

- 2 & 3 SUMMARY OF QUANTITIES
- 4. COMMITMENTS AND GENERAL NOTES
- 5 - 22 PLAN SHEETS

HIGHWAY STANDARDS

- 701101-04
- 701006-05
- 701106-02
- 701400-08
- 701406-09
- 701428
- 701901-04

AADT

- S.N. 072-0032, 13,800 TRUCKS 4100
- S.N. 072-0069, 16,800 TRUCKS 4025
- S.N. 072-0070, 22,500 TRUCKS 4900
- S.N. 072-0071, SAME AS ABOVE
- S.N. 048-0053, 13,800 TRUCKS 4100
- S.N. 048-0058, 17,300 TRUCKS 4025
- S.N. 048-0060, 13,100 TRUCKS 4700
- S.N. 048-0062 SAME AS ABOVE

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

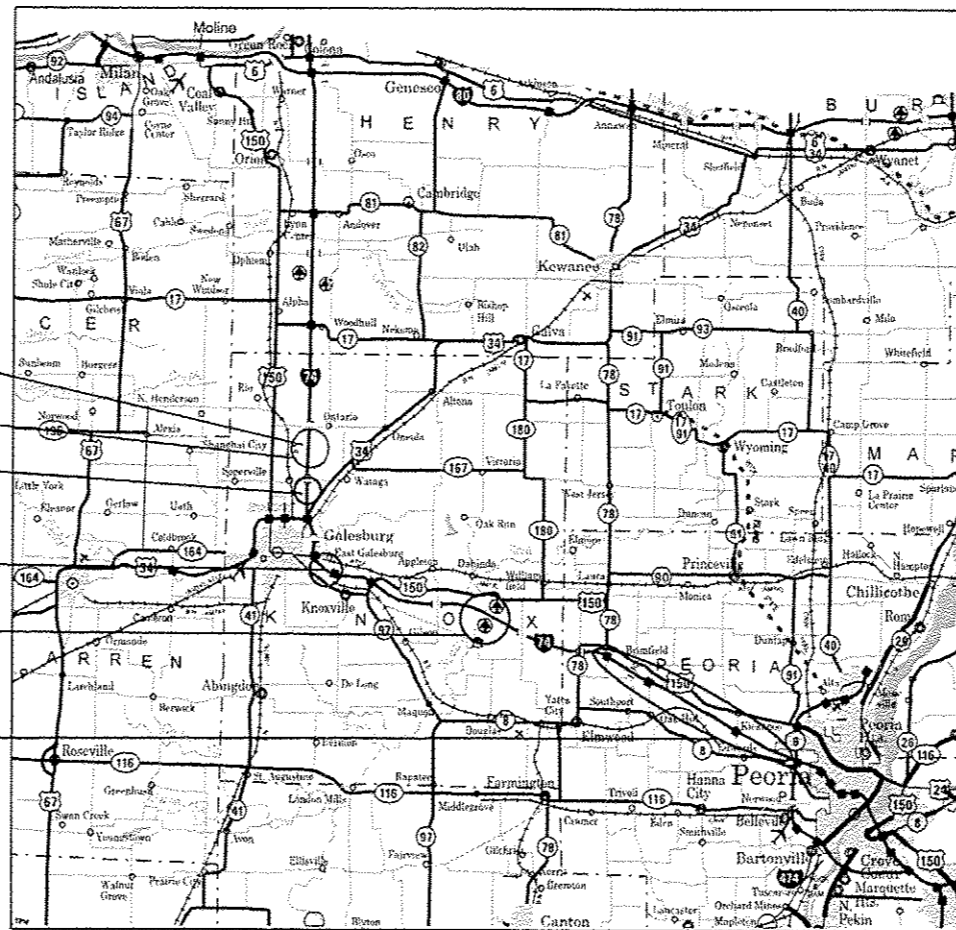
PROJECT ENGINEER NICK JACK (309) 671-3451
PROJECT MANAGER TOM INGLIS (309)671-3450
CATALOG NO. 035196-00D
CONTRACT NO. 68C29

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

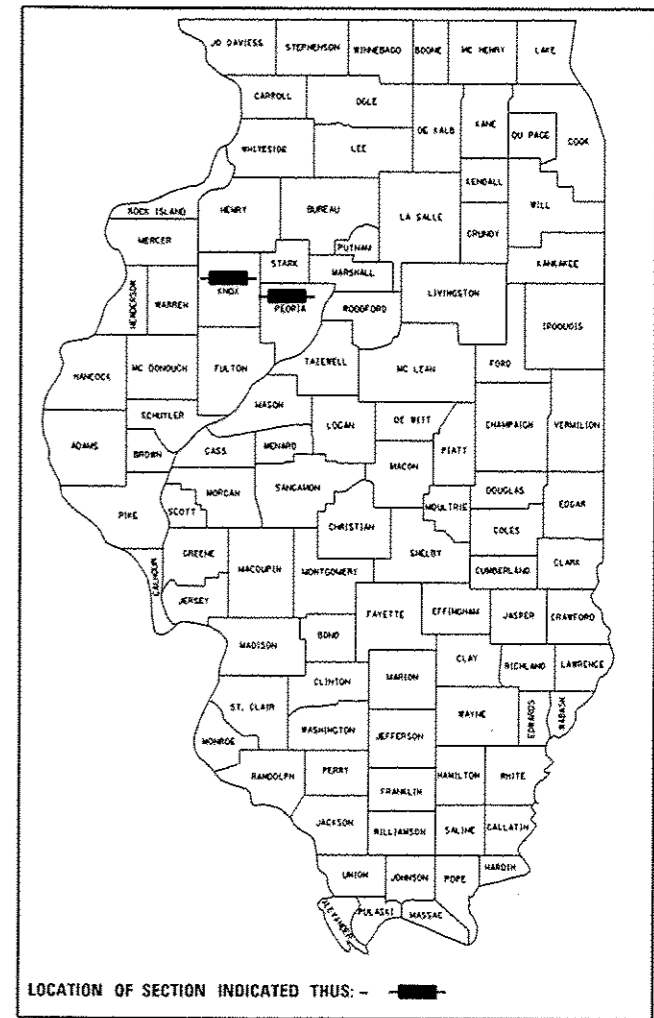
VARIOUS ROUTES
SECTION D4 BRIDGE METALIZING 2015
PROJECT N/A
TYPE of IMPROVEMENT METALIZING BEAM ENDS
PEORIA AND KNOX COUNTIES

C-94-012-15

- location 9 S.N. 048-0062
- location 8 S.N. 048-0060
- location 7 S.N. 048-0059
- location 6 S.N. 048-0058
- location 5 S.N. 048-0053
- location 1 S.N. 072-0071
- location 2 S.N. 072-0070
- location 3 S.N. 072-0069
- location 4 S.N. 072-0032



D-94-010-15



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb 4 2015
Kenneth A. Garnett
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Mar 20 2015
John D. Baranowski PE
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 20 2015
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				PEORIA	KNOX
				100% STATE	100% STATE
				0014	0014
				RURAL	RURAL
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
X0325381	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 1	L SUM	1	1	
X0325382	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 2	L SUM	1	1	
X0325383	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 3	L SUM	1	1	
X0325384	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 4	L SUM	1	1	
X0325385	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 5	L SUM	1		1
X0327378	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 6	L SUM	1		1
X0327542	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 7	L SUM	1		1
X0327730	FIELD THERMAL SPRAYING (METALLIZING) STRUCTURAL STEEL NO. 8	L SUM	1		1
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1	
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1	1	
Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 3	L SUM	1	1	
Z0007104	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 4	L SUM	1	1	

FILE NAME = 68C29 2015 Metalizing.dgn	USER NAME = kethbr	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE METALLIZING 2015	PEORIA/KNOX	22	2
			CONTRACT NO. 68C29	
ILLINOIS FED. AID PROJECT				

COMMITMENTS

No commitments have been made for this project.

GENERAL NOTES

All Metalizing shall be as specified in the Special Provisions for "Field Thermal Spraying Metalizing" All Beams, Brackets and all other structural steel shall be cleaned per Near White Blast Cleaning SSPC-SP10 according to the following schedule:

Bridge Locations 1-9. All Beams, Brackets and all other structural steel within 5 feet (as measured along the centerline of bearing) either side of the deck expansion joints.

