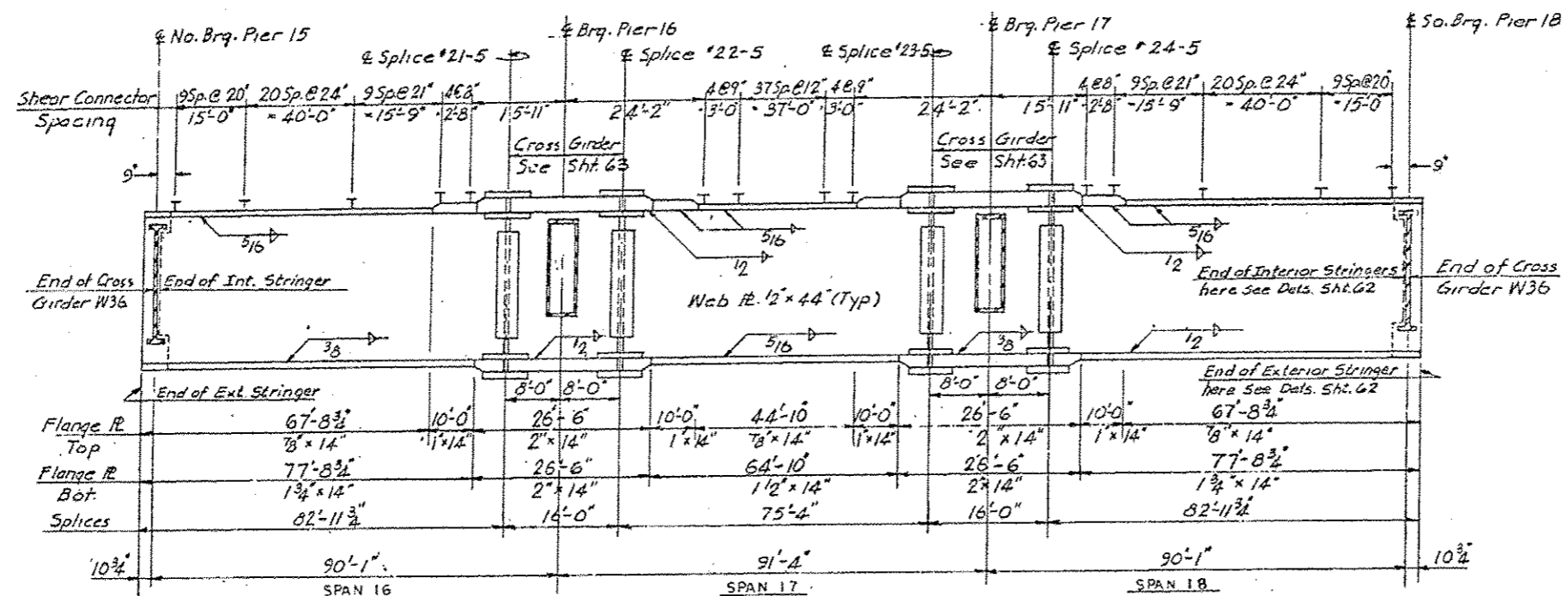


FRAMING PLAN

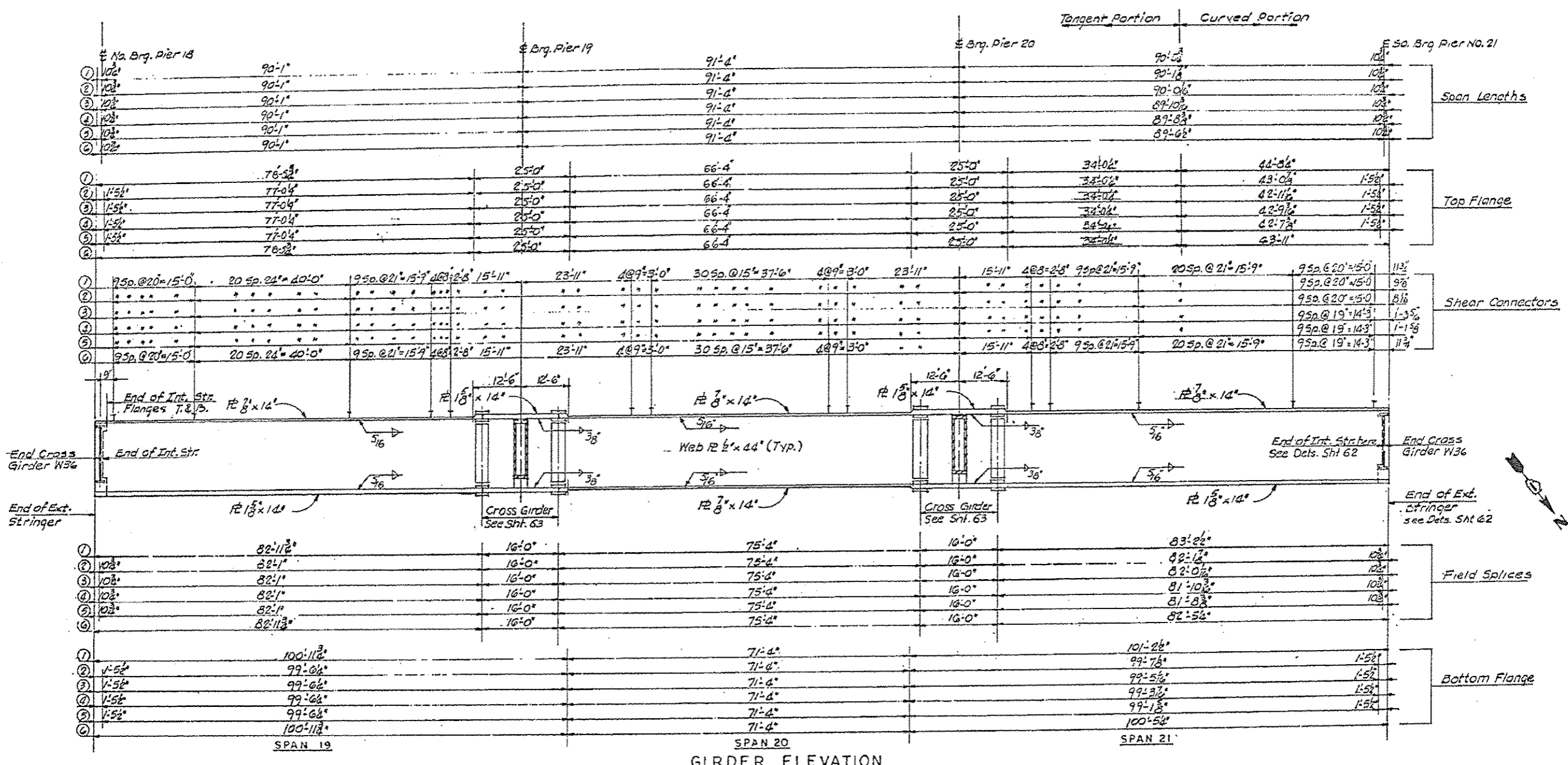


GIRDER ELEVATION

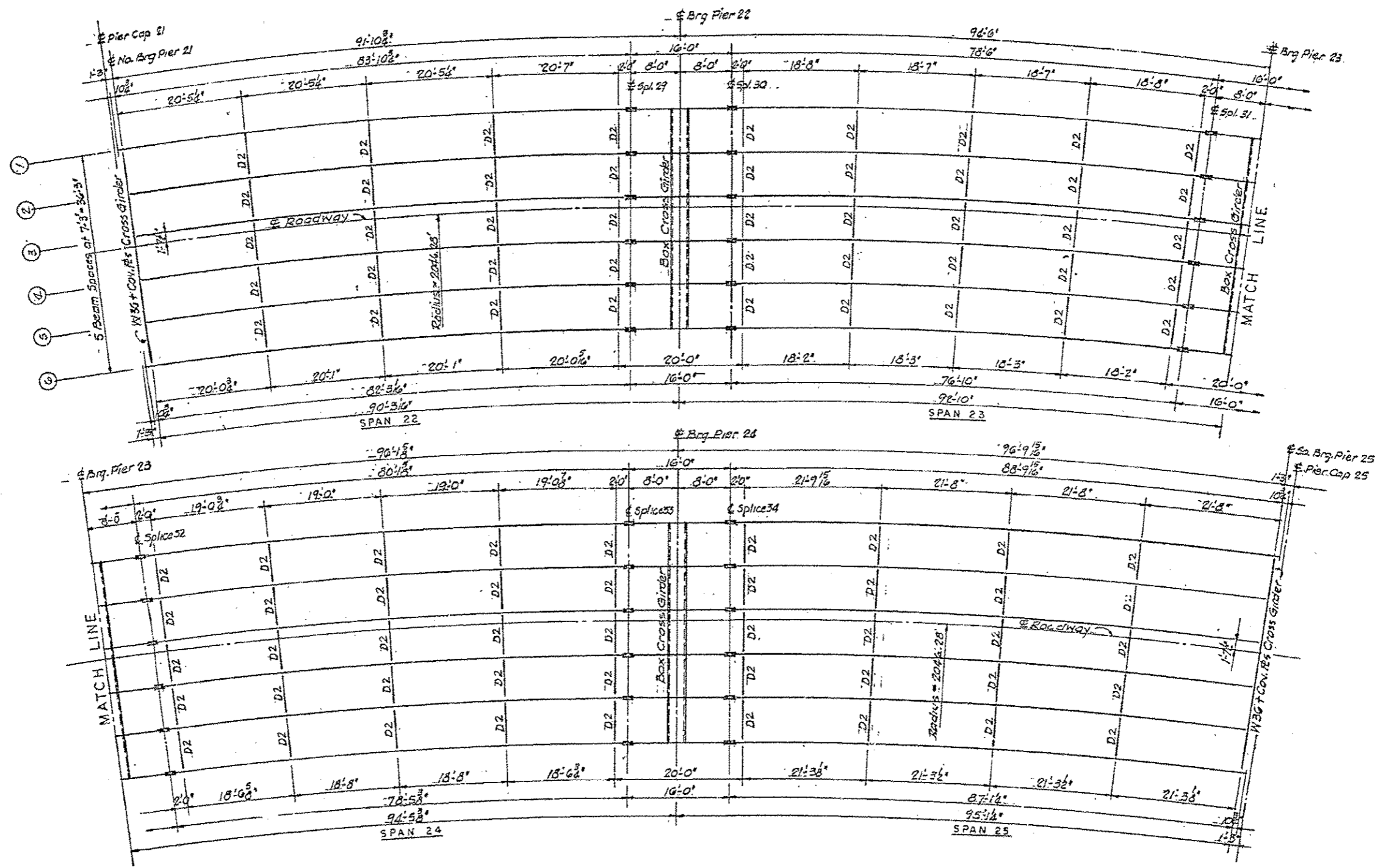
FILE NAME #	USER NAME # edward-dj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE FRAMING AND GIRDER ELEVATION PLAN SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Plot Scale = 1/8" = 1'-0"	Plot Date = 9/28/2012	DRAWN -	REVISED -			330	2012-054 BP	COOK	75	57	
		CHECKED -	REVISED -			CONTRACT NO. 60V56					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME: c:\p\work\p\edouardj\d0313773\010113-ahc\plan.dgn	USER NAME: edouardj	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GIRDER ELEVATION PLAN			F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
MODEL NAME:	PLOT DATE: 4/28/2012	DRAWN: -	REVISED: -		SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	59		
		CHECKED: -	REVISED: -		SCALE: SHEET 16 OF 30 SHEETS STA. TO STA.	CONTRACT NO. 60V56			ILLINOIS FED. AID PROJECT			
		DATE: -	REVISED: -									

