

105

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2	ILLINOIS	28	1

ALEXANDER/JOHNSON

D-99-069-18



PROPOSED HIGHWAY PLANS

FAI-57/FAI-24 (I-57/24)
SECTION D9 BRIDGE PAINT 2019-2
PROJECT STP-MMRE(218)
ALEXANDER /JOHNSON COUNTY

C-99-103-18

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

BRIDGE NO. 1
SN, 002-0023
I-57 NB 2017 ADT=6150, 50% TRUCKS
TOWNSHIP-CO UNIT ROAD DIST
POSTED SPEED: 70 MPH I-57
POSTED SPEED: 50 MPH IL 3

BRIDGE NO. 2
SN, 002-0024
I-57 SB 2017 ADT=6150, 50% TRUCKS
TOWNSHIP-CO UNIT ROAD DIST
POSTED SPEED: 70 MPH I-57
POSTED SPEED: 50 MPH IL 3

BRIDGE NO. 3
SN, 044-0035
FAS 927 TUNNEL HILL 2016 ADT=1450, 6% TRUCKS
TOWNSHIP-CO UNIT ROAD DIST
POSTED SPEED: 70 MPH I-24

BRIDGE NO. 3
STRUCTURE NO. 044-0035
OVER I-24



BRIDGE NO. 1
STRUCTURE NO. 002-0023
OVER IL 3/US 51, SBI 150A, CNIC RR

BRIDGE NO. 2
STRUCTURE NO. 002-0024
OVER IL 3/US 51, SBI 150A, CNIC RR

DESIGN DESIGNATION : NA
COORDINATE SYSTEM : NA

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

PROJECT ENGINEER: DAVID PICHE
PROJECT DESIGNER: DAVID WILSON

CONTRACT NO. 78678

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10-13-2019
[Signature]
REGION FIVE ENGINEER

Dec 6 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

MDPR: The user
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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Hill
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Con M
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kevin Kelly
DISTRICT OPERATIONS ENGINEER

Examined By: KTD
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Muffin
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

• ALEXANDER/JOHNSON

USER NAME = WILSONDA	DESIGNED - DW	REVISED - _____
DRAWN - DW	CHECKED - MS	REVISED - _____
PLOT SCALE = 100 0000' / in.	DATE - 07/24/18	REVISED - _____
PLOT DATE = 10/1/2019		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: _____ SHEET _____ OF _____ SHEETS STA _____ TO STA _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	2
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

THE EXISTING STEEL COATINGS CONTAIN LEAD. THE CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

THE CONTRACTOR IS REQUIRED TO BE SSPC OP1 AND SSPC OP2 CERTIFIED.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

FOR STRUCTURES 002-0023 AND 002-0024, CLEANING AND PAINTING OF EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" AND "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES." ALL BEAM ENDS AND ALL STRUCTURAL STEEL IN SPANS DETAILED ON SEET 5 OF 28 SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SP10. ALL STEEL 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 SURFACES AND BOTTOM OF THE FLANGE OF THE FASCIA BEAMS SHALL BE INTERSTATE GREEN, MUNSELL NO.7.5G 4/8.

FOR STRUCTURE 044-0035, CLEANING AND PAINTING OF EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" AND "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES." ALL STRUCTURAL STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SP10. ALL STEEL 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 SURFACES AND BOTTOM OF THE FLANGE OF THE FASCIA BEAMS SHALL BE INTERSTATE GREEN, MUNSELL NO.7.5G 4/8.

A TOTAL OF SIX AIR MONITORS ARE REQUIRED TO MONITOR ABRASIVE BLASTING OPERATIONS AT THREE LOCATIONS, 2 AT BRIDGE NO. 1 (SN 002-0023), 2 AT BRIDGE NO. 2 (002-0024), AND 2 AT BRIDGE NO. 3 (044-0035).

REVISE STANDARD SPECIFICATIONS ARTICLE 107.12, PARAGRAPH 5, LAST SENTENCE TO READ: 'ALL OTHER RAILROAD FLAGGER COSTS WILL BE INCURRED BY THE DEPARTMENT ACCORDING TO ARTICLE 109.05.'

A CONTRACTOR'S RIGHT-OF-ENTRY PERMIT IS REQUIRED BEFORE ANY WORK CAN COMMENCE ON RAILROAD PROPERTY. THE COST TO OBTAIN THIS PERMIT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

COMMITMENTS: NONE AS OF OCTOBER 18, 2019

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND AREAS OF CLEANING AND PAINTING
4	SUMMARY OF QUANTITIES
5	SN 002-0023/002-0024 PAINT LOCATIONS AND R.R. LOCATION AND R.O.W.
6-25	SN 002-0023/002-0024 STRUCTURE INFORMATION
26-28	SN 044-0035 STRUCTURE INFORMATION

AREAS OF CLEANING & PAINTING

BRIDGE NUMBER	STRUCTURE NUMBER	LEAD PRESENT	10' AT ALL BEAM ENDS	ALL STRUCTURAL STEEL
1	002-0023	YES	*	*
2	002-0024	YES	*	*
3	044-0035	YES		X

* SEE SHEET 5 OF 28 FOR AREAS OF CLEANING AND PAINTING

STANDARDS

701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15'(4.5m) AWAY.
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5m) TO 24"(600mm)FROM PAVEMENT EDGE.
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY.
701101-05	OFF-ROAD OPERATIONS,MULTILANE, 15'(4.5m) TO 24"(600mm)FROM PAVEMENT EDGE.
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY.
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY.
701406-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY.
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH

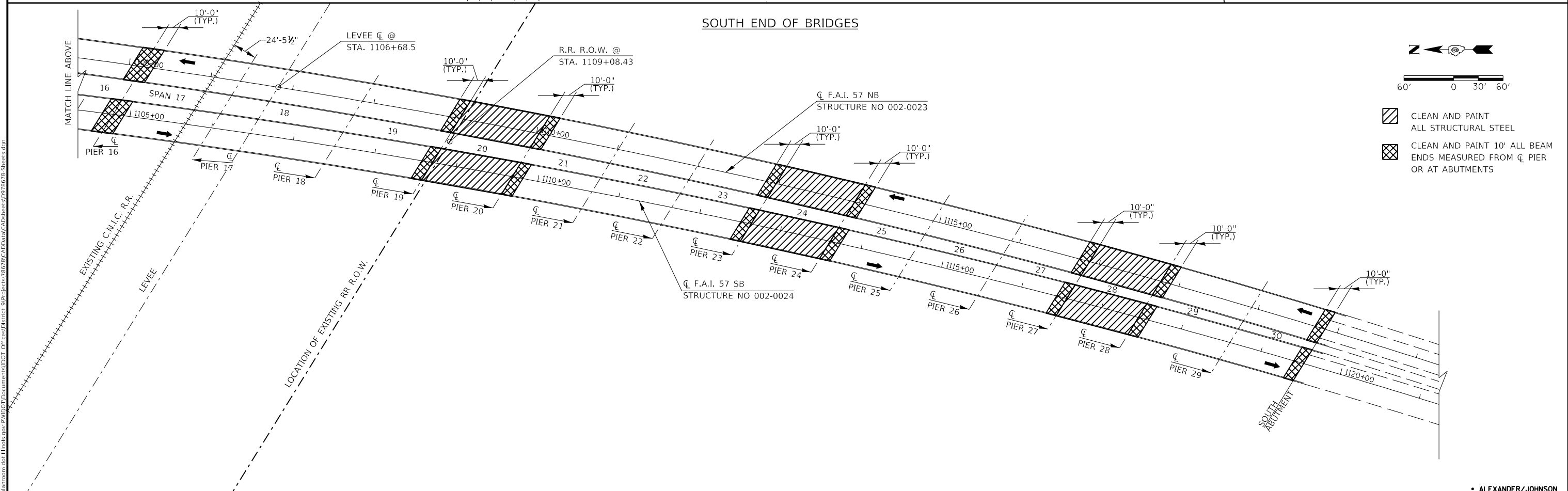
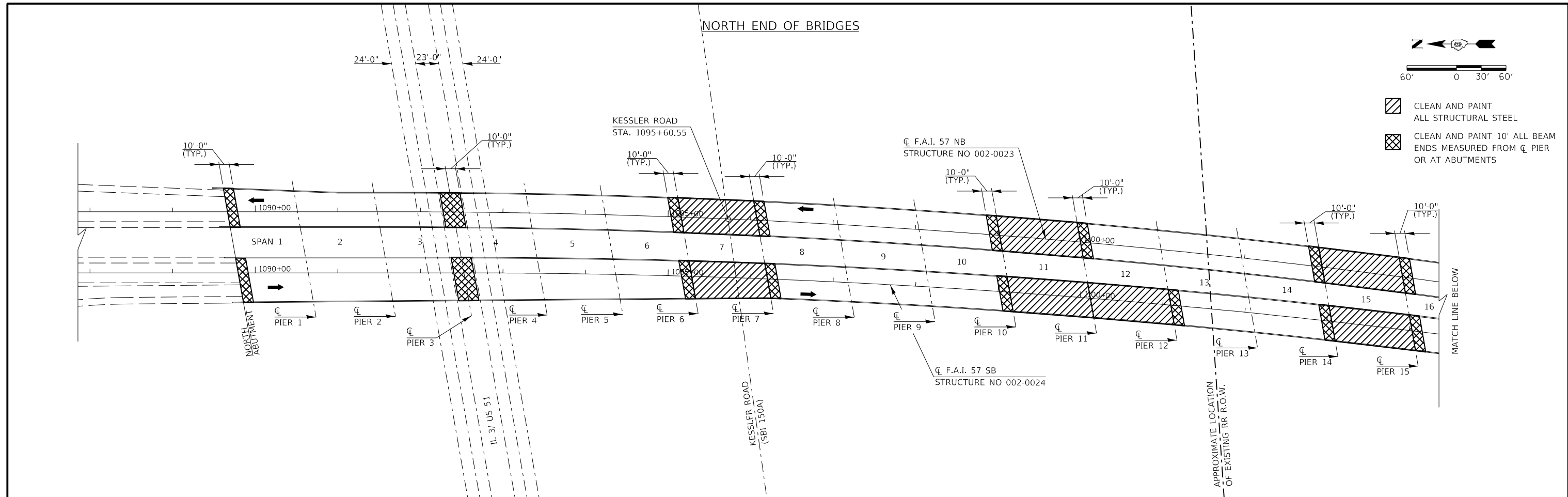
• ALEXANDER/JOHNSON

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2	*	28	3
CONTRACT NO. 78678				
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



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PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 10/1/2019	CHECKED - MS	REVISED -
	DATE - 7/24/18	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

002-0023 / 002-0024 PAINT LOCATIONS AND R.R. LOCATION AND R.O.W.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

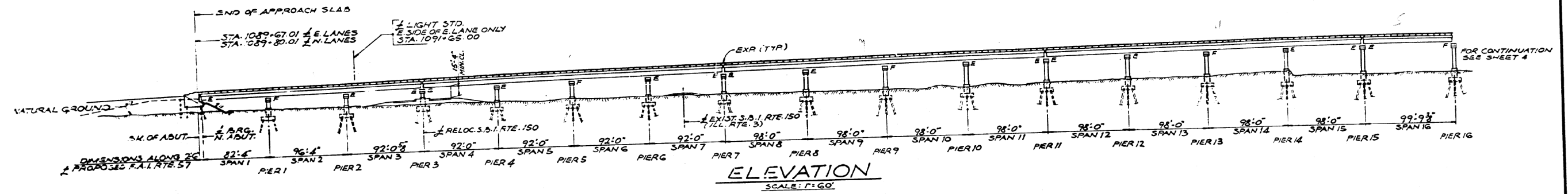
F.A.I. RTE. 57/24	SECTION D9 BRIDGE PAINT 2019-2	COUNTY *	TOTAL SHEETS 28	SHEET NO. 5
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

• ALEXANDER/JOHNSON

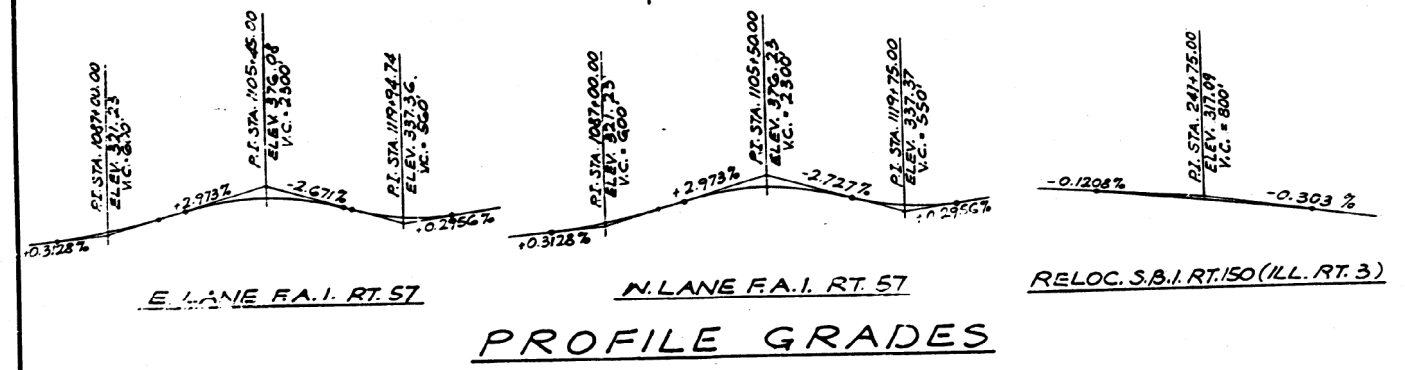
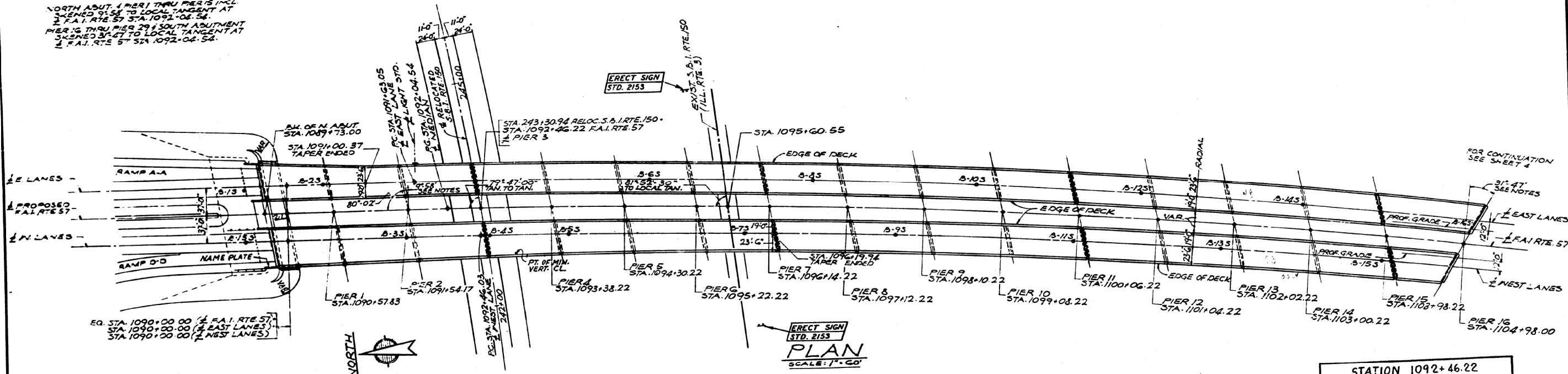
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	3
STA.	TO STA.			
E.P. & REG. NO. 4' 1/2" X 11" 1/2" PROJECT				

FOR INFORMATION ONLY

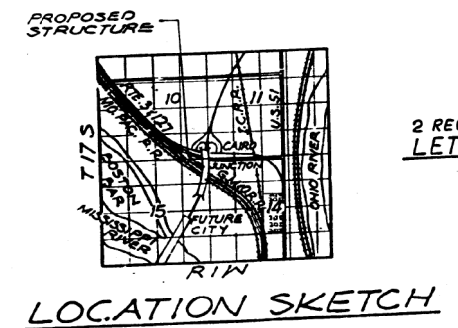
B.M. CONC. MONUMENT WITH BRASS CAP ON TOP OF LEVEE 357' LT. STA. 1108+00 ELEV. 336.91



NOTES FOR SKEN ANGLES OF ADJUSTMENTS AND PIERS
 NORTH ADJ. 1 PIER 1 THRU PIER 5 INCL. SKENED 91.58 TO LOCAL TANGENT AT F.A.I. RTE. 57 STA. 1091+04.54.
 PIER 16 THRU PIER 29 SOUTH ADJUSTMENT SKENED 31.47 TO LOCAL TANGENT AT F.A.I. RTE. 57 STA. 1092+06.54.



DESIGN DATA
 HIGHWAY CLASSIFICATION: D.H.V. 1290, M.P.H. 70, DESIGNATION 8-1 (1988)
 F.A.I. ROUTE 57
 DESIGN LOAD: HS20-44 & ALTERNATE
 L.L. = 25 P.S.F.
 FUTURE D.L. = 25 P.S.F.
 DESIGN STRESSES:
 CONCRETE (CAST-IN-PLACE)
 f_c = 3,500 P.S.I.
 f_t = 1,200 P.S.I. (DECK SLAB)
 f_t = 1,400 P.S.I. (SUBSTRUCTURE, CURB & PARAPET)
 f_t = 1,000 P.S.I. (WITH EARTH PRESSURE)
 v = 75 P.S.I. (FOOTINGS)
 n = 10
 REINFORCING STEEL: f_s = 20,000 P.S.I.
 STRUCTURAL STEEL: f_s = 20,000 P.S.I. (A36)
 PILE CAPACITY: ABUTMENTS = 45 TON CONCRETE PILES, PIERS = 35 TON CONCRETE PILES
 MAX. L.L. DEFLECTION: 1/1200 (COMPOSITE)



STATION 1092+46.22
 BUILT 197 BY
 STATE OF ILLINOIS
 F.A.I. RTE. 57 SECT. 02-IVB
 F.A. PROJ. IG-57-1(91)
 LOADING HS 20-44, ALT.
 2 REQ'D. SEE STATE OF ILLINOIS STANDARD 2113
 LETTERING FOR NAME PLATE

GENERAL PLAN AND ELEVATION
 F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
 EXIST. RTE. 3, G.M. & O.R.R. LEVEE & M.P.R.R.
 PROJECT IG-57-1(91)
 F.A.I. RTE. 57 SECTION 02-IVB
 ALEXANDER COUNTY
 STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
 CONSULTING ENGINEERS
 10 S. WABASH AVE. CHICAGO, ILLINOIS

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

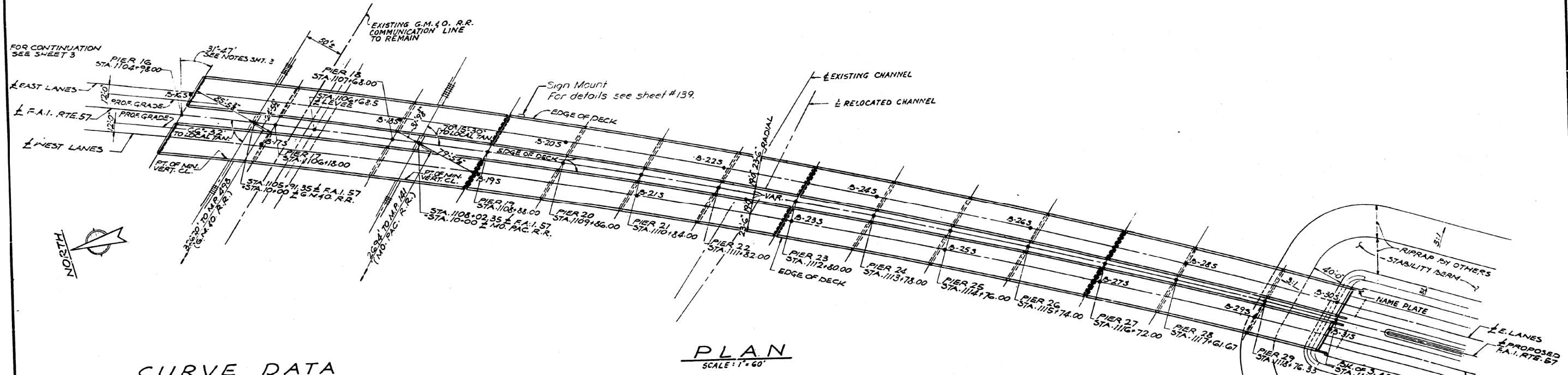
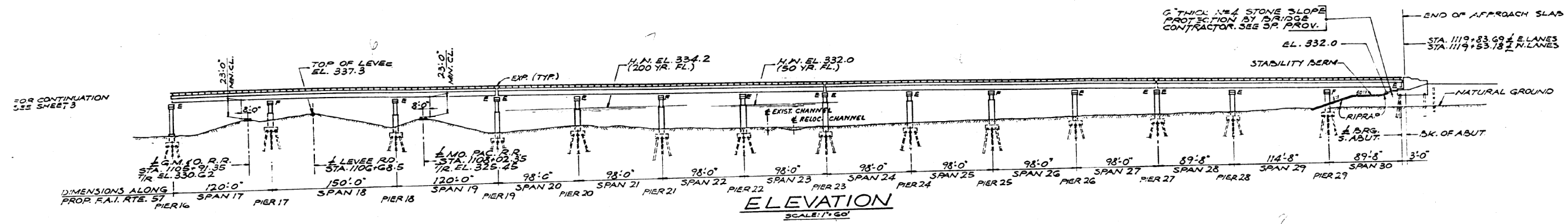
SN 002-0023/ 002-0024

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	6
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

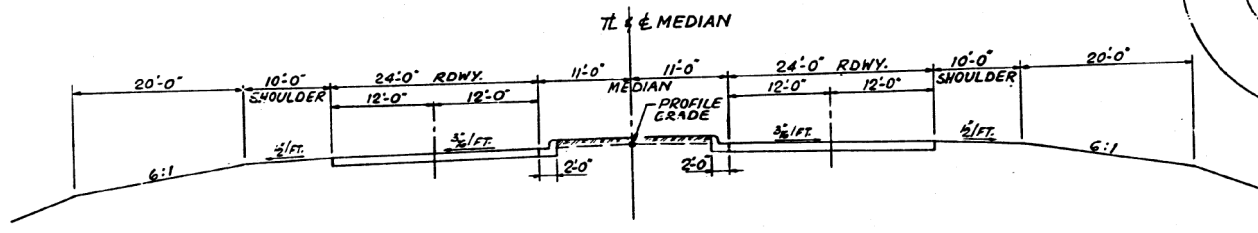
ALEXANDER/JOHNSON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	4
STA.	TO STA.			
B. P. R. REG. NO. 4	ILLINOIS	PROJECT		



CURVE DATA

S.B.I. RTE. 150 (RELOC. RTE. 3)		F.A.I. RTE. 57, E. & W. LANES	
P.I. STA. 224+29.77	P.I. STA. 1112+80.09 (E LANES)	P.I. STA. 1113+21.58 (F.A.I. RTE 57)	P.I. STA. 1113+63.07 (W LANES)
Δ = 58° 58' 15"	Δ = 25° 00'	Δ = 0° 36'	Δ = 95° 49' 34"
D = 1" 20'	D = 0° 36'	D = 0° 36'	D = 2117.04'
R = 4297.18'	R = 9549.34'	R = 9549.34'	R = 4166.67'
T = 2429.77'	T = 2117.04'	T = 2117.04'	T = 231.85'
L = 4422.81'	L = 4166.67'	L = 4166.67'	L = 0.0171/ft.
E = 639.38'	E = 231.85'	E = 231.85'	
S.E. = 0.0381/ft.	S.E. = 0.0171/ft.	S.E. = 0.0171/ft.	
S.E. ATTAINED STA 245+56.14 TO STA 243+56.14 (ROTATED AROUND TL OF MEDIAN)		S.E. ATTAINED E. LANES: STA. 1090+29.72 TO STA. 1092+29.72 STA. 1134+63.05 TO STA. 1152+29.05 W. LANES: STA. 1091+12.70 TO STA. 1091+12.70 STA. 1133+66.03 TO STA. 1133+66.03 (ROTATED AROUND M. EDG. IN EDG. PAVEMENT)	



TYPICAL CROSS-SECTION RELOC. S.B.I. RTE. 150
SCALE: 1" = 10 FT.