Cleaning and Painting shall be as specified in the Special Provisions for "Cleaning and Painting Existing Structural Steel". All beams, brackets and all other structural steel shall be cleaned per Near White Blast Cleaning SSPC-SP10 according to the following schedule:

Bridge Location 6 S.N. 048-0058

The gap of 37+/-, 5 feet after the expansion joint and between the 5 feet of the hinge in spans 1 and 4 shall be painted with Paint system 1 - OZ/E/U.

This work shall be included in the cost of FIELD THERMAL SPRAYING (METALIZING) STRUCTURAL STEEL NO. 6. The containment and disposal of lead Paint cleaning residues shall be paid for under CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 6.

Bridge Locations 1 -9. All fascia beams shall be Painted Blue (Munsell No.10B 3/6)

All underside shall be Painted Light Grey(Munsell No. 5B 7/1)

All Top Coat and Sealer shall be from the approved list from table (1) of the Special Provisions.

AIR MONITORS - None for this Project.

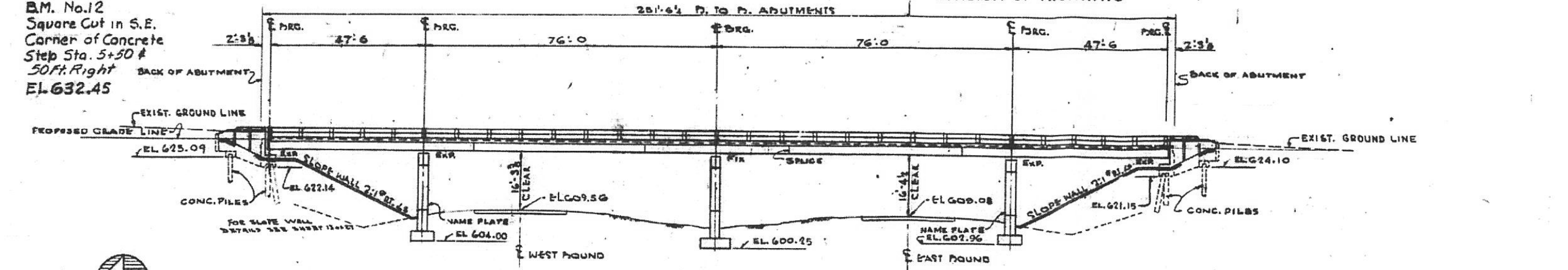
QP1 & QP 2 required for this Project.

FILE NAME : 68C29 2015 Metalizing (3).dgn	USER NAME : kai.ubr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS AND GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE : 100.0000 / 1"	DRAWN -	REVISED -			VAR	04 BRIDGE METALIZING 2015	PEO / KNOX	22	4	
	PLOT DATE : 3/19/2015	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

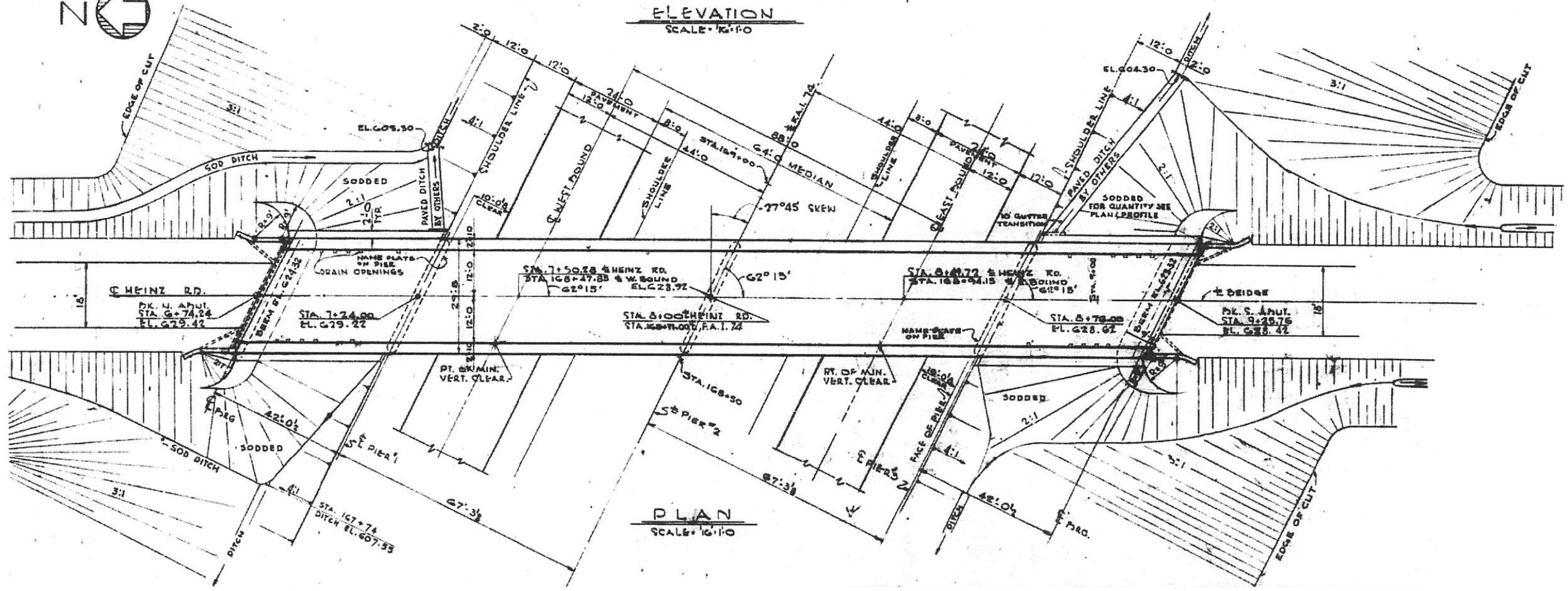
LOCATION 1 S.N. 072-0071

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

B.M. No. 12
Square Cut in S.E.
Corner of Concrete
Step Sta. 5+50 #
50 Ft. Right
EL. 632.45



ELEVATION
SCALE = 1/4" = 1'-0"



PLAN
SCALE = 1/4" = 1'-0"

FILE NAME = 68C29 2015 Metalizing.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 2/5/2015	CHECKED -	REVISED -
		DATE -	REVISED -