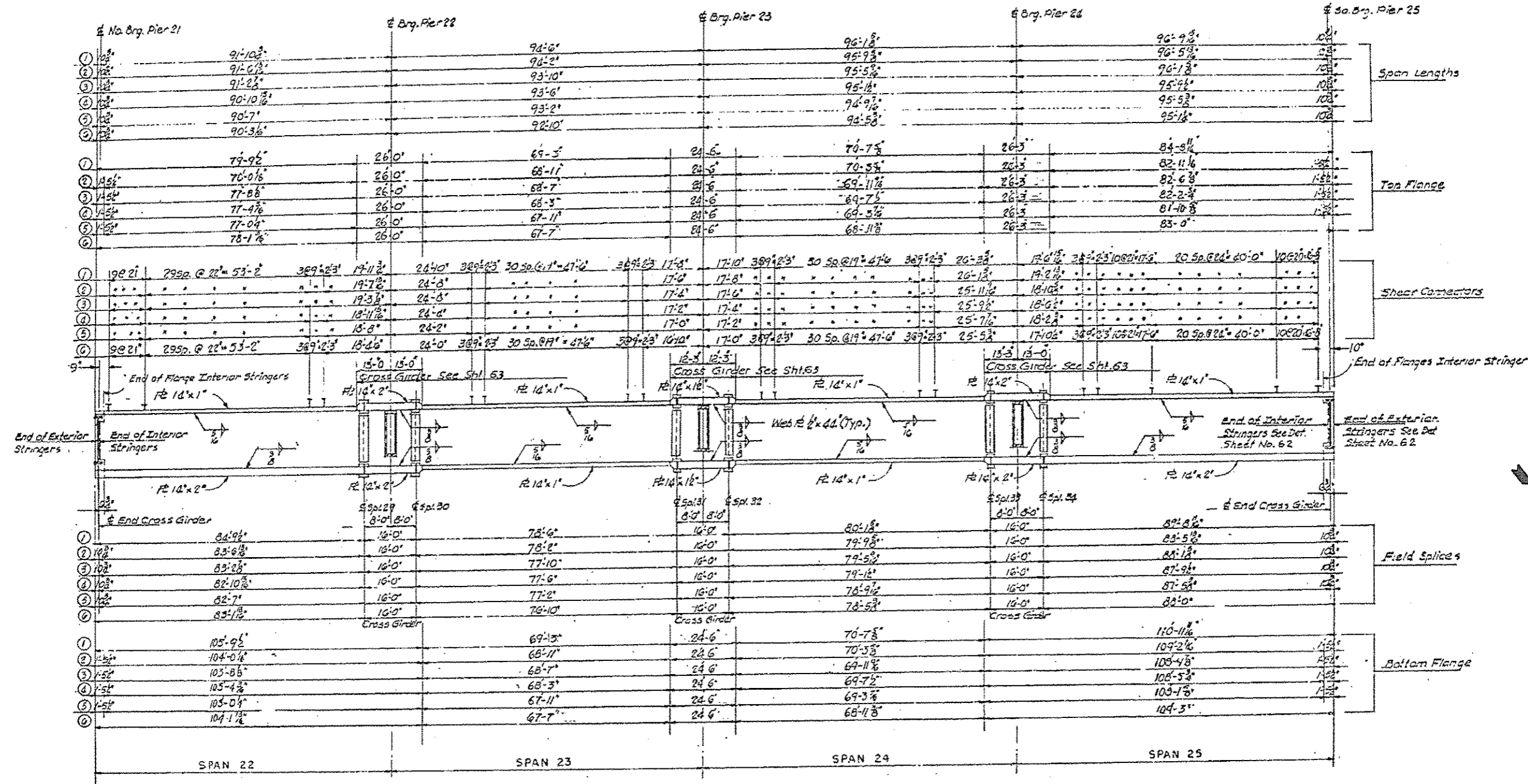


GIRDER ELEVATION

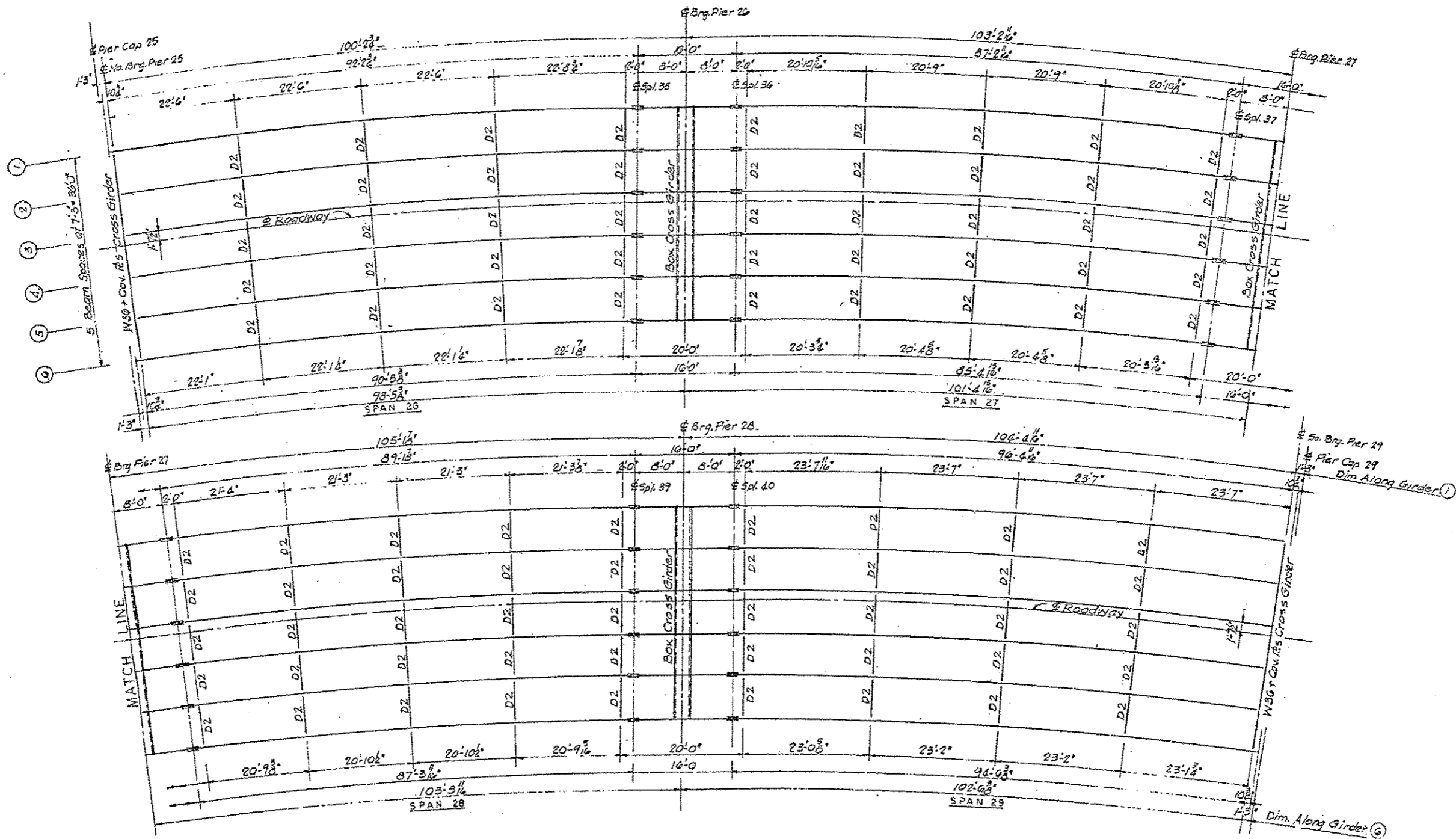


FRAMING PLAN

FILE NAME *	USER NAME = edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pvc\work\pvc\edwardj\08312773\010	13-shr-plandgn	DRAWN -	REVISED -		SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	62		
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET 19	OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56		
PLOT DATE = 9/28/2012	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