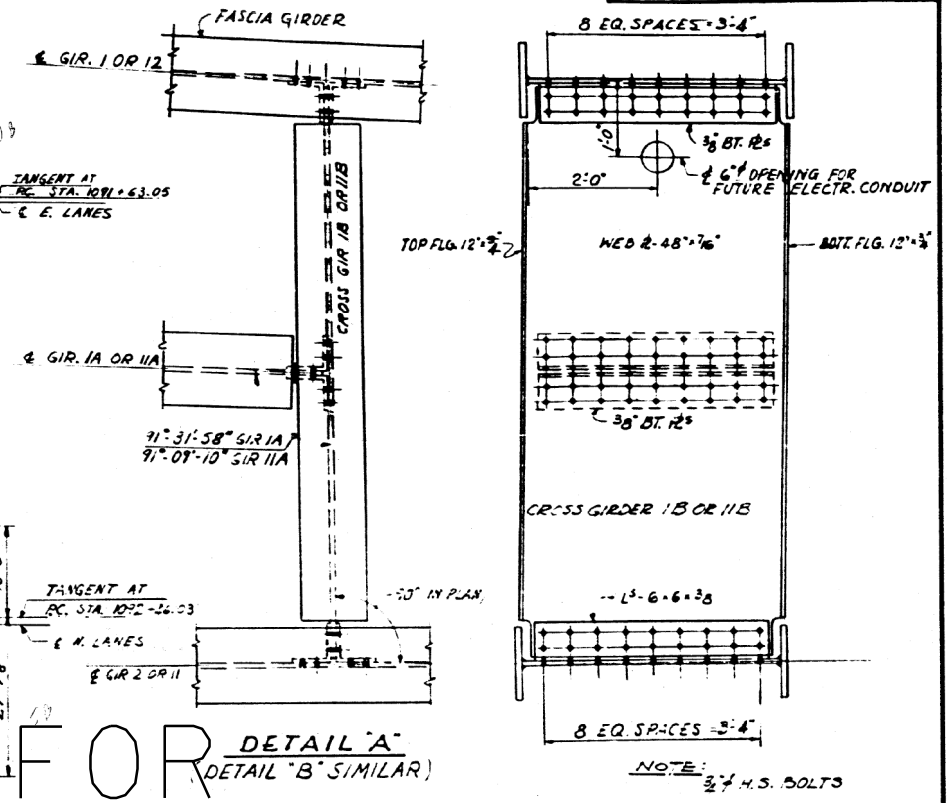
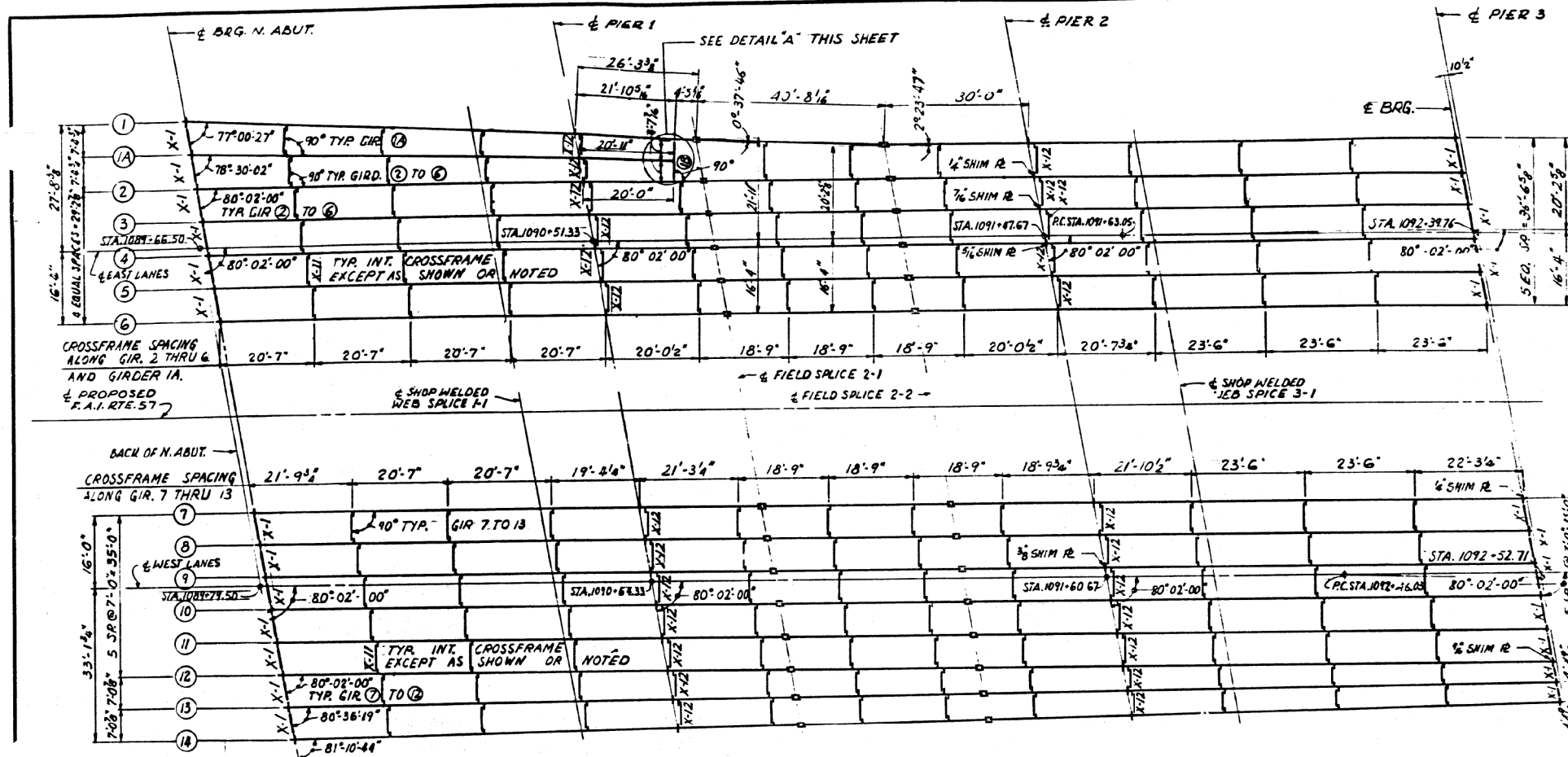
FOR INFORMATION ONLY

GENERAL PLAN AND ELEVATION
F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
EXIST. RTE. 3, G.M. 60 R.R., LEVEE & M.P.R.R.
PROJECT IG-57-1 (91) I
F.A.I. RTE. 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 E. WASHINGTON AVE. CHICAGO, ILLINOIS

REVISED 10-6-70

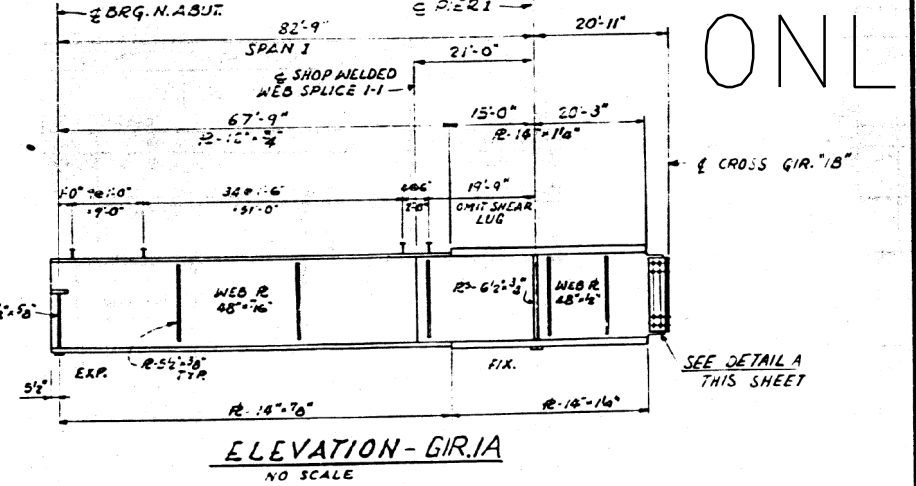
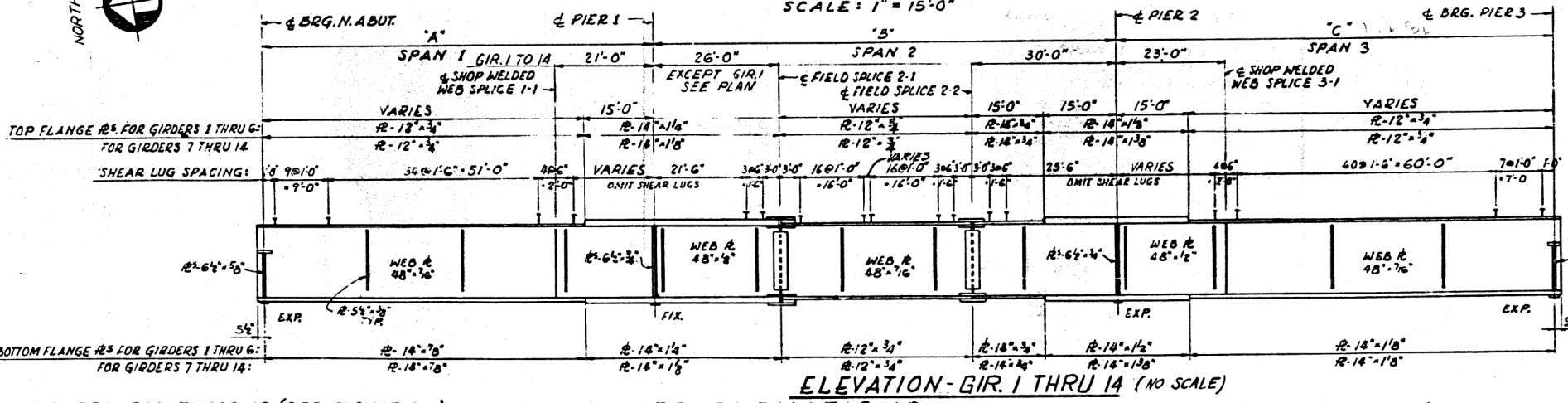
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA157 02-IVB	ALEXANDER	156	58
STA.	TO STA.		
1089+73.00	1119+69.00		



FRAMING PLAN
SCALE: 1" = 15'-0"

NOTE: ALL DIMENSIONS SHOWN ARE IN A HORIZONTAL PLANE. FOR STEEL DETAILS SEE SHEETS G9 TO G14 INCL. ALL GIRDERS ARE STRAIGHT BETWEEN SEARINGS AND SPLICES

FOR INFORMATION ONLY



GIRDERS DIMENSIONS (SEE ELEVATION)

GIRDER	A	B	C
G1	83'-25"	96'-11 1/2"	91'-13"
G1A	82'-9"	20'-11"	
G2	82'-4"	96'-4"	91'-13 1/2"
G3	82'-4"	96'-4"	91'-13 1/2"
G4	82'-4"	96'-4"	91'-13 1/2"
G5	82'-4"	96'-4"	91'-13 1/2"
G6	82'-4"	96'-4"	91'-13 1/2"
G7	82'-4"	96'-4"	91'-13 1/2"
G8	82'-4"	96'-4"	91'-13 1/2"
G9	82'-4"	96'-4"	91'-13 1/2"
G10	82'-4"	96'-4"	91'-13 1/2"
G11	82'-4"	96'-4"	91'-13 1/2"
G12	82'-4"	96'-4"	91'-13 1/2"
G13	82'-2 1/2"	96'-2 1/2"	90'-11 1/2"
G14	82'-0 1/2"	96'-0 1/2"	90'-10 1/2"

TOP OF WEB ELEVATIONS. (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)

GIRDER	LOCATION	BRG. N. ABUT.	SPLICE 1-1	PIER 1	SPLICE 2-1	SPLICE 2-2	PIER 2	SPLICE 3-1	BRG. PIER 3
G1		328.137	329.916	330.632	331.525	332.885	333.879	334.640	336.762
G1A		328.289	330.036	330.728	331.418	END OF GIRDER 1A			
G2		328.441	330.156	330.822	331.652	332.940	333.897	334.651	336.877
G3		328.591	330.308	330.953	331.752	332.991	333.973	334.620	336.793
G4		328.688	330.407	331.033	331.808	332.970	333.904	334.589	336.709
G5		328.611	330.281	330.956	331.729	332.929	333.822	334.506	336.625
G6		328.533	330.255	330.879	331.651	332.849	333.740	334.424	336.540
G7		328.748	330.489	331.113	331.886	332.976	334.007	334.706	336.849
G8		328.893	330.635	331.259	332.032	332.223	334.101	334.773	336.839
G9		329.038	330.780	331.405	332.178	332.348	334.191	334.838	336.826
G10		329.026	330.770	331.395	332.168	332.329	334.164	334.799	336.743
G11		328.953	330.698	331.322	332.095	332.253	334.084	334.721	336.681
G12		328.805	330.576	331.215	332.008	332.177	334.006	334.642	336.599
G13		328.656	330.464	331.121	331.935	332.116	333.948	334.585	336.548
G14		328.508	330.353	331.029	331.863	332.055	333.889	334.528	336.497

FILLET WELD TABLE

FLANGE R THICKNESS	WELD SIZE
3/4"	1/4"
7/8", 1 1/8", 1 1/4", 1 1/2"	5/16"

FRAMING PLAN - SPANS 1, 2 & 3
F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
EXIST. RTE. 3, G.M.E.O.R.R., LEVEE EM.P.R.R.
PROJECT IG-57-1 (91) I
F.A.I. RTE 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 S. WABASH AVE. CHICAGO, ILLINOIS

ALEXANDER/JOHNSON

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -

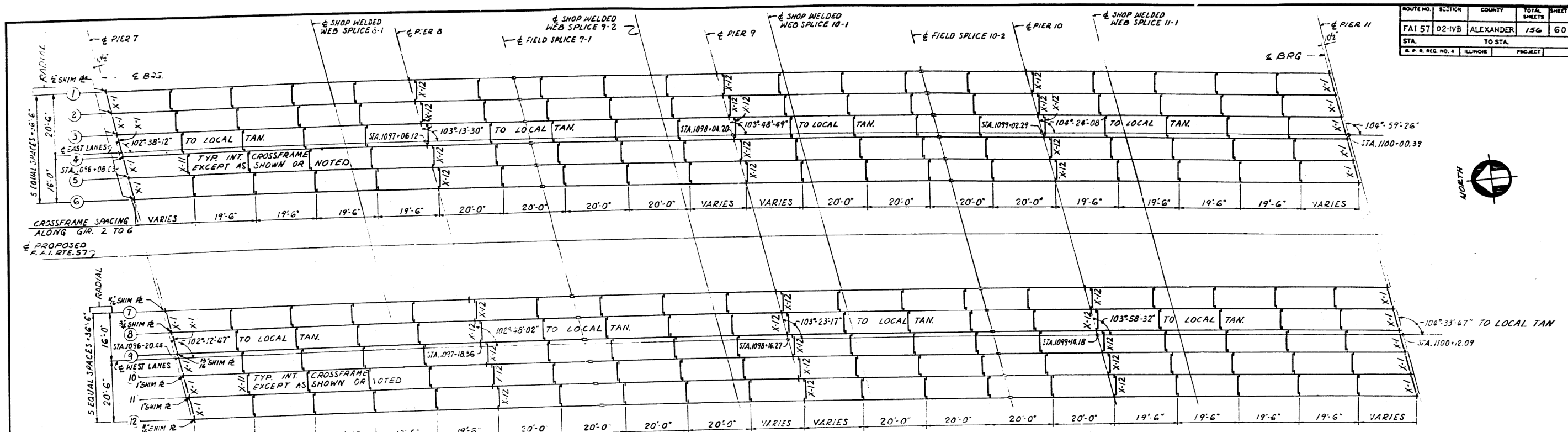
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 002-0023/ 002-0024

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

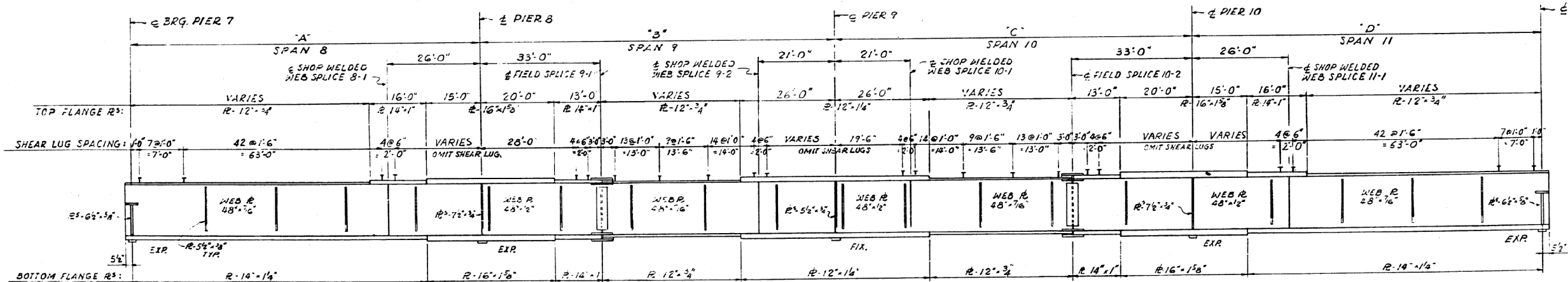
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	8
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	60
STA.	TO STA.			
R. P. R. REG. NO. 4	ILLINOIS	PROJECT		



FRAMING PLAN
SCALE: 1" = 15'-0"

NOTE: ALL GIRDERS ARE CURVED TO RADIUS = 9549.34'
ALL DIMENSIONS SHOWN ARE IN A HORIZONTAL PLANE.
ALL INTERIOR CROSS FRAMES ARE RADIAL.
FOR STEEL DETAILS SEE SHEETS 69 TO 74 INCL.