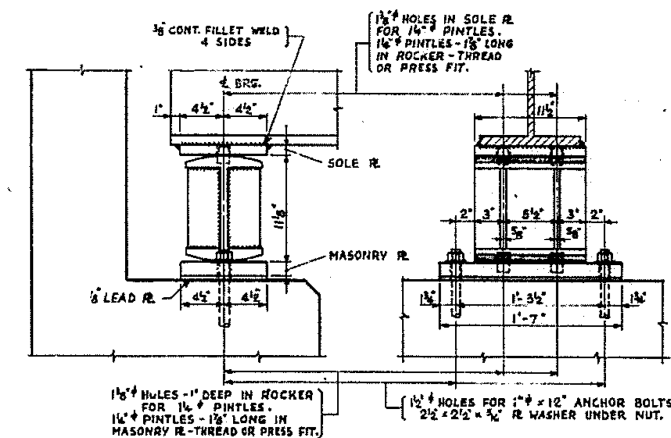
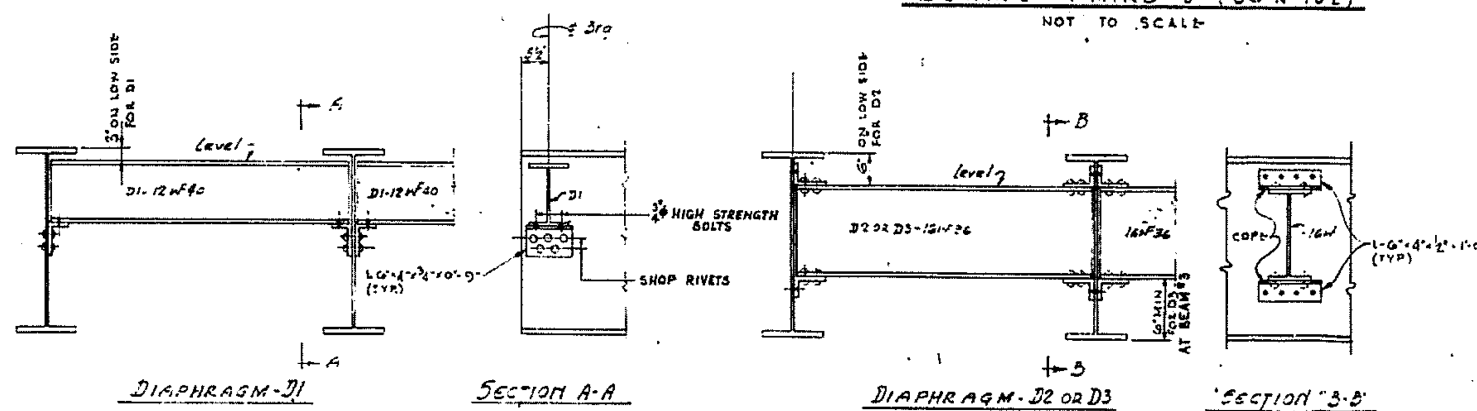
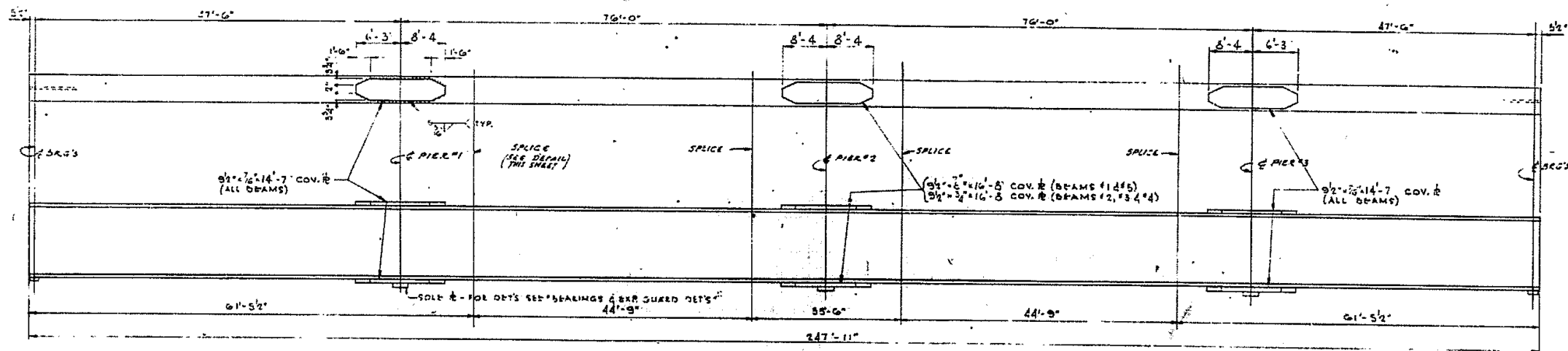
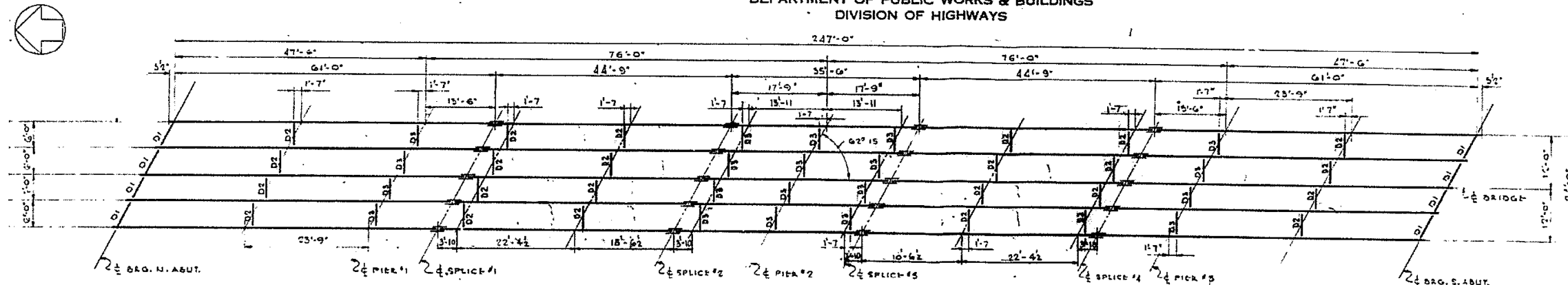
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04	BRIDGE METALIZING 2015	PEO / KNOX	22	5
			68C29	
ILLINOIS FED. AID PROJECT				

LOCATION 1 S.N. 072-0071

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



DESIGNED A. MILUNAS	EXAMINED
CHECKED E.H. MAYO	ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN W.J. PAWLIKOWSKI	PASSED
CHECKED A. MILUNAS	APPROVED
	ENGINEER OF DESIGN
	CHIEF HIGHWAY ENGINEER

FILE NAME = 68C29 2015 Metalizing.dgn
Default

USER NAME = keathbr
PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/5/2015

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

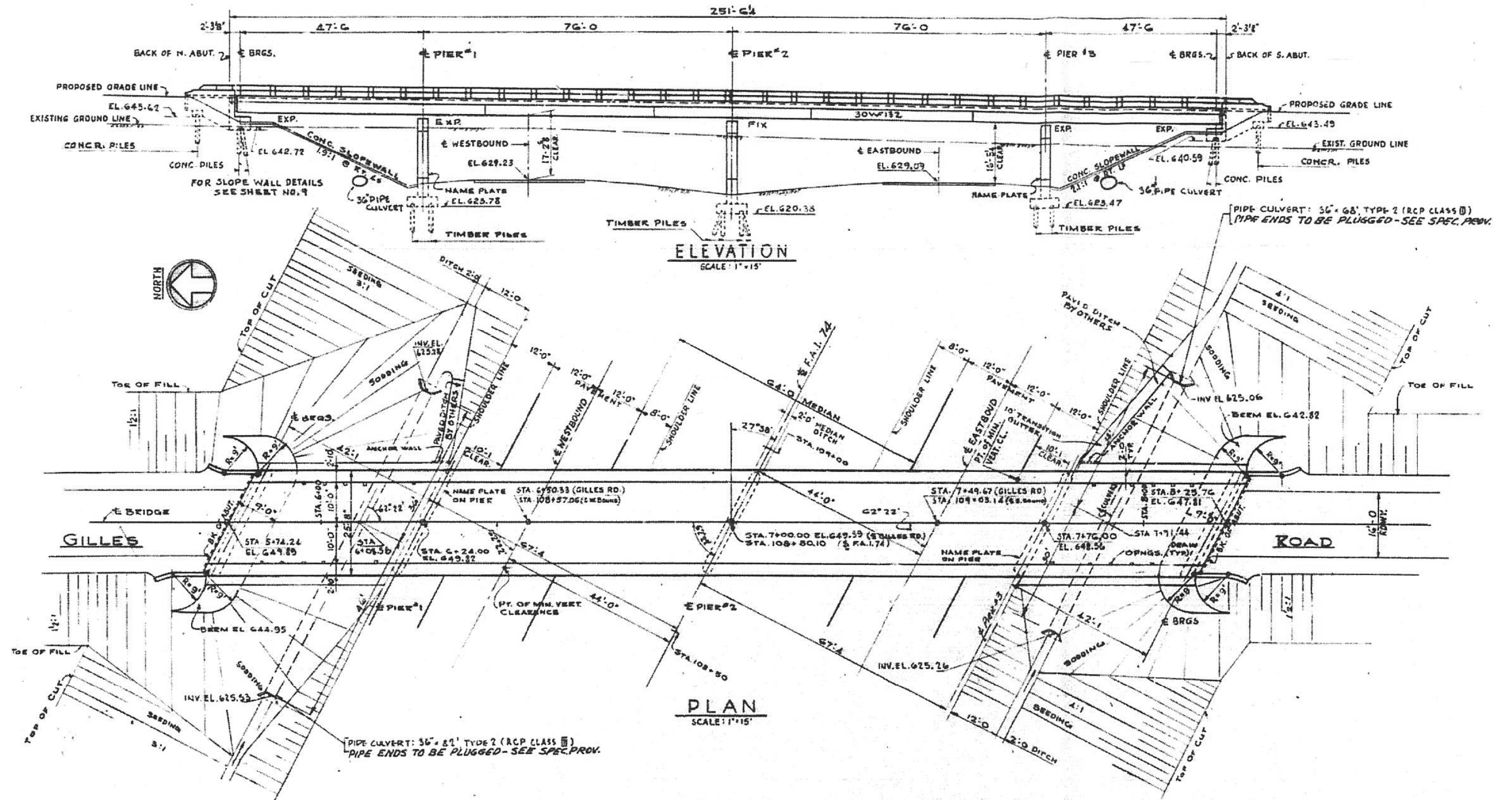
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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LOCATION 1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR D4 BRIDGE METALIZING 2015 PEO / KNOX			22	6
ILLINOIS FED. AID PROJECT				