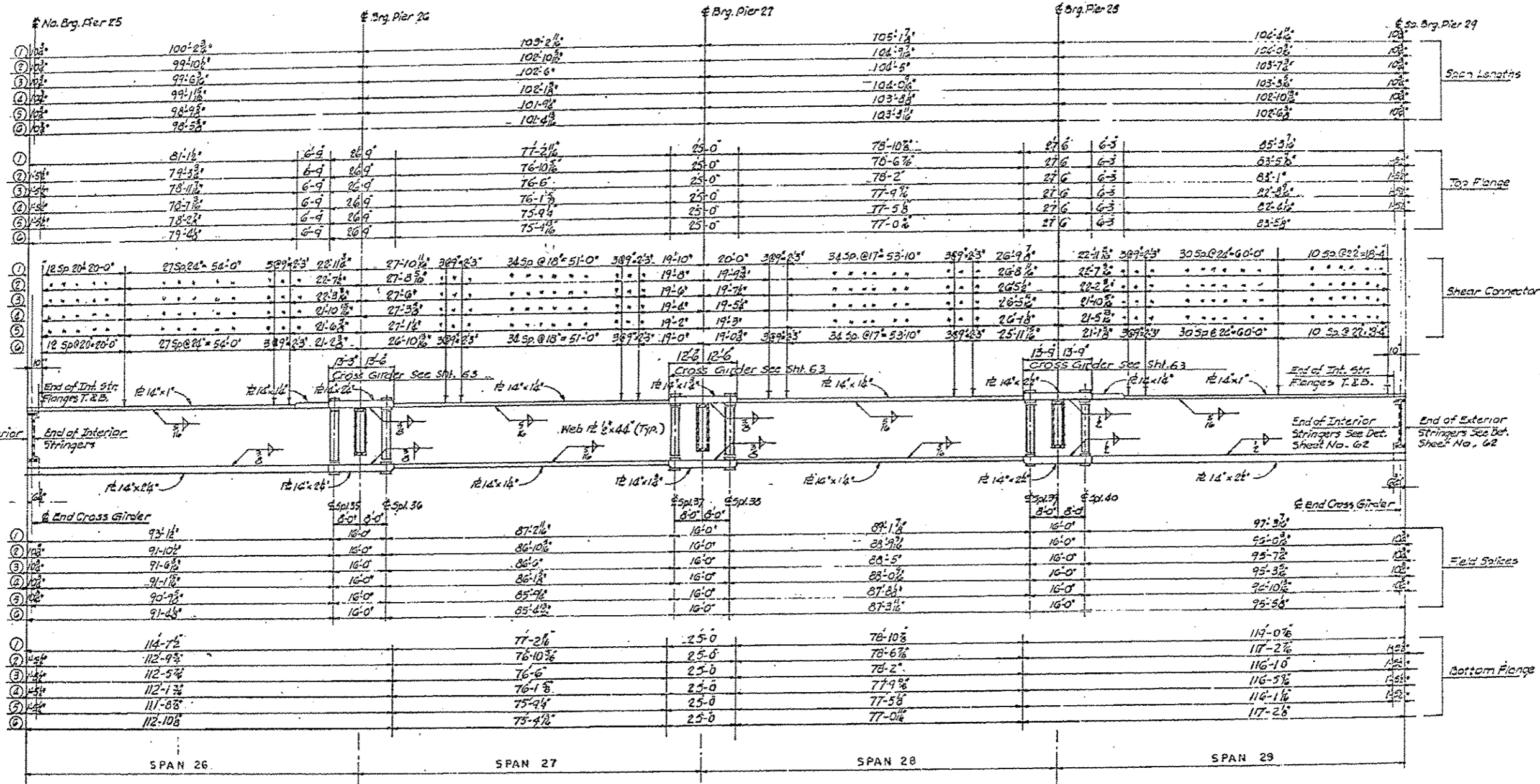


GIRDER ELEVATION



FRAMING PLAN

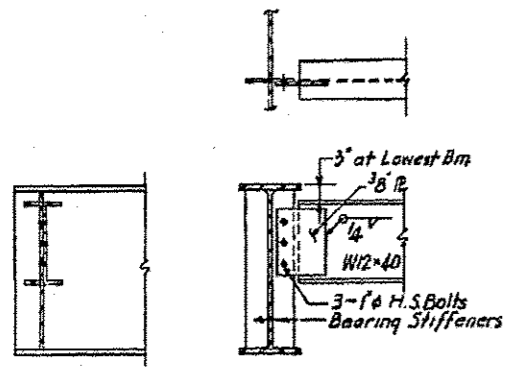
FILE NAME =	USER NAME = edwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE FRAMING PLAN SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	P.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\edwardj\08313773\0100013-ht-plan.dgn	DRAWN -	REVISED -	330			2012-054 BP	COOK	75	64	
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -	CONTRACT NO. 60V56							
MODEL NAME =	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



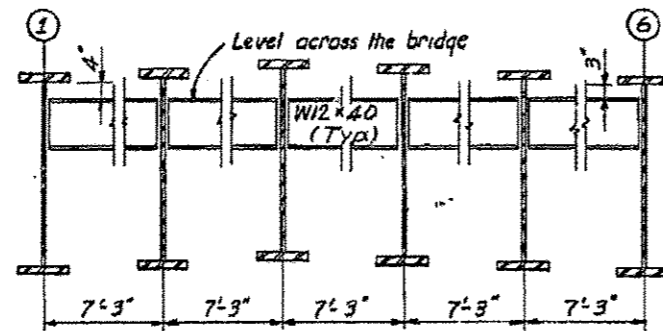
GIRDER ELEVATION

FILE NAME *	USER NAME * edward-dj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GIRDER ELEVATION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\edward-dj\0313773\0102513-shc-plan.dgn		DRAWN -	REVISED -		SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	65		
MODEL NAME *		CHECKED -	REVISED -		SCALE:	SHEET 22	OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56		
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