ELEVATION
NO SCALE

FILLET WELD TABLE

FLANGE R. THICKNESS	WELD SIZE
3/4"	1/2"
1" & 1 1/4"	5/16"
1 5/8"	3/8"

GIRDERS DIMENSIONS (SEE ELEVATION)

LANE	GIRDER	TOP OF WEB ELEVATIONS (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)										
		A	B	C	D							
EAST LANE	G1	97'-2 3/8"	98'-0 3/8"	98'-0 1/2"	97'-2 1/8"							
	G2	97'-2 3/8"	98'-0 3/8"	98'-1"	97'-2 3/8"							
	G3	97'-2 3/8"	98'-1"	98'-1 1/4"	97'-2 3/8"							
	G4	97'-2 3/8"	98'-1 1/4"	98'-1 1/2"	97'-2 3/8"							
	G5	97'-2 3/8"	98'-1 1/4"	98'-1 3/8"	97'-2 3/8"							
	G6	97'-2 3/8"	98'-1 3/8"	98'-1 1/2"	97'-2 3/8"							
	G7	97'-0 3/8"	97'-10 3/8"	97'-10 1/2"	96'-11 3/8"							
	G8	97'-0 3/8"	97'-10 3/8"	97'-10 3/8"	97'-0"							
	G9	97'-0 3/8"	97'-11"	97'-10 1/2"	97'-0"							
	G10	97'-0 3/8"	97'-11"	97'-11"	97'-0 1/2"							
	G11	97'-0 3/8"	97'-11 1/4"	97'-11"	97'-0 1/2"							
	G12	97'-0 3/8"	97'-11 1/8"	97'-11 1/8"	97'-0 3/8"							
WEST LANE	G1	347.401	349.002	349.576	350.304	351.222	351.638	352.052	352.877	353.454	353.907	355.121
	G2	347.317	348.916	349.490	350.217	351.134	351.549	351.963	352.787	353.362	353.815	355.026
	G3	347.233	348.831	349.404	350.130	351.046	351.460	351.874	352.696	353.271	353.722	354.931
	G4	347.149	348.745	349.318	350.043	350.958	351.371	351.784	352.603	353.179	353.630	354.836
	G5	347.065	348.659	349.231	349.956	350.869	351.283	351.695	352.515	353.087	353.537	354.741
	G6	346.981	348.574	349.145	349.869	350.781	351.194	351.606	352.424	352.995	353.445	354.646
	G7	347.269	348.848	349.415	350.134	351.036	351.445	351.854	352.662	353.229	353.674	354.861
	G8	347.183	348.760	349.327	350.046	350.946	351.355	351.763	352.570	353.135	353.580	354.764
	G9	347.097	348.673	349.239	349.957	350.856	351.265	351.672	352.478	353.042	353.486	354.668
	G10	347.012	348.586	349.152	349.868	350.766	351.174	351.581	352.386	352.949	353.392	354.571
	G11	346.926	348.498	349.064	349.780	350.677	351.084	351.490	352.293	352.856	353.297	354.475
	G12	346.840	348.411	348.976	349.691	350.587	350.993	351.399	352.201	352.762	353.203	354.378

TOP OF WEB ELEVATIONS (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)

GIRDER	LOCATION	BRG. PIER 7	SP. 8-1	PIER 8	SP. 9-1	SP. 9-2	PIER 9	SP. 10-1	SP. 10-2	PIER 10	SP. 11-1	BRG. PIER 11
G1		347.401	349.002	349.576	350.304	351.222	351.638	352.052	352.877	353.454	353.907	355.121
G2		347.317	348.916	349.490	350.217	351.134	351.549	351.963	352.787	353.362	353.815	355.026
G3		347.233	348.831	349.404	350.130	351.046	351.460	351.874	352.696	353.271	353.722	354.931
G4		347.149	348.745	349.318	350.043	350.958	351.371	351.784	352.603	353.179	353.630	354.836
G5		347.065	348.659	349.231	349.956	350.869	351.283	351.695	352.515	353.087	353.537	354.741
G6		346.981	348.574	349.145	349.869	350.781	351.194	351.606	352.424	352.995	353.445	354.646
G7		347.269	348.848	349.415	350.134	351.036	351.445	351.854	352.662	353.229	353.674	354.861
G8		347.183	348.760	349.327	350.046	350.946	351.355	351.763	352.570	353.135	353.580	354.764
G9		347.097	348.673	349.239	349.957	350.856	351.265	351.672	352.478	353.042	353.486	354.668
G10		347.012	348.586	349.152	349.868	350.766	351.174	351.581	352.386	352.949	353.392	354.571
G11		346.926	348.498	349.064	349.780	350.677	351.084	351.490	352.293	352.856	353.297	354.475
G12		346.840	348.411	348.976	349.691	350.587	350.993	351.399	352.201	352.762	353.203	354.378

FOR INFORMATION ONLY

FRAMING PLAN-SPANS 8,9,10&11
F.A.I.R.T.E. 57 OVER S.B.I.R.T.E. 150.
EXIST. RTE. 3, G.M. & O.R.R., LEVEE E.M.P.R.R.
PROJECT 1G-57-1 (91) 1
F.A.I. RTE. 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
18 S. WABASH AVE. CHICAGO, ILLINOIS

USER NAME = WILSONDA
DESIGNED - DW
DRAWN - DW
PLOT SCALE = 100.0000' / in.
PLOT DATE = 9/27/2019

REVISOR -
REVISION -
CHECKED - MS
DATE - 07/24/18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

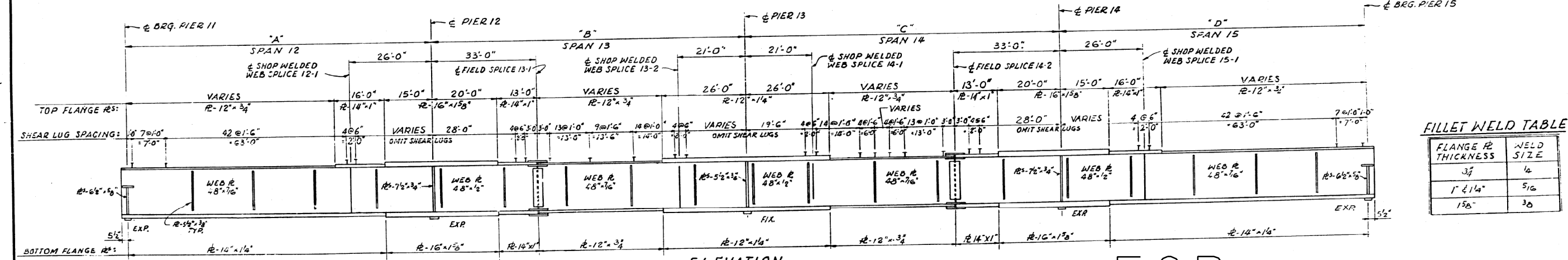
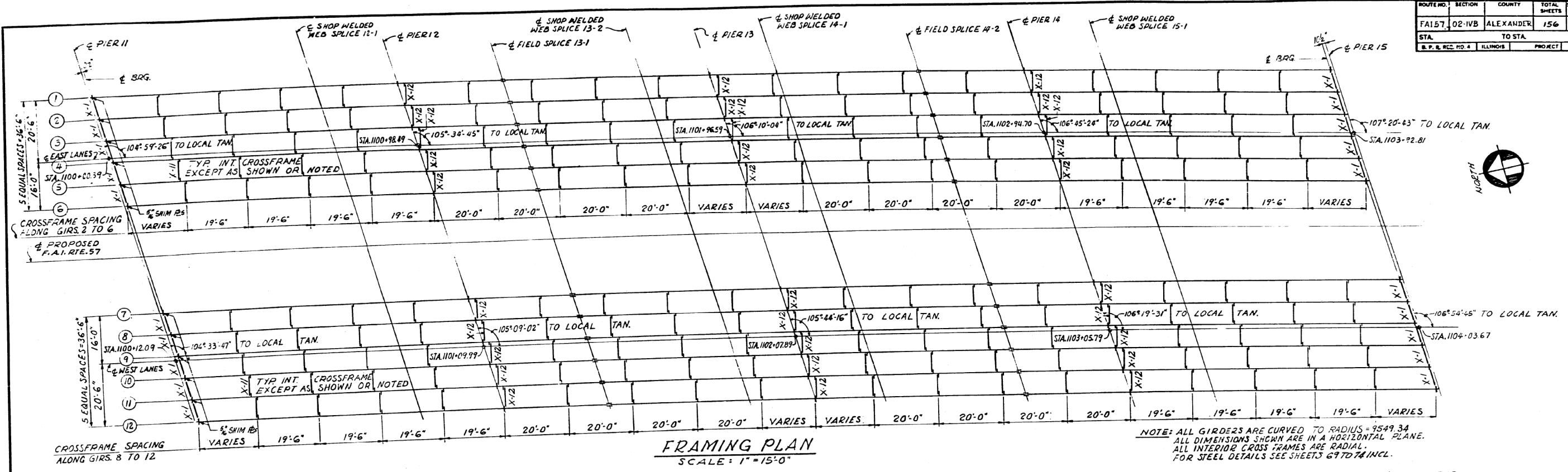
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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	10
CONTRACT NO. 78678			ILLINOIS FED. AID PROJECT	

ALEXANDER/JOHNSON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA157	02-IVB	ALEXANDER	156	61
STA.	TO STA.			
B. P. & REC. NO. 4	ILLINOIS	PROJECT		



GIRDERS DIMENSIONS (SEE ELEVATION)

GIRDER	A	B	C	D
G1	97'-2 1/8"	98'-1 1/8"	98'-1 1/8"	97'-2 1/8"
G2	97'-2 3/8"	98'-1 1/8"	98'-1 1/8"	97'-2 1/4"
G3	97'-2 1/4"	98'-1 3/8"	98'-1 1/4"	97'-2 3/8"
G4	97'-2 3/8"	98'-1 1/4"	98'-1 3/8"	97'-2 3/8"
G5	97'-2 3/8"	98'-1 3/8"	98'-1 3/8"	97'-2 7/8"
G6	97'-2 1/2"	98'-1 3/8"	98'-1 1/2"	97'-2 1/2"
G7	96'-11 3/8"	97'-10 3/8"	97'-10 3/8"	96'-11 1/2"
G8	96'-11 1/8"	97'-10 3/8"	97'-10 3/8"	96'-11 3/8"
G9	96'-11 1/8"	97'-10 3/8"	97'-10 3/8"	96'-11 1/8"
G10	97'-0"	97'-10 3/8"	97'-10 3/8"	96'-11 3/8"
G11	97'-0 1/8"	97'-10 3/8"	97'-10 3/8"	96'-11 1/8"
G12	97'-0 3/8"	97'-10 3/8"	97'-10 3/8"	96'-11 3/8"

TOP OF WEB ELEVATIONS. (FOR FABRICATION ONLY-UNDEFLECTED GIRDERS)

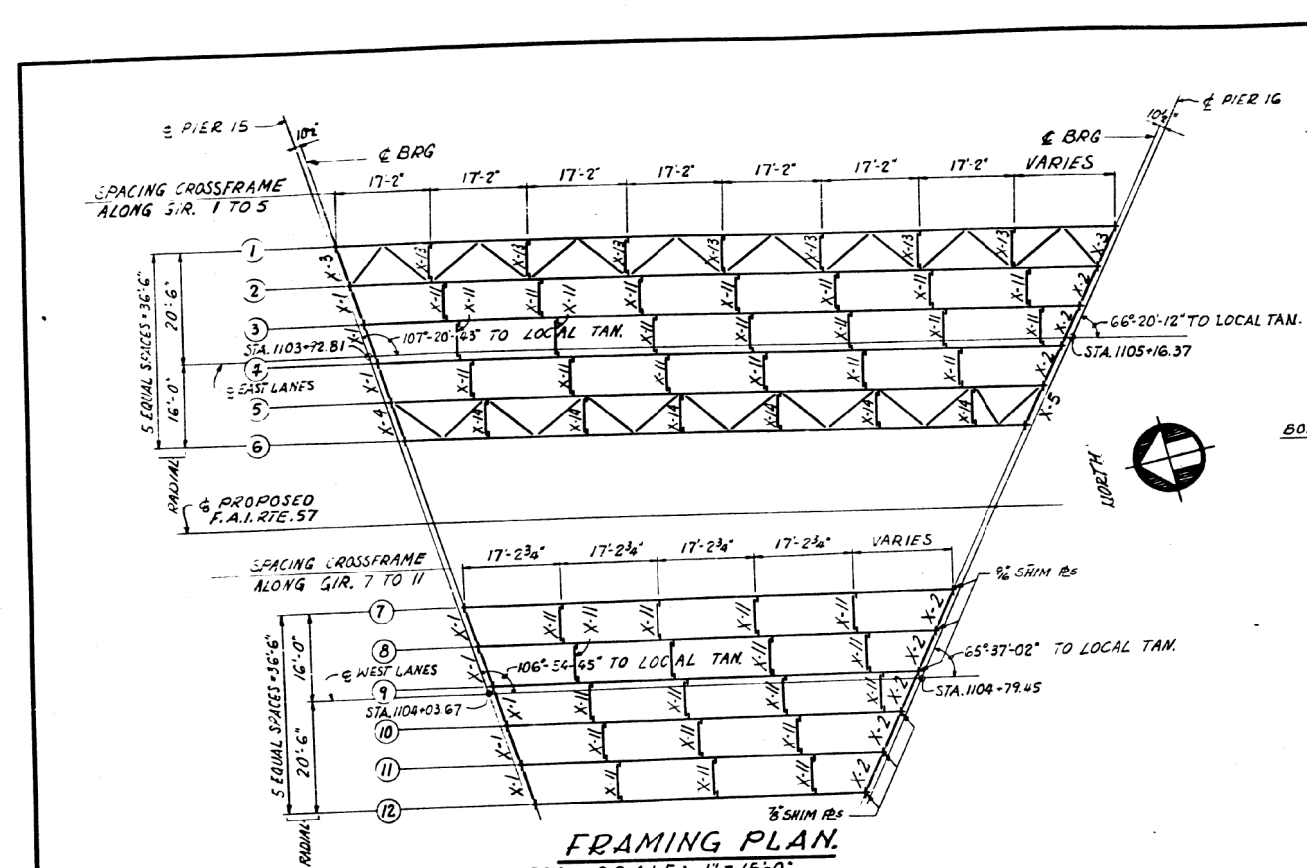
GIRDER	LOCATION	± BRG. PIER 11	± SPLICE 12-1	± PIER 12	± SPLICE 13-1	± SPLICE 13-2	± PIER 13	± SPLICE 14-1	± SPLICE 14-2	± PIER 14	± SPLICE 15-1	± BRG. PIER 15
G1		355.148	356.066	356.392	356.804	357.299	357.513	357.727	358.129	358.389	358.594	359.125
G2		355.053	355.969	356.293	356.704	357.197	357.411	357.623	358.024	358.282	358.485	359.013
G3		354.958	355.871	356.195	356.604	357.095	357.308	357.519	357.918	358.175	358.377	358.901
G4		354.863	355.774	356.096	356.504	356.993	357.205	357.416	357.812	358.068	358.268	358.789
G5		354.768	355.676	355.997	356.404	356.892	357.102	357.312	357.707	357.961	358.160	358.677
G6		354.673	355.578	355.898	356.303	356.790	356.999	357.208	357.601	357.853	358.051	358.564
G7		354.578	355.479	355.795	356.200	356.688	356.897	357.106	357.497	357.749	357.947	358.458
G8		354.483	355.380	355.695	356.100	356.588	356.797	357.006	357.397	357.649	357.847	358.358
G9		354.388	355.282	355.595	356.000	356.488	356.697	357.006	357.397	357.649	357.847	358.358
G10		354.293	355.185	355.495	355.900	356.388	356.597	357.006	357.397	357.649	357.847	358.358
G11		354.198	355.088	355.395	355.800	356.288	356.497	357.006	357.397	357.649	357.847	358.358
G12		354.103	354.990	355.295	355.700	356.188	356.397	357.006	357.397	357.649	357.847	358.358

FOR INFORMATION ONLY

FRAMING PLAN SPANS 12, 13, 14 & 15
F.A.I. RTE. 57 OVER S.B.I. RTE. 150.
EXIST. RTE. 3.G.M. 60.R. LEVEE & M.P.R.R.
PROJECT IG-57-1 (91) I
F.A.I. RTE. 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

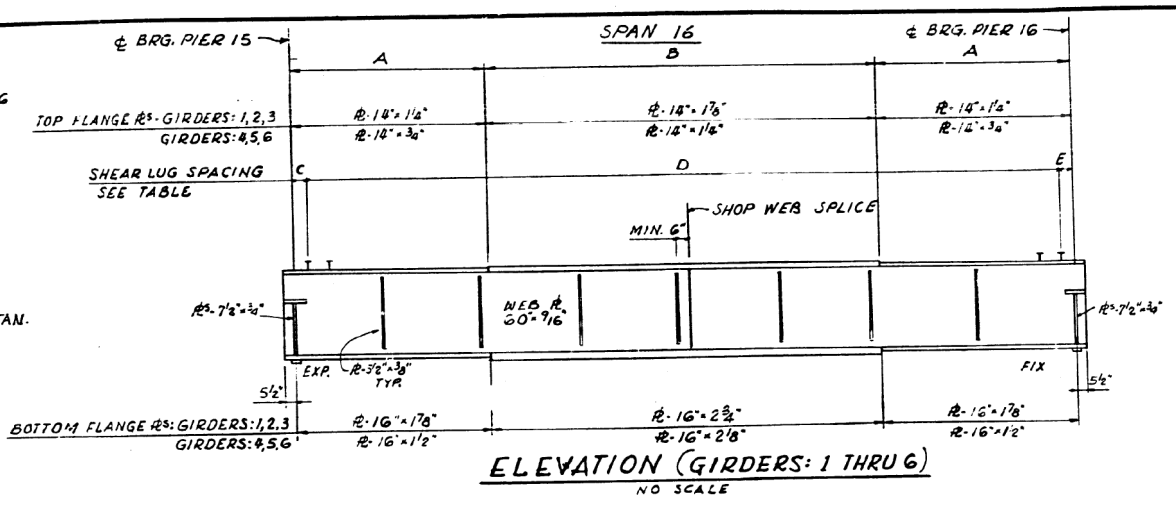
ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
16 S. WABASH AVE. CHICAGO, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	62
STA.	TO STA.		PROJECT	
B.P.R. REG. NO. 4	ILLINOIS	PROJECT		

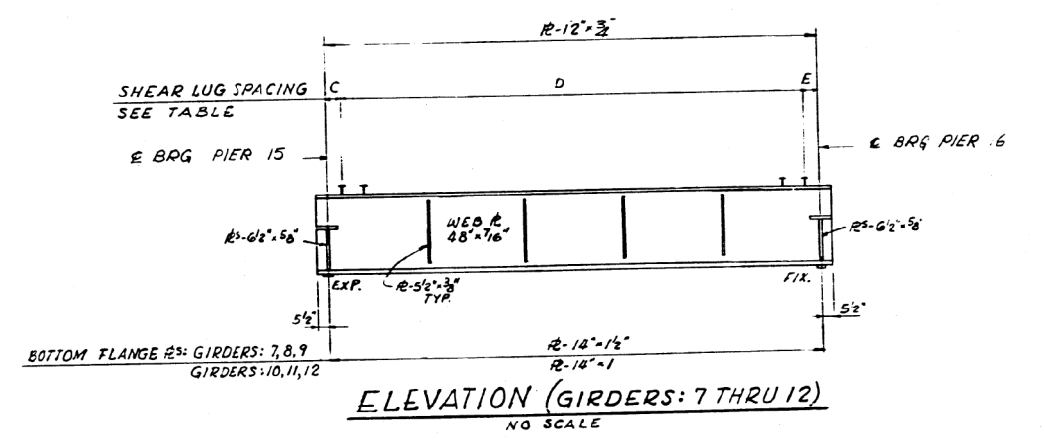


NOTE: ALL GIRDERS ARE CURVED TO RADIUS = 9549.34
 ALL DIMENSIONS SHOWN ARE IN A HORIZONTAL PLANE.
 ALL INTERIOR CROSS FRAMES ARE RADIAL
 FOR STEEL DETAILS SEE SHEETS 69 TO 74 INCL.

FRAMING PLAN
 SCALE: 1" = 15'-0"



ELEVATION (GIRDERS: 1 THRU 6)
 NO SCALE



ELEVATION (GIRDERS: 7 THRU 12)
 NO SCALE

FILLET WELD TABLE

FLANGE R THICKNESS	WELD SIZE
3/4"	1/4"
1 1/4" & 1 1/2"	5/16"
1 3/8" & 2 3/8"	3/8"
2 3/4"	1/2"

GIRDERS DIMENSIONS (SEE ELEVATION)

GIRDER	LENGTH		← BRG. TO ← BRG. LENGTH
	A	B	
G1	34'-4"	68'-8"	137'-4"
G2	32'-11 3/8"	65'-10 3/8"	131'-9 3/8"
G3	31'-6 1/2"	63'-1 1/4"	126'-2 1/4"
G4	30'-1 1/8"	60'-3 3/8"	120'-7 3/8"
G5	28'-9 3/8"	57'-6 1/4"	115'-0 1/2"
G6	27'-4 1/8"	54'-8 3/4"	109'-5 3/8"
G7	-	-	86'-1 3/8"
G8	-	-	80'-6 1/8"
G9	-	-	76'-9 3/8"
G10	-	-	69'-4 3/8"
G11	-	-	63'-9 1/8"
G12	-	-	58'-2 1/8"

TOP OF WEB ELEVATIONS (FOR FABRICATION ONLY-UNDEFLECTED GIRDERS)

GIRDER	LOCATION	← BRG. PIER 15	← BRG. PIER 16
G1		359.072	359.578
G2		358.960	359.448
G3		358.848	359.317
G4		358.736	359.186
G5		358.623	359.054
G6		358.511	358.923
G7		358.706	359.040
G8		358.593	358.907
G9		358.479	358.773
G10		358.346	358.619
G11		358.233	358.484
G12		358.119	358.350

SHEAR LUG SPACING

GIRDER	SPACING		
	C	D	E
G1	8"	68 @ 2'-0" = 136'-0"	8"
G2	10 1/8"	65 @ 2'-0" = 130'-0"	10 1/2"
G3	1'-1"	62 @ 2'-0" = 124'-0"	1'-1 1/4"
G4	1'-4"	59 @ 2'-0" = 118'-0"	1'-3 3/8"
G5	6 3/4"	57 @ 2'-0" = 114'-0"	6 1/4"
G6	8 3/4"	54 @ 2'-0" = 108'-0"	8 3/8"
G7	1'-1"	56 @ 1'-6" = 84'-0"	1'-0 3/4"
G8	1'-3 1/4"	52 @ 1'-6" = 78'-0"	1'-3 1/2"
G9	10 3/4"	50 @ 1'-6" = 75'-0"	10 1/8"
G10	11 1/4"	45 @ 1'-6" = 67'-6"	11 3/8"
G11	1'-1 3/4"	41 @ 1'-6" = 61'-6"	1'-1 1/8"
G12	7 1/4"	38 @ 1'-6" = 57'-0"	7 1/4"

FOR INFORMATION ONLY

FRAMING PLAN-SPAN 16
 F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
 EXIST. RTE. 3.G.M. 60.R.R.-LEVEE E.M.P.R.R.
 PROJECT IG-57-1 (91) I
 F.A.I. RTE. 57 SECTION 02-IVB
 ALEXANDER COUNTY
 STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
 CONSULTING ENGINEERS
 10 S. WABASH AVE. CHICAGO, ILLINOIS

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
DRAWN - DW	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 002-0023/ 002-0024