68C29

LOCATION 2 S.N. 072-0070



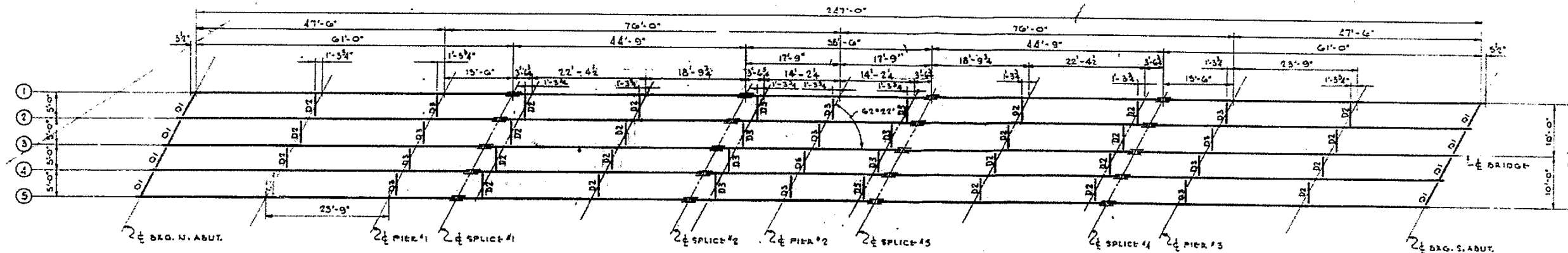
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

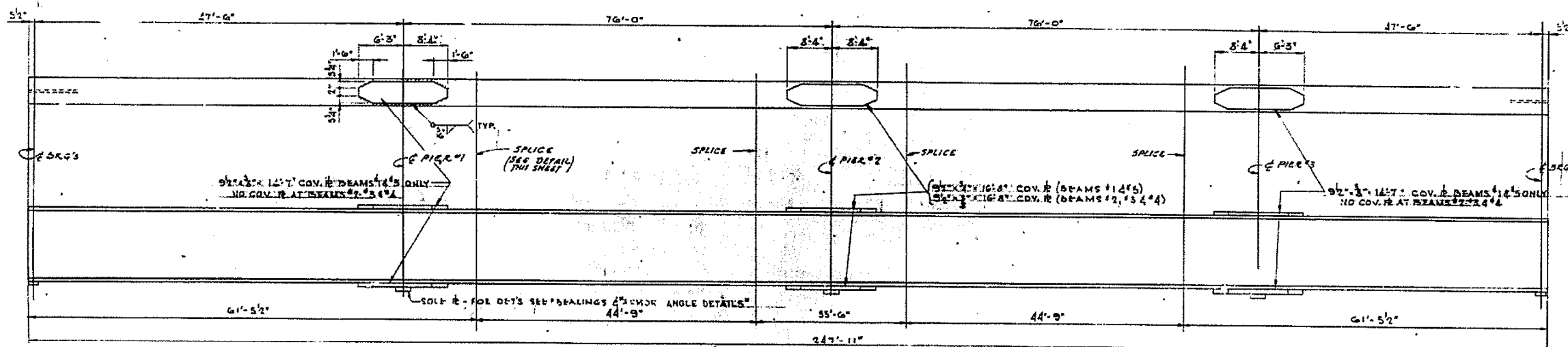
LOCATION 2			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04	BRIDGE METALIZING	PEO / KNOX	22	7
			68C29	
ILLINOIS FED. AID PROJECT				

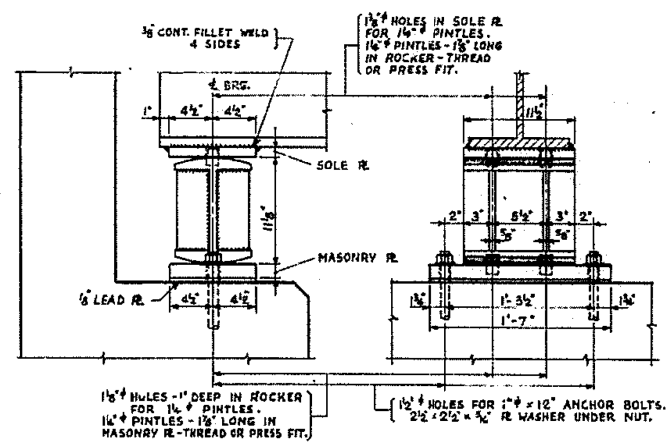
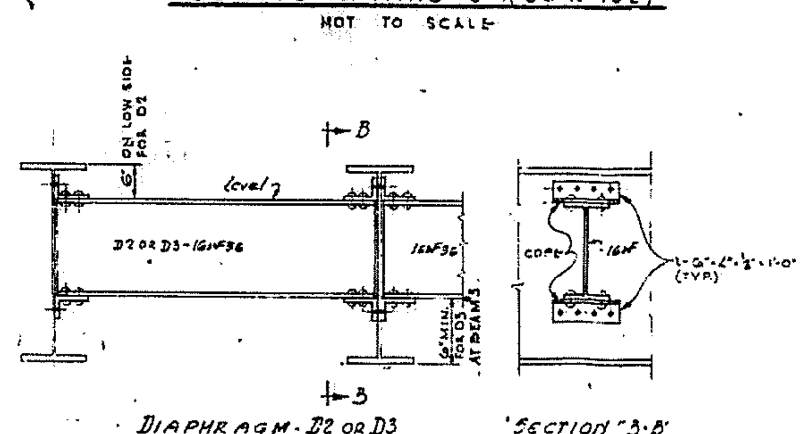
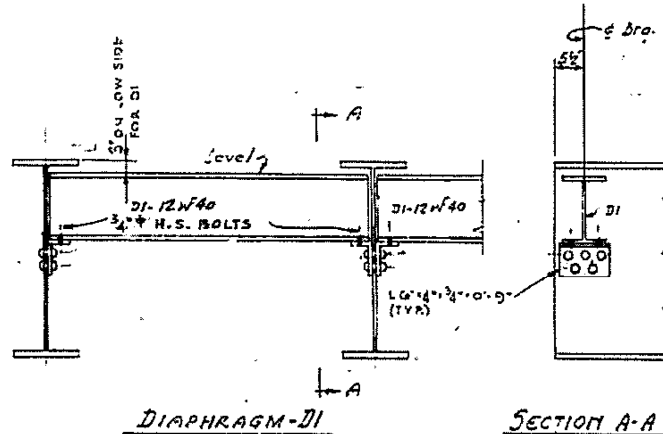
LOCATION 2 S.N. 072-0070



FRAMING PLAN
SCALE: 3/16" = 1'-0"

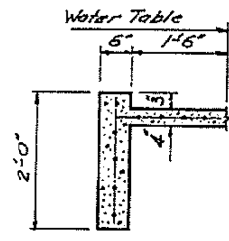
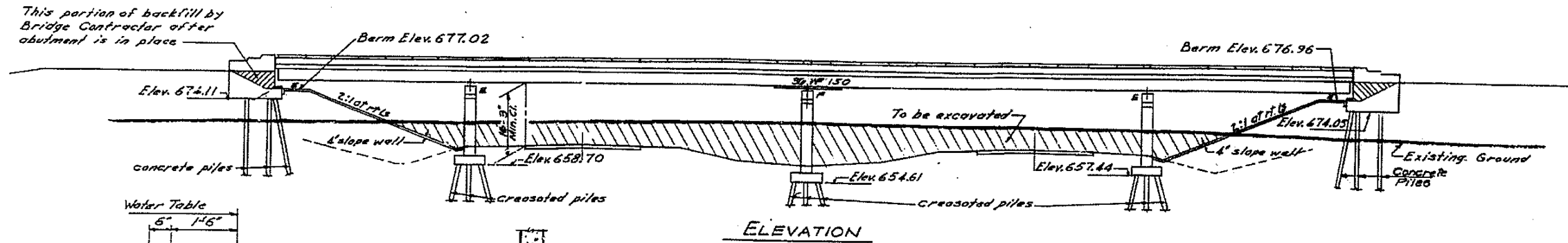


DEAMS #1 THRU #5 (30 WF 132)
NOT TO SCALE

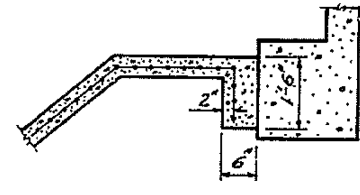


FILE NAME = 68C29 2015 Metalizing.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 2/5/2015	CHECKED -	REVISED -										
		DATE -	REVISED -										

LOCATION 3 S.N. 072-0069



SEC. A-A

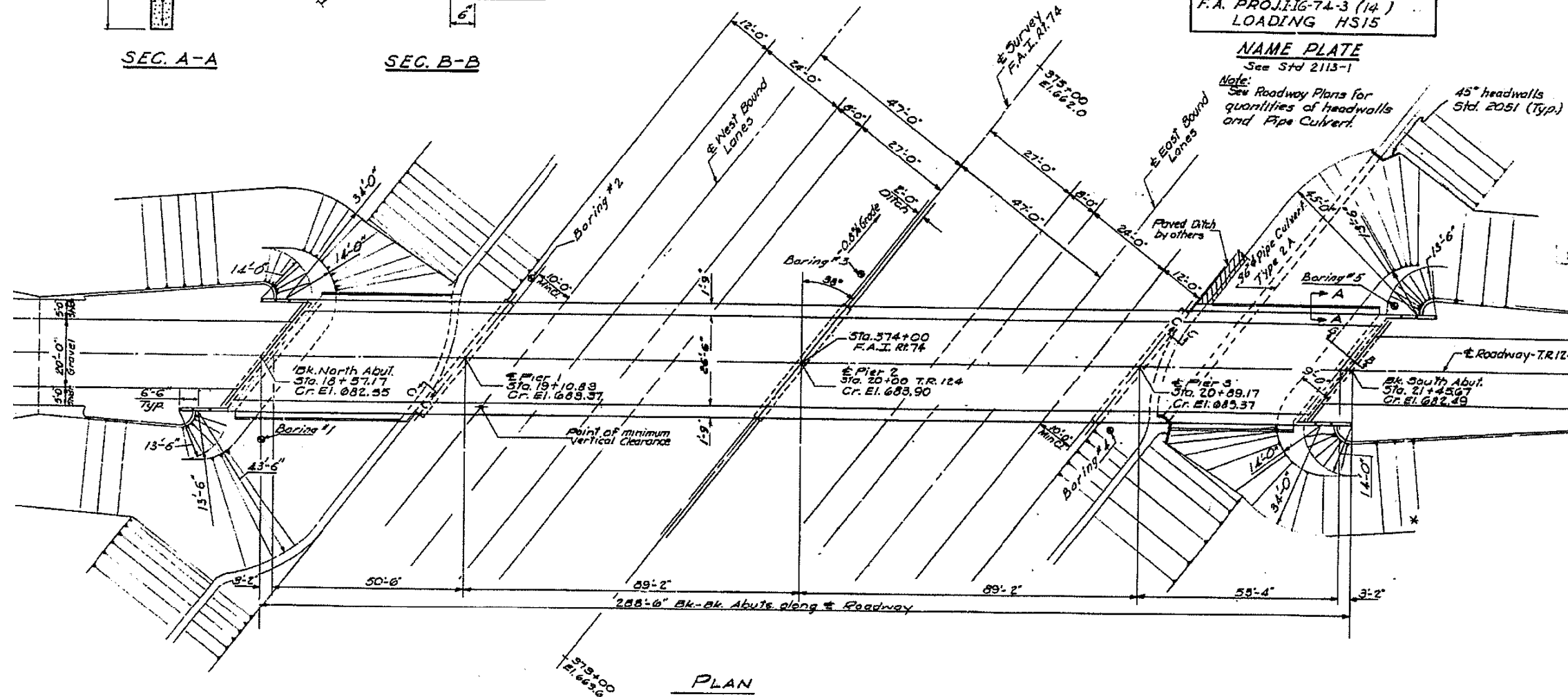


SEC. B-B

STA. 374+00
 BUILT 196 BY
 STATE OF ILLINOIS
 F.A.I. RT. 74 SEC. 72-4B-1
 F.A. PROJ. 16-74-3 (14)
 LOADING HS15

NAME PLATE
 See Std 2113-1

Note:
 See Roadway Plans for
 quantities of headwalls
 and Pipe Culvert.



PLAN

FILE NAME = 68C29 2015 Metalizing.dgn
 Default

USER NAME = keathbr
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 2/5/2015

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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 REVISED -

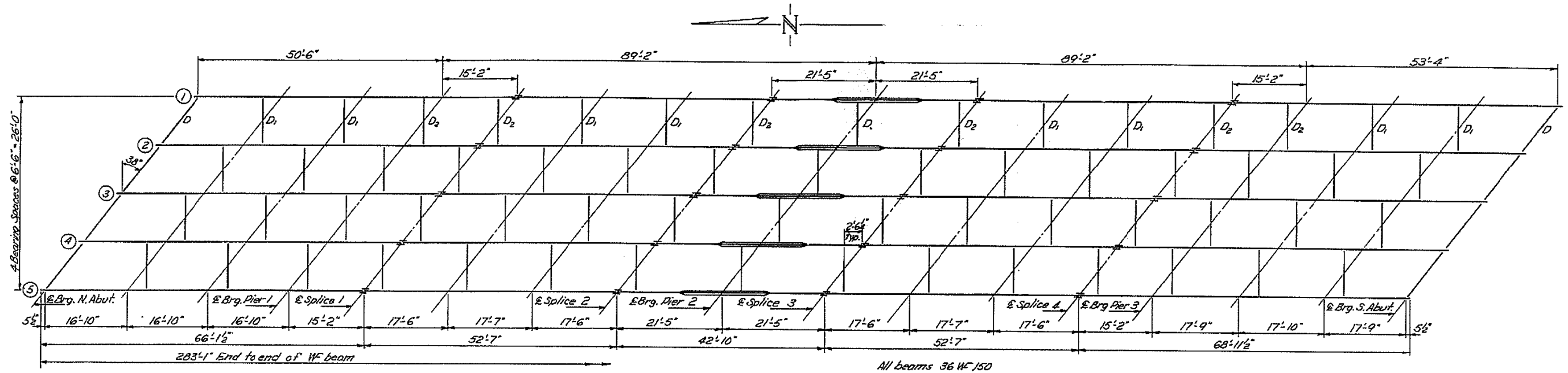
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 3

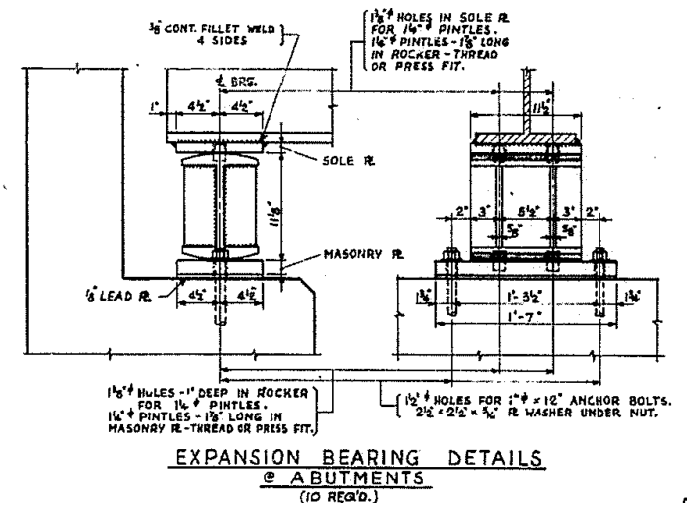
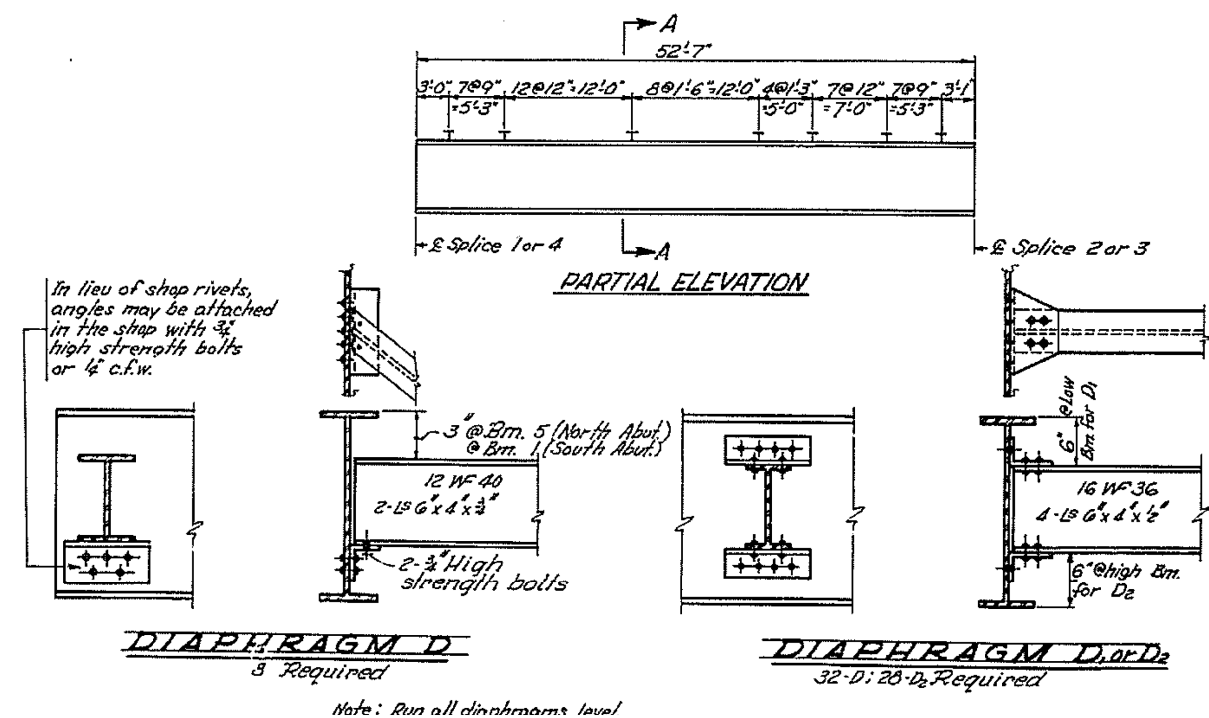
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04	BRIDGE METALIZING 2015 PEO / KNOX	PEO / KNOX	22	9
				68C29
ILLINOIS FED. AID PROJECT				

LOCATION 3 S.N. 072-0069



PLAN

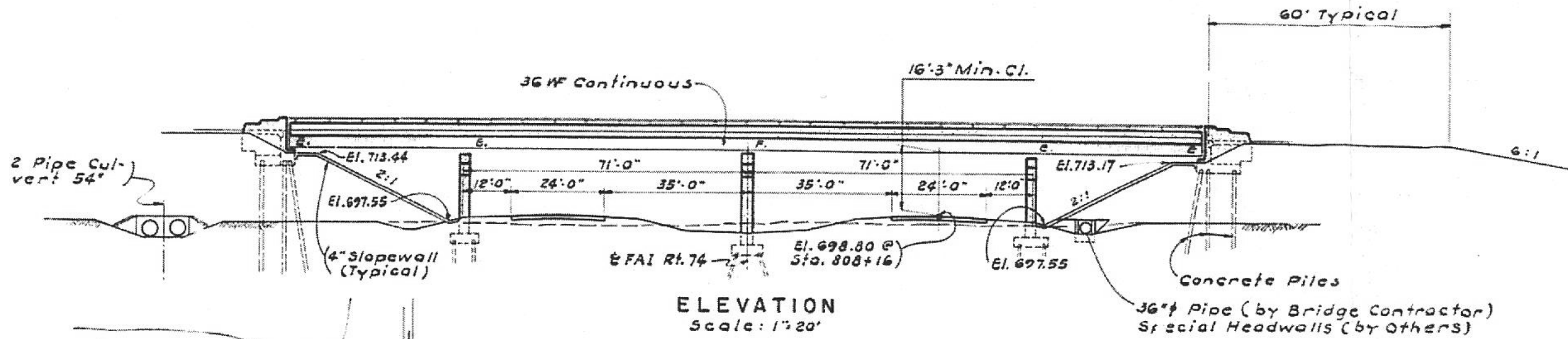


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		CHECKED -	REVISED -
		DATE -	REVISED -

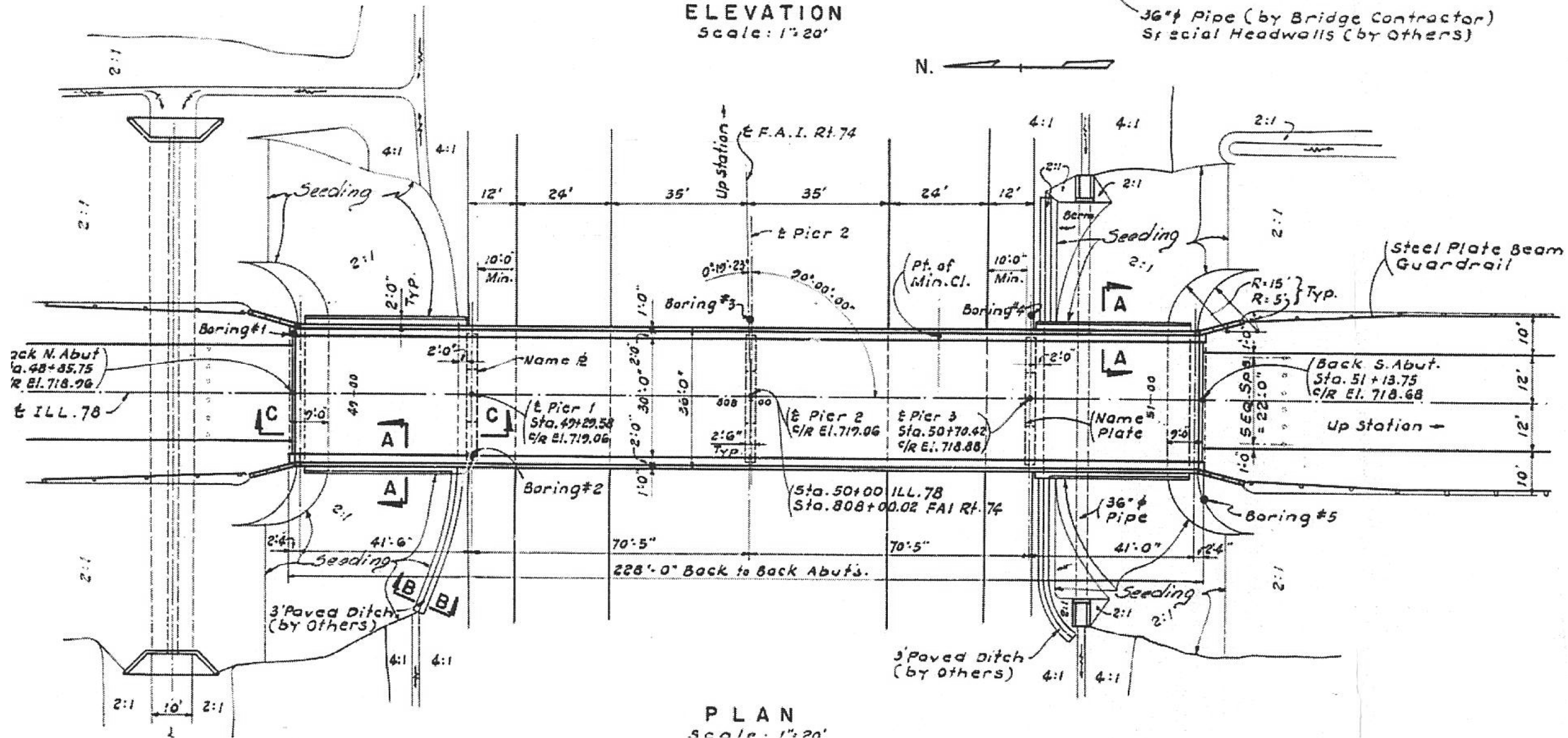
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 3		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VAR D4	BRIDGE METALIZING 2015	PEO / KNOX	22	10
SCALE:		SHEET OF SHEETS		STA. TO STA.	ILLINOIS FED. AID PROJECT	

LOCATION 4 S.N. 072-0032



ELEVATION
Scale: 1"=20'



PLAN
Scale: 1"=20'

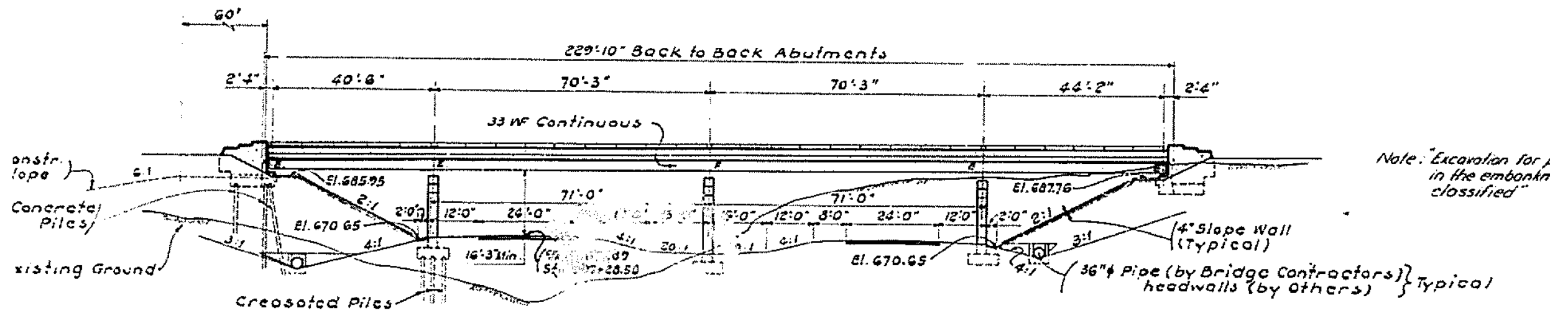
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

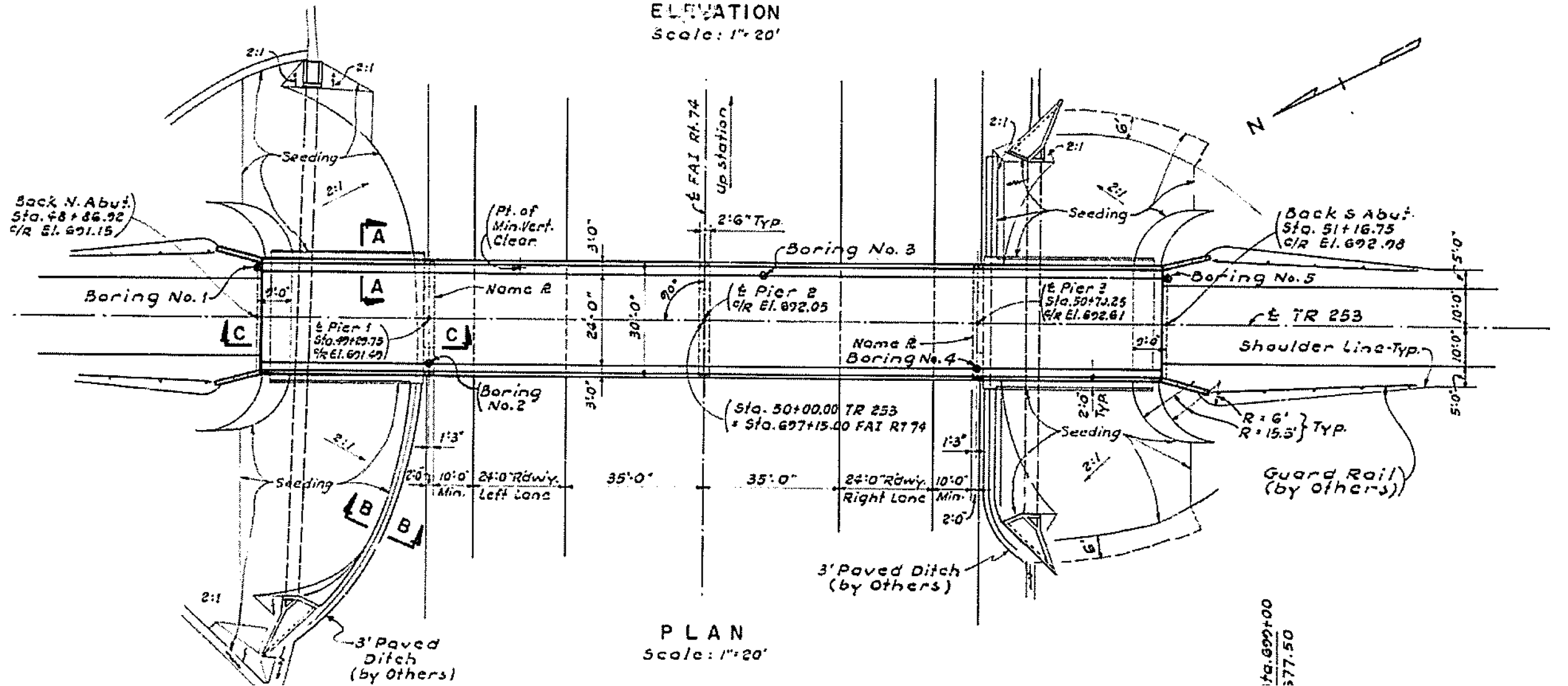
LOCATION 4			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04	BRIDGE METALIZING 2015 PEO / KNOX	PEO / KNOX	22	11
				68C29
ILLINOIS FED. AID PROJECT				

LOCATION 5 S.N. 048-0053



ELEVATION
Scale: 1" = 20'



PLAN
Scale: 1" = 20'

FILE NAME = 68C29 2015 Metalizing.dgn
Default

USER NAME = keathbr
PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/5/2015

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

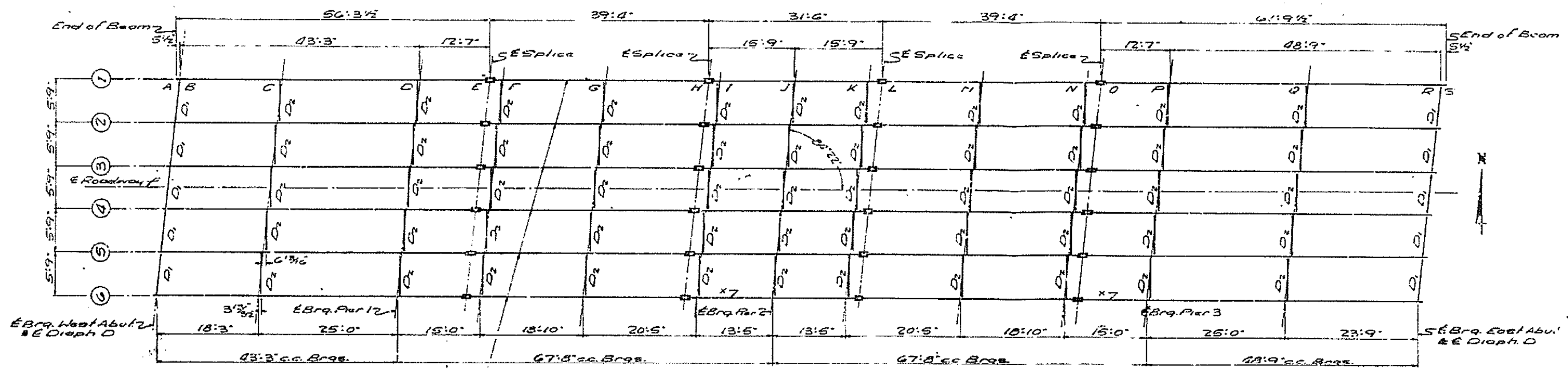
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 5

SCALE: SHEET OF SHEETS STA. TO STA.

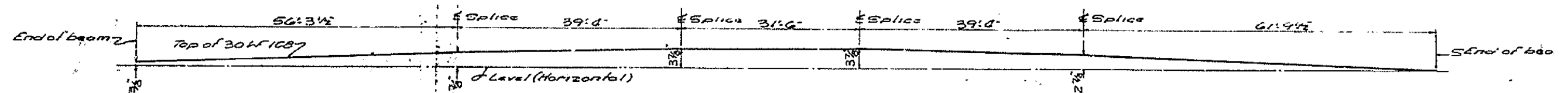
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04	BRIDGE METALIZING	PEO / KNOX	22	13
				68C29
ILLINOIS FED. AID PROJECT				

LOCATION 7 S.N. 048-0059



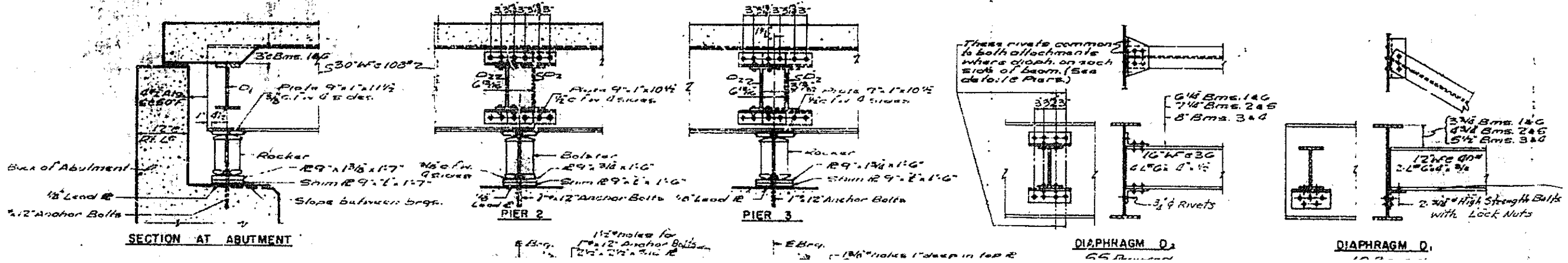
FRAMING PLAN
(No Scales)

Note: Cover plates over Pier 2 & 3 only
(No cover plates over Pier 1)



BEAM PROFILE

Typical for all beams. See Table for elevations



SECTION AT ABUTMENT

PIER 2

PIER 3

DIAPHRAGM D₁

DIAPHRAGM D₂

FILE NAME = 68C29 2015 Metalizing.dgn
Default

USER NAME = keathbr
DRAWN -
PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/5/2015

DESIGNED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

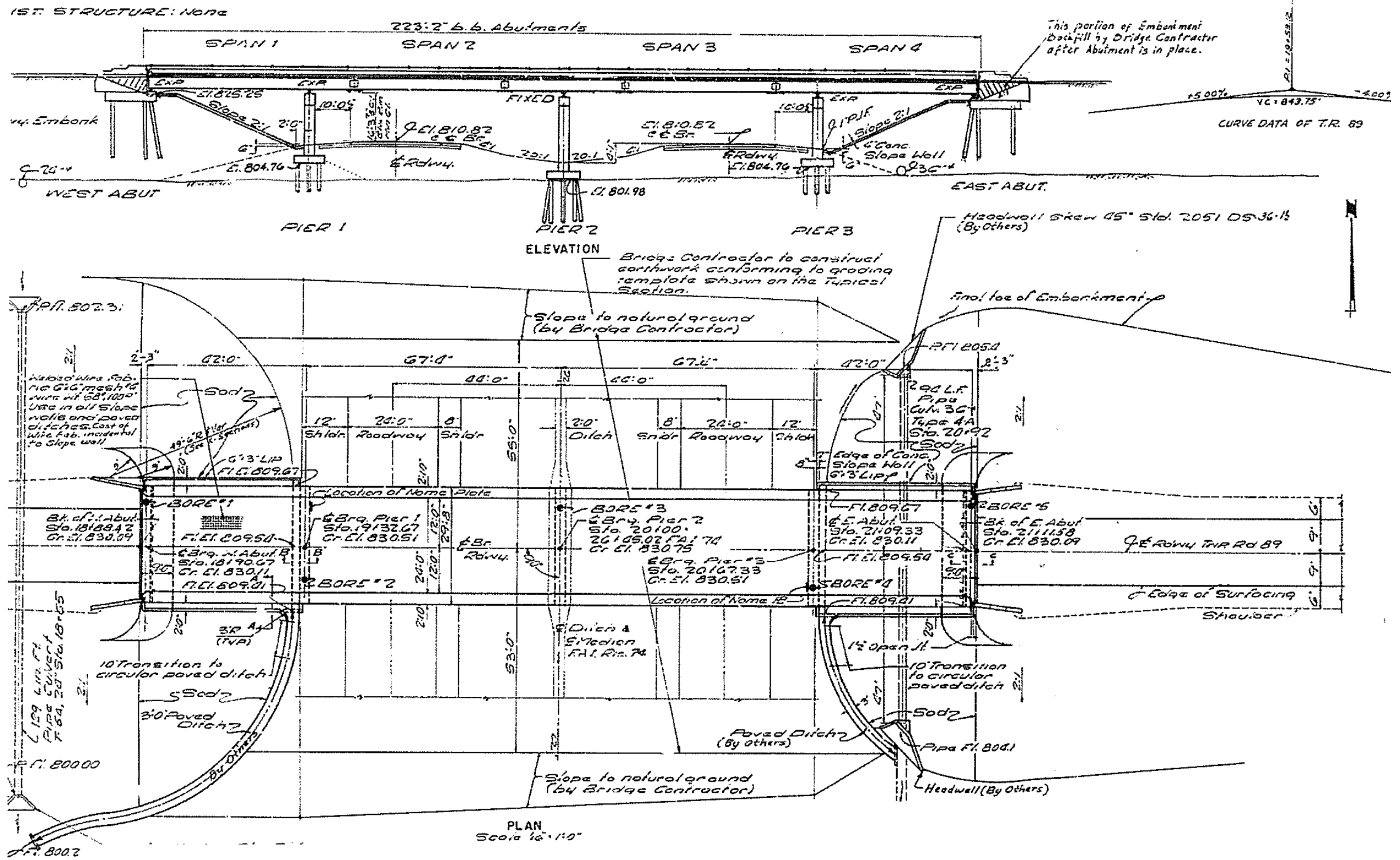
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 7

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 04	BRIDGE METALIZING 2015	PEO / KNOX	22	18
			68C29	
ILLINOIS FED. AID PROJECT				

LOCATION 9 S.N. 048-0062



FILE NAME = 68C29 2015 Metalizing.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 9			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	22	21
	PLOT DATE = 2/5/2015	CHECKED -	REVISED -										
		DATE -	REVISED -										

VAR 04 BRIDGE METALIZING 2015 PEO / KNOX	ILLINOIS FED. AID PROJECT
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