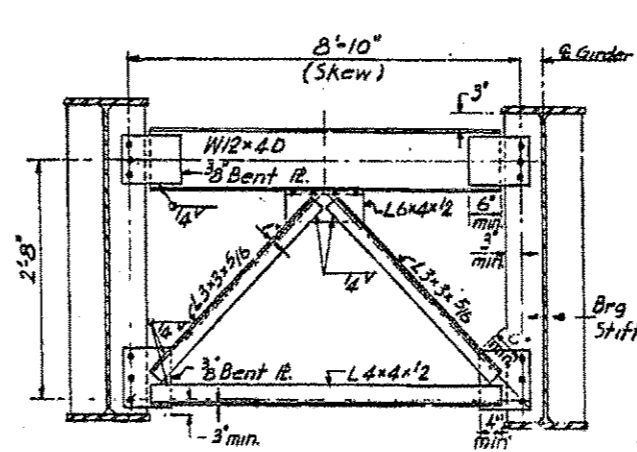
FOR INFORMATION ONLY



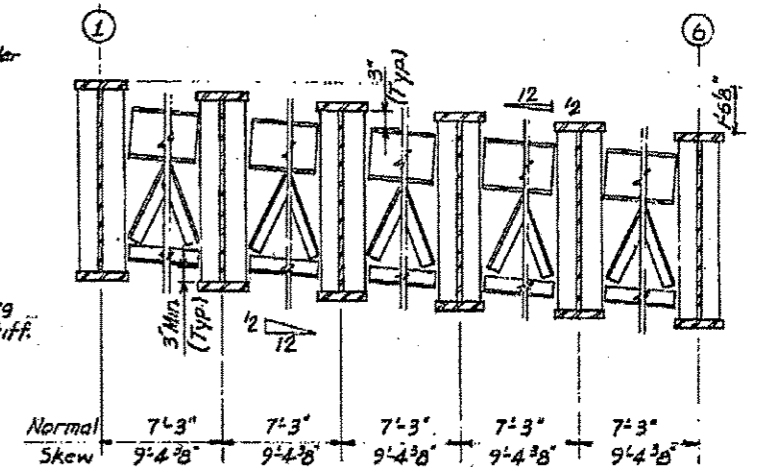
END DIAPHRAGM 'D'
(At South Abutment)



ELEV. END DIAPHRAGM 'D'



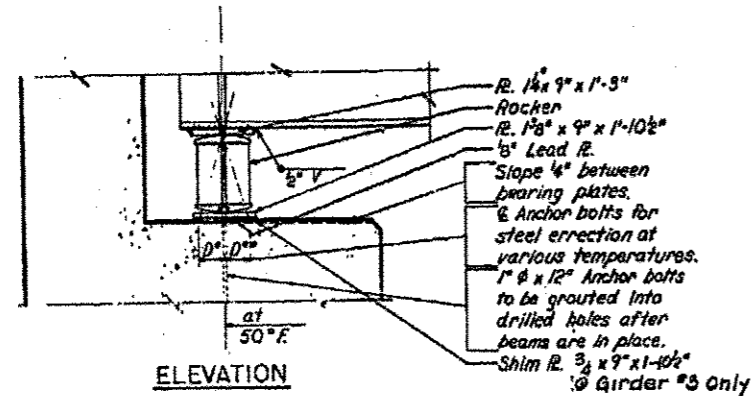
TYP. END CROSS FRAME 'D3'
(At North Abutment)



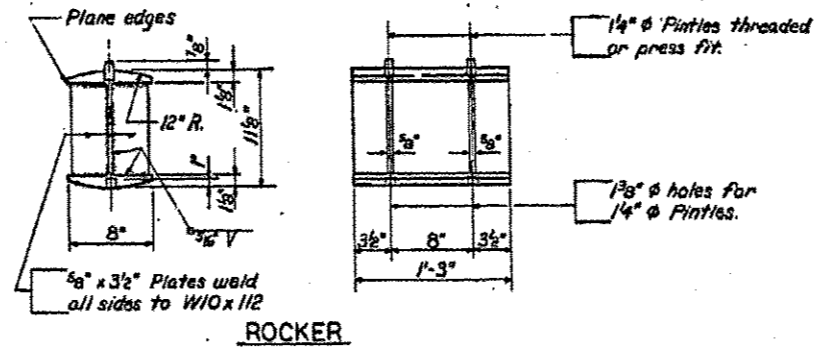
ELEV. END CROSS FRAME 'D3'

FILE NAME:	USER NAME: reichenbach	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIAPHRAGM AND CROSS FRAME DETAILS SN 016-2467: US 122045 OVER DES PLAINES RIVER & SANTA FE DR	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
c:\pwwork\pwwork\reichenbach\1\0313773	0180513-shs-plan.dgn	DRAWN: -	REVISED: -			330	2012-054 BP	COOK	75	70	
PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISED: -	REVISED: -			CONTRACT NO. 60V56					
PLOT DATE: 9/20/2012	DATE: -	REVISED: -	REVISED: -			ILLINOIS FED. AID PROJECT					
MODELNAME:						SCALE:	SHEET 27 OF 30 SHEETS	STA. TO STA.			