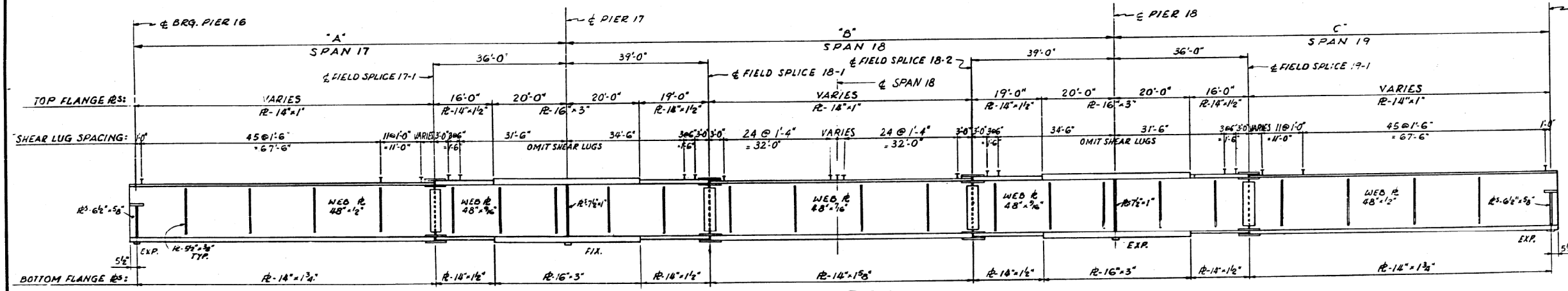
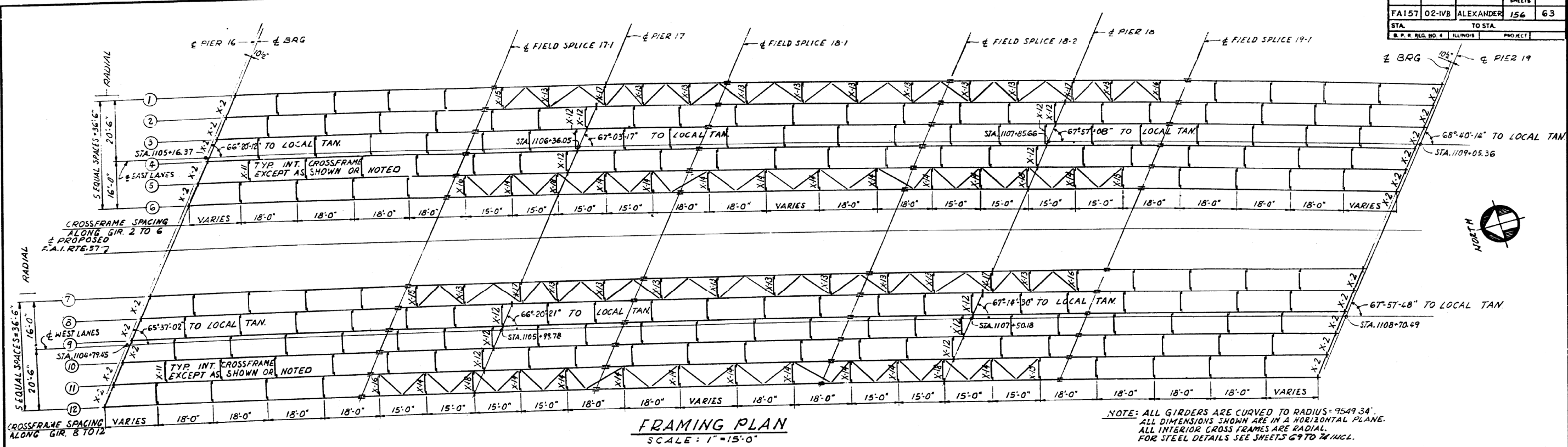
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	12
CONTRACT NO. 78678				
ILLINOIS		FED. AID PROJECT		

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ALEXANDER/JOHNSON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA157	02-IVB	ALEXANDER	156	63
STA.		TO STA.		
R.P.R. REG. NO. 4		PROJECT		



FILLET WELD TABLE

FLANGE R THICKNESS	WELD SIZE
1"	5/16
1/2", 1 5/8" & 1 3/4"	3/8
3"	1/2

GIRDERS DIMENSIONS (SEE ELEVATION)

	GIRDER	A	B	C
EAST LANE	G1	118'-8 1/2"	149'-6 3/4"	118'-8 1/2"
	G2	118'-8 1/4"	149'-6 7/8"	118'-8 1/8"
	G3	118'-8 1/2"	149'-7 1/8"	118'-9"
	G4	118'-8 1/4"	149'-7 3/8"	118'-9 3/8"
	G5	118'-8 1/2"	149'-7 5/8"	118'-9 5/8"
WEST LANE	G6	118'-9 1/2"	149'-7 7/8"	118'-9 1/2"
	G7	119'-4"	150'-4 3/4"	119'-3 3/4"
	G8	119'-4 3/4"	150'-4 7/8"	119'-4 1/8"
	G9	119'-4 7/8"	150'-5 1/8"	119'-4 5/8"
	G10	119'-4 3/8"	150'-5"	119'-4 1/2"
	G11	119'-4 7/8"	150'-5 1/4"	119'-4 1/4"
	G12	119'-5 1/8"	150'-5 1/2"	119'-4 3/4"

TOP OF WEB ELEVATIONS. (FOR FABRICATION ONLY-UNDEFLECTED GIRDERS)

GIRDER	LOCATION	← BRG. PIER 16	← SPICE 17-1	← PIER 17	← SPICE 18-1	← SPACE 18-2	← PIER 18	← SPICE 19-1	← BRG. PIER 19
G1		359.624	359.682	359.497	359.609	359.412	359.084	359.070	358.556
G2		359.494	359.558	359.376	359.491	359.298	358.974	358.962	358.453
G3		359.363	359.434	359.255	359.372	359.185	358.863	358.854	358.350
G4		359.232	359.309	359.133	359.253	359.071	358.752	358.745	358.246
G5		359.101	359.185	359.011	359.134	358.957	358.641	358.636	358.143
G6		358.969	359.060	358.888	359.015	358.843	358.529	358.527	358.039
G7		359.036	359.160	359.022	359.144	358.997	358.697	358.708	358.244
G8		358.902	359.033	358.879	359.023	358.881	358.584	358.598	358.140
G9		358.769	358.896	358.755	358.902	358.766	358.472	358.488	358.036
G10		358.635	358.779	358.631	358.781	358.650	358.359	358.378	357.932
G11		358.500	358.652	358.506	358.660	358.535	358.246	358.267	357.827
G12		358.366	358.525	358.382	358.538	358.419	358.133	358.157	357.723

FOR INFORMATION ONLY

FRAMING PLAN SPANS 17, 18 & 19
F.A.I.R.T.E. 57 OVER S.B.I.R.T.E. 150,
EXIST. RTE. 3.G.M.E.O.R.R.-LEVEE E.M.P.R.R.
PROJECT 1G-57-1 (91) I
F.A.I. RTE. 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENECH & COMPANY
CONSULTING ENGINEERS
18 S. WABASH AVE. CHICAGO, ILLINOIS

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
DRAWN - DW	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

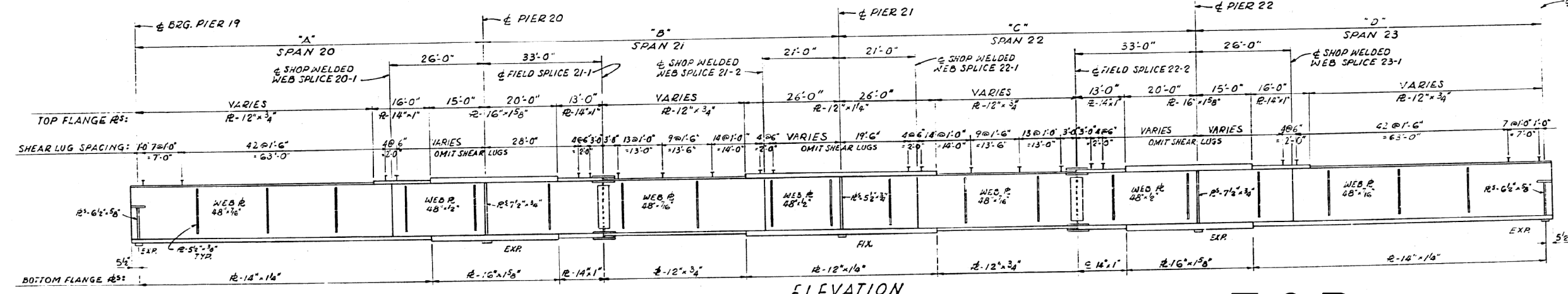
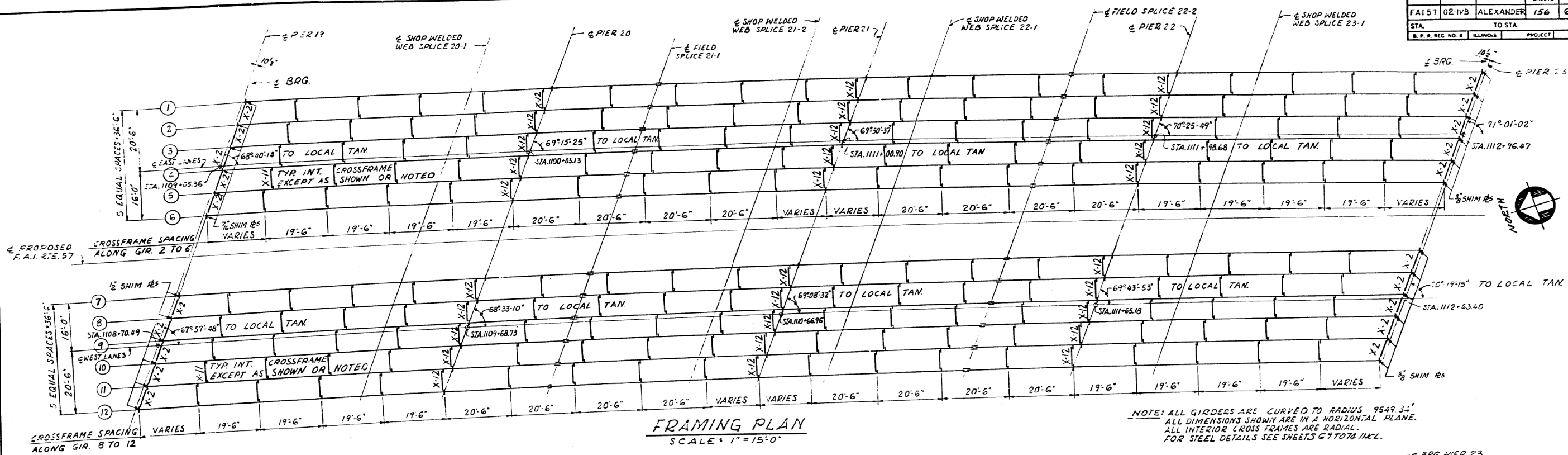
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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	13
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

ALEXANDER/JOHNSON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA157	02-IVB	ALEXANDER	156	64
STA.	TO STA.		PROJECT	
R. P. R. REG. NO. 4	ILLINOIS			



FILLET WELD TABLE

FLANGE R THICKNESS	WELD SIZE
3/4"	1/2"
1" & 1 1/4"	5/16"
1 5/8"	3/8"

GIRDERS DIMENSIONS (SEE ELEVATION)

GIRDER	TOP OF WEB ELEVATIONS (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)			
	A	B	C	D
G1	96'-9 1/4"	97'-8 3/8"	97'-9 1/4"	96'-10 1/4"
G2	96'-9 1/4"	97'-9 1/4"	97'-9 3/8"	96'-10 3/8"
G3	96'-9 1/4"	97'-9 3/8"	97'-9 3/8"	96'-10 3/8"
G4	96'-9 1/4"	97'-9 3/8"	97'-9 3/8"	96'-10 3/8"
G5	96'-10 1/4"	97'-9 3/8"	97'-9 3/8"	96'-10 1/2"
G6	96'-10 3/8"	97'-9 3/8"	97'-9 3/8"	96'-10 3/8"
G7	97'-3 3/8"	98'-2 3/8"	98'-2 3/8"	97'-3 3/8"
G8	97'-3 3/8"	98'-2 3/8"	98'-2 3/8"	97'-3 3/8"
G9	97'-3 3/8"	98'-2 3/8"	98'-2 3/8"	97'-3 3/8"
G10	97'-3 3/8"	98'-2 3/8"	98'-2 3/8"	97'-3 3/8"
G11	97'-3 3/8"	98'-2 3/8"	98'-2 3/8"	97'-3 3/8"
G12	97'-3 3/8"	98'-2 3/8"	98'-2 3/8"	97'-3 3/8"

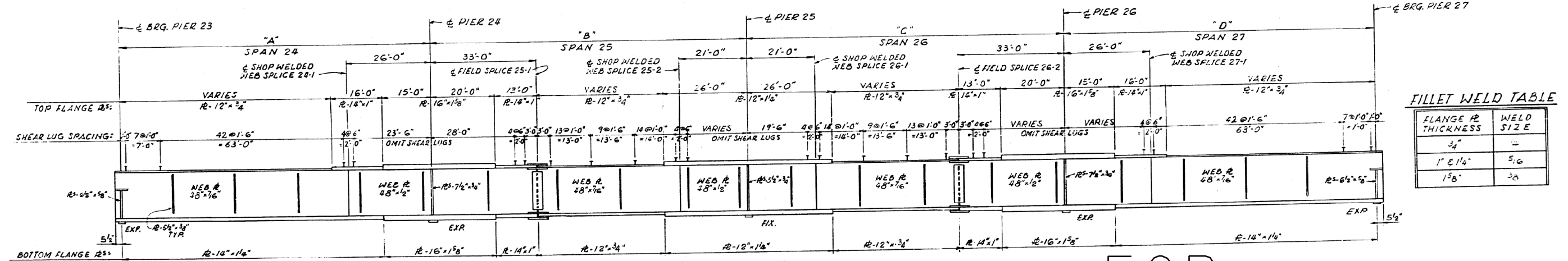
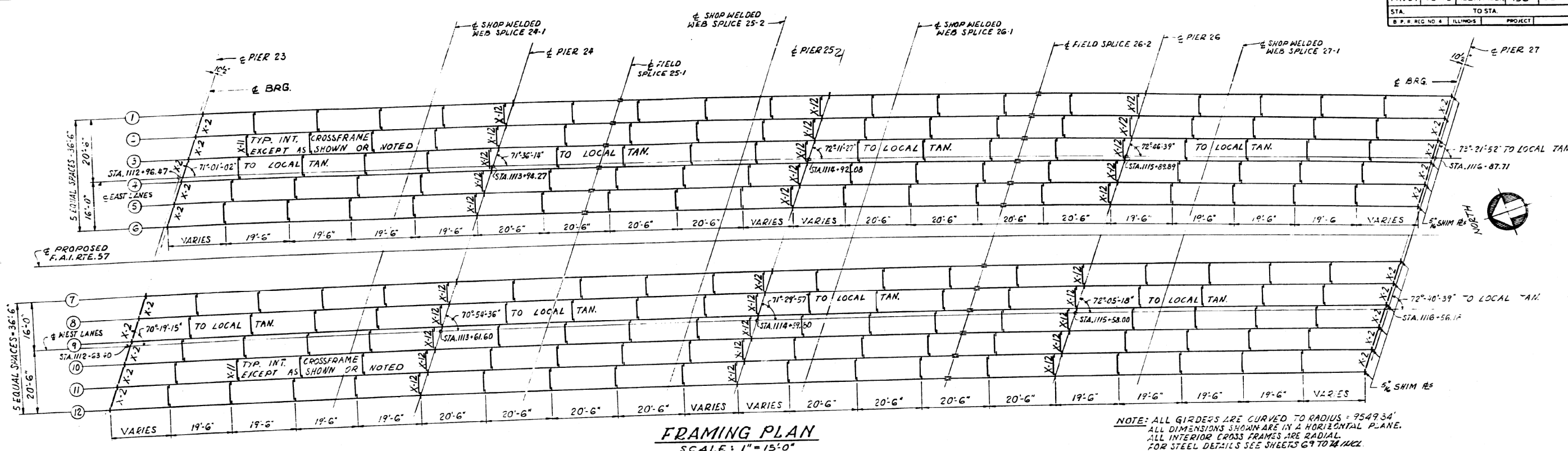
TOP OF WEB ELEVATIONS (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)

GIRDER	TOP OF WEB ELEVATIONS (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)											
	LOCATION	BRG. PIER 19	SPLICE 20-1	PIER 20	SPLICE 21-1	SPLICE 21-2	PIER 21	SPLICE 22-1	SPLICE 22-2	PIER 22	SPLICE 23-1	BRG. PIER 23
G1		358.562	357.884	357.625	357.295	356.803	356.545	356.287	355.703	355.222	354.842	353.780
G2		358.460	357.785	357.528	357.200	356.710	356.454	356.197	355.615	355.136	354.758	353.699
G3		358.357	357.687	357.431	357.105	356.618	356.362	356.106	355.527	355.050	354.673	353.617
G4		358.254	357.588	357.334	357.009	356.525	356.271	356.016	355.439	354.963	354.588	353.536
G5		358.150	357.489	357.236	356.914	356.432	356.179	355.925	355.351	354.877	354.502	353.454
G6		358.047	357.390	357.139	356.818	356.339	356.087	355.825	355.263	354.790	354.417	353.372
G7		358.253	357.615	357.372	357.062	356.591	356.346	356.099	355.535	355.071	354.706	353.673
G8		358.149	357.516	357.274	356.966	356.498	356.254	356.009	355.447	354.985	354.621	353.592
G9		358.045	357.416	357.177	356.871	356.405	356.162	355.918	355.359	354.899	354.536	353.511
G10		357.940	357.317	357.079	356.775	356.312	356.070	355.828	355.270	354.813	354.451	353.430
G11		357.836	357.217	356.981	356.679	356.219	355.978	355.737	355.182	354.726	354.366	353.349
G12		357.731	357.117	356.882	356.583	356.125	355.886	355.646	355.094	354.640	354.281	353.267

FOR INFORMATION ONLY

FRAMING PLAN-SPANS 20, 21, 22 & 23
F.A.I.R.T.E. 57 OVER S.B.I.R.T.E. 150,
EXIST. RTE. 3, G.M.E.O.R. - LEVEE EM.P.R.R.
PROJECT IG-57-1 (91) I
F.A.I.R.T.E. 57 SECTION 02-IV B
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 S. WABASH AVE. CHICAGO, ILLINOIS



GIRDERS DIMENSIONS (SEE ELEVATION)

GIRDER	A	B	C	D
G1	96'-10 3/8"	97'-9 3/8"	97'-9 1/2"	96'-10 1/2"
G2	96'-10 1/8"	97'-9 1/2"	97'-9 5/8"	96'-10 1/8"
G3	96'-10 3/8"	97'-9 3/8"	97'-9 1/8"	96'-10 3/8"
G4	96'-10 1/2"	97'-9 1/4"	97'-9 3/4"	96'-10 1/2"
G5	96'-10 5/8"	97'-9 3/2"	97'-9 1/2"	96'-11"
G6	96'-10 1/4"	97'-9 7/8"	97'-9 5/8"	96'-11 1/8"
G7	97'-3 1/4"	98'-2 3/8"	98'-2 1/4"	97'-3"
G8	97'-3 3/16"	98'-2 5/8"	98'-2 3/8"	97'-3 1/8"
G9	97'-3 5/8"	98'-2 3/8"	98'-2 5/8"	97'-3 5/8"
G10	97'-3 3/8"	98'-2 1/2"	98'-2 3/8"	97'-3 5/8"
G11	97'-3 3/8"	98'-2 3/8"	98'-2 1/2"	97'-3 3/8"
G12	97'-3 5/8"	98'-2 3/8"	98'-2 5/8"	97'-3 5/8"

TOP OF WEB ELEVATIONS. (FOR FABRICATION ONLY-UNDEFLECTED GIRDERS)

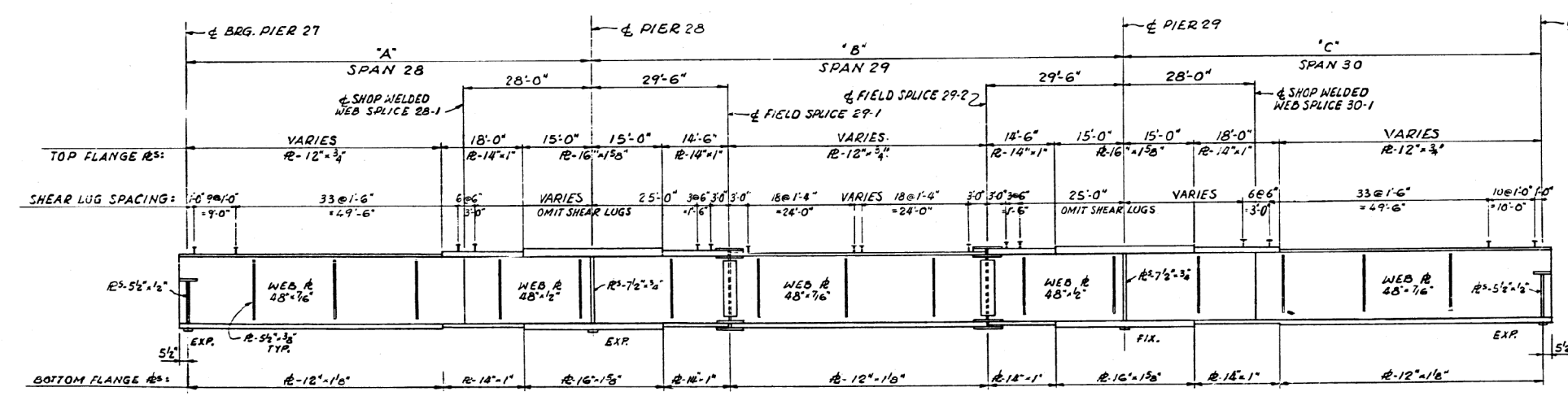
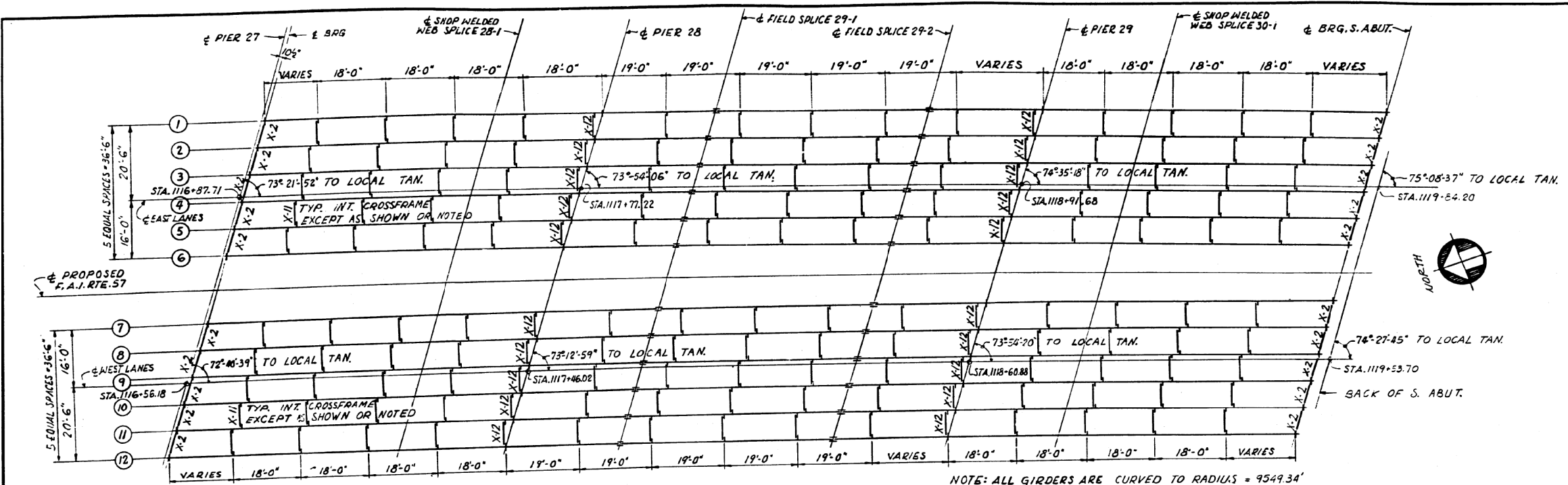
GIRDER	LOCATION	BRG. PIER 23	SPICE 24-1	PIER 24	SPICE 25-1	SPICE 25-2	PIER 25	SPICE 26-1	SPICE 26-2	PIER 26	SPICE 27-1	BRG. PIER 27
G1		353.749	352.393	351.885	351.240	350.330	349.871	349.412	348.410	347.613	346.985	345.245
G2		353.667	352.315	351.808	351.164	350.256	349.798	349.340	348.339	347.544	346.916	345.179
G3		353.586	352.237	351.731	351.089	350.182	349.725	349.268	348.268	347.474	346.848	345.112
G4		353.505	352.158	351.654	351.013	350.108	349.652	349.195	348.198	347.405	346.779	345.046
G5		353.423	352.080	351.577	350.937	350.034	349.577	349.123	348.127	347.335	346.711	344.980
G6		353.341	352.001	351.500	350.861	349.960	349.506	349.051	348.056	347.266	346.642	344.914
G7		353.643	352.314	351.819	351.189	350.290	349.840	349.390	348.397	347.614	346.996	345.273
G8		353.562	352.237	351.742	351.114	350.217	349.768	349.319	348.328	347.546	346.929	345.208
G9		353.481	352.159	351.666	351.039	350.144	349.696	349.248	348.259	347.478	346.862	345.144
G10		353.400	352.081	351.590	350.964	350.071	349.624	349.177	348.189	347.410	346.795	345.079
G11		353.318	352.004	351.513	350.889	349.998	349.552	349.106	348.120	347.342	346.727	345.015
G12		353.237	351.926	351.437	350.814	349.926	349.480	349.034	348.050	347.274	346.660	344.950

FOR INFORMATION ONLY

FRAMING PLAN-SPANS 24, 25, 26 & 27
F.A.I. RTE. 57 OVER S.B.I. RTE. 150.
EXIST. RTE. 3.G.M.E.O.R.R. LEVEE & M.P.R.R.
PROJECT IG 57-1 (9:) 1
F.A.I. RTE. 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089 + 73.00 TO STA. 1119 + 69.00

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 S. WABASH AVE. CHICAGO, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	66
STA.	TO STA.			
I.L.P. REG. NO. 4 ILLINOIS PROJECT				



FILLET WELD TABLE

FLANGE R THICKNESS	WELD SIZE
3/4"	4
1", 1 1/8"	5/16
1 5/8"	3/8

GIRDERS DIMENSIONS (SEE ELEVATION)

GIRDER	A	B	C
G1	88'-7"	114'-5 5/8"	89'-6 1/2"
G2	88'-7 1/8"	114'-5 1/2"	89'-6 1/8"
G3	88'-7 1/4"	114'-5 1/4"	89'-6 1/4"
G4	88'-7 3/8"	114'-5 1/8"	89'-6 3/8"
G5	88'-7 1/2"	114'-5 1/4"	89'-6 3/8"
G6	88'-7 5/8"	114'-5 3/4"	89'-6 7/8"
G7	88'-10 3/8"	114'-10 3/8"	89'-9 1/8"
G8	88'-10 3/8"	114'-10 3/8"	89'-9 1/8"
G9	88'-11"	114'-10 3/8"	89'-9 1/8"
G10	88'-11 1/8"	114'-10 3/8"	89'-9 7/8"
G11	88'-11 1/4"	114'-10 3/8"	89'-9 3/4"
G12	88'-11 3/8"	114'-10 3/8"	89'-10"

TOP OF WEB ELEVATIONS. (FOR FABRICATION ONLY - UNDEFLECTED GIRDERS)

GIRDER	LOCATION	BRG. PIER 27	SPICE 28-1	PIER 28	SPICE 29-1	SPICE 29-2	PIER 29	SPICE 30-1	BRG. S. ABUT.
G1		345.196	343.510	342.865	342.188	341.078	340.574	340.098	339.558
G2		345.130	343.438	342.790	342.108	340.991	340.484	340.005	339.258
G3		345.064	343.367	342.715	342.029	340.906	340.395	339.912	339.158
G4		344.998	343.295	342.640	341.951	340.820	340.306	339.819	339.058
G5		344.931	343.225	342.565	341.872	340.734	340.217	339.727	338.958
G6		344.865	343.154	342.491	341.794	340.649	340.128	339.635	338.859
G7		345.225	343.484	342.799	342.081	340.892	340.354	339.846	339.039
G8		345.160	343.417	342.729	342.007	340.810	340.268	339.757	338.942
G9		345.096	343.352	342.659	341.933	340.729	340.183	339.668	338.845
G10		345.031	343.286	342.589	341.859	340.647	340.098	339.579	338.749
G11		344.967	343.221	342.520	341.786	340.566	340.013	339.491	338.652
G12		344.902	343.156	342.451	341.713	340.486	339.928	339.402	338.556

FOR INFORMATION ONLY

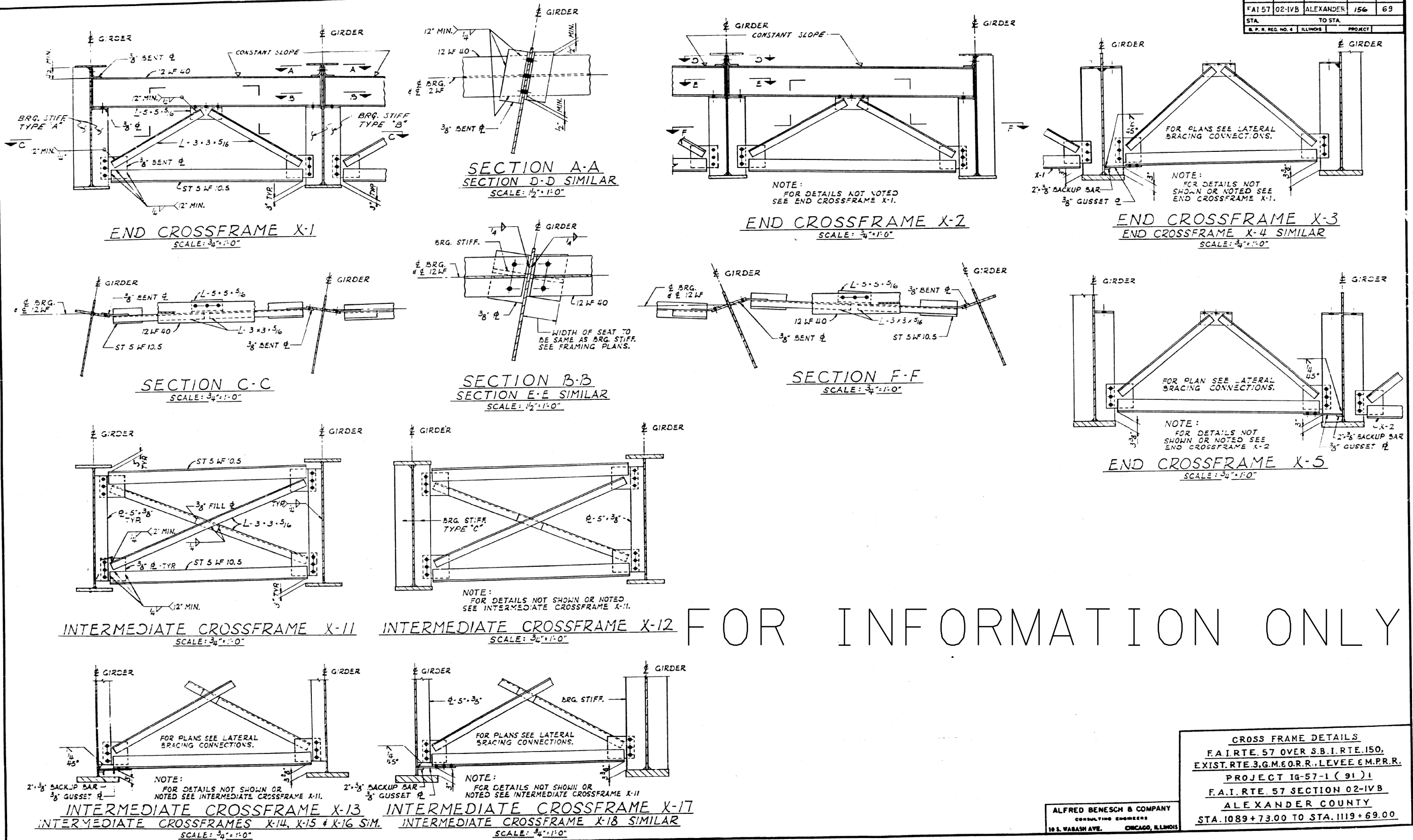
FRAMING PLAN-SPANS 28, 29 & 30
F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
EXIST. RTE. 3.G.M.E.O.R.R.-LEVEE & M.P.R.R.
PROJECT IG-57-1 (91) I
F.A.I. RTE. 57 SECTION 02-IV B
ALEXANDER COUNTY
STA. 1089 + 73.00 TO STA. 1119 + 69.00

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
18 S. WABASH AVE. CHICAGO, ILLINOIS

ALEXANDER/JOHNSON

USER NAME = WILSONDA	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 002-0023/ 002-0024	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - DW	REVISED -	57/24			D9 BRIDGE PAINT 2019-2	ALEXANDER	28	16	
CHECKED - MS	REVISED -	CONTRACT NO. 78678							
PLOT SCALE = 100.0000" / in.	DATE - 07/24/18	REVISED -	SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -							

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	69
STA.		TO STA.		
E. P. R. REG. NO. 4		ILLINOIS	PROJECT	



CROSS FRAME DETAILS
 F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
 EXIST. RTE. 3, G.M. 60 R.R., LEVEE & M.P.R.R.
 PROJECT IG-57-1 (91) 1
 F.A.I. RTE. 57 SECTION 02-IVB
 ALEXANDER COUNTY
 STA. 1089 + 73.00 TO STA. 1119 + 69.00

ALFRED BENESCH & COMPANY
 CONSULTING ENGINEERS
 10 S. WABASH AVE. CHICAGO, ILLINOIS

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 9/27/2019	CHECKED - MS	REVISED -
	DATE - 07/24/18	REVISED -

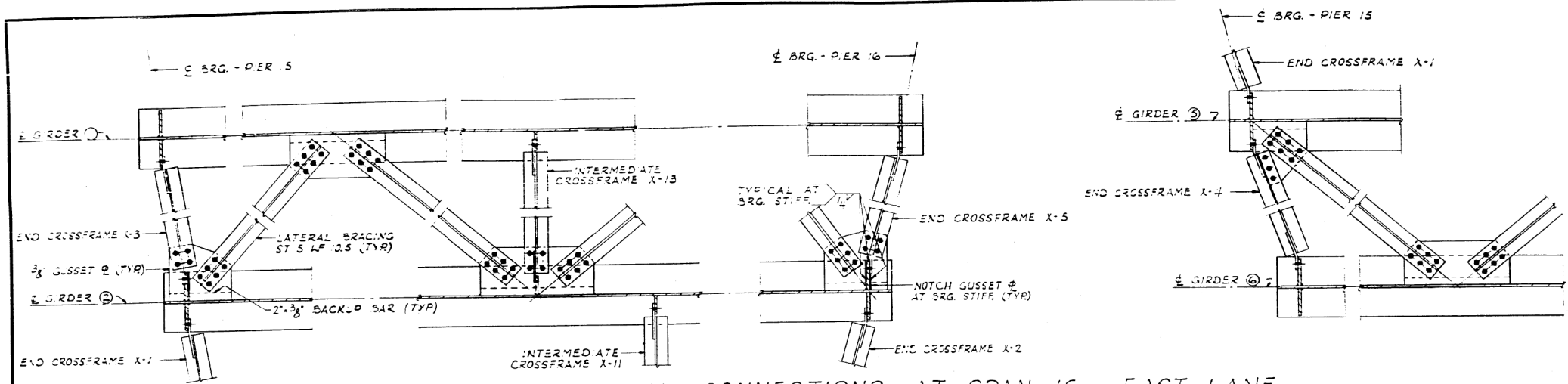
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 002-0023/ 002-0024

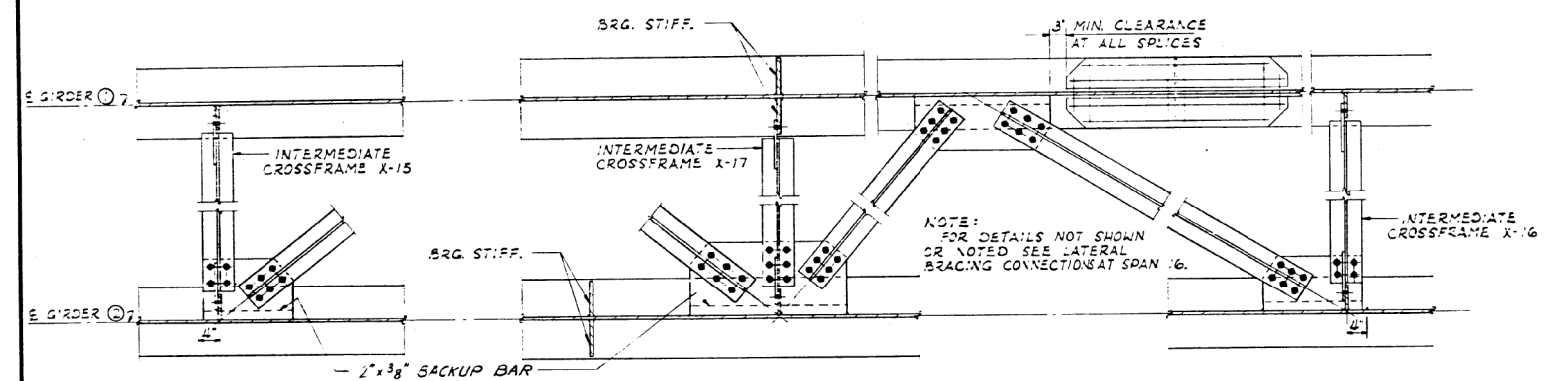
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	17
				CONTRACT NO. 78678
		ILLINOIS	FED. AID PROJECT	

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	70
STA.		TO STA.		
S. P. R. REG. NO. 4		ILLINOIS		PROJECT



LATERAL BRACING CONNECTIONS AT SPAN 16 - EAST LANE
SCALE: 3/4" = 1'-0"

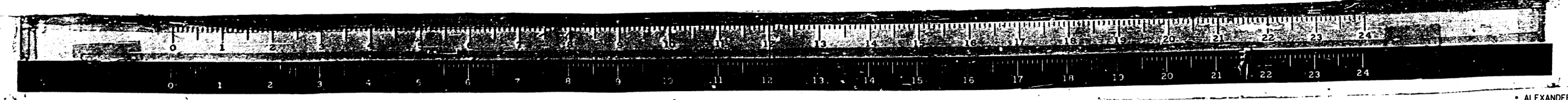


LATERAL BRACING CONNECTIONS AT SPANS 17, 18 AND 19
SCALE: 3/4" = 1'-0"

FOR INFORMATION ONLY

LATERAL BRACING
F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
EXIST. RTE. 3, G.M.E.O.R.R. LEVEE E.M.P.R.R.
PROJECT IG-57-1 (91) 1
F.A.I. RTE. 57 SECTION 02-IVB
ALEXANDER COUNTY
STA. 1089+73.00 TO STA. 1119+69.00

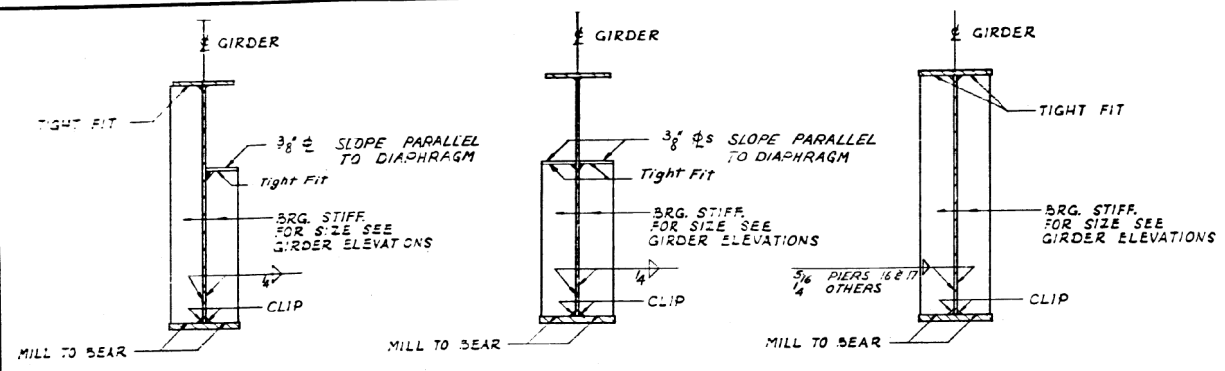
ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 S. WABASH AVE., CHICAGO, ILLINOIS



USER NAME = WILSONDA	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 002-0023/ 002-0024				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -						57/24	D9 BRIDGE PAINT 2019-2		28	18
PLOT DATE = 9/27/2019	CHECKED - MS	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78678		
	DATE - 07/24/18	REVISED -								ILLINOIS FED. AID PROJECT		

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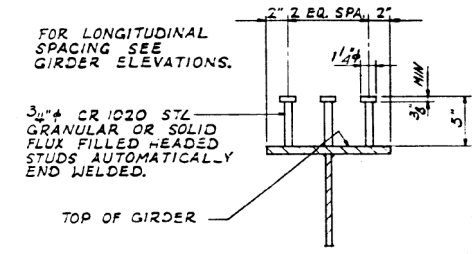
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	02-IVB	ALEXANDER	156	71
STA.	TO STA.			
B. P. R. REG. NO. 4	ILLINOIS	PROJECT		



TYPE 'A' TYPE 'B' TYPE 'C'

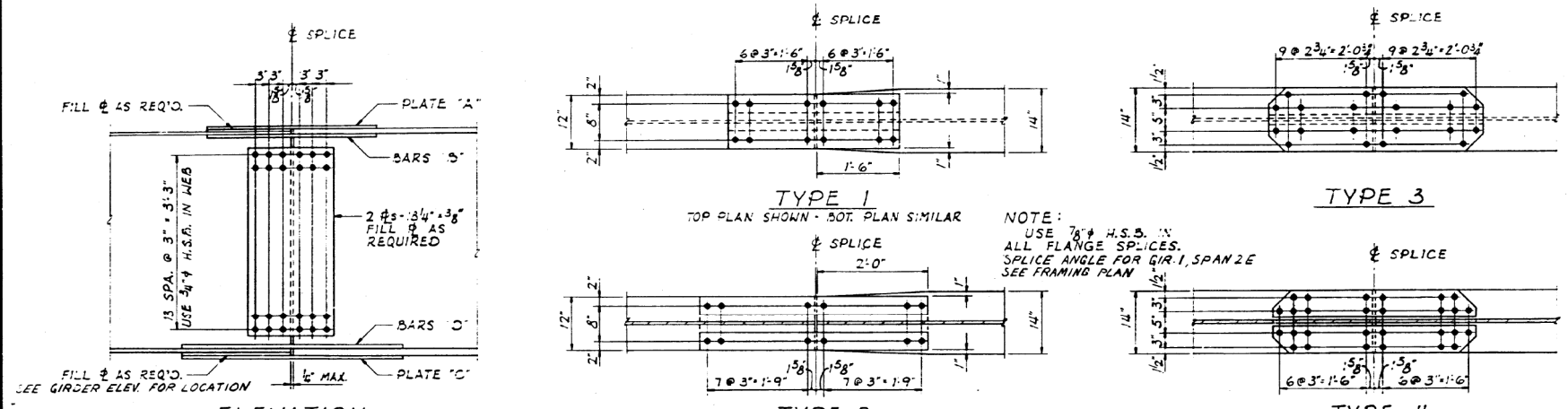
BEARING STIFFENERS

SCALE: 3/4" = 1'-0"



SHEAR CONNECTOR DETAIL

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

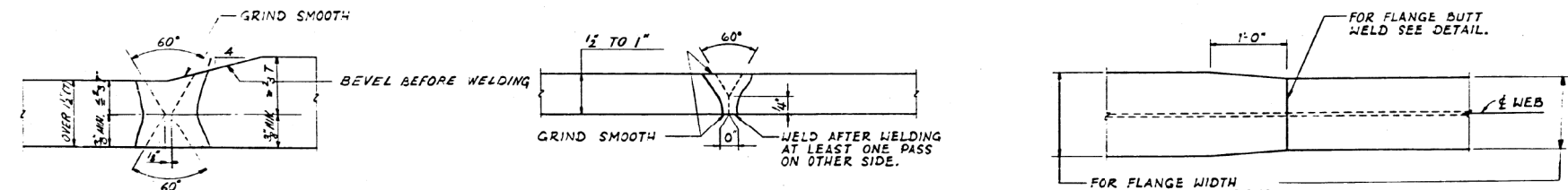


DETAILS OF FIELD SPLICES

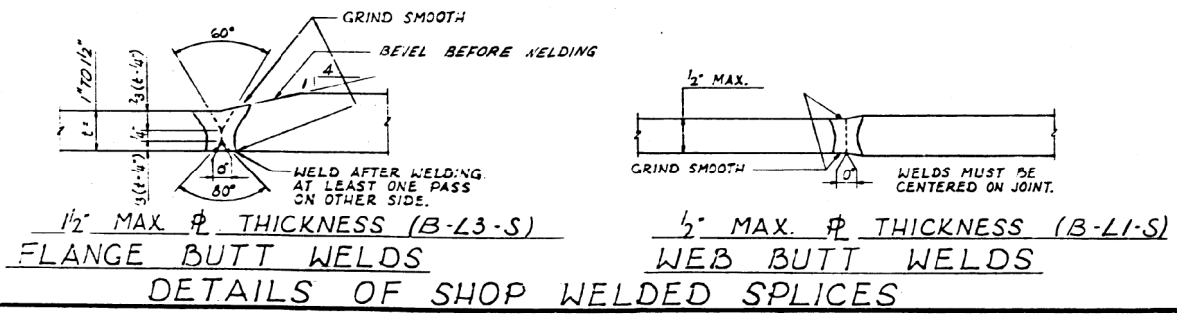
SCALE: 3/4" = 1'-0"

SCHEDULE OF FIELD SPLICES

SPLICE	TOP FLANGE		BOTTOM FLANGE	
	TYPE	PLATE 'A' BARS 'B'	TYPE	PLATE 'C' BARS 'D'
2-1, 2-2, 5-1, 6-2, 9-1, 10-2, 13-1, 14-2, 21-1, 22-2, 25-1, 26-2.	1	2-12" x 3/8" 2 BARS-4" x 5/8"	1	2-12" x 7/8" 2 BARS-4" x 3/4"
29-1, 29-2.	1	2-12" x 3/8" 2 BARS-4" x 5/8"	2	2-12" x 5/8" 2 BARS-4" x 7/8"
17-1, 18-1, 18-2, 19-1.	3	2-14" x 7/8" 2 BARS-6" x 3/4"	4	2-14" x 5/16" 2 BARS-6" x 1/8"



FLANGE TRANSITION DETAIL

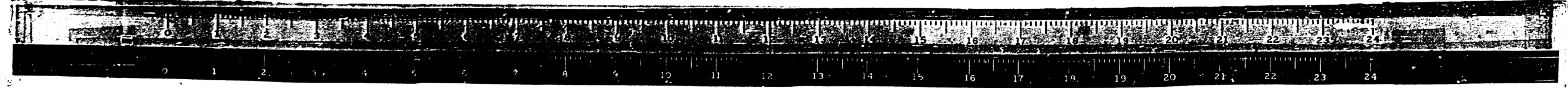


DETAILS OF SHOP WELDED SPLICES

FOR INFORMATION ONLY

STEEL DETAILS (STIFF. & SPLICES)
 F.A.I. RTE. 57 OVER S.B.I. RTE. 150,
 EXIST. RTE. 3, G.M. 60 R.R., LEVEE, E.M.P.R.R.
 PROJECT IG-57-1 (91) 1
 F.A.I. RTE. 57 SECTION 02-IVB
 ALEXANDER COUNTY
 STA. 1089+73.00 TO STA. 1119+69.00

ALFRED BENESCH & COMPANY
 CONSULTING ENGINEERS
 10 S. WABASH AVE. CHICAGO, ILLINOIS



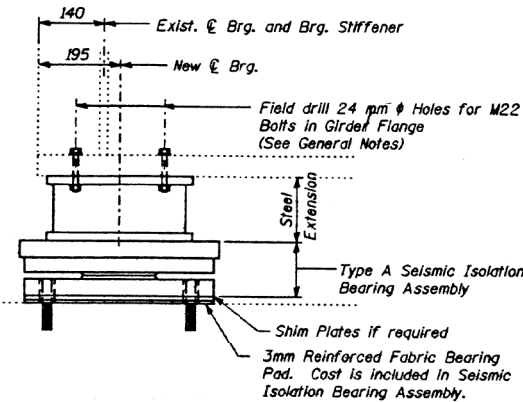
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DRAWN - DW	REVISED -	57/24			D9 BRIDGE PAINT 2019-2		28	19		
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -			CONTRACT NO. 78678					
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -			ILLINOIS FED. AID PROJECT					

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 PLOT DATE: 9/27/2019

• ALEXANDER/JOHNSON

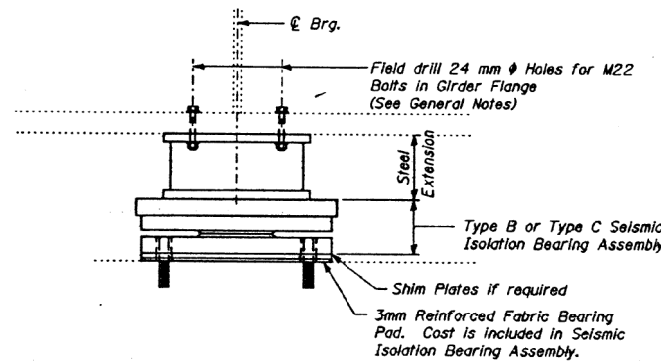
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	DATE	SHEET NO.
F.A.I. 57	D9-BRIDGE	ALEXANDER	36	14
12 SHEETS				



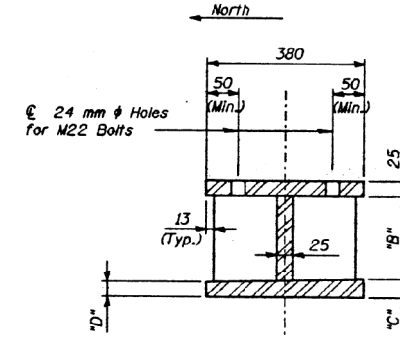
ELEVATION

(Typ. of N. Abut. & S. Abut., Piers 3N & 3S, 7N & 7S, 11N & 11S, 15N & 15S, 16N & 16S, 19N & 19S, 23N & 23S and 27N & 27S)

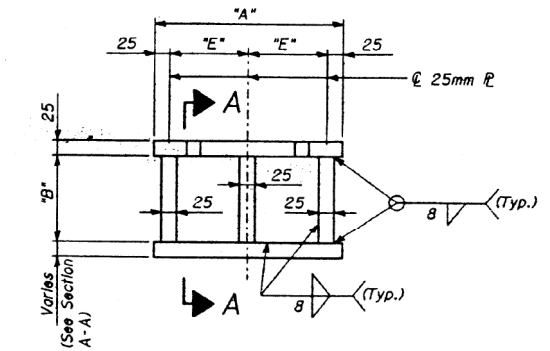


ELEVATION

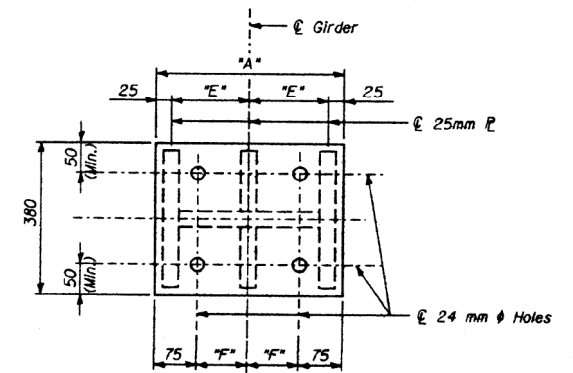
(Typ. of Piers 1, 2, 4, 5, 6, 8, 9, 10, 12, 13, 14, 17, 18, 20, 21, 22, 24, 25, 26, 28 and 29)



SECTION A-A



ELEVATION-STEEL EXTENSION



PLAN-STEEL EXTENSION

TABLE OF DIMENSIONS

Location	S.N. 002-0023 (Northbound)						S.N. 002-0024 (Southbound)					
	A (mm)	*B* (mm)	*C* (mm)	*D* (mm)	*E* (mm)	*F* (mm)	*A* (mm)	*B* (mm)	*C* (mm)	*D* (mm)	*E* (mm)	*F* (mm)
N. Abut.	356	134	35	25	153	103	356	134	35	25	153	103
Pier 1	356	124	35	25	153	103	356	124	35	25	153	103
Pier 2	356	132	37	25	153	103	356	132	37	25	153	103
Pier 3N	356	130	37	25	153	103	356	130	37	25	153	103
Pier 3S	356	130	37	25	153	103	356	130	37	25	153	103
Pier 4	356	132	37	25	153	103	356	136	37	25	153	103
Pier 5	356	124	35	25	153	103	356	124	35	25	153	103
Pier 6	356	133	35	25	153	103	356	137	35	25	153	103
Pier 7N	356	131	35	25	153	103	356	131	35	25	153	103
Pier 7S	356	129	33	25	153	103	356	129	33	25	153	103
Pier 8	406	138	33	25	178	128	406	138	33	25	178	128
Pier 9	304	119	25	25	127	77	304	119	25	25	127	77
Pier 10	406	142	25	25	178	128	406	142	25	25	178	128
Pier 11N	356	133	25	25	153	103	356	133	25	25	153	103
Pier 11S	356	133	25	25	153	103	356	133	25	25	153	103
Pier 12	406	142	25	25	178	128	406	142	25	25	178	128
Pier 13	304	119	25	25	127	77	304	119	25	25	127	77
Pier 14	406	142	25	25	178	128	406	142	25	25	178	128
Pier 15N	356	133	25	25	153	103	356	133	25	25	153	103
Pier 15S	406	142	25	25	178	128	356	129	25	25	153	103
Pier 16N	406	133	25	25	178	128	356	120	25	25	153	103
Pier 16S	356	129	25	25	153	103	356	129	25	25	153	103
Pier 17	406	129	25	25	178	128	406	129	25	25	178	128
Pier 18	406	155	25	25	178	128	406	155	25	25	178	128
Pier 19N	356	129	25	25	153	103	356	129	25	25	153	103
Pier 19S	356	133	25	25	153	103	356	133	25	25	153	103
Pier 20	406	142	25	25	178	128	406	142	25	25	178	128
Pier 21	304	119	25	25	127	77	304	119	25	25	127	77
Pier 22	406	142	25	25	178	128	406	142	25	25	178	128
Pier 23S	356	133	25	25	153	103	356	133	25	25	153	103
Pier 24	406	142	25	25	178	128	406	142	25	25	178	128
Pier 25	304	115	25	33	127	77	304	115	25	33	127	77
Pier 26	406	138	25	33	178	128	406	138	25	33	178	128
Pier 27N	356	128	25	35	153	103	356	128	25	35	153	103
Pier 27S	304	124	25	35	127	77	304	124	25	35	127	77
Pier 28	406	137	25	35	178	128	406	137	25	35	178	128
Pier 29	406	129	25	25	178	128	406	129	25	25	178	128
S. Abut.	304	129	25	25	127	77	304	129	25	25	127	77

NOTES

Cross frame removal and reinforcement may be required to facilitate grouting boxes. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".

Where applicable, adjust location of bolts connecting steel extension to girder as necessary to avoid conflict with lower lateral bracing.

Quantity for "Furnishing and Erecting Structural Steel" includes plates for steel extensions, high strength bolts, anchor bolts, washers and shim plates.

Note: This drawing is not to scale. Follow dimensions.

BILL OF MATERIAL

ITEM	UNIT	S.N. 002-0023	S.N. 002-0024	TOTAL
Furnishing and Erecting Structural Steel	kg	28940	29920	58860

STEEL EXTENSION AND BEARING DETAILS
F.A.I. 57 SECTION (02-1VB)
ALEXANDER COUNTY
STA. 33+214.97 TO STA. 34+128.15

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 002-0023/ 002-0024

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 9/27/2019	CHECKED - MS	REVISED -
	DATE - 07/24/18	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	20
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

ALEXANDER/JOHNSON

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57 (B2-IVB)	ALEXANDER	36	15	12 SHEETS

TABLE OF DIMENSIONS

(All dimensions are in millimeters (mm))

Type	Location	Bearing Height H	Polyether Urethane Disk Element		Sole Plate			Masonry Plate			Anchor Bolts	
			Dia. DU	Thick. TU	Length C	Width D	Thickness T	Length A	Width B	Thickness TM	No. of bolts	Edge Dist. ET
A	**	170±6	149	22	502	502	25	381	787	32	4	50 50
B	**	196±6	203	32	610	610	32	610	889	38	4	50 50
C	**	189±6	229	32	635	635	32	635	914	38	4	50 50

** See Isolation Bearing Schedule, Sheet 9 of 12, for bearing type locations.

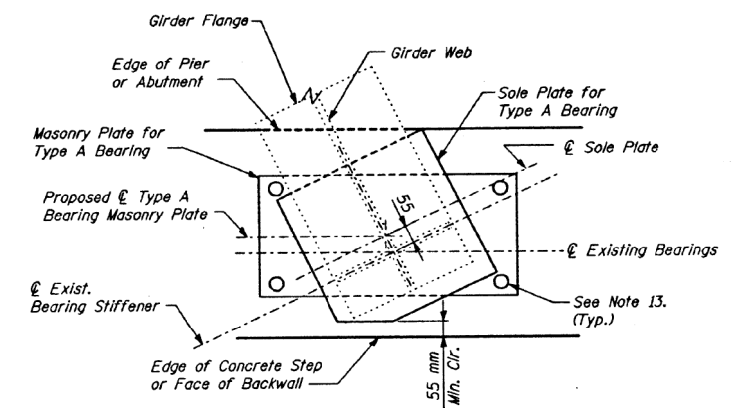
*Minimum. See Note 13.

REVISED
PLAN SHEETS

NOTES:

- Sole plate of seismic isolation bearings shall be oriented along existing girder except as otherwise shown in Bearing Orientation Details, Sheet 9 of 12.
- All steel plates of bearing assembly shall conform to AASHTO M 270M Grade 345 except as noted, and shall be of domestic origin.
- All steel plates of bearing assembly shall conform to the flatness requirements of the Special Provisions.
- The polyether urethane disk element shall be in accordance with the Special Provisions and shall be roughed.
- PTFE is to be virgin, and etched on one side for bonding onto machined recess. The maximum thermal coefficient of friction shall not exceed 3% at 24MPa.
- The stainless steel sheet shall conform to ASTM-A240, Type 304, shall be 12 gauge, and shall receive a bright mirror finish per the Special Provisions.
- All welding shall be performed in accordance with ANSI/AASHTO/AWS D1.5-95 Bridge Welding Code.
- All mill scale shall be removed from bearing plates via abrasive blasting in accordance with SSPC-SP10. The plate surfaces above and below the polyether urethane disk shall be abrasive blasted to a near white condition, as defined in SSPC-SP10, to a diameter of 13 mm greater than the polyether urethane disk diameter.
- Clean and paint all exposed steel surfaces in accordance with project specifications. The finish coat color shall be per the General Notes on sheet 3 of 12.
- Bearings to be centered on pedestals and beams at a temperature range of -7°C to 21°C.
- Welding to bearing plates after assembly may be permitted provided welding procedures are established which restrict the maximum temperature reached in the polyurethane and PTFE areas to less than 107°C as determined by temperature indicating wax pencils or other suitable means. Field welding of bearings shall be performed under the no-load condition. After welding is complete paint must be touched up in accordance with approved paint system along with any exposed steel.
- Contractor is to adjust bearing seat elevations to accommodate finished bearing height.
- Edge distances shown are minimum distances required. Adjust anchor bolt locations, as required, to clear existing reinforcement in pier cap and provide clearance to permit movement of upper bearing unit. Isolation bearing shop drawings shall indicate the exact locations of anchor bolts and include provisions made by the Contractor to ensure that the anchor bolts will not interfere with existing reinforcement.
- The Contractor may submit to the Engineer, for approval, details for proposed alternate methods of connecting the isolation bearing assemblies to the steel extensions and/or connecting the steel extensions to the existing girders which may include using the existing top bearing plate in-place. The Contractor will not be permitted to deviate from the details shown in the plans without the written approval of the Engineer.

Note: This drawing is not to scale. Follow dimensions.



PLAN VIEW - TYPE A ISOLATION BEARING

Type A bearings may require one corner to be clipped to provide minimum clearance from backwall or adjacent step in pier cap. Type A Bearings shall be positioned 55 mm from existing bearing centerlines (along girder web) as shown.

TABLE OF SEISMIC ISOLATION BEARING CHARACTERISTICS ***

Type	d _{max} (mm)	K _{eff} (kN/mm)	K _r (kN/mm)	EDC (MN-mm)
A				
B				
C				

*** Bearing characteristics for the final design bearings to be provided by the Contractor. Contractor is required to perform and submit results of analysis demonstrating compliance with performance requirements. (See Special Provisions)

d_{max} = Maximum bearing displacement
K_{eff} = Effective stiffness
K_r = Post-elastic stiffness
EDC = Energy dissipated per cycle (Area of hysteresis loop)

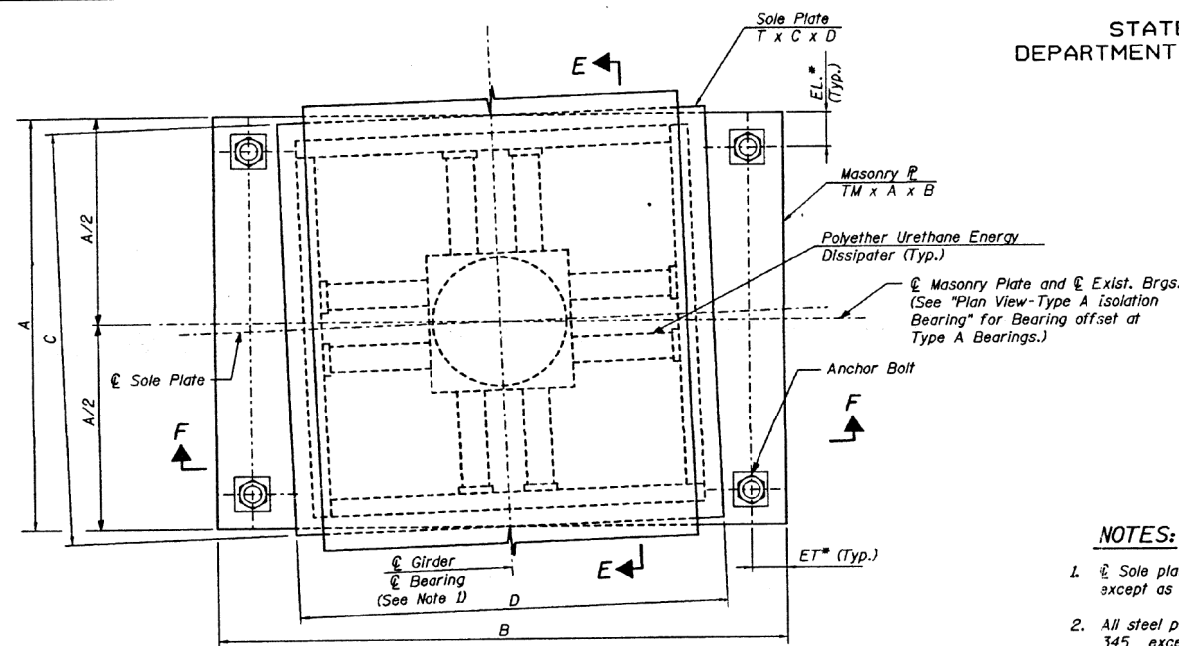
SEISMIC ISOLATION BEARING DETAILS

F.A.I. 57 SECTION (02-IVB)

ALEXANDER COUNTY

STA. 33+214.97 TO STA. 34+128.15

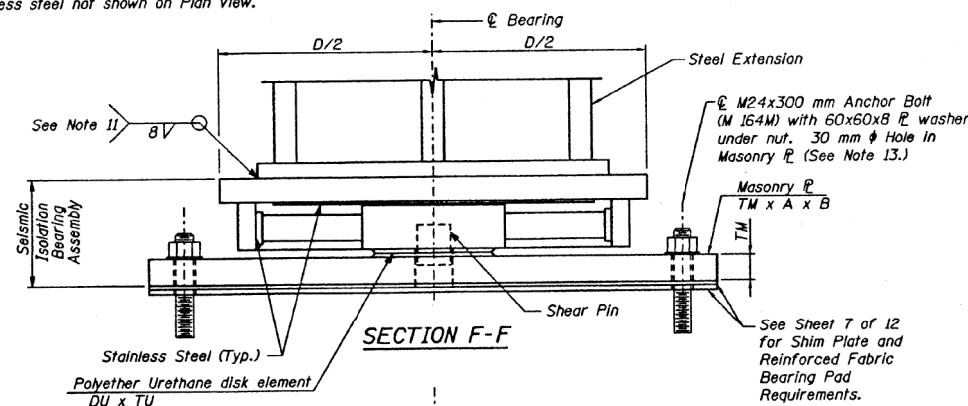
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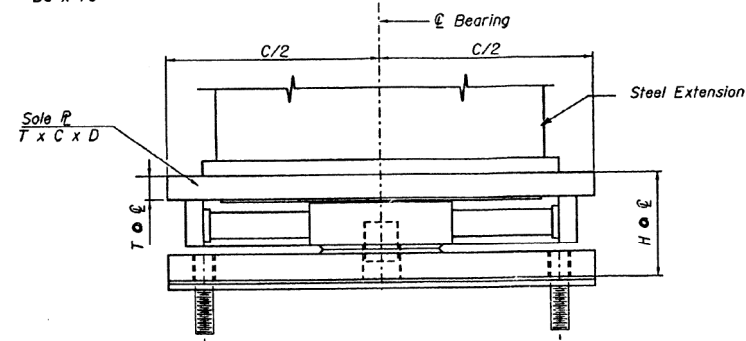
PLAN VIEW - SEISMIC ISOLATION BEARING

See Table for bearing dimensions

Note:
For clarity, steel extension, PTFE and stainless steel not shown on Plan View.



SECTION F-F



SECTION E-E

MO:ELI - Defaul
FILE:MALE: p:\pub\arcom\del_illinois\p02-ivb\DOT\Documents\DOT_Offices\Drawings\02-IVB\02-IVB-Sheets.dwg
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DESIGNED: DW
DRAWN: DW
CHECKED: MS
DATE: 07/24/18

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 9/27/2019	CHECKED - MS	REVISED -
	DATE - 07/24/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 002-0023/ 002-0024

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2	ALEXANDER	28	21
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ALEXANDER/JOHNSON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA157	02-IVB	ALEXANDER	156	72
STA. TO STA.		PROJECT		
E.P. & REG. NO. 4		ILLINOIS		

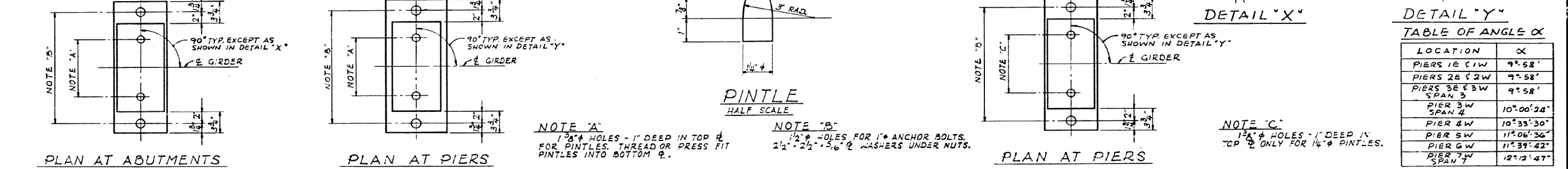
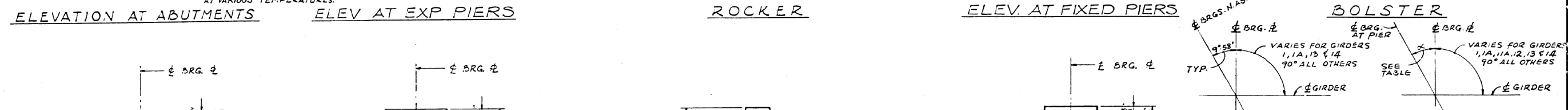
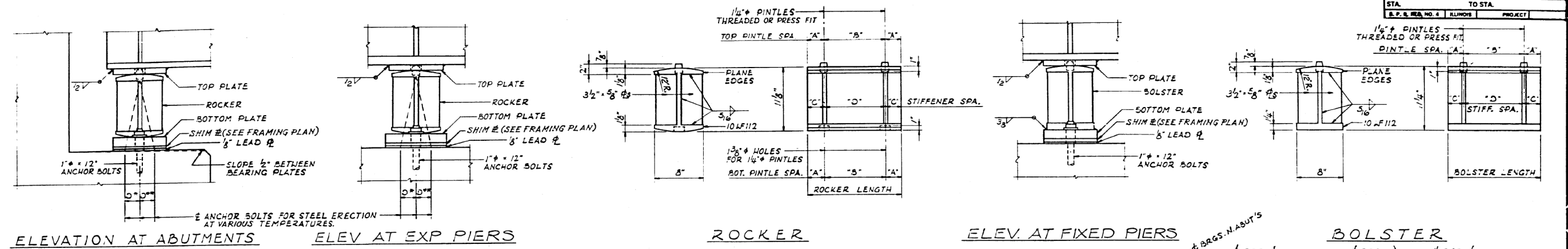


TABLE OF ANGLE α

LOCATION	α
PIERS 1E & 1W	9°-58'
PIERS 2E & 2W	9°-58'
PIERS 3E & 3W SPAN 3	9°-58'
PIER 3W SPAN 4	10°-00'-24"
PIER 4W	10°-33'-30"
PIER 5W	11°-06'-36"
PIER 6W	11°-39'-42"
PIER 7W SPAN 7	12°-12'-47"

TYPICAL DETAILS OF EXPANSION BEARINGS SCALE: 1/2" = 1'-0"

TYPICAL DETAILS OF FIXED BEARINGS SCALE: 1/2" = 1'-0"

LOCATION	SPAN	TYPE	TOP PLATE	ROCKER OR BOLSTER LENGTH	PINTLE SPA.				BOTTOM PLATE
					"A"	"B"	"C"	"D"	
N. ABUT. E & W	-	EXR	9' x 13 1/2" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 1E & 1W	-	FIX.	9' x 2" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 11 1/2" x 1'-11"
PIERS 2E & 2W	-	EXR	9' x 13 1/2" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	10' x 2 1/4" x 1'-11"
PIERS 3E & 3W	3	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 4E & 4W	4	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 5E & 5W	-	EXR	9' x 13 1/2" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	10' x 2 1/4" x 1'-11"
PIERS 6E & 6W	-	FIX.	9' x 2" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 11 1/2" x 1'-11"
PIERS 7E & 7W	7	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 8E & 8W	8	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 9E & 9W	-	EXR	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
PIERS 10E & 10W	-	FIX.	9' x 15 1/2" x 1'-2"	1'-2"	3 3/4"	6 1/2"	3 3/4"	2 @ 5"	9' x 11 1/2" x 1'-9 1/2"
PIERS 11E & 11W	11	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 12E & 12W	12	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 13E & 13W	-	EXR	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
PIERS 14E & 14W	-	FIX.	9' x 15 1/2" x 1'-2"	1'-2"	3 3/4"	6 1/2"	3 3/4"	2 @ 5"	9' x 11 1/2" x 1'-9 1/2"
PIERS 15E	15	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 16E	16	EXR	9' x 13 1/2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	9' x 13 1/2" x 2'-1"
PIERS 17E	17	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 18E	18	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 19E	19	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 20E	20	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 21E	21	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 22E	22	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 23E	23	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 24E	24	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 25E	25	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 26E	26	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 27E	27	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 28E	28	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 29E	29	EXR	9' x 14" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
S. ABUT. E & W	-	EXR	9' x 1" x 1'-1 1/2"	1'-1 1/2"	3 1/2"	6 1/2"	3 1/2"	2 @ 5"	9' x 15 1/2" x 1'-9"

LOCATION	SPAN	TYPE	TOP PLATE	ROCKER OR BOLSTER LENGTH	PINTLE SPA.				BOTTOM PLATE
					"A"	"B"	"C"	"D"	
PIER 16E	16	FIX.	9' x 13 1/2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	10"	2 3/4"	2 @ 6"	9' x 14" x 2'-1"
PIER 16W	17	EXR	9' x 1" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 17E & 17W	-	FIX.	9' x 1" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 18E & 18W	-	EXR	9' x 13 1/2" x 1'-9 1/2"	1'-9 1/2"	3 3/4"	1'-2"	3 3/4"	2 @ 7"	12' x 2 1/2" x 2'-5"
PIERS 19E & 19W	19	EXR	9' x 1" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 20E & 20W	20	EXR	9' x 18" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 21E & 21W	-	FIX.	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
PIERS 22E & 22W	-	EXR	9' x 15 1/2" x 1'-2"	1'-2"	3 3/4"	6 1/2"	3 3/4"	2 @ 5"	9' x 11 1/2" x 1'-9 1/2"
PIERS 23E & 23W	23	EXR	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
PIERS 24E & 24W	24	EXR	9' x 18" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 25E & 25W	-	EXR	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
PIERS 26E & 26W	-	EXR	9' x 15 1/2" x 1'-2"	1'-2"	3 3/4"	6 1/2"	3 3/4"	2 @ 5"	9' x 11 1/2" x 1'-9 1/2"
PIERS 27E & 27W	27	EXR	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
PIERS 28E & 28W	28	EXR	9' x 18" x 1'-3 1/2"	1'-3 1/2"	2 3/4"	10"	2 3/4"	2 @ 5"	9' x 15 1/2" x 1'-11"
PIERS 29E & 29W	29	EXR	9' x 1" x 1'-1 1/2"	1'-1 1/2"	3 1/2"	6 1/2"	3 1/2"	2 @ 5"	9' x 15 1/2" x 1'-9"
S. ABUT. E & W	-	EXR	9' x 2" x 1'-5 1/2"	1'-5 1/2"	2 3/4"	1'-0"	2 3/4"	2 @ 6"	10' x 2 1/2" x 2'-1"
S. ABUT. E & W	-	EXR	9' x 1" x 1'-1 1/2"	1'-1 1/2"	3 1/2"	6 1/2"	3 1/2"	2 @ 5"	9' x 15 1/2" x 1'-9"

NOTES ON SETTING OF ANCHOR BOLTS AT EXPANSION BEARINGS

a. D* (SIDE OF BEARING AWAY FROM FIXED BEARING)
D* = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° FALL BELOW THE NORMAL TEMP. OF 50° F.

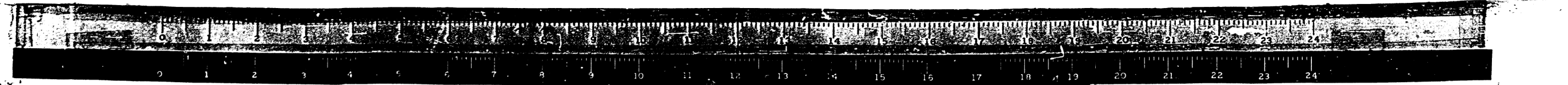
b. D** (SIDE OF BEARING TOWARD FIXED BEARING)
D** = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° RISE ABOVE THE NORMAL TEMP. OF 50° F.

c. AFTER BEAMS HAVE BEEN ERRECTED AND DIMENSIONS D* OR D** DETERMINED, HOLES SHALL BE DRILLED AND ANCHOR BOLTS SHALL BE GROUTED IN PLACE. ALL FIXED ANCHOR BOLTS MAY BE BUILT INTO THE MASONRY.

FOR INFORMATION ONLY

BEARING DETAILS
 F.A.I.R.T.E. 57 OVER S.B.I.R.T.E. 150,
 EXIST. RT. 3.G.M. 60.R. LEVEE E.M.P.R.R.
 PROJECT IG-57-1 (91)1
 F.A.I. RTE. 57 SECTION 02-IVB
 ALEXANDER COUNTY
 STA. 1089+73.00 TO STA. 1119+69.00

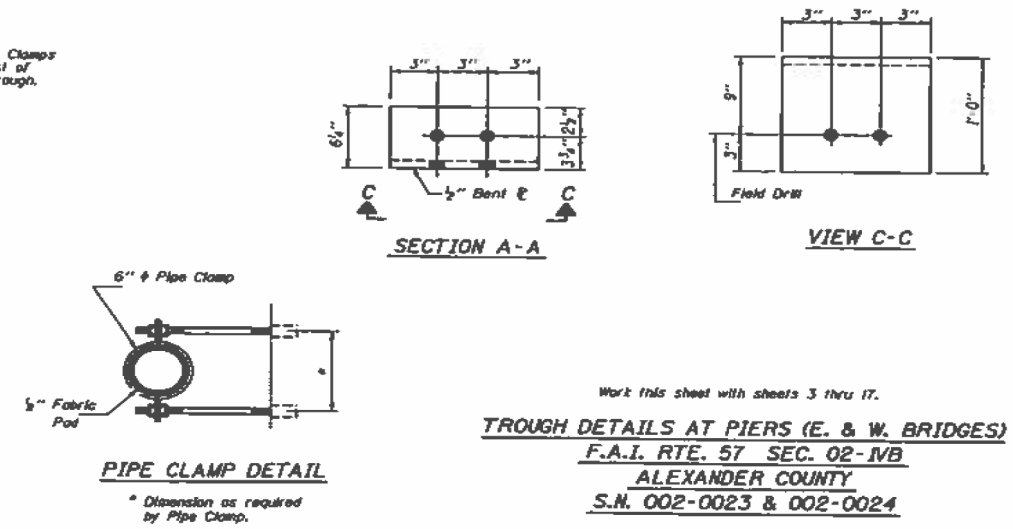
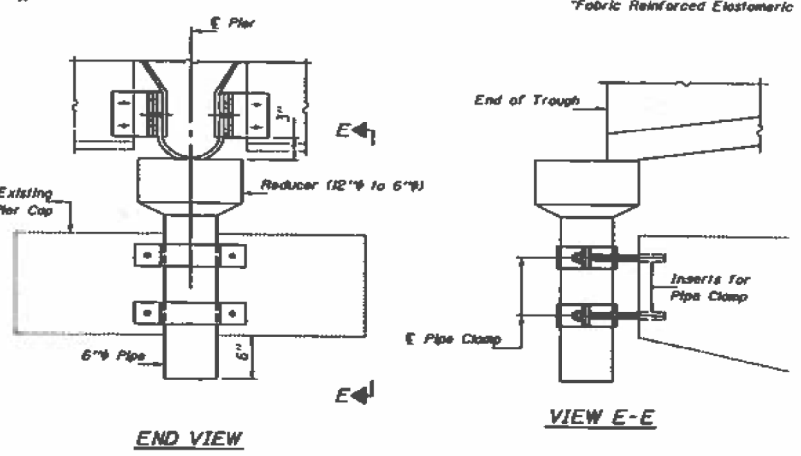
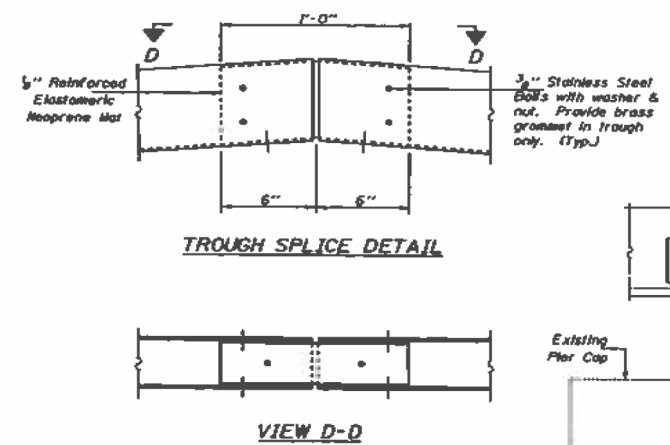
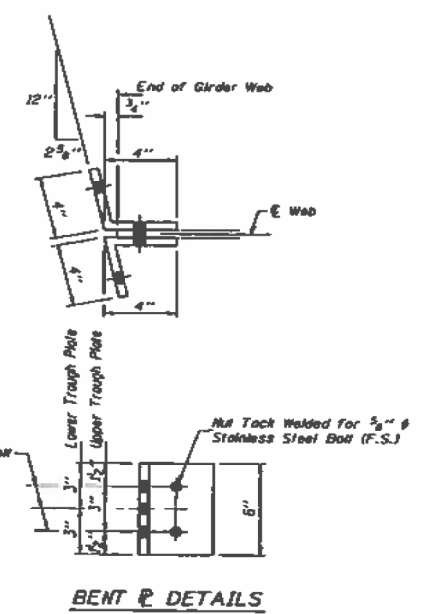
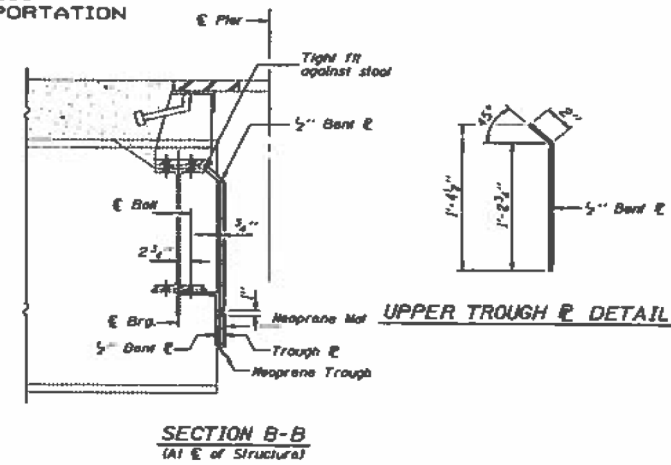
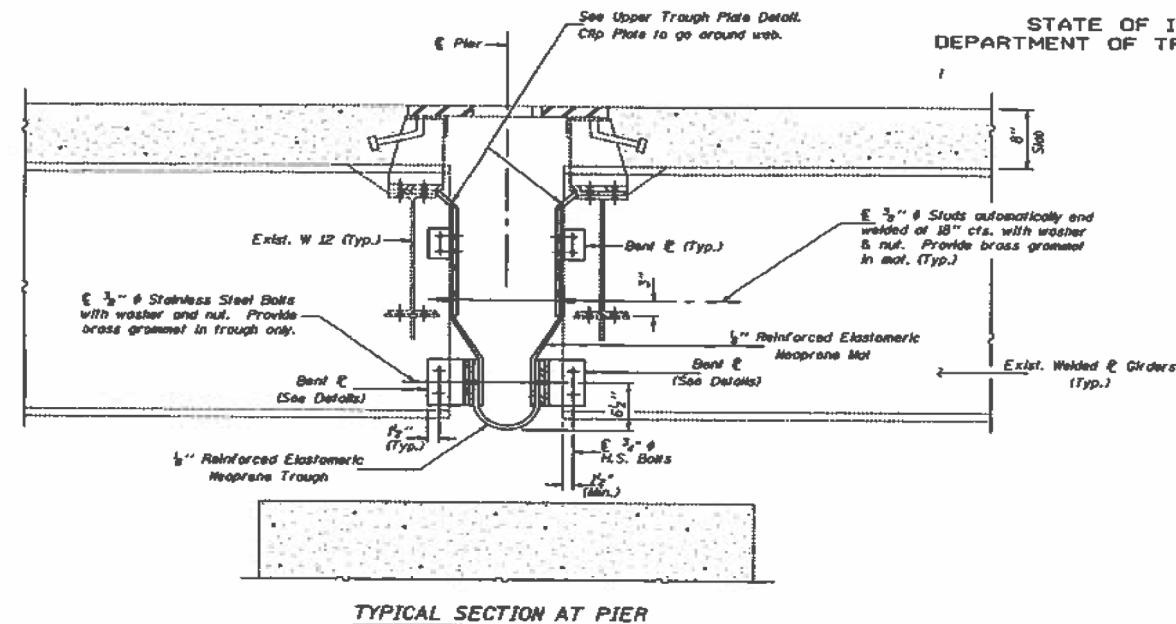
ALFRED BENESCH & COMPANY
 CONSULTING ENGINEERS
 10 S. WABASH AVE. CHICAGO, ILLINOIS



USER NAME = WILSONDA	DESIGNED - DW	REVISED -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	57/24	D9 BRIDGE PAINT 2019-2	ALEXANDER	28	22
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -	SN 002-0023/ 002-0024		CONTRACT NO. 78678		
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -	SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	DESIGNED	CHECKED	DATE	SHEET NO.
P.A.S. BY	J.F.S.	V.H.V.	36	21
PROJECT NO.	DATE	SCALE	SHEET NO. 2 17 SHEETS	



DESIGNED	C.M.E.	DATE	MAY 4, 2008
CHECKED	V.H.V.	DESIGNED BY	John A. Morris
DRAWN	J.F.S.	DRAWN BY	J.B. Carbonell
CHECKED	C.M.E. V.H.V.	SCALE	AS SHOWN ON DRAWING

Work this sheet with sheets 3 thru 17.
TROUGH DETAILS AT PIERS (E. & W. BRIDGES)
F.A.I. RTE. 57 SEC. 02-1VB
ALEXANDER COUNTY
S.N. 002-0023 & 002-0024

FOR INFORMATION ONLY

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USER NAME = WILSONDA	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 002-0023/ 002-0024	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -			57/24	D9 BRIDGE PAINT 2019-2		28	23
PLOT DATE = 9/27/2019	CHECKED - MS	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

• ALEXANDER/JOHNSON

ILLINOIS FED. AID PROJECT

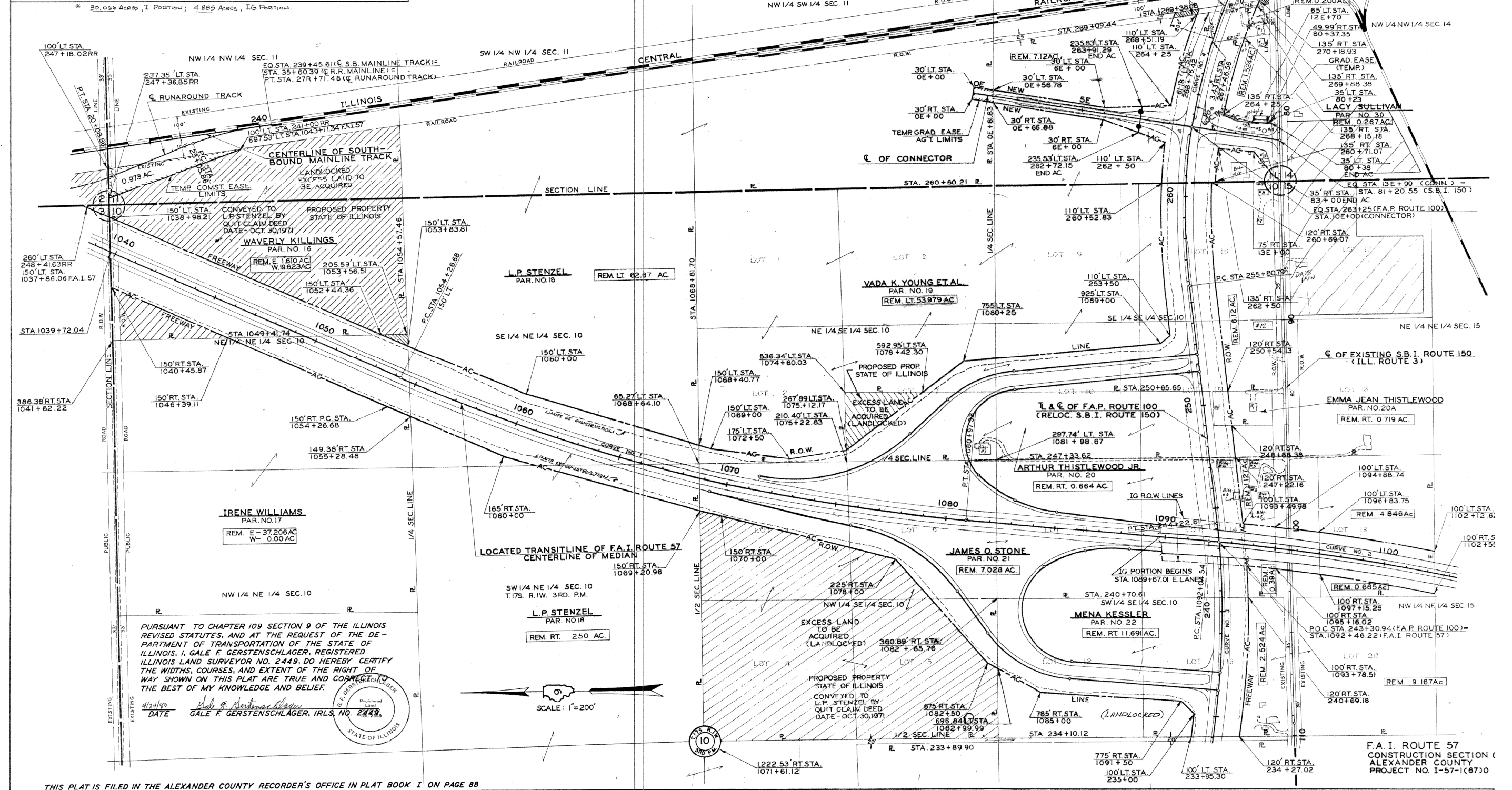
10	WAVELY KILLINGS	FREWAY R.O.W.	3.550 AC.
17	IRENE WILLIAMS	EXCESS R.O.W.	0.089 AC.
18	L.P. STENZEL	FREWAY R.O.W.	10.167 AC.
18	L.P. STENZEL	GRADING EASE.(TEMP)	0.085 AC.
19	VADA K. YOUNG	FREWAY R.O.W.	15.768 AC.
19	VADA K. YOUNG	NEW R.O.W.	1.099 AC.
20	A. THISTLEWOOD JR.	FREWAY R.O.W.	11.848 AC.
20	A. THISTLEWOOD	EXCESS R.O.W.	1.210 AC.
20A	EMMA JEAN THISTLEWOOD	FREWAY R.O.W.	0.290 AC.
21	JAMES O. STONE	FREWAY R.O.W.	34.951 AC.*
21	JAMES O. STONE	EXCESS R.O.W.	25.597 AC.
22	MENA KESSLER	FREWAY R.O.W.	13.075 AC.
18	L.P. STENZEL	TEMP. EASE.(CONST. BRIDGE)	0.077 AC.
30	LACY SULLIVAN	FREWAY R.O.W.	0.618 AC.
16	WAVELY KILLINGS	EXCESS R.O.W.	21.233 AC.
19	VADA K. YOUNG	GRADING EASE.(TEMP)	0.003 AC.

CURVE DATA - F.A.I. 57

CURVE NO. 1	CURVE NO. 2
$\Delta=20^{\circ}28'30''$ T=1349.73'	$\Delta=25^{\circ}00'$ T=2117.03'
$D=0^{\circ}46'00''$ L=2670.65'	$D=0^{\circ}36'$ L=4166.67'
R=7473.42' E=120.90'	R=9549.34' E=231.85'

CURVE DATA - F.A.P. 100

CURVE NO. 3	CURVE NO. 4
$\Delta=56^{\circ}58'15''$ T=2429.77'	$\Delta=95^{\circ}33'$ T=3156.65'
$D=1^{\circ}20'$ L=4422.81'	$D=2^{\circ}00'$ L=4777.50'
R=4297.18' E=639.38'	R=2884.79' E=1398.01'



PURSUANT TO CHAPTER 109 SECTION 9 OF THE ILLINOIS REVISED STATUTES, AND AT THE REQUEST OF THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS, I, GALE F. GERSTENSCHLAGER, REGISTERED ILLINOIS LAND SURVEYOR NO. 2449, DO HEREBY CERTIFY THE WIDTHS, COURSES, AND EXTENT OF THE RIGHT OF WAY SHOWN ON THIS PLAT ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE: 4/24/20
 GALE F. GERSTENSCHLAGER, IRLS. NO. 2449



THIS PLAT IS FILED IN THE ALEXANDER COUNTY RECORDER'S OFFICE IN PLAT BOOK 1 ON PAGE 88

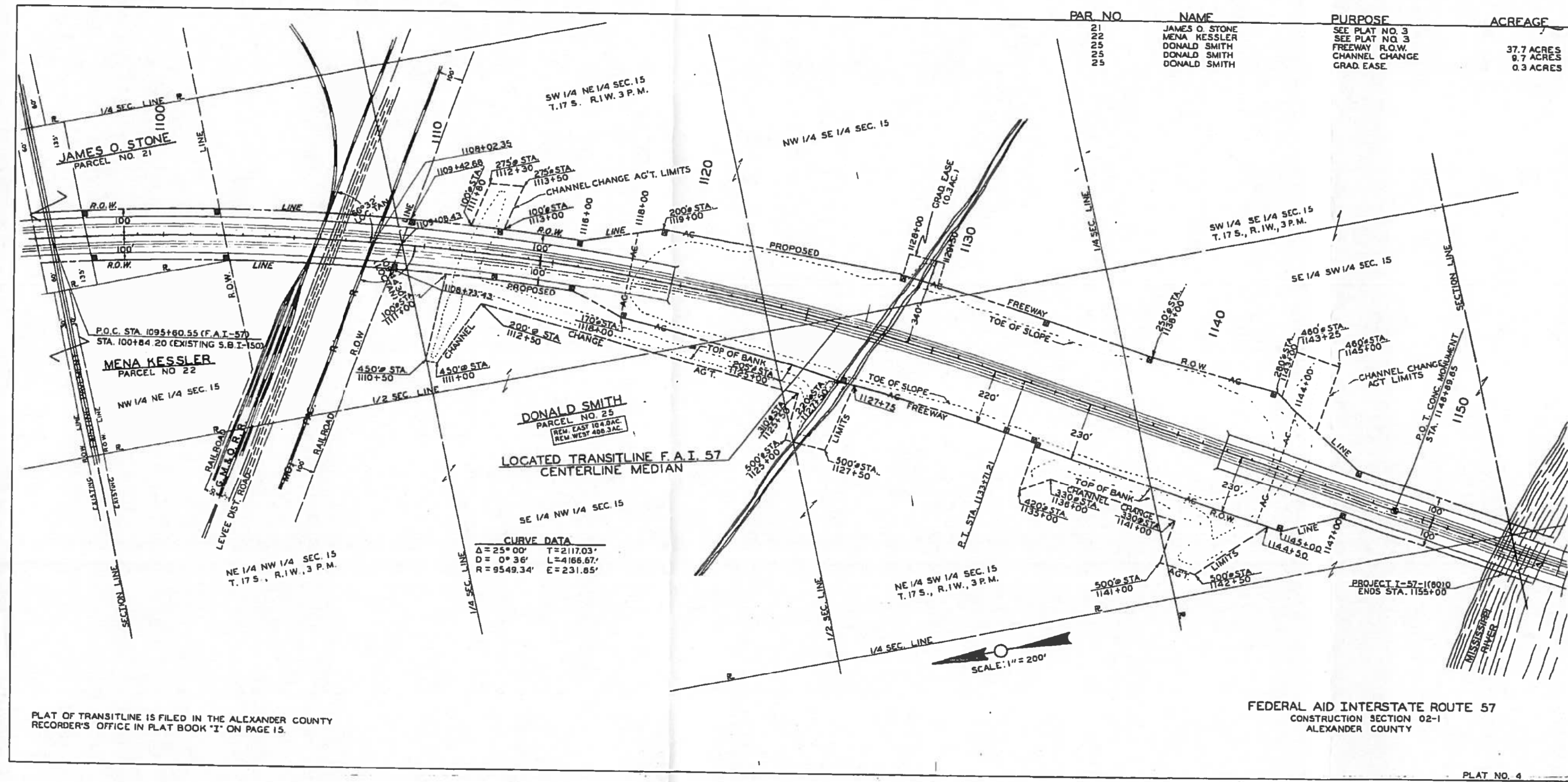
FOR INFORMATION ONLY

DRAWN BY REVISED MAR. 1971
 WRITTEN BY
 CHECKED BY
 INSPECTED BY

USER NAME = WILSONDA	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 002-0023/ 002-0024	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - DW	REVISED -	57/24			D9 BRIDGE PAINT 2019-2		28	24		
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -			CONTRACT NO. 78678					
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -			ILLINOIS FED. AID PROJECT					

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	02-1VB	ALEXANDER	156	149
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

FOR INFORMATION ONLY



APPROVED BY _____ DATE _____

DRAWN BY _____
 WRITTEN BY _____
 CHECKED BY _____
 INSPECTED BY _____

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USER NAME = WILSONDA	DESIGNED - DW	REVISED -
	DRAWN - DW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

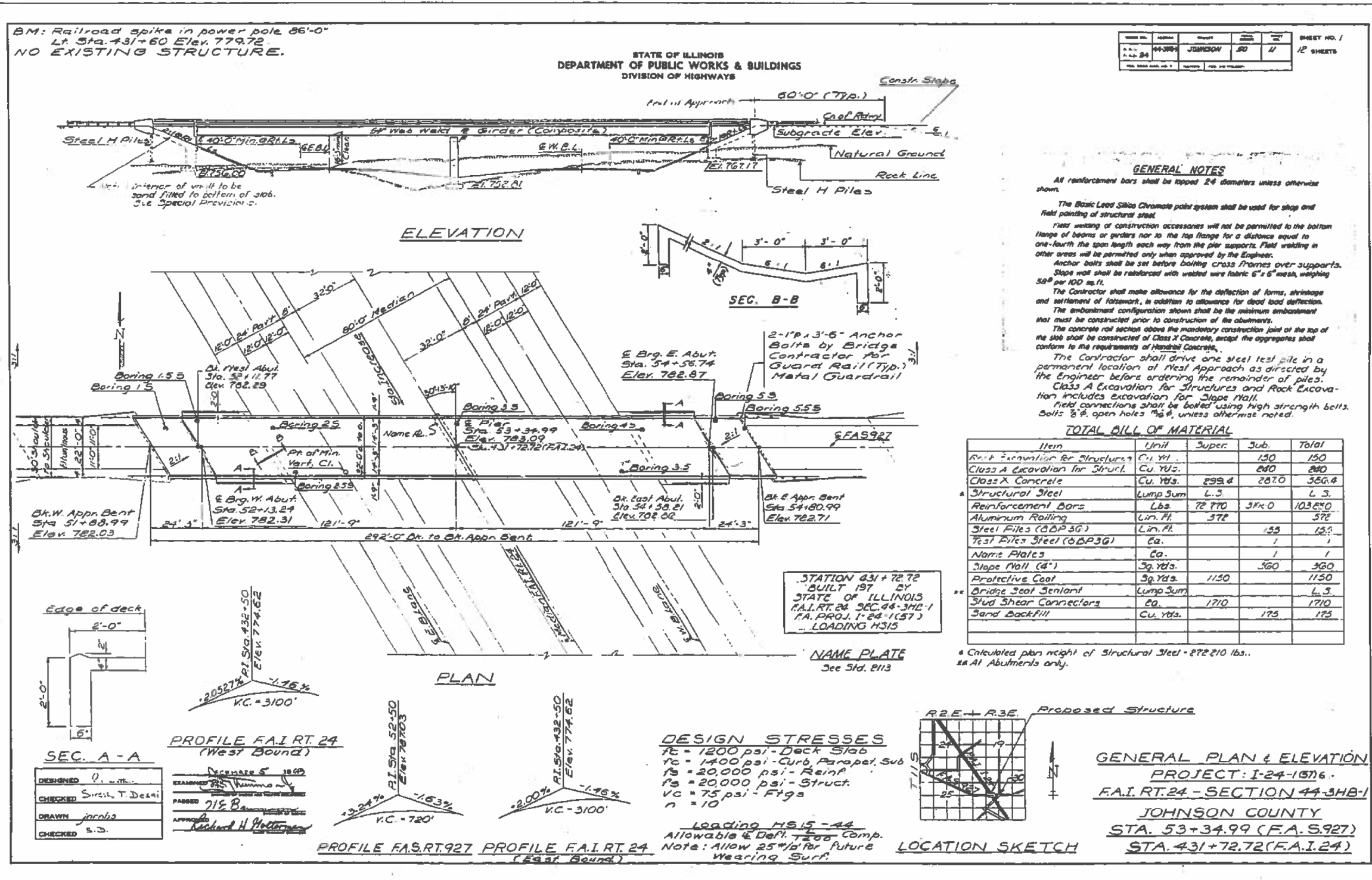
SN 002-0023/ 002-0024

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	25
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				

• ALEXANDER/JOHNSON

FOR INFORMATION ONLY



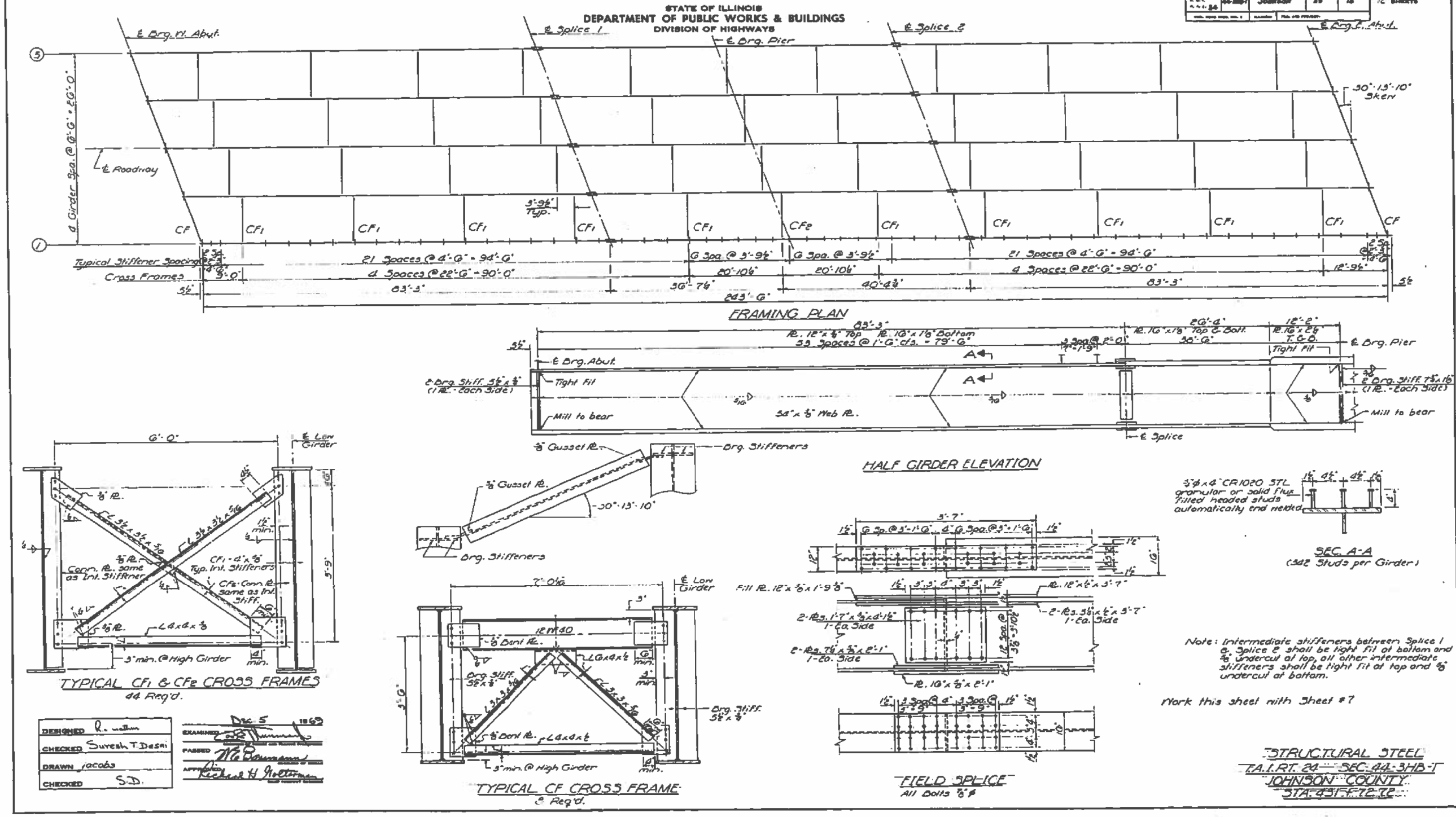
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USER NAME = WILSONDA	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 044-0035	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - DW	REVISED -	57/24			D9 BRIDGE PAINT 2019-2	ILLINOIS	FED. AID PROJECT	28	26
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -			CONTRACT NO. 78678				
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -	SCALE:	SHEET OF SHEETS	STA.	TO STA.			

• ALEXANDER/JOHNSON

FOR INFORMATION ONLY

DATE	4-28-17	DESIGNER	JOHNSON	NO.	16	SHEET NO.	G
SCALE	AS SHOWN	CHECKED		DATE	7-26-17	TOTAL SHEETS	12



DESIGNED	R. Nelson	EXAMINED	Dec 5 1969
CHECKED	Suresh T. Desai	PASSED	[Signature]
DRAWN	Jacobs	APPROVED	[Signature]
CHECKED	S.D.		

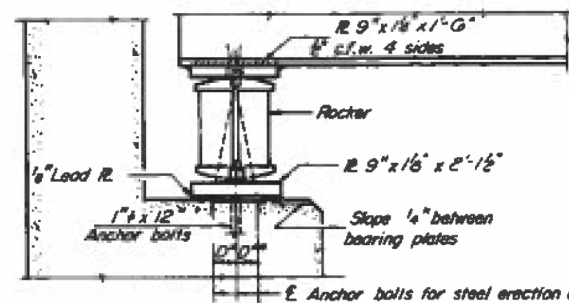
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USER NAME = WILSONDA	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 044-0035	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - DW	REVISED -	57/24			D9 BRIDGE PAINT 2019-2		28	27	
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -			CONTRACT NO. 78678				
PLOT DATE = 9/27/2019	DATE - 07/24/18	REVISED -			ILLINOIS FED. AID PROJECT				

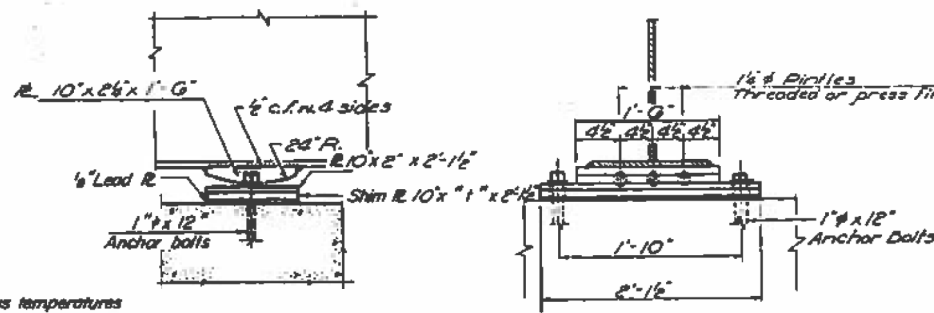
FOR INFORMATION ONLY

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

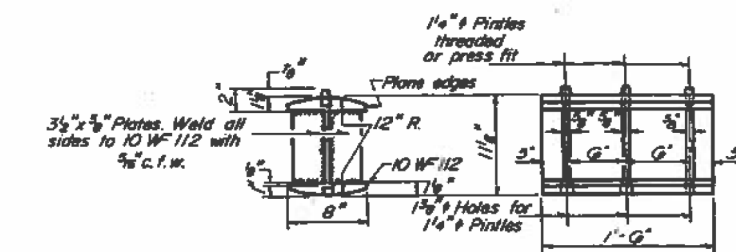
PROJECT NO.	DATE	DESIGNER	CHECKER	DATE	SHEET NO.
44-380-1	11-24	JOHNSON	BO	17	12 SHEETS



SECTION



ELEVATION



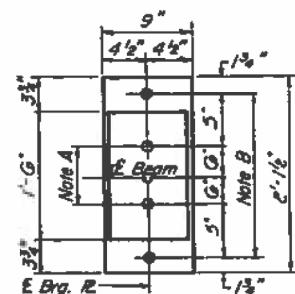
ROCKER



PINTLE

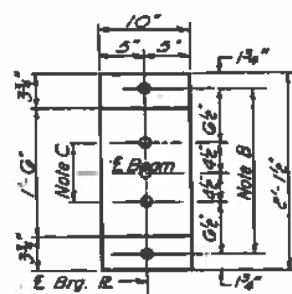
TOP OF MED ELEVATIONS

Beam	1	2	3	4	5
E. Brg. N. Abut.	701.55	701.62	701.66	701.54	701.39
E. Splice 1	702.10	702.25	702.27	702.21	702.09
E. Pier	702.15	702.25	702.20	702.25	702.11
E. Splice 2	702.30	702.24	702.24	702.24	702.30
E. Brg. S. Abut.	701.39	702.15	702.15	702.16	702.00



PLAN

AT ABUTMENT



PLAN

AT PIER

1'-0" DIMENSIONS

Dim.	1	2	3	4	5
Pier	0	1/4	3/8	0	0

NOTE A
1 1/2" Holes - 1" deep in top R for pintles. Thread or press fit pintles into bottom R.

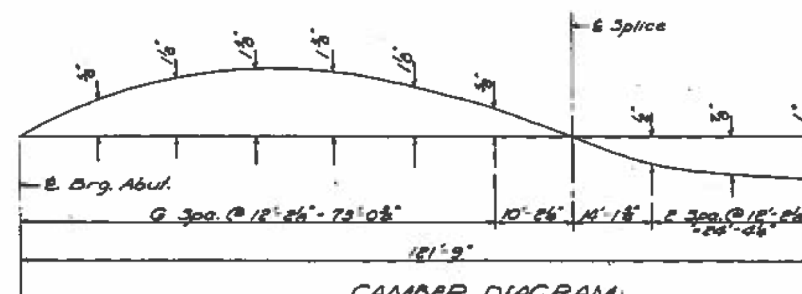
NOTE B
1 1/2" Holes for 1" anchor bolts. 2 1/2" x 2 1/2" x 3/16" R. Washers under nut.

NOTE C
1 1/2" Holes 1" deep in top R only for 1/4" pinholes.

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

- a) D* (Side of brg. away from fixed brg.)
D* = 1/8" per each 100' of expansion for every 15° fall below the normal temp. of 50°F.
- D** (Side of brg. toward fixed brg.)
D** = 1/8" per each 100' of expansion for every 15° rise above the normal temp. of 50°F.
- b) After beams have been erected and dimensions D* or D** determined, holes shall be drilled and anchor bolts shall be grouted in place. All fixed anchor bolts may be built into the masonry.

BEARING ASSEMBLY DETAILS



CAMBER DIAGRAM

STRESS TABLE

STEEL	MOMENTS - FT.KIPS		REACTIONS (K)	
	Abut.	Pier	Abut.	Pier
D.L.	743.0	-1071.0	35.7	132.9
COMPOSITE				
S.D.L.	343.0	-552.2	14.8	47.7
L.L.	702.2	-663.5	28.9	54.2
Imp	141.3	-135.3		
TOTAL			79.4	234.8

Shear range @ 0.4 Span = 21.3 kips.

PROPERTIES

STEEL SECTION	1	2	3	4	5
I _x	24021	32273	61813		
S _x	727	1147	2115		
S _y	1052	1147	2115		
COMPOSITE SECTION					
I _c	53490				
S _c	4557				
S _{bc}	1388				

BEARINGS
F.A.I. RT. 24 SEC. 44-380-1
JOHNSON COUNTY
STA. 431+72.72

DESIGNED	W. J. Johnson	EXAMINED	DEC 5 1969
CHECKED	Smesh T. Dela	PASSED	W. J. Johnson
DRAWN	P.G. Barnett	APPROVED	Richard H. Holloman
CHECKED			

I-2-B 9-1-65

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 044-0035

ALEXANDER/JOHNSON

USER NAME = WILSONDA	DESIGNED - DW	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 9/27/2019	CHECKED - MS	REVISED -
	DATE - 07/24/18	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/24	D9 BRIDGE PAINT 2019-2		28	28
CONTRACT NO. 78678				
ILLINOIS FED. AID PROJECT				