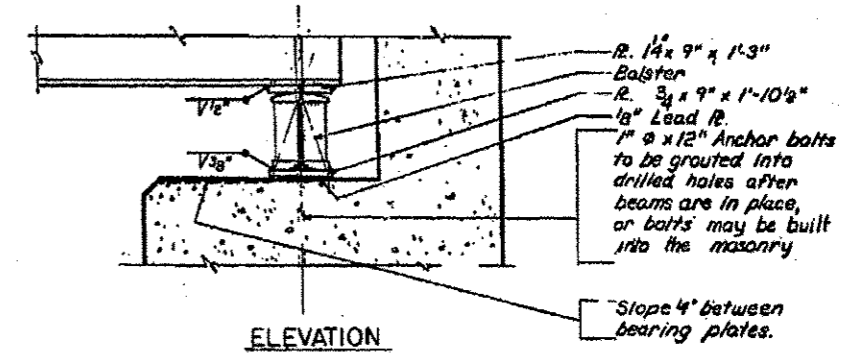
FOR INFORMATION ONLY



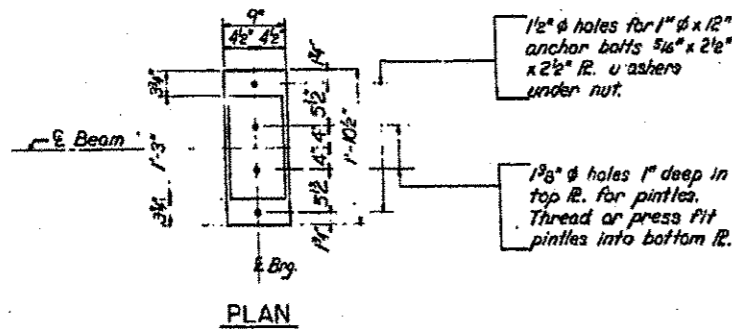
ELEVATION



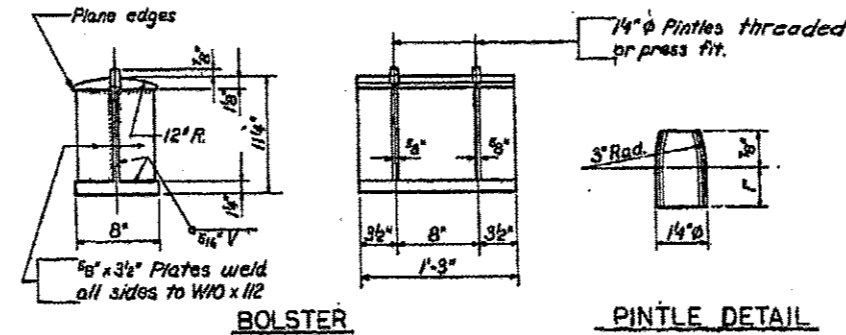
ROCKER



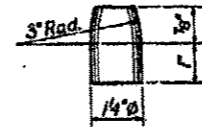
ELEVATION



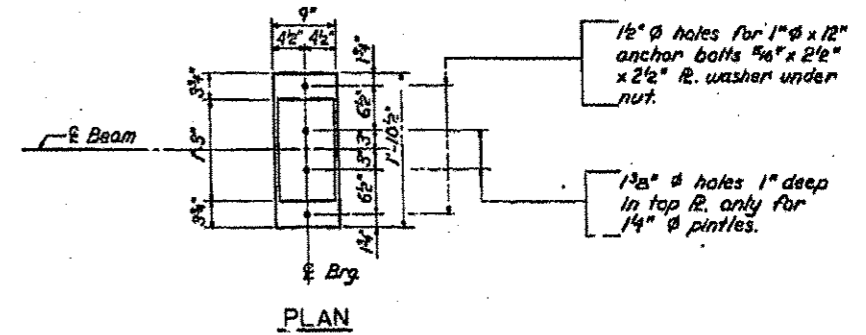
PLAN



BOLSTER



PINTLE DETAIL



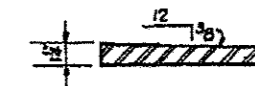
PLAN

BEARING DETAILS AT S. ABUTMENT

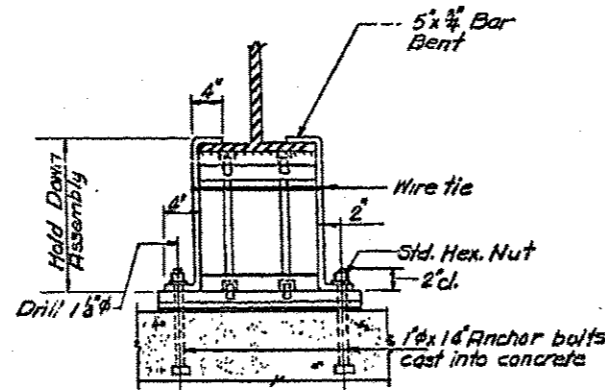
$\delta = 1/8$ per 100 of exp. for every 15' below the normal temperature of 50° F.

$\delta = 1/8$ per 100 of exp. for every 15' above the normal temperature of 50° F.

BEARING DETAILS AT N. ABUTMENT

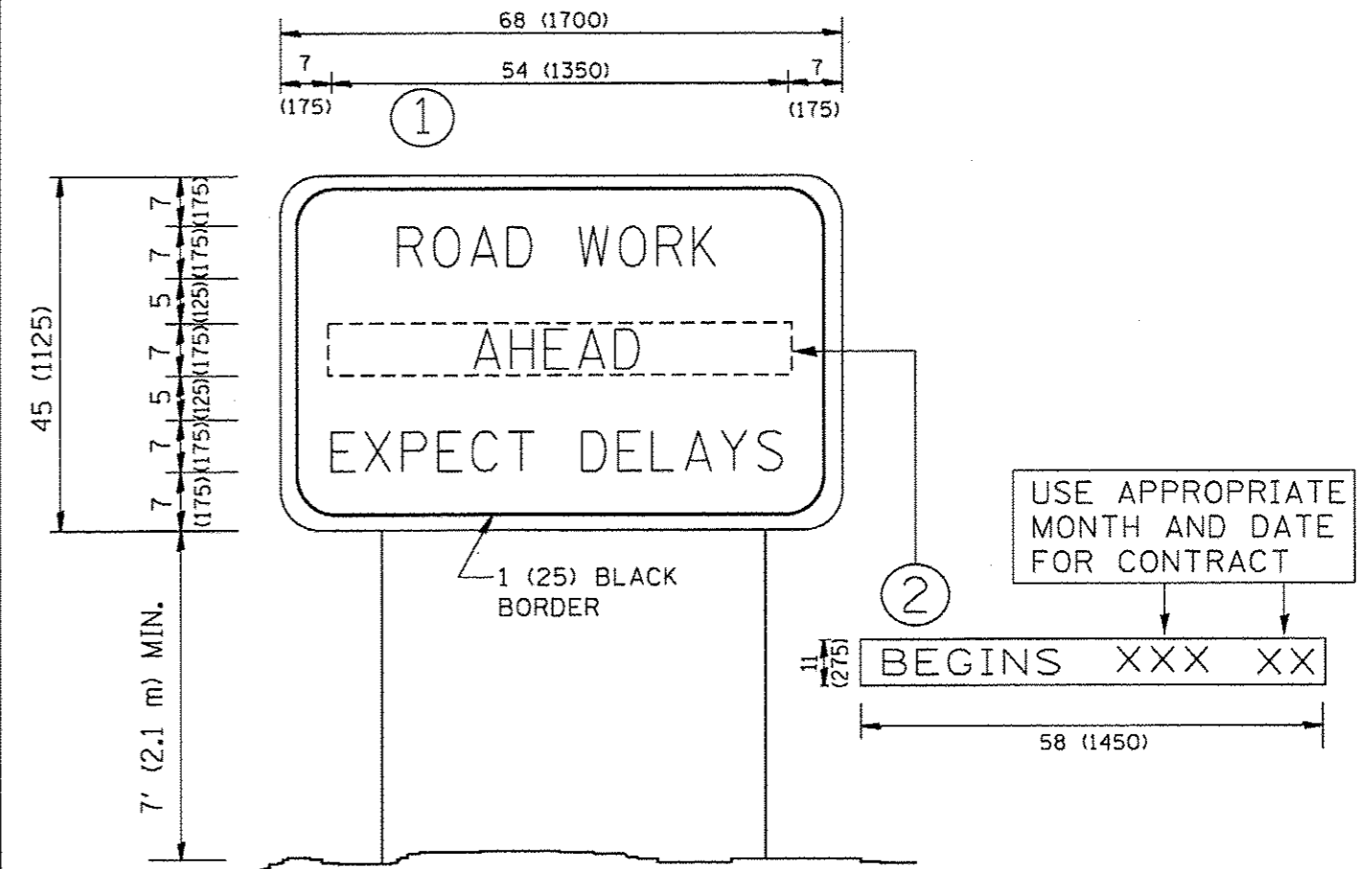


TOP BEARING PLATE DETAIL



BEAM HOLD DOWN DETAIL

FILE NAME *	USER NAME * rachenbachr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BEARING DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\achenbachr1\080313773	C:\080313-ehc\plan.dgn	DRAWN -	REVISED -		SN 016-2467: US 12/2045 OVER DES PLAINES RIVER & SANTA FE DR	330	2012-054 BP	COOK	75	71	
#MODELNAME	PLOT SCALE = 1/8" = 1'-0" / in.	CHECKED -	REVISED -		SCALE:	SHEET 28	OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 60V56	
	PLOT DATE = 9/28/2012	DATE -	REVISED -							(ILLINOIS) FED. AID PROJECT	



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME *	USER NAME * #dwardj	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\pvidot\edwardj\08013773\01800113-sht-plan.dgn		DRAWN -	REVISED - R. MIRS 12-11-97		330	2012-054 BP	COOK	75	75			
		CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE			TC-22		CONTRACT NO.		
		DATE -	REVISED - C. JUCIUS 01-31-07		SHEET NO. 2 OF 2 SHEETS			STA. TO STA.		FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT		