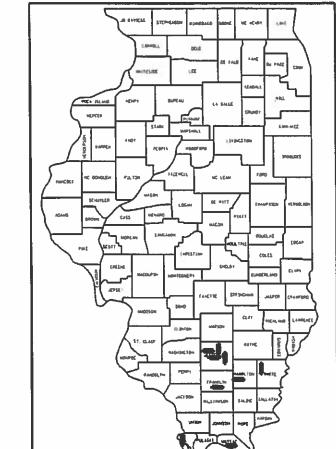
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

COUNTY SHEETS NO. SECTION VAR D9 BRIDGE PAINT 2019-1 VARIOUS 50 1 RUMBIS CONTRACT NO. 78677

D-93-068-18



STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

LOCATION OF SECTION INDICATED THUS: - -

SUBMITTED

REGION FIVE ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR OF HIGHWAYS, PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

BRIDGE NO. 1 SNL 041-0039 IL 37 2017 ADT = 3950, 9% TRUCKS TOWNSHIP-ROME POSTED SPEED: 55 MPH

BRIDGE NO. 2 SN. 041-0040 IL 142 2017 ADT=5800, 6% TRUCKS TOWNSHIP-DODDS POSTED SPEED: 55 MPH

0

0

BRIDGE NO. 3 SN. 041-0041 1L 142 2017 ADT=5800, 62 TRUCKS TOWNSHIP-DOODS POSTED SPEED: 55 MPH

BRIDGE NO. 4 SN. 041-0042 IL 142 2017 ADT+5800, 6% TRUCKS TOWNSHIP-DODDS POSTED SPEED: 55 MPH

BRIDGE NO. 5 1-64 EB 2017 AOT=11500, 38% TRUCKS TOWNSHIP- CASNER POSTED SPEEDS TO MPH

BRIDGE NO. 6 SNL 041-0078 1-64 WB 2017 ADT=11500, 387, TRUCKS TOWNSHIP-CASHER POSTED SPEED: 70 MPH

BRIDGE_NO.. 7 SNL 041-0087 1-64 WB 2017 ADT=5650, 39% TRUCKS TOWNSHIP-DODOS POSTED SPEED: TO MPH

1-64 EB 2017 4DT+5650, 39% TRUCKS TOWNSHIP-DODDS POSTED SPEED: 70 MPH

BRIDGE NO. 9 SN. 002-0032 IL 3 2017 ADT=3800, 82 TRUCKS TOWNSHIP-CO UNIT ROAD DIST POSTED SPEED: 55 MPH

BRIDGE NO. 10 SNL 028-0038 IL 149 2017 ADT 4400, 7% TRUCKS TOWNSHIP-DENNING POSTED SPEED: 55 MPH

IL 149 2017 ADT=2100, 10% TRUCKS TOWNSHIP-CAVE POSTED SPEED: 55 MPH

BRIDGE NO. 12 SN. 033-0012 IL 142 2017 ADT=3200, 8% TRUCKS TOWNSHIP-DAHLGREN POSTED SPEED: 55 MPH

BRIDGE NO. 13 SNL 064-0003 US 45 2017 ADT=2100, 8% TRUCKS TOWNSHIP-CO UNIT ROAD DIST POSTED SPEED: 55 MPH

BRIDGE_NO._14 SIC 097-0024 TOWNSHIP-ENFIELD

US 45 2017 ADT+2950, 12% TRUCKS POSTED SPEED: 35 MPH

DESIGN DESIGNATION : N/A COORDINATE SYSTEM : N/A

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: DAVID PICHE PROJECT DESIGNER: DAVID WILSON

CONTRACT NO. 78677

PROPOSED HIGHWAY PLANS VARIOUS ROUTES SECTION D9 BRIDGE PAINT 2019-1

PROJECT STP-UBY6(205)

VARIOUS COUNTIES BRIDGE NO. 5 STRUCTURE NO. 041-0077 C-99-102-18 OVER TR-108A/BN RR BRIDGE NO. 2 -STRUCTURE NO. 041-0040 BRIDGE NO. 6 OVER BRANCH OF CASEY FORK STRUCTURE NO. 041-0078 BRIDGE NO. 1 OVER TR-108A/BN RR -STRUCTURE NO. 041-0039 BRIDGE NO. 3 STRUCTURE NO. 041-0041 OVER SOUTHERN RR BRIDGE NO. 7 STRUCTURE NO. 041-0087 OVER CASEY FORK OVERFLOW OVER CASEY FORK OVERFLOW -STRUCTURE NO. 041-0042 BRIDGE NO. 8 STRUCTURE NO. 041-0088 OVER CASEY FORK OVER CASEY FORK OVERFLOW BRIDGE NO. 12 -STRUCTURE NO. 033-0012 OVER MIDDLE CREEK BRIDGE NO. 14 STRUCTURE NO. 097-0024 OVER LEN RR BRIDGE NO. 11 STRUCTURE NO. 028-0041 AMSON OVER STEVENS CREEK BRIDGE NO. 10 -STRUCTURE NO. 028-0038 OVER BAN RR BRIDGE NO. 9 STRUCTURE NO. 002-0032-OVER SEXTON CREEK

BRIDGE NO. 13

OVER Q DITCH

-STRUCTURE NO. 064-0003

GENERAL NOTES

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED TO CHANNEL TRAFFIC AT COMMERCIAL AND/OR PRIVATE ENTRANCE AS DIRECTED BY THE ENGINEER. ALL TRAFFIC CONTROL DEVICES ARE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION STANDARD USED AT THE SITE. AND WILL NOT BE PAID FOR SEPERATELY.

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

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.

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 028-0038, 041-0087, AND 041-0088, 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 WITHIN 5 FT. (MEASURED ALONG THE BEAM) OF EITHER SIDE OF SPECIFIED DECK JOINTS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SP10. ALL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - 02/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 ANDBOTTOM OF THE FLANGE OF THE FASCIA BEAMS SHALL BE INTERSTATE GREEN. MUNSELL NO. 7.5G 4/8.

FOR STRUCTURE 028-0041 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 WITHIN 5 FT. (MEASURED ALONG THE BEAM) OF EITHER SIDE OF SPECIFIED DECK JOINTS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SP10. ALL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - 02/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 REDDISH BROWN, MUNSELL NO. 2.5 YR 3/4.

FOR STRUCTURES 033-0012, 041-0039, 041-0040 AND 041-0042, 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 NON-LEAD PAINT CLEANING RESIDUES." ALL STRUCTURAL STEEL WITHIN 5 FT. (MEASURED ALONG THE BEAM) OF EITHER SIDE OF SPECIFIED DECK JOINTS 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 STRUCTURES 002-0032 AND 041-0041. 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 NON-LEAD PAINT CLEANING RESIDUES." ALL STRUCTURAL STEEL WITHIN 10 FT. (MEASURED ALONG THE BEAM) OF EITHER SIDE OF SPECIFIED DECK JOINTS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SPIO. ALL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM I - 02/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 FASC!A BEAMS SHALL BE INTERSTATE GREEN, MUNSELL NO. 7.5G 4/8.

FOR STRUCTURES 041-0077 AND 041-0078. CLEANING AND PAINTING OF EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THESPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" AND "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES." ALL STRUCTURAL STEEL WITHIN 5 FT. (MEASURED ALONG THE BEAM) OF EITHER SIDE OF SPECIFIED DECK JOINTS AND THE OUTSIDE AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SP10. ALL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - 02/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 064.0003, 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 WITHIN 5 FT. (MEASURED ALONG THE BEAM) OF EITHER SIDE OF SPECIFIED DECK JOINTS AND THE ENTIRE FASCIA BEAMS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SPIO. ALL STEEL WITHIN 5 FT. OF SPECIFIED DECK JOINTS AND THE ENTIRE FASCIA BEAMS 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 ND. 58 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR SURFACES AND BOTTOM OF THE FLANGE OF THE FASCIA BEAMS SHALL BE GRAY, MUNSELL NO. 5B 7/1.

FOR STRUCTURE 097-0024, 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 STRUCTURAL STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING -SSPC- SPIO. ALL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - 02/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 GRAY. MUNSELL NO. 5B 7/1.

A TOTAL OF 15 AIR MONITORS ARE REQUIRED TO MONITOR ABRASIVE BLASTING OPERATIONS AT 7 LOCATIONS. 1 AT BRIDGE NO. 4 (SN 041-0042), 2 AT BRIDGE NO. 5 (SN 041-0077), 2 AT BRIDGE NO. 6 (SN 041-0078), 2 AT BRIDGE NO. 7 (SN 041-0087). 2 AT BRIDGE NO. 8 (SN 041-0088). 2 AT BRIDGE NO. 10 (SN 028-0038). AND 4 AT BRIDGE NO. 14 (SN 097-0024).

COMMITMENTS: NONE AS OF OCTOBER 19, 2018.

DESIGNED REVISED DRAWN REVISED PLOT SCALE = 100.0000 - / ir CHECKED REVISED DATE REVISED

INDEX OF SHEETS

SHEET NO.	DESCRIPT ION	SHEET NO.	DESCRIPTION
1	COVER SHEET	19-21	SN 041-0077 & 041-0078 STRUCTURE INFORMATION
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL	22-23	SN 041-0087 & 041-0088 STRUCTURE INFORMATION
	NOTES AND AREAS OF CLEANING AND PAINTING	24-29	SN 002-0032 STRUCTURE INFORMATION
3-4	SUMMARY OF QUANTITIES	30-32	SN 028-0038 STRUCTURE INFORMATION
5-7	SN 041-0039 STRUCTURE INFORMATION	33-35	SN 028-0041 STRUCTURE INFORMATION
8-10	SN 041-0040 STRUCTURE INFORMATION	36-39	SN 033-0012 STRUCTURE INFORMATION
11-14	SN 041-0041 STRUCTURE INFORMATION	40-43	SN 064-0003 STRUCTURE INFORMATION
15-18	SN 041-0042 STRUCTURE INFORMATION	44-50	SN 097-0024 STRUCTURE INFORMATION

AREAS OF CLEANING & PAINTING

BRIDGE NUMBER	STRUCTURE NUMBER	LEAD PRESENT	5' AT BEAM ENDS AT ABUTMENTS	10' AT BEAM ENDS AT ABUTMENTS	OUTSIDE AND BOTTOM FLANGE OF BOTH FASCIA BEAMS	ENTIRE FASCIA BEAMS	ALL STRUCTURAL STEEL
1	041-0039	NO	X				
2	041-0040	NO	X				
3	041-0041	NO		Х			
4	041-0042	NO	X			900200-01	
5	041-0077	YES	Х		X		
6	041-0078	YES	X		X		
7	041-0087	YES	X				
8	041-0088	YES	X			2	
9	002-0032	NO		X			
10	028-0038	YES	X	=======================================			
11	028-0041	YES	Х				
12	033-0012	NO	Х			20-00	
13	064-0003	YES	X			X	
14	097-0024	YES					X

STANDARDS

701001-02	OFF-RD OPERATIONS, 2L. 2W. MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15'(4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701201-05	LANE CLOSURE, 2L. 2W. DAY ONLY, FOR SPEEDS > TO 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By: Newartes

DISTRICT LAND ACQUISITION ENGINEER

Examined By:

Examined By:

Examined By:

Examined By:

Examined Bys

DISTRICT MATERIALS ENGINEER

SECTION COUNTY VARIOUS 50 2 VAR D9 BRIDGE PAINT 2019-1 CONTRACT NO. 78677

INDEX OF SHEET, STANDARDS, GENERAL NOTES, STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** SCALE:

AND AREAS OF CLEANING AND PAINTING OF ___ SHEETS STA. TO STA.

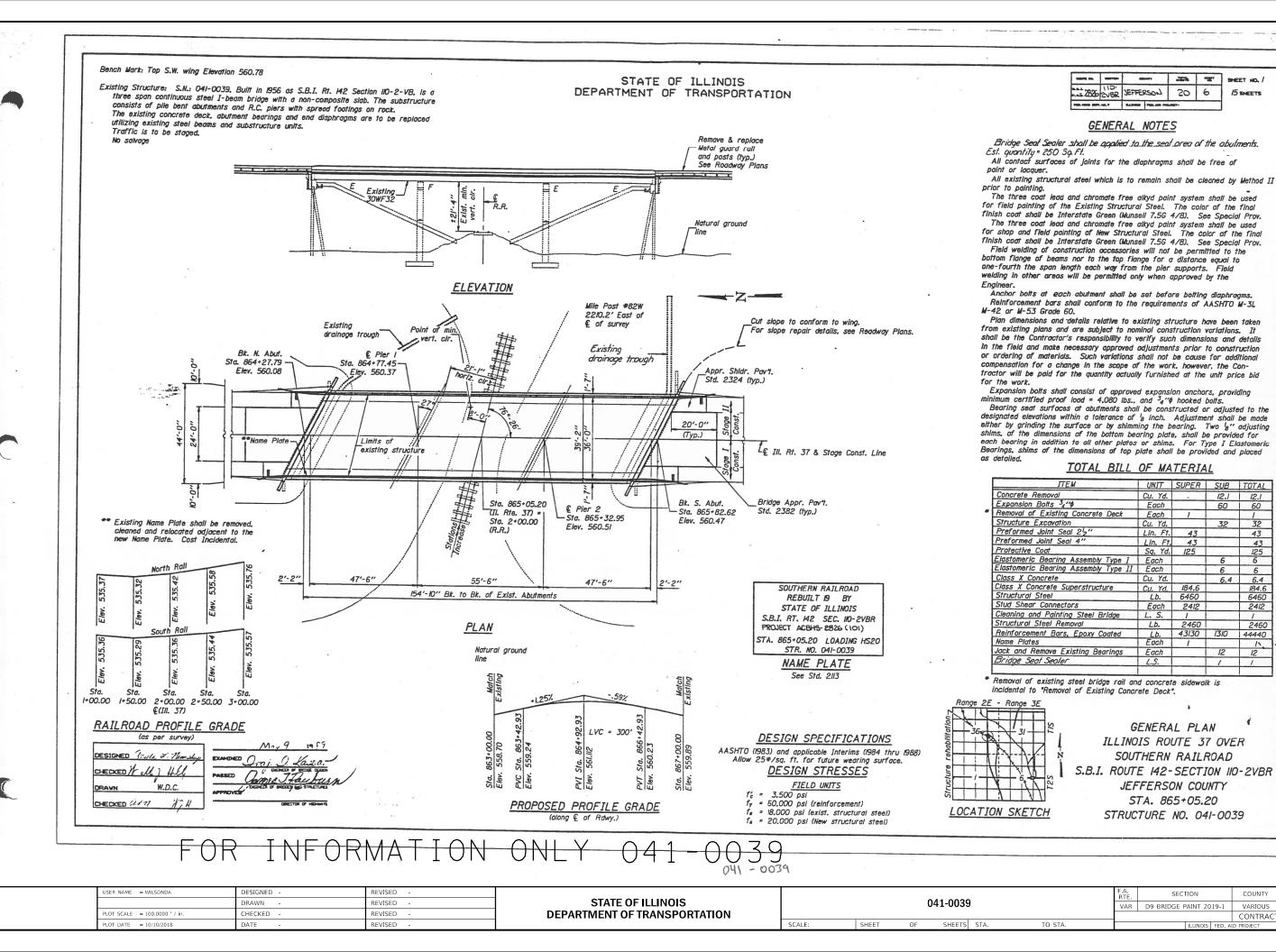
			COUNTY:			JEFFERSON							
			ROUTE:	IL 37		IL 142		I-64 EB		WB	I-64 EB		
	SUMMARY OF QUANTITIES	CONST.	FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20%STATE	80% FEDERAL 20%STATE	80% FEDERAL 20%STATE	80% FEDERAL 20%STATE		
CODE		0047	LOCATION	RURAL BRIDGE NO.	RURAL BRIDGE NO. 2	RURAL BRIDGE NO.	RURAL BRIDGE NO.	RURAL BRIDGE NO. 5	RURAL BRIDGE NO.	RURAL BRIDGE NO.	RURAL BRIDGE NO. 8		
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	041-0039	041-0040	041-0041	041-0042	041-0077	041-0078	041-0087	041-0088		
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	9	0.5	0.5	0.5	0.5	1	1	0.5	0.5		
67100100	MOBILIZATION	LSUM	1	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	0.08	0.08	0.08	0.08	0.08	0.08				
X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1	LSUM	1	1			1						
X5060602	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 2	LSUM	1		1		1				-		
X5060603	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 3	LSUM	1	_		1							
X5060604	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 4	LSUM	1				1						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	196	14	14	· 14	14	14	14	14	14		
Z0007105	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 5	LSUM	1			=		1					
Z0007106	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 6	LSUM	1						1				
Z0007107	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 7	LSUM	1							- 1			
Z0007108	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 8	LSUM	1								1		
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	LSUM	1	1									
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	LSUM	1		1		1						
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	LSUM	1			1							
Z0010504	CLEANING AND PAINTING STEEL BRIDGE NO. 4	LSUM	1				1						
Z0010505	CLEANING AND PAINTING STEEL BRIDGE NO. 5	LSUM	1					1					
Z0010506	CLEANING AND PAINTING STEEL BRIDGE NO. 6	LSUM	1						1				
Z0010507	CLEANING AND PAINTING STEEL BRIDGE NO. 7	LSUM	1			7 - 17				11			
Z0010508	CLEANING AND PAINTING STEEL BRIDGE NO. 8	LSUM	_ 1								1		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	0.2				0.2	0.2		REV MS		
	USEA NAME = WARSON/LE DESIGNED - REVISED -	DEPA	STATE OF I	LLINOIS RANSPORTATION	3302 316. 31	S	SUMMARY OF QUANT	mes	F.A. RTE. VAR D	SECTION 9 BRIDGE PAINT 2019-1	COUNTY TOTAL SHEETS NO. VARIOUS 50 3 CONTRACT NO. 78677		

-	11-17		1							
			COUNTY:	ALEXANDER	FRAI	NKLIN	HAMILTON	MASSAC	WHITE	
			ROUTE:	IL 3		149	IL 142	US 45	US 45	
SU	MMARY OF QUANTITIES CONT	'D	FUNDING:	80% FEDERAL 20% STATE						
			LOCATION	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL	
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	BRIDGE NO. 9	BRIDGE NO. 10	BRIDGE NO. 11	BRIDGE NO. 12	BRIDGE NO. 13	BRIDGE NO 14	
NUIVIDER			QUANTITY	002-0032	028-0038	028-0041	033-0012	064-0003	097-0024	
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	SEE SHT 3	0.5	0.5	0.5	0.5	1	1	
67100100	MOBILIZATION	LSUM	SEE SHT 3	0.07	0.07	0.07	0.07	0.08	0.08	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	SEE SHT 3	0.08	0.08	0.09	0.09	0.09	0.09	
X5060609	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 9	LSUM	1	1						
X5060610	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 12	LSUM	1				1			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	SEE SHT 3	14	14	14	14	14	14	
Z0007110	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 10	LSUM	1		1					
Z0007111	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 11	LSUM	1			1				
Z0007113	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 13	LSUM	1					1		
Z0007115	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 14	LSUM	1				×		1	
Z0010509	CLEANING AND PAINTING STEEL BRIDGE NO. 9	LSUM	1	1						
Z0010510	CLEANING AND PAINTING STEEL BRIDGE NO. 10	LSUM	1		1					
Z0010511	CLEANING AND PAINTING STEEL BRIDGE NO. 11	LSUM	1			1				
Z0010512	CLEANING AND PAINTING STEEL BRIDGE NO. 12	LSUM	1				1			
Z00105 1 3	CLEANING AND PAINTING STEEL BRIDGE NO. 13	LSUM	1					1		
Z0010514	CLEANING AND PAINTING STEEL BRIDGE NO. 14	LSUM	1						1	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	SEE SHT 3	2.72	0.2				0.2	

DESIGNED -REVISED USER NAME . WILSONDA DRAWN -REVISED REVISED . PLOT SCALE = 100.0000 / in DATE REVISED PLOT DATE = 9/27/2018

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE _

SUMMARY OF QUANTITIES SHEET __ OF __ SHEETS STA. _ TO STA. 

6

15 SHEETS

12.1 | 12.1

60 60

32

6

184.6 6460

2412

2460

COUNTY

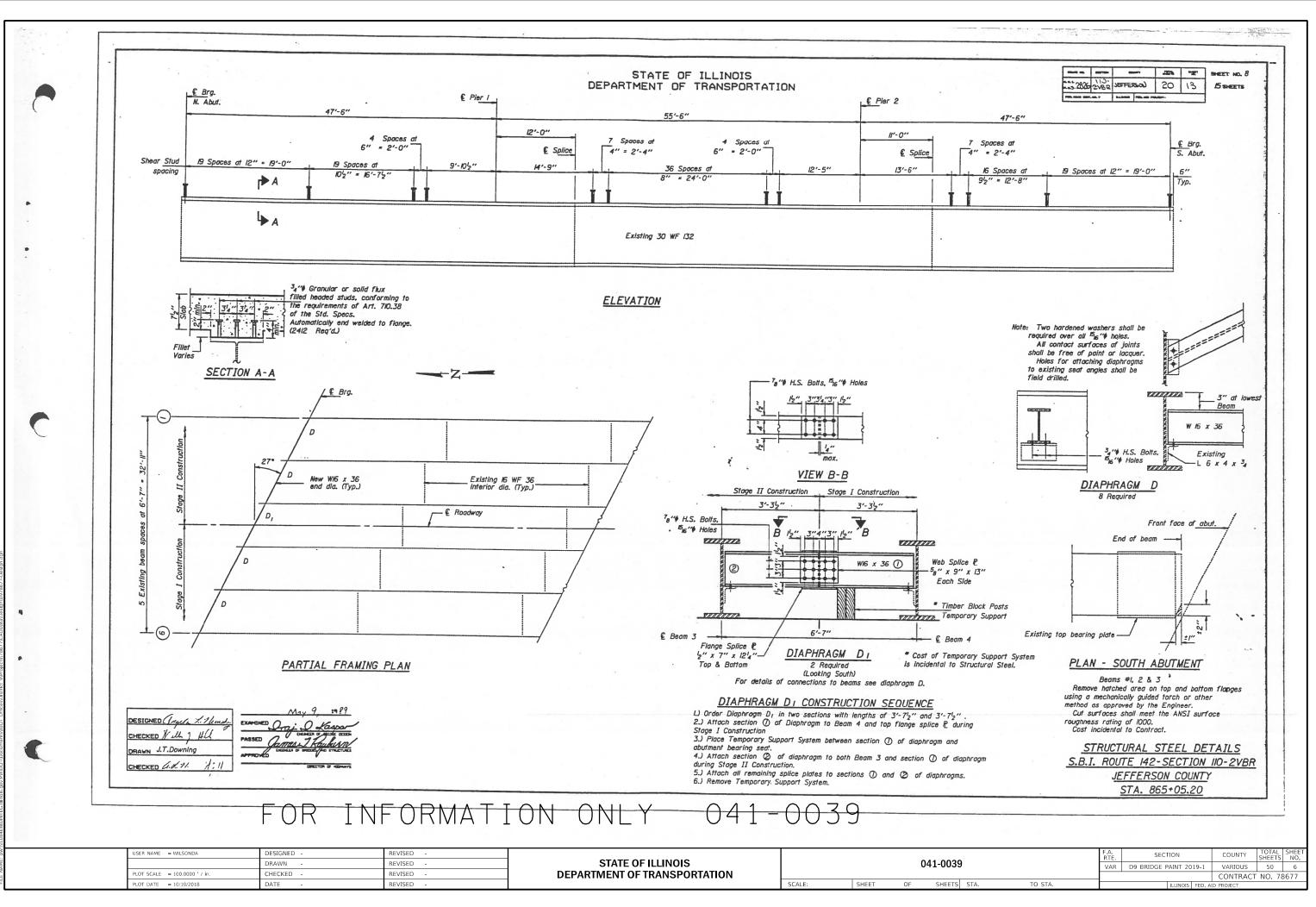
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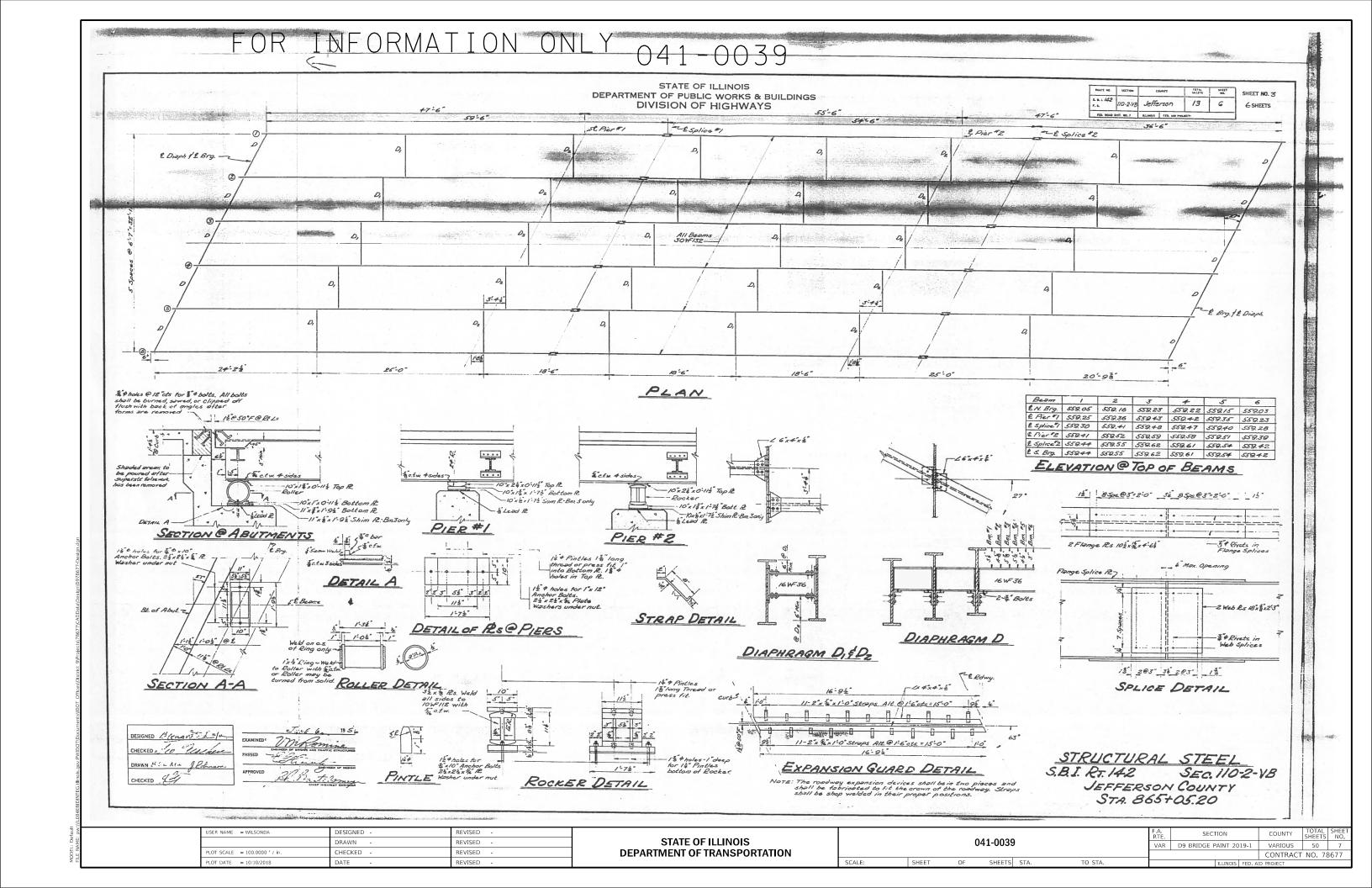
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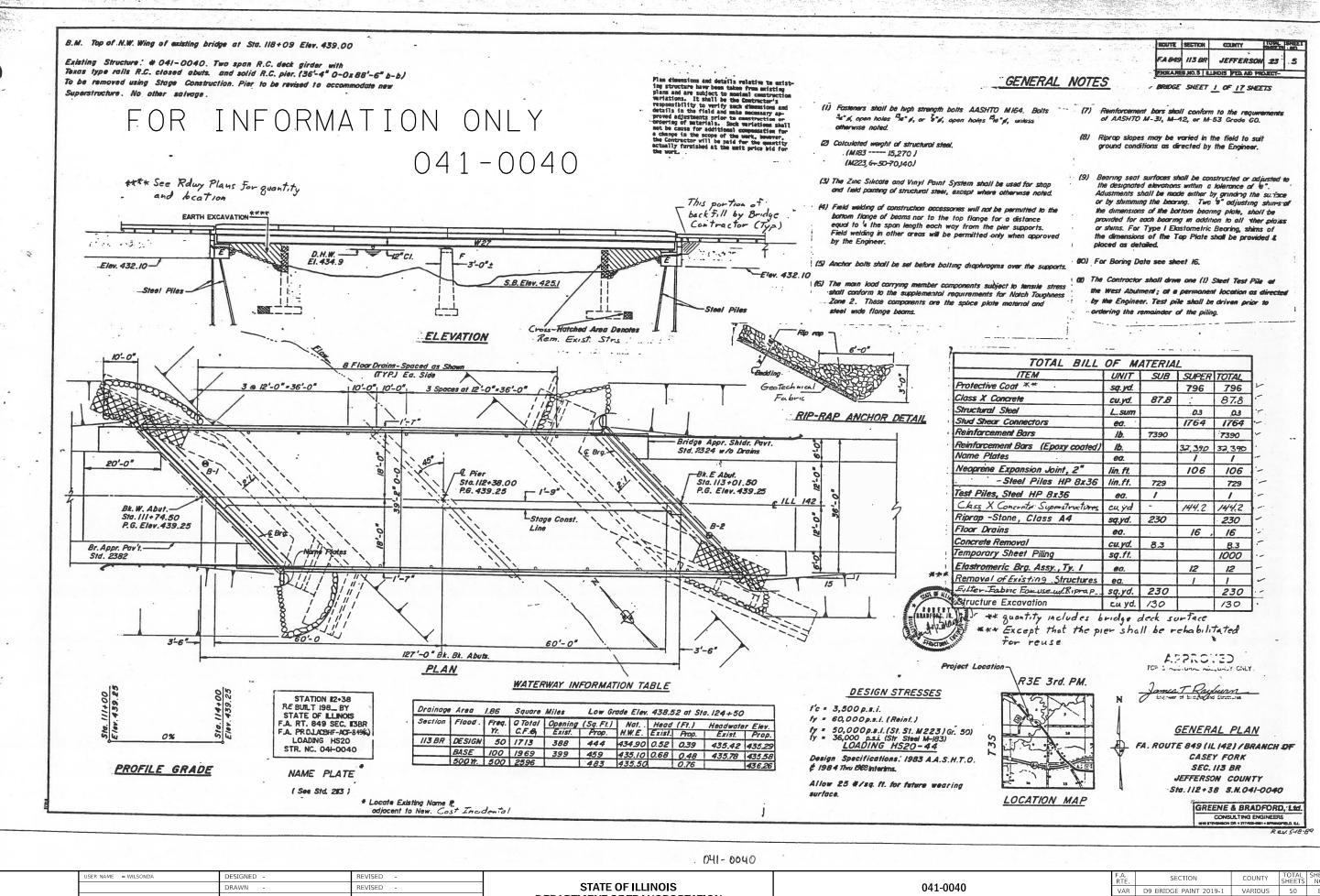
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6.4 6.4





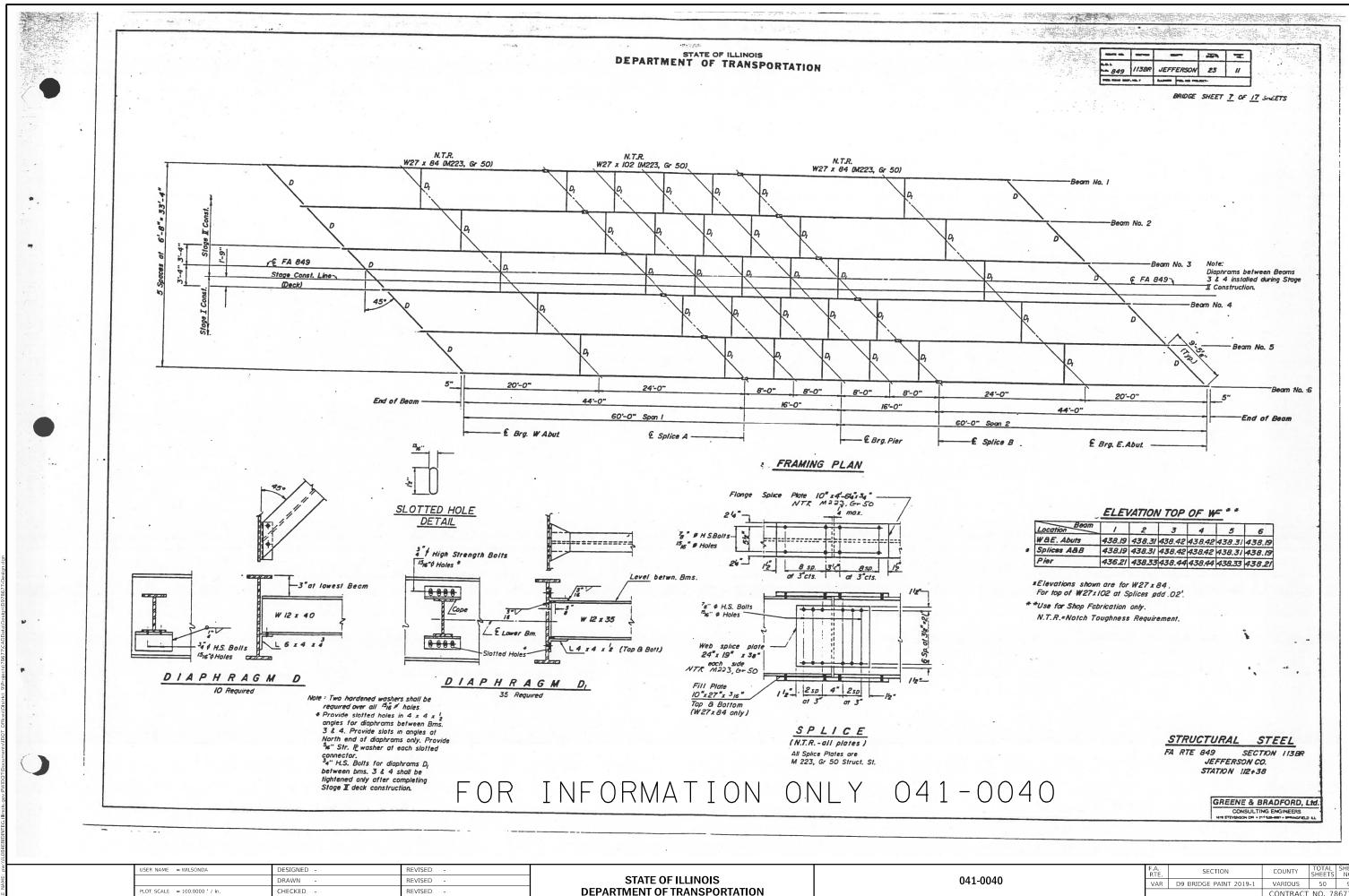


CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** DATE

	041-00

SHEETS STA

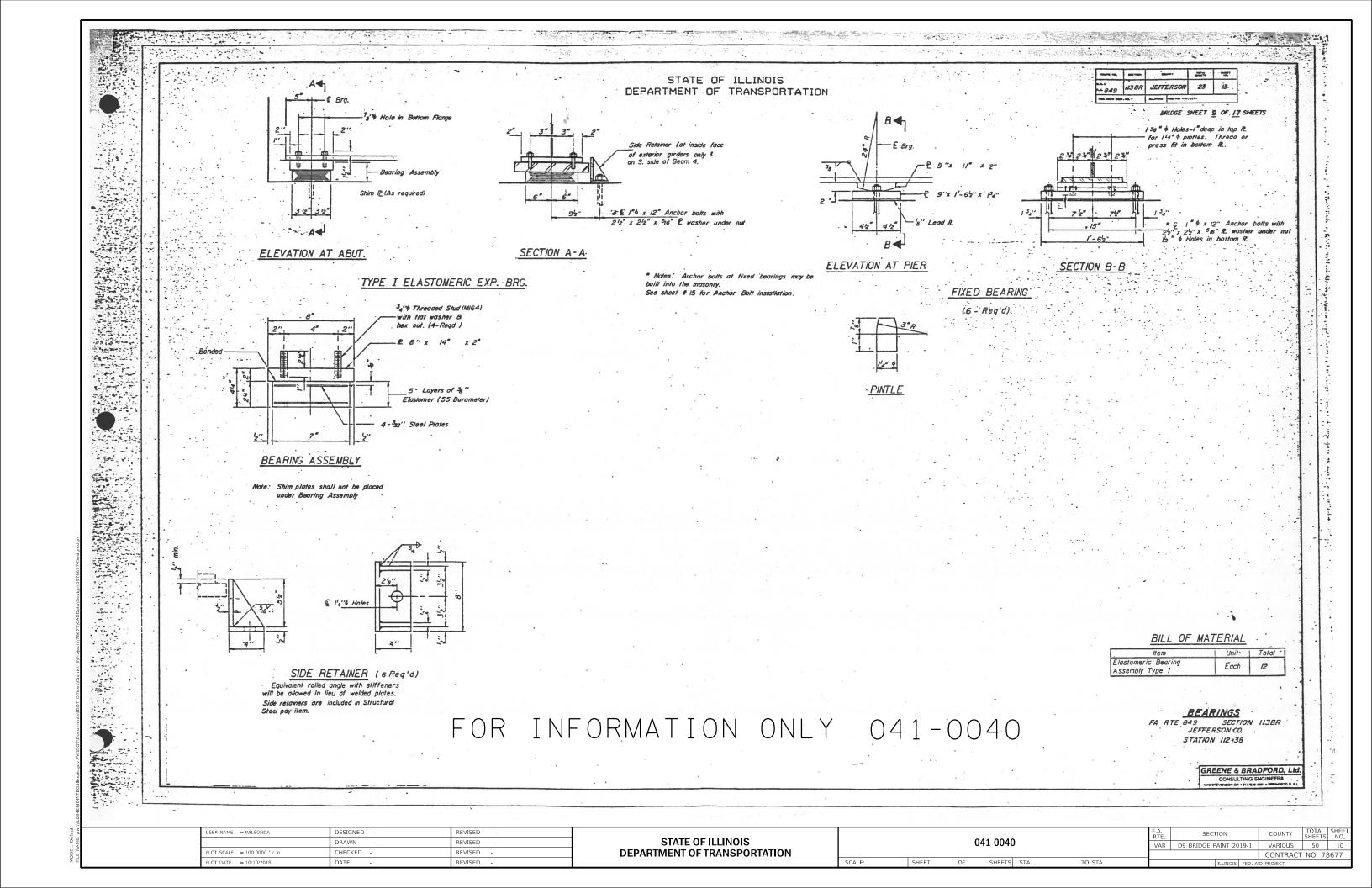
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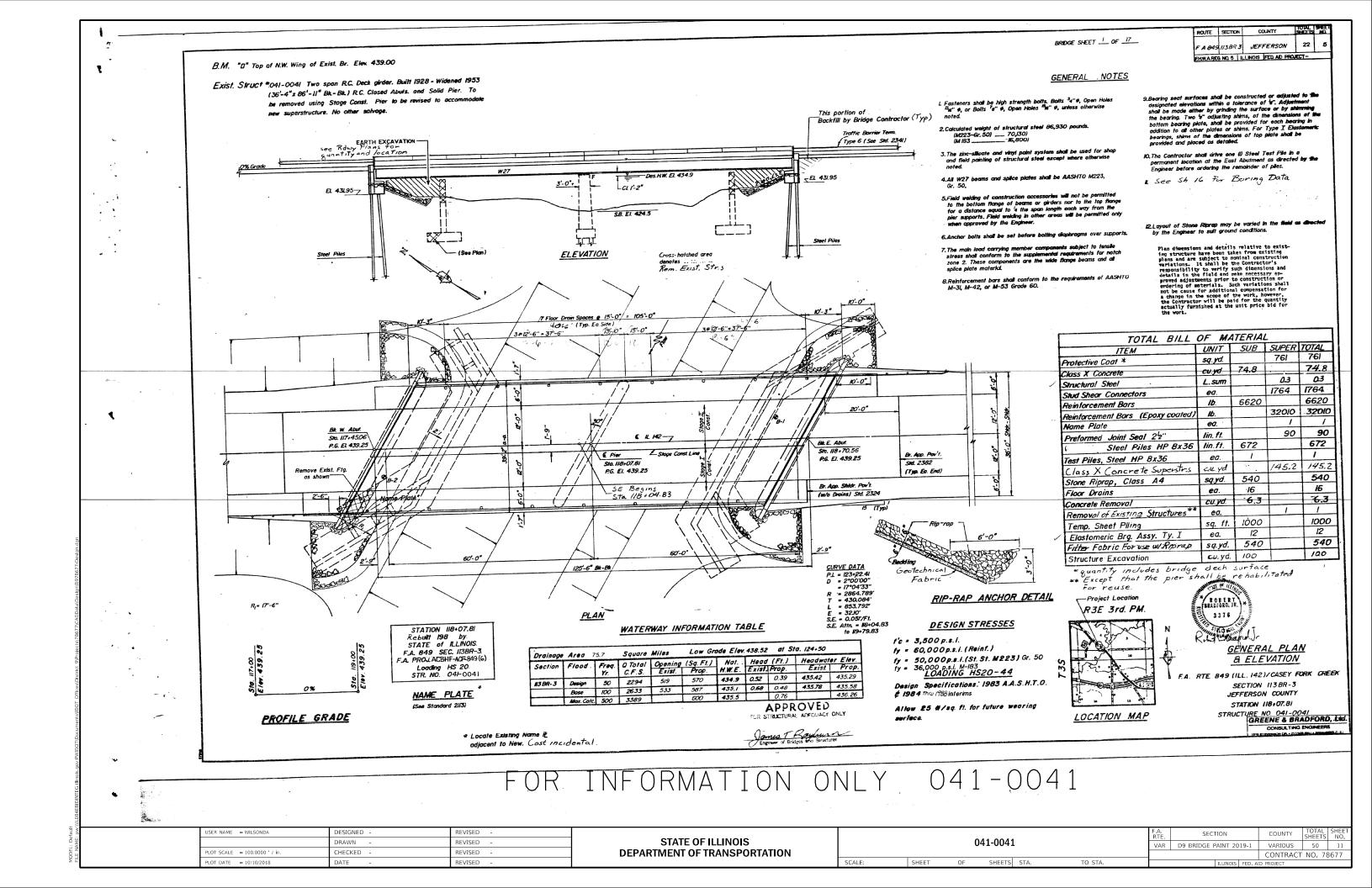


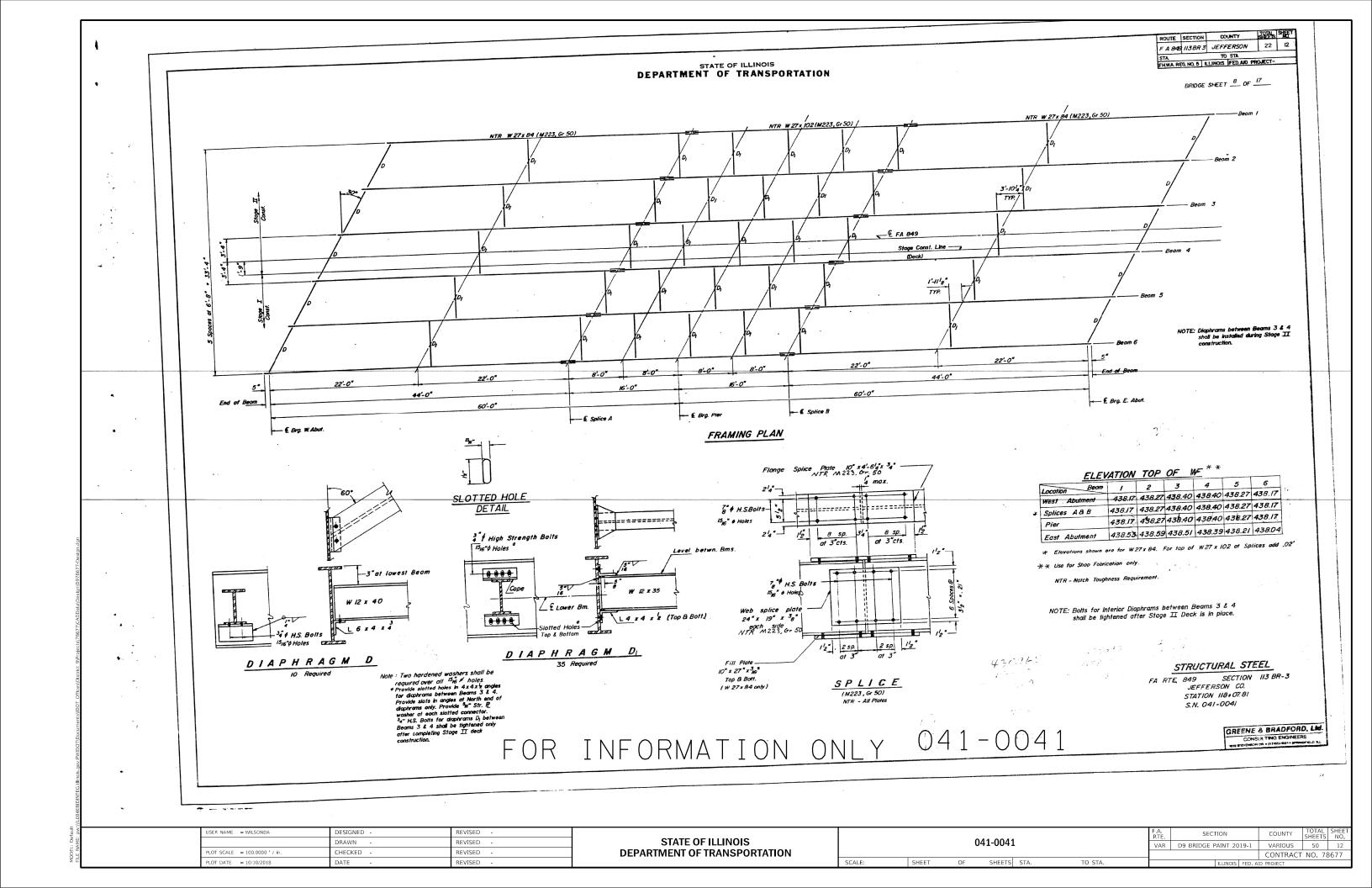
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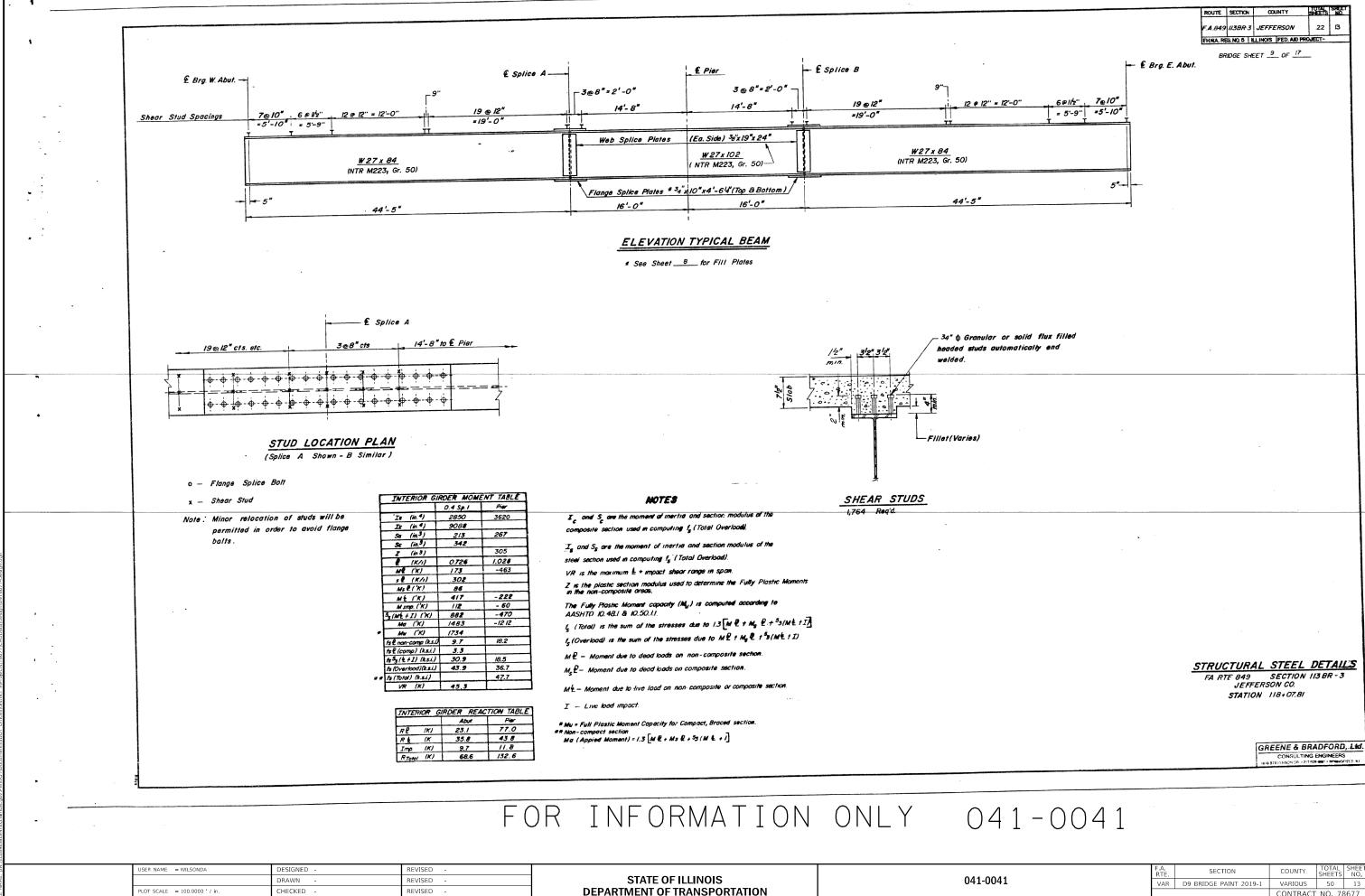
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CONTRACT NO. 78677







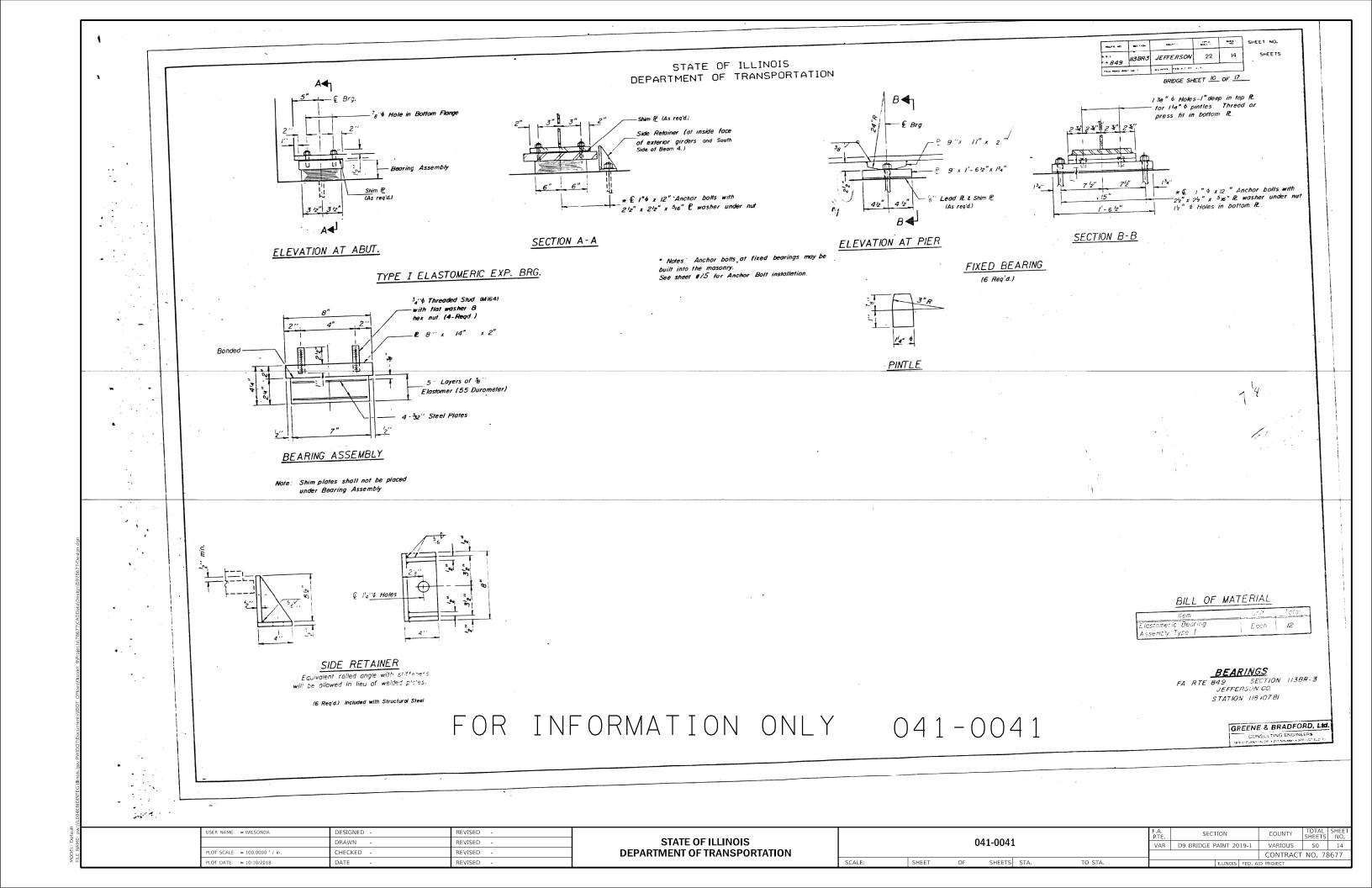


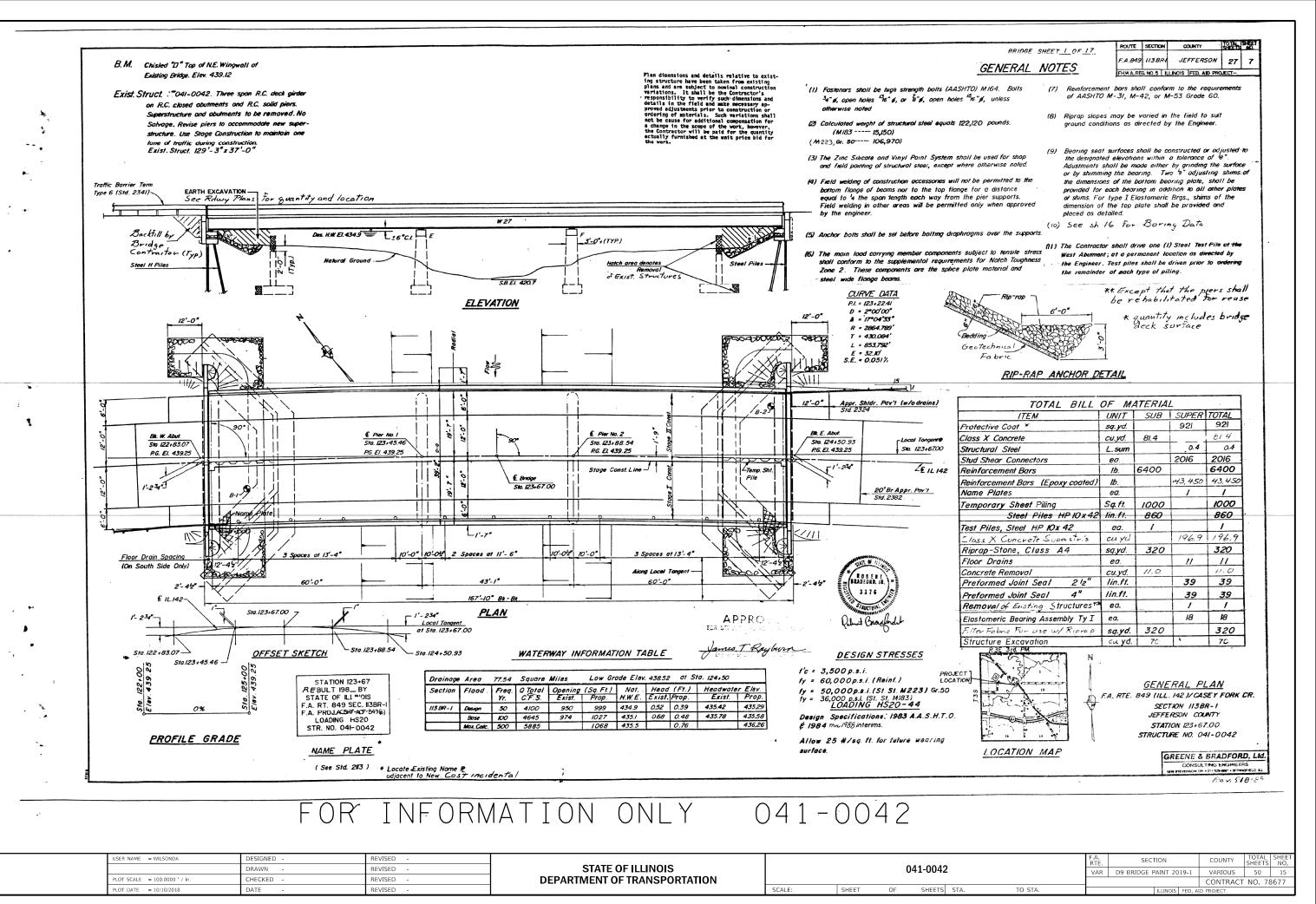
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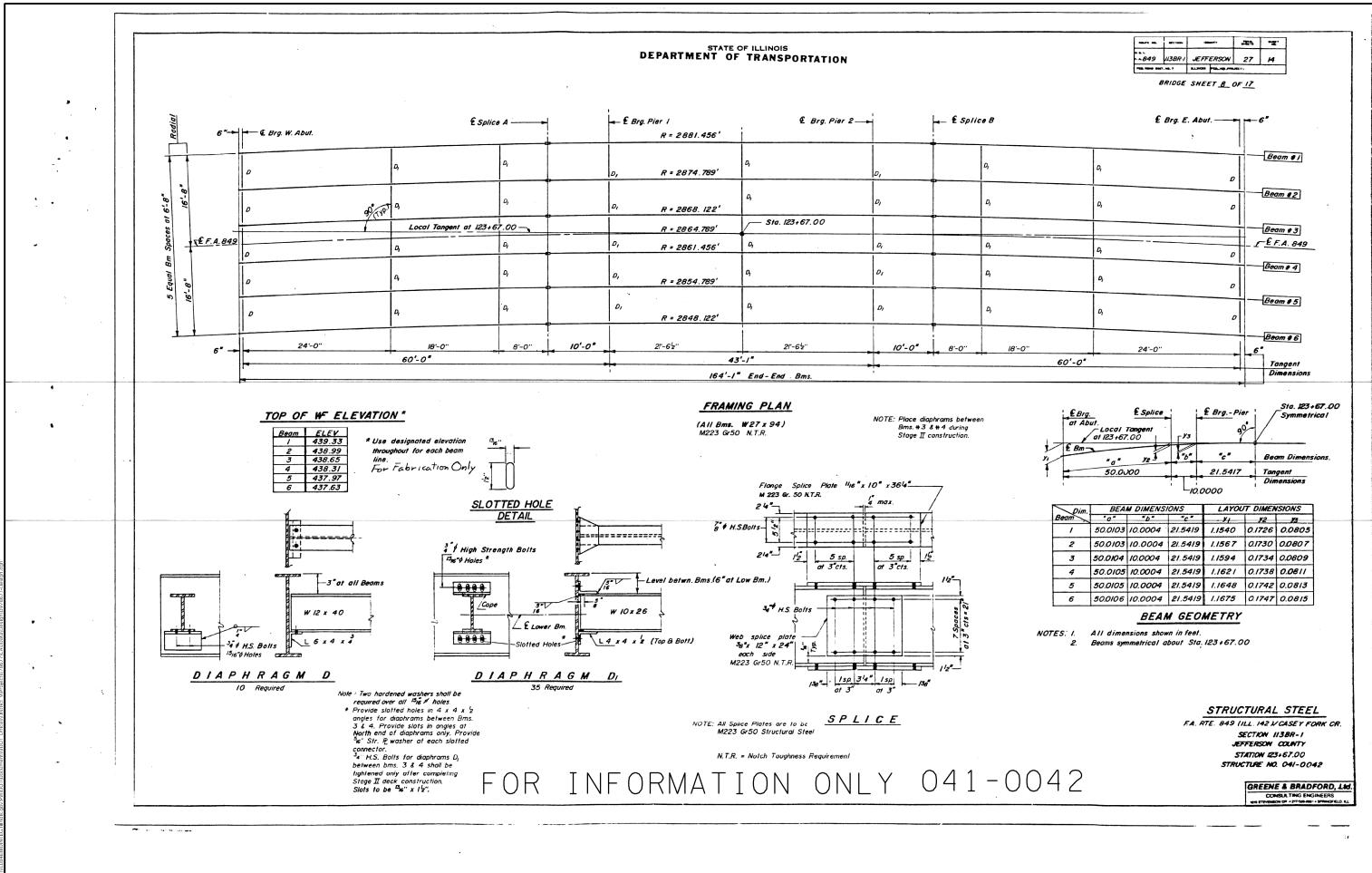
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 78677

SHEETS STA.







FILE NAME: DW:VILL

JSER NAME = WILSONDA

DESIGNED -

CHECKED

DRAWN

DATE

REVISED

REVISED

REVISED -

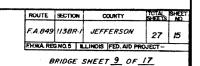
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

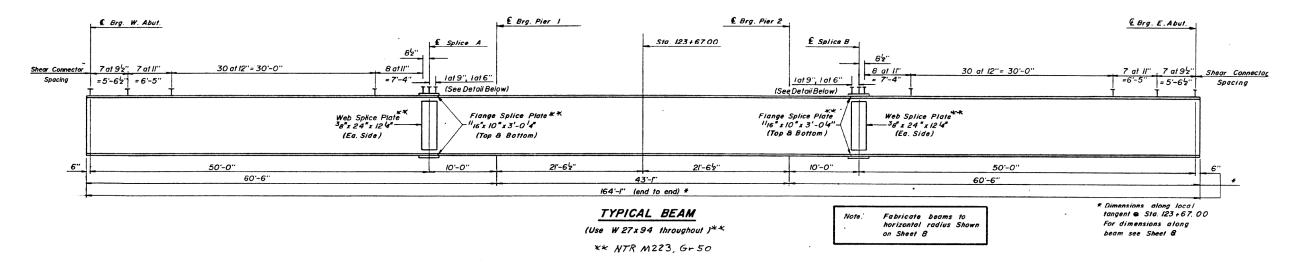
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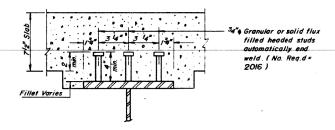
F.A. SECTION COUNTY TOTAL SHEET

VAR D9 BRIDGE PAINT 2019-1 VARIOUS 50 16

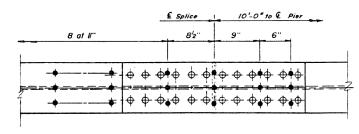
CONTRACT NO. 78677







SHEAR STUDS



PLAN DETAIL

- (Stud Spacing @ Flange Splice)
- Shear Connector
- NOTE: Splice A shown, Splice B

INTERIOR GIRDER MOMENT TABLE 0.45p.1 Pier 0.5 Sp. 2 Is (in 4) 3270 3270 3270 Ic (in.4) 10434 Ss (in.3) 243 243 243 Sc (in.3) 374 € (K/I) 1.040 1.040 M & ('K) s & (K/I) Ms &('K) 231 .302 - 286.3 - 46 105 M L ('K) 424 - 177 185 56 Mimp.('K) 114 - 52 53(ML+1) ('K) 897 1603 402 - 382 Ma ('K) 781 Mu (K) 2280 1158 fs 2 non-comp (k.s.i.) 11.4 -2.2 3.5 19.5 fs53 (4+1)(k.s.i.) -18.8 28.8 fs(Overload) (k.s.i.) 17.3 43.7 - 32.9 fs(Total)(k.s.i.) - 42.8 49.4 VR (K)

INTER	7OR	GIRDER REACT!	ON TABLE
		Abut.	Pier
R₽	(K)	26.5	58.4
RŁ	(K)	35.9	46.1
Imp.	(K)	9.7	12.4
RTatel	(K)	721	16.9

- # Mu = Full Plastic Moment Capacity for Compact, Braced section ** Non-compact section

 Ma (Appied Moment) = 1.3 [M & + Ms & + 53 (M & + 1)]

NOTES

- I_{c} and S_{c} are the moment of inertia and section modulus of the composite section used in computing f_s (Total Overload).
- $I_{\mathbf{S}}$ and $S_{\mathbf{S}}$ are the moment of inertia and section modulus of the steel section used in computing $f_{\rm S}$ (Total Overload). VR is the maximum £ * impact shear range in span.
- The Fully Plastic Moment capacity (Mi,) is computed according to AASHTÓ 10.48.1 8 10.50.1.1.
- Is (Total) is the sum of the stresses due to 1.3 [M ℓ + M_s ℓ + 5 3(M ℓ + I]
- fs (Overload) is the sum of the stresses due to M ? 1 Ms ? 1 fs (M £ 1 I)
- M 2 Moment due to dead loads on non-composite section.
- M. 2- Moment due to dead loads on composite section.
- M'E Moment due to live load on non-composite or composite section
- I Live load impact.
- See General Notes #6 Sheet No. I for

STRUCTURAL STEEL DETAILS

FA. RTE. 849 (ILL. 142)/ CASEY FORK R.

SECTION 113BR-1 JEFFERSON COUNTY STATION E3+67.00 STRUCTURE NO. 041-0042

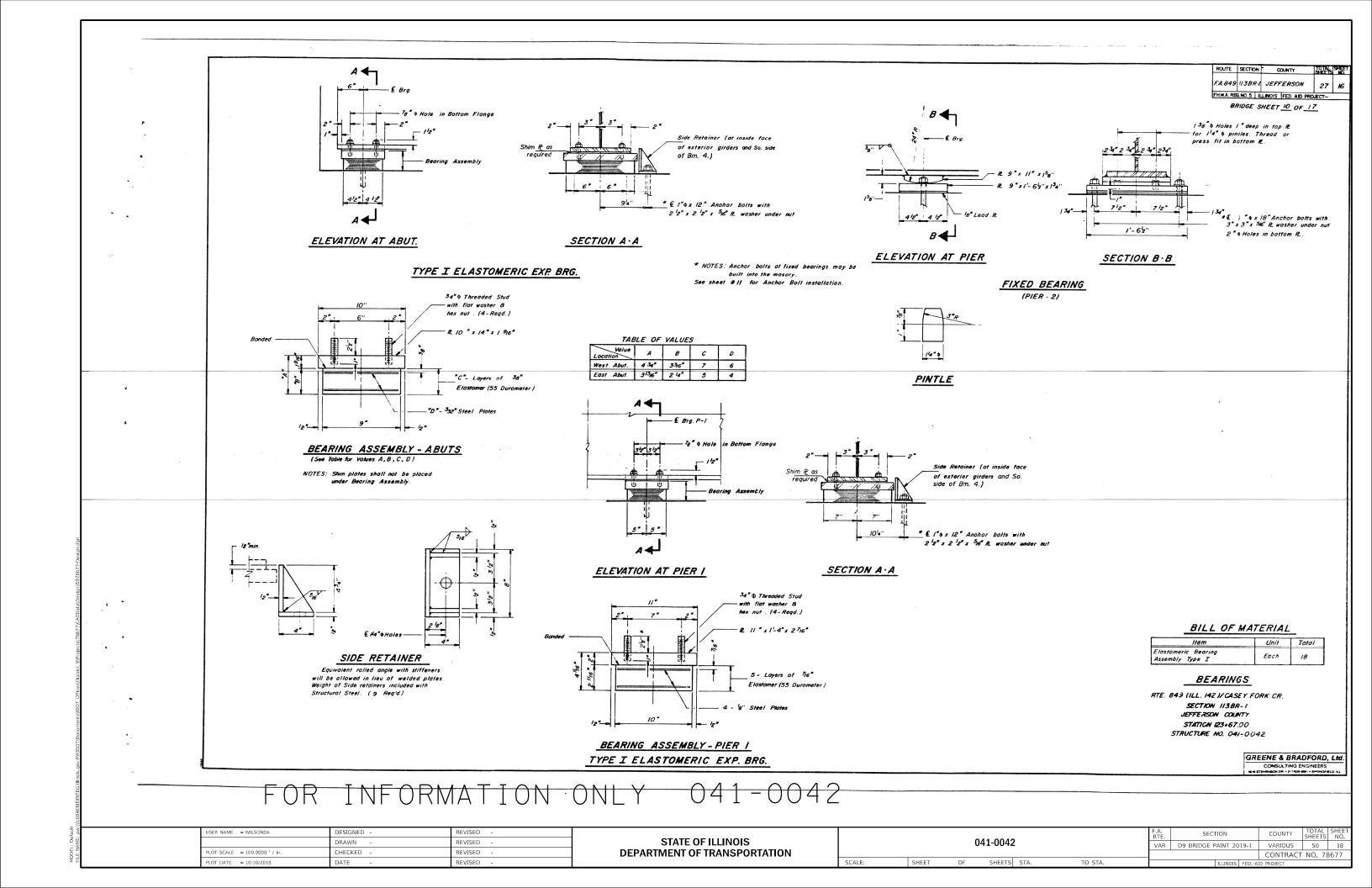
> GREENE & BRADFORD, Ltd. CONSULTING ENGINEERS
>
> ** STEVENSON OR ** 217/23-3881 ** \$PRINGER

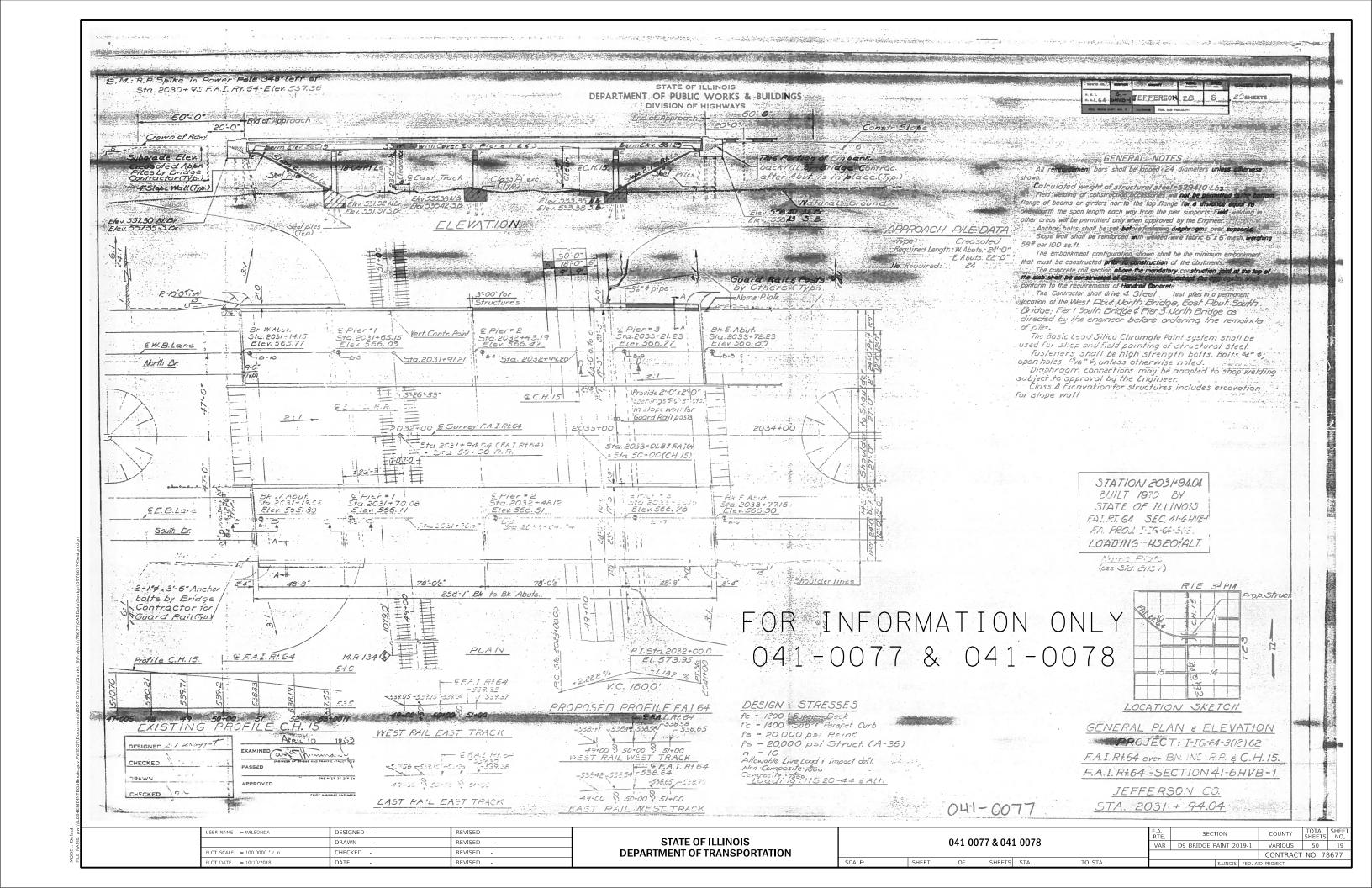
avoid Hange spiice bolls.	FOR	INFORMATION	ONLY	041-0042

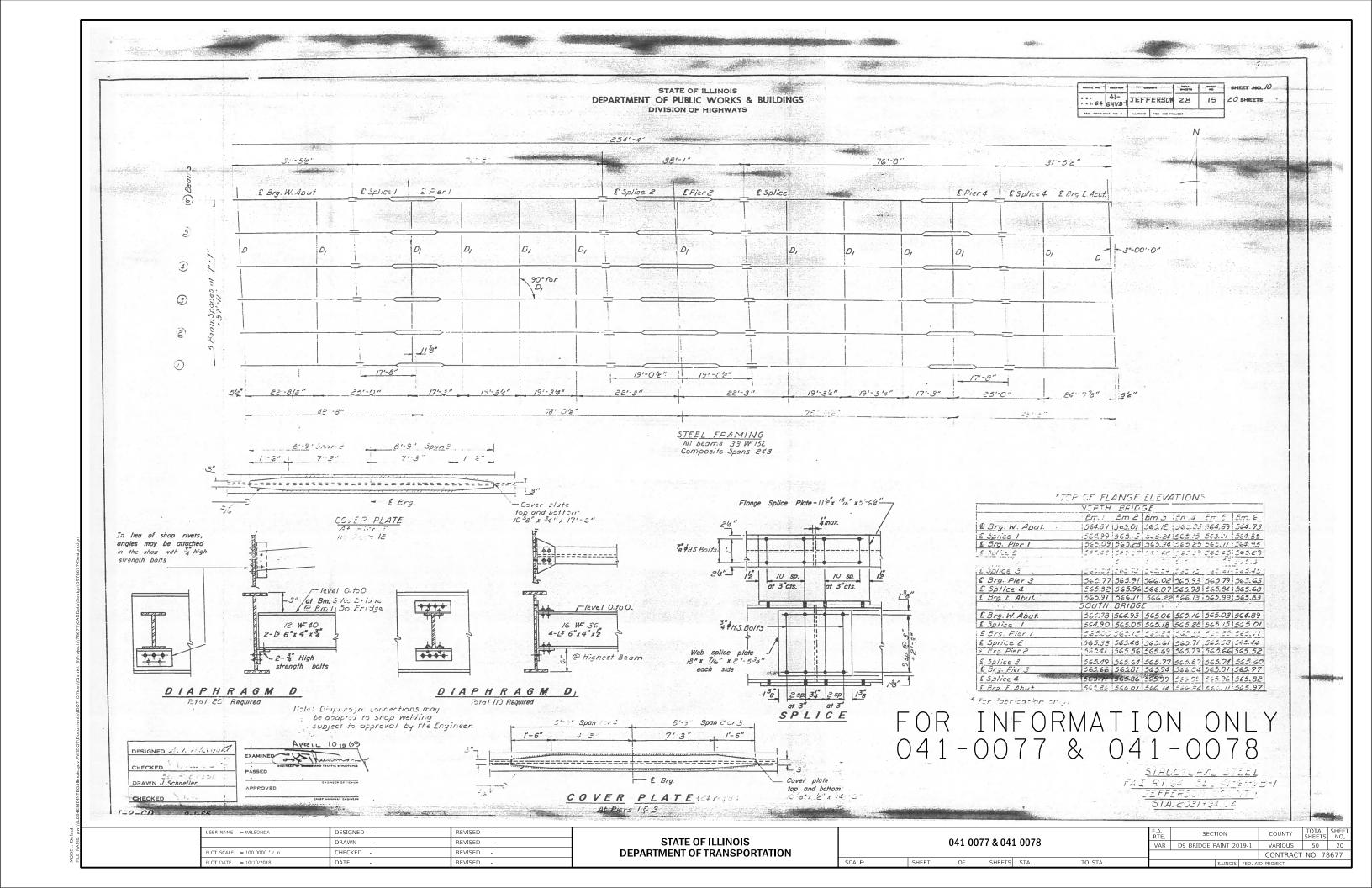
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	DRAWN -	REVISED -
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PLOT DATE = 10/10/2018	DATE -	REVISED -

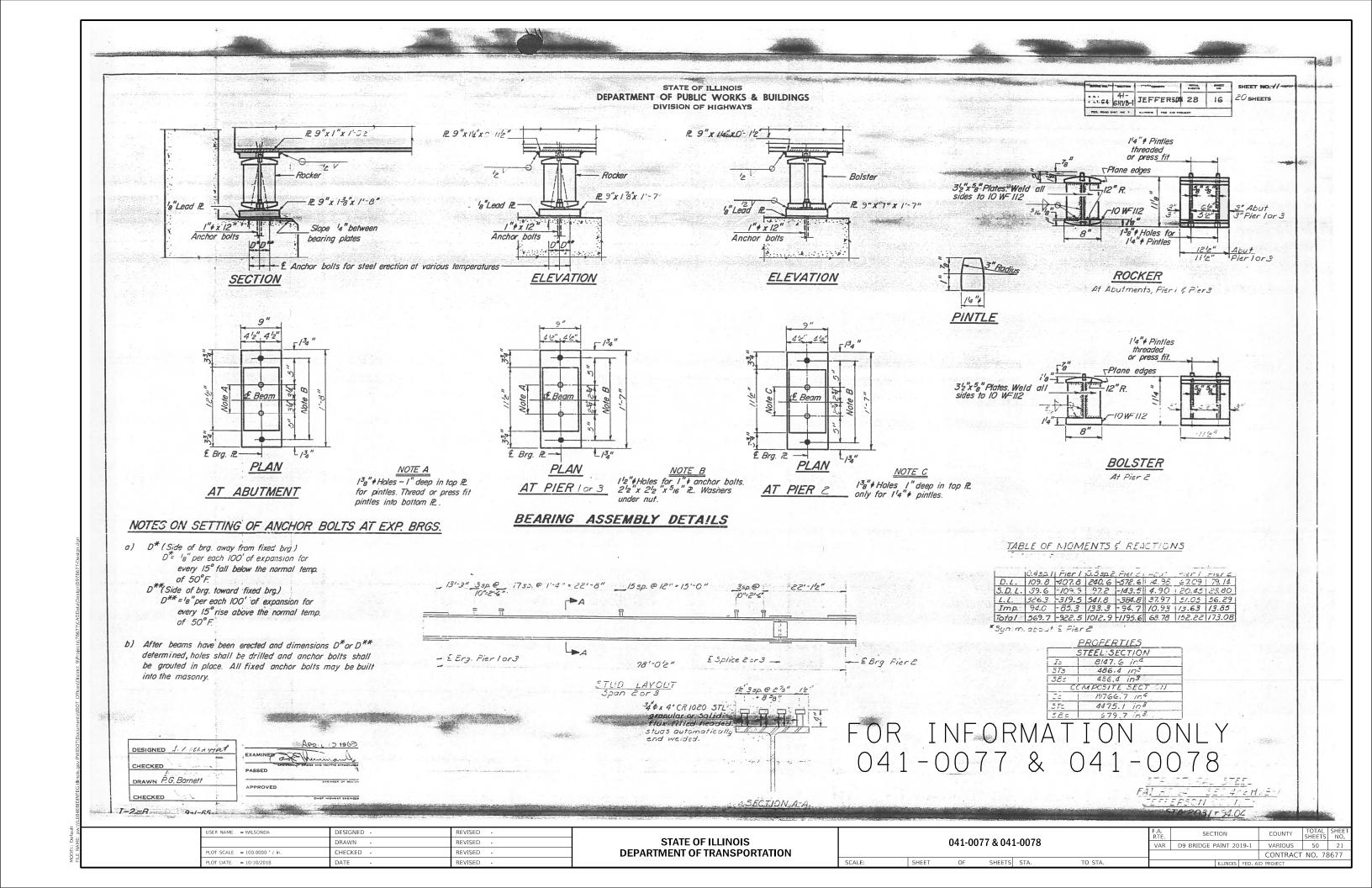
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

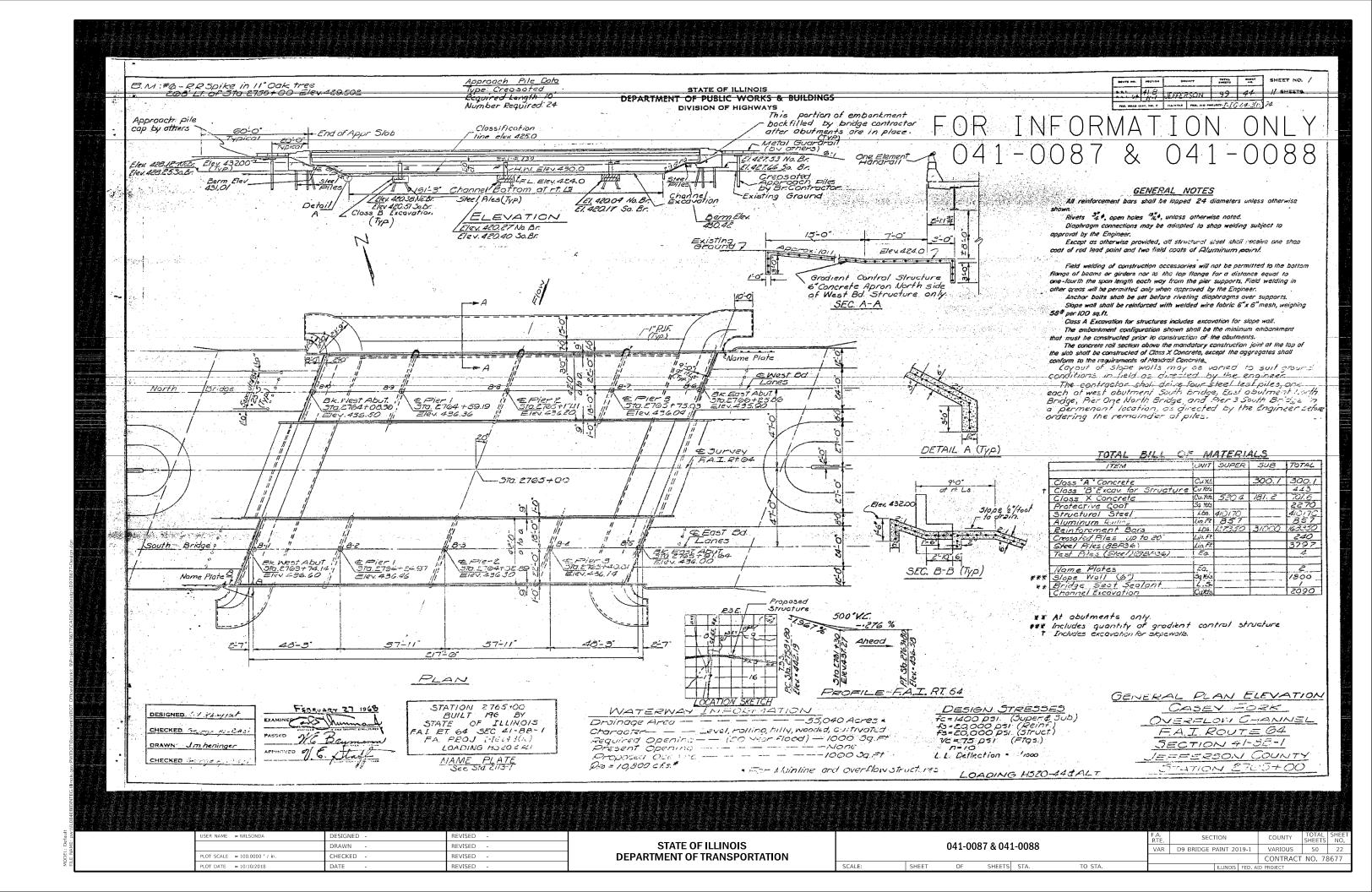
0.44, 0.042					F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.	
041-0042				VAR	D9 BRIDGE PAINT	Г 2019-1	VARIOUS	50	17		
									CONTRACT	NO. 78	3677
	SHEET	OF	SHEETS	STA	TO STA		TLLIN	IOIC CED A	D DDOJECT		

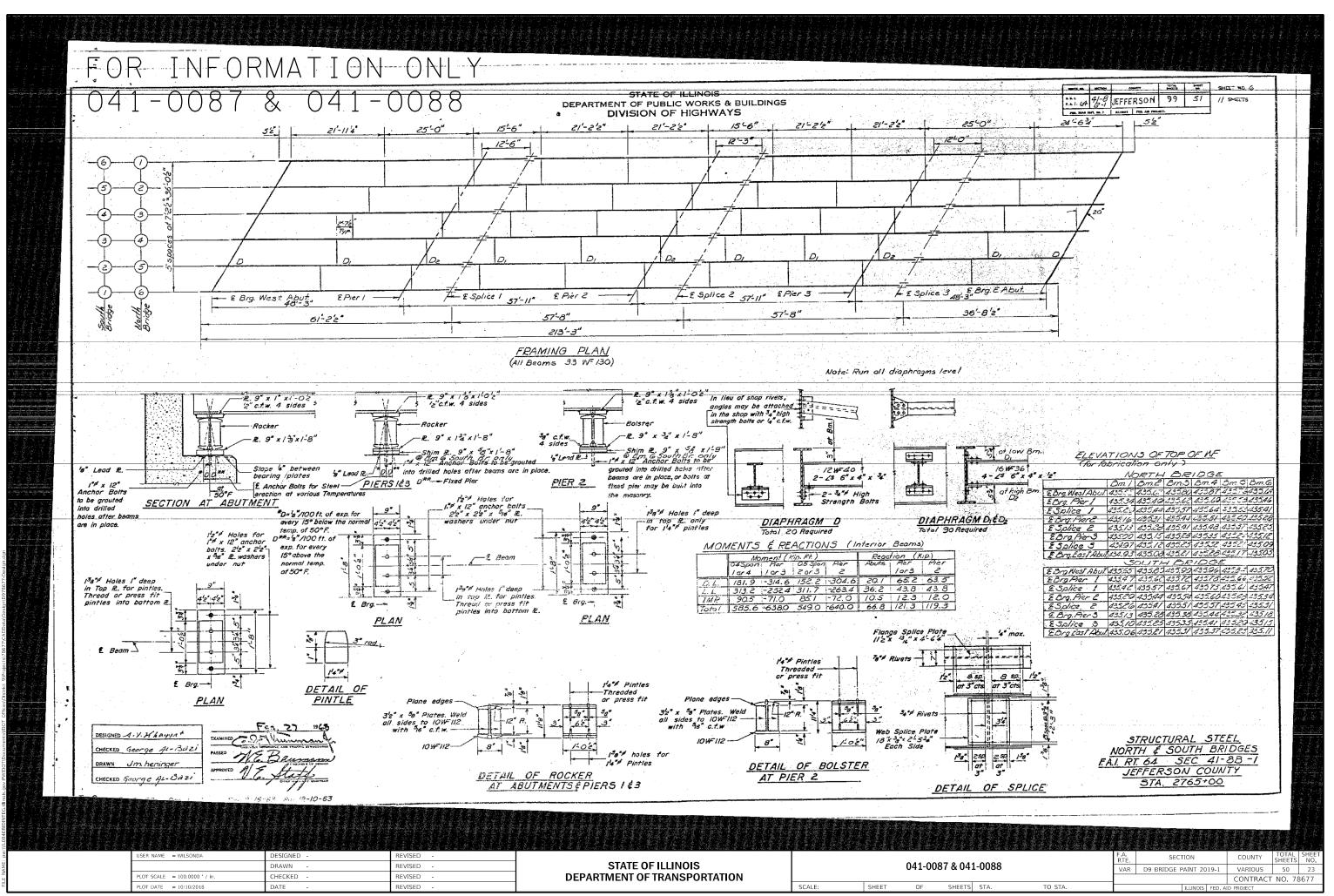


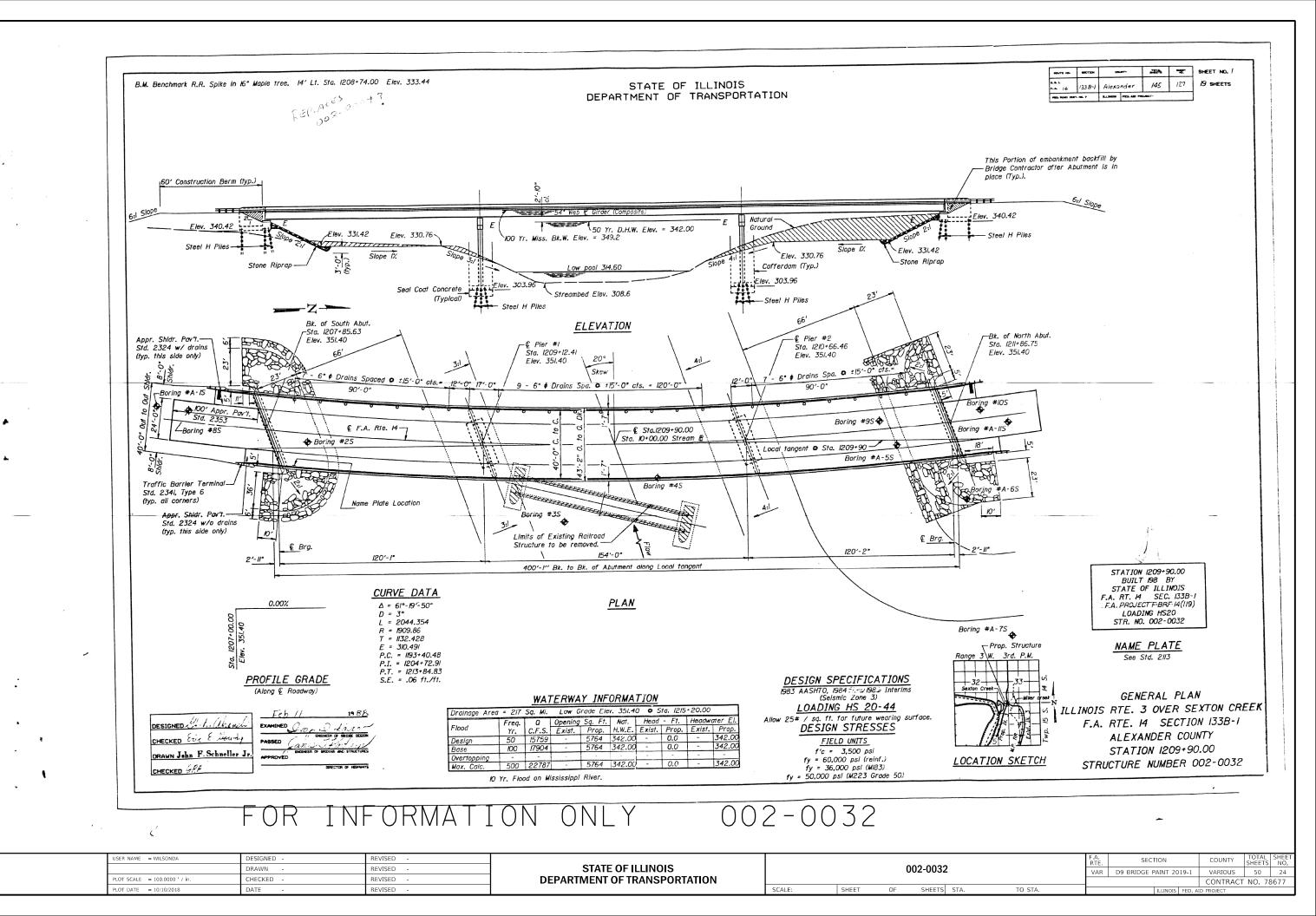


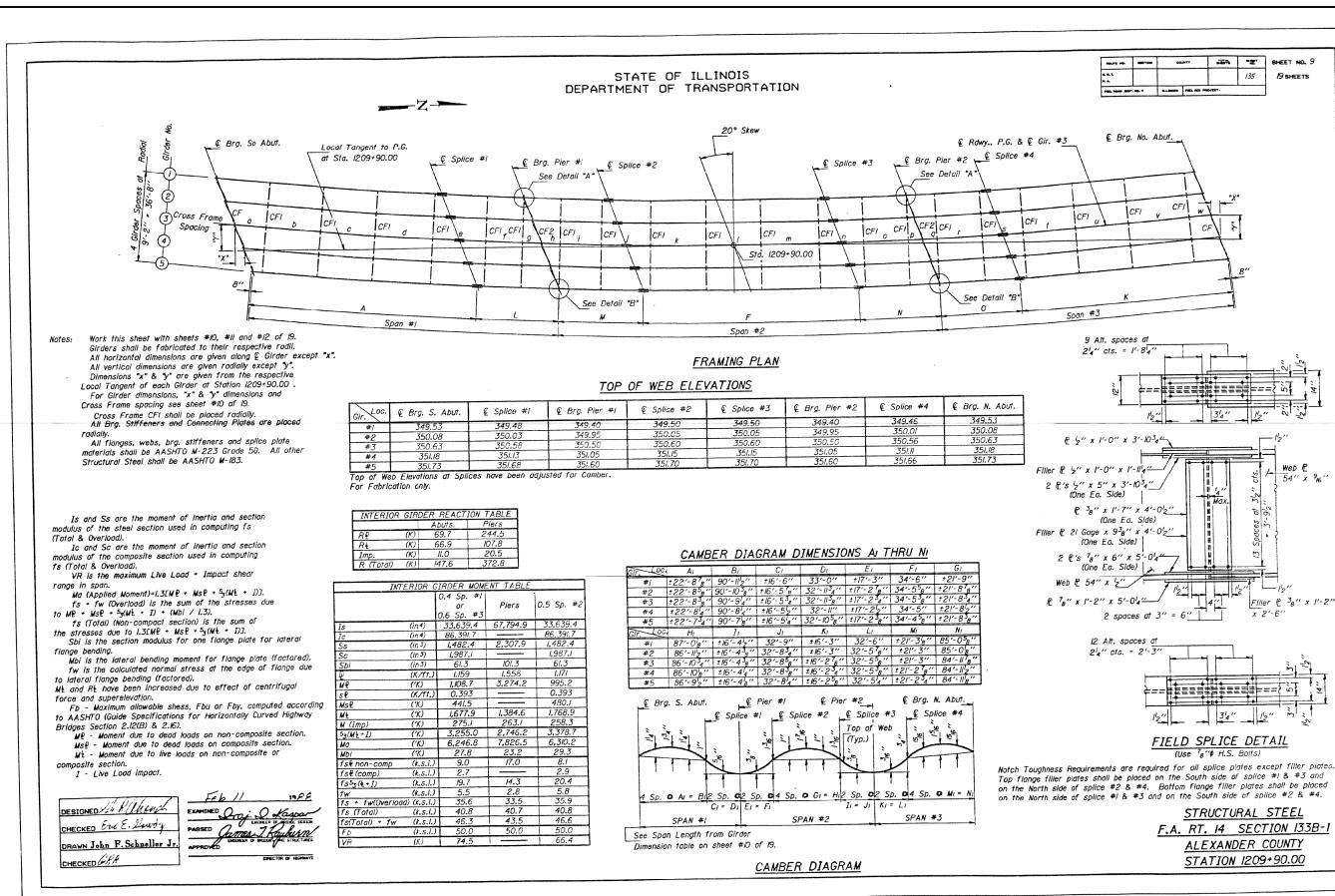












135

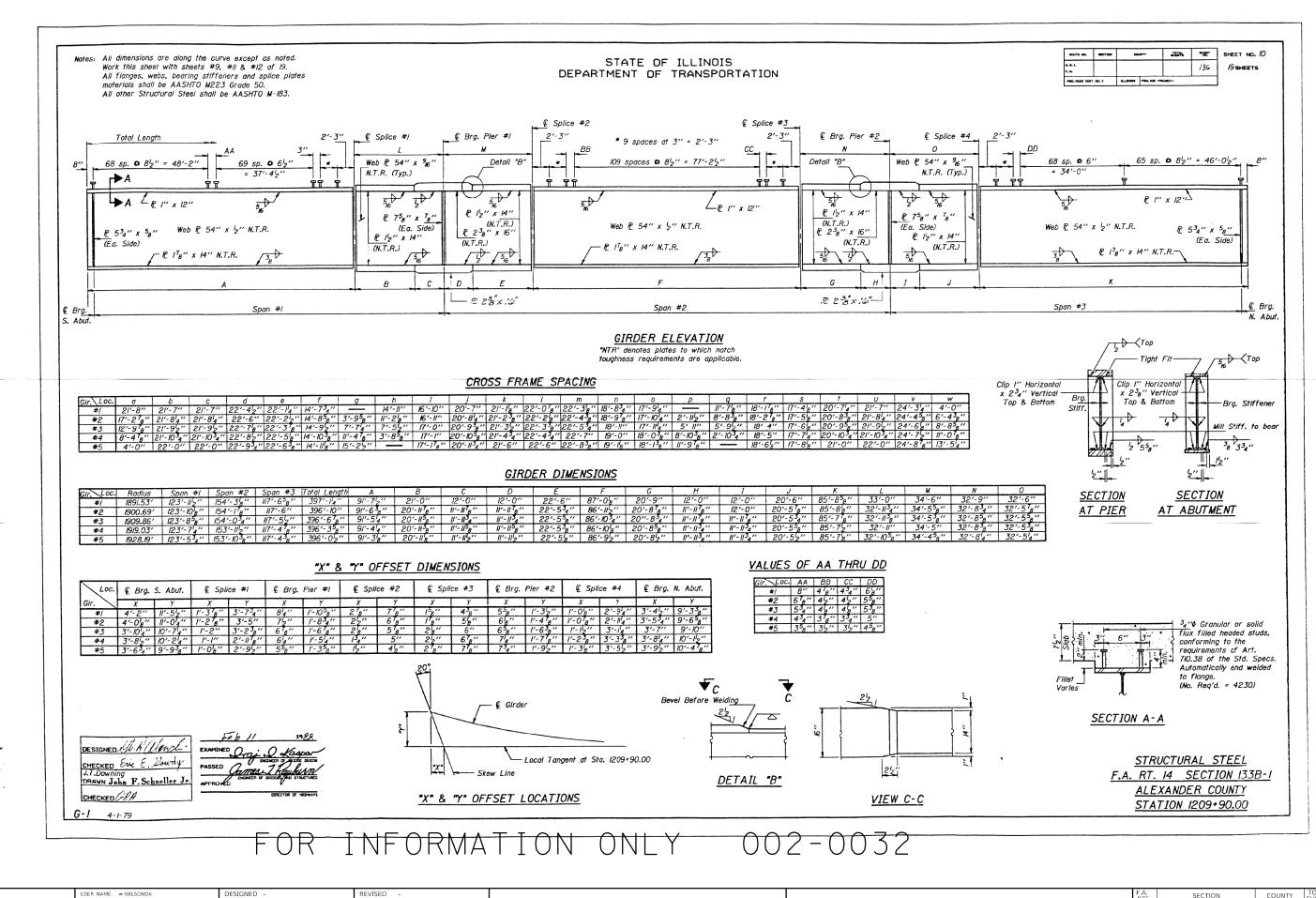
19 SHEETS

Filler P. 38" x 1'-2"

x 2'-6

FOR INFORMATION ONLY 002-0032

USER NAME = WILSONDA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	002-0032							SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -									D9 BRIDGE PAINT 2019-1	VARIOUS	50	25
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -									CONTRAC	T NO. 7	8677	
PLOT DATE = 10/10/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		



DRAWN

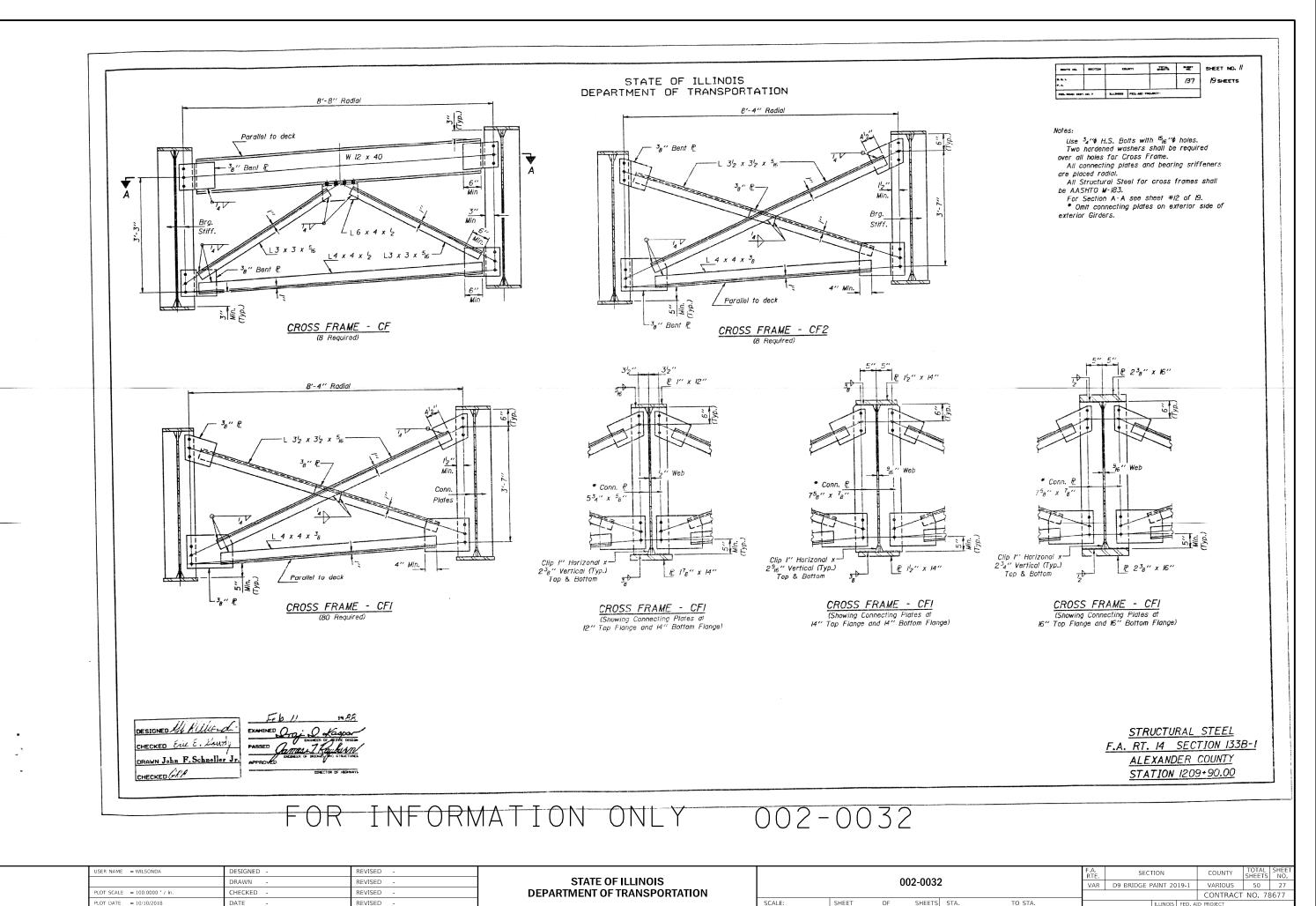
DATE

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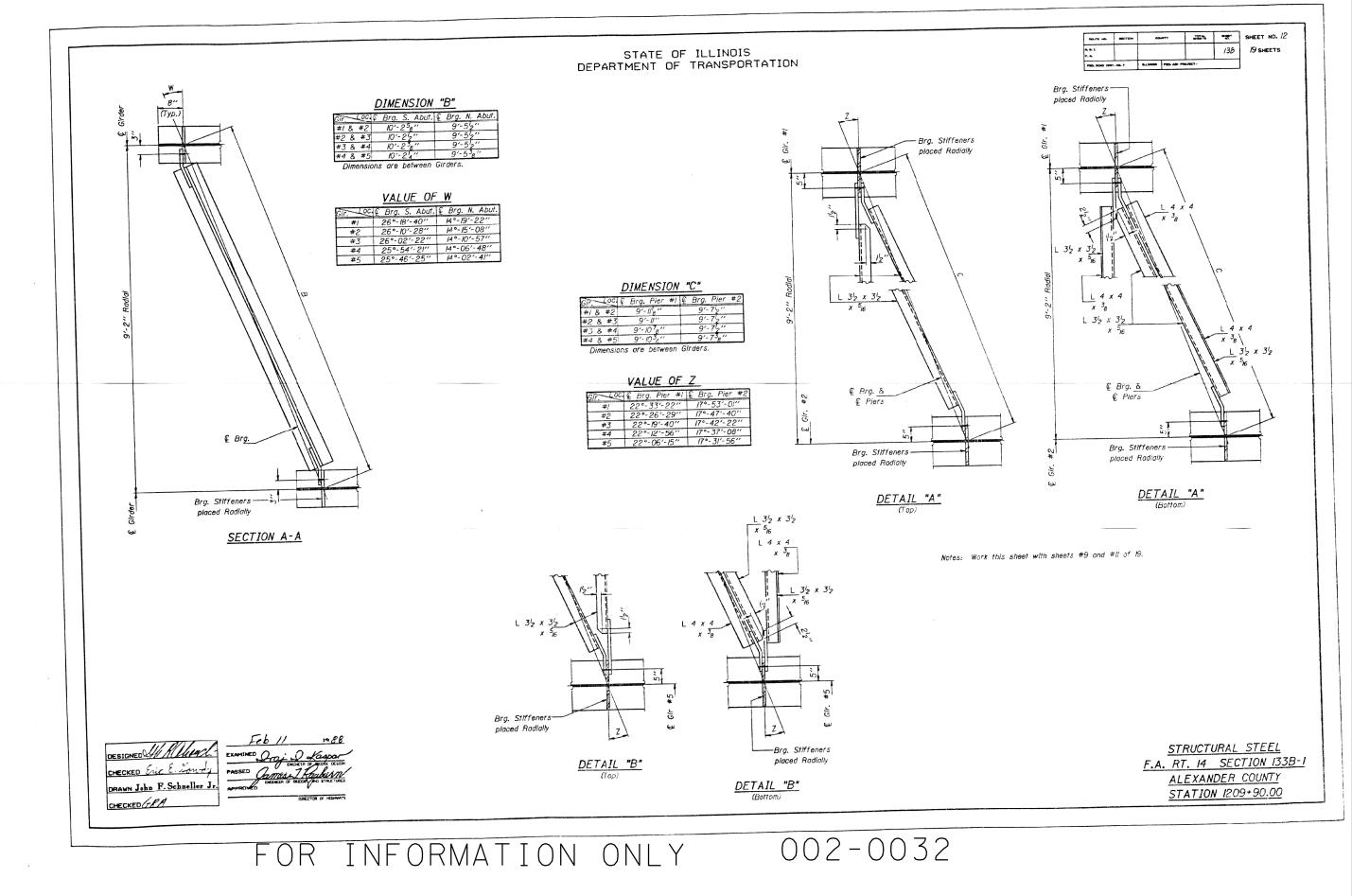
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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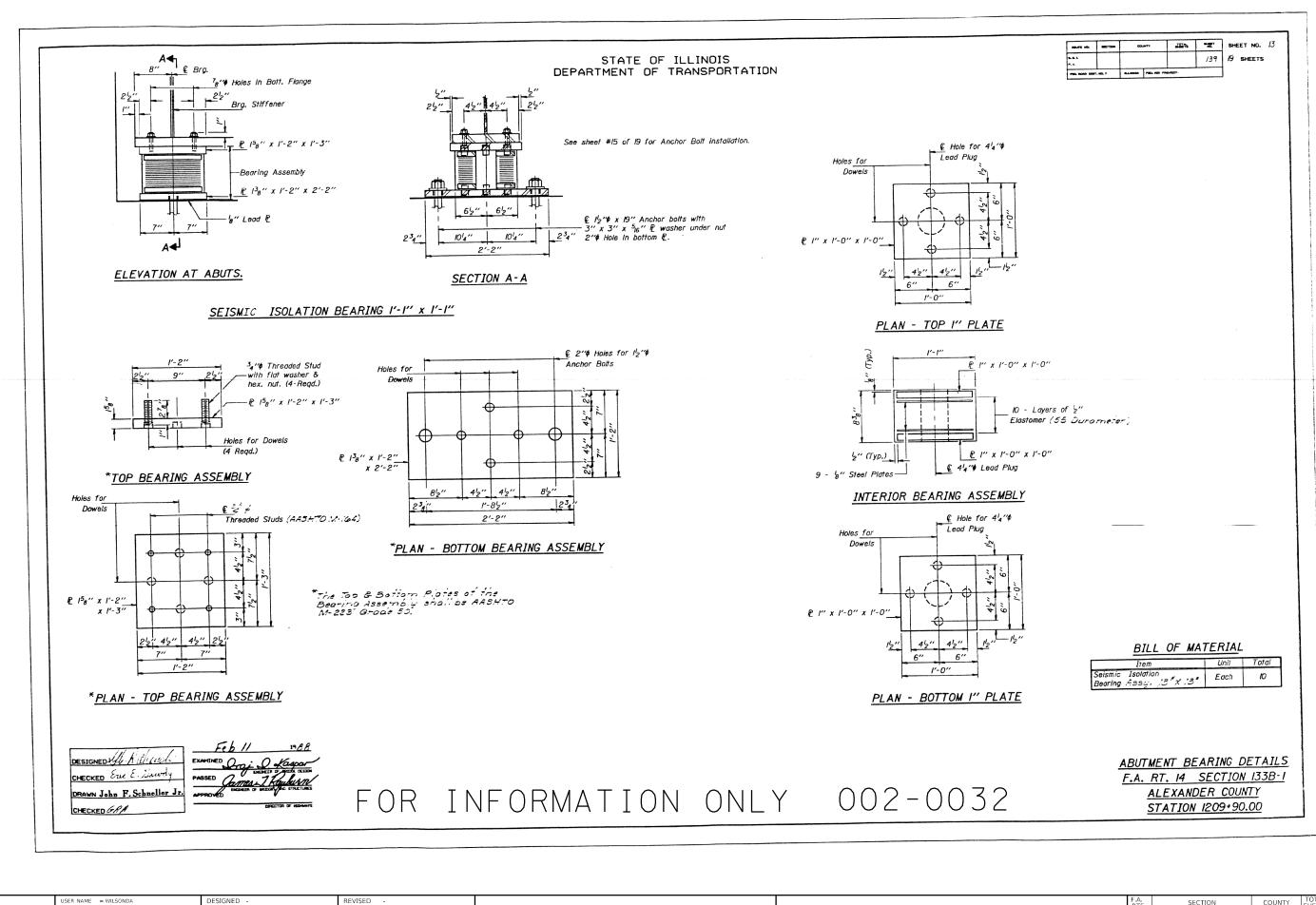
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DATE

DESIGNED -REVISED -CHECKED REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

002-0032					F.A. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
					VAR	D9 BRIDGE PAINT 20	19-1	VARIOUS	50	28	
									CONTRACT	NO. 78	3677
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				



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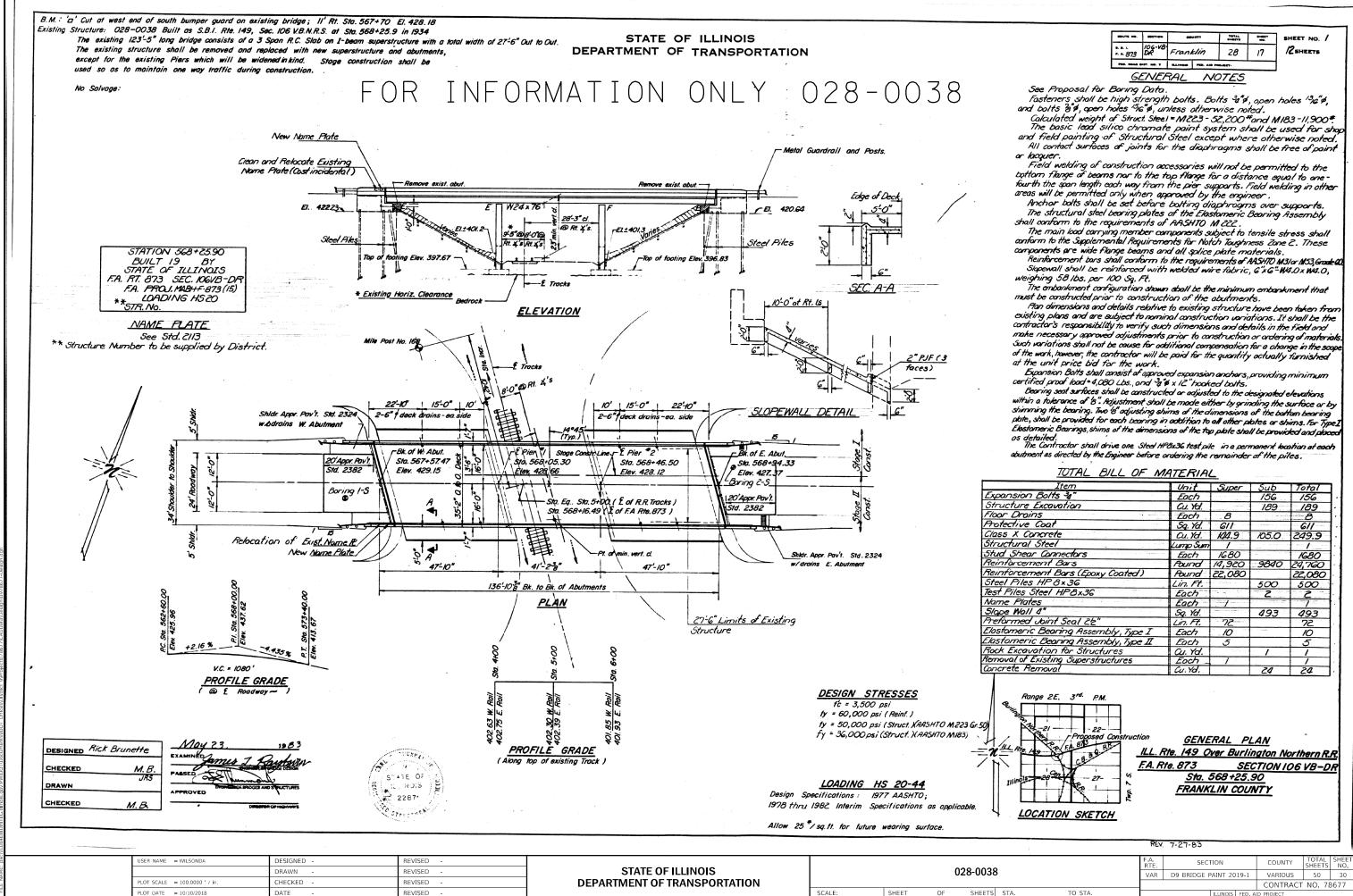
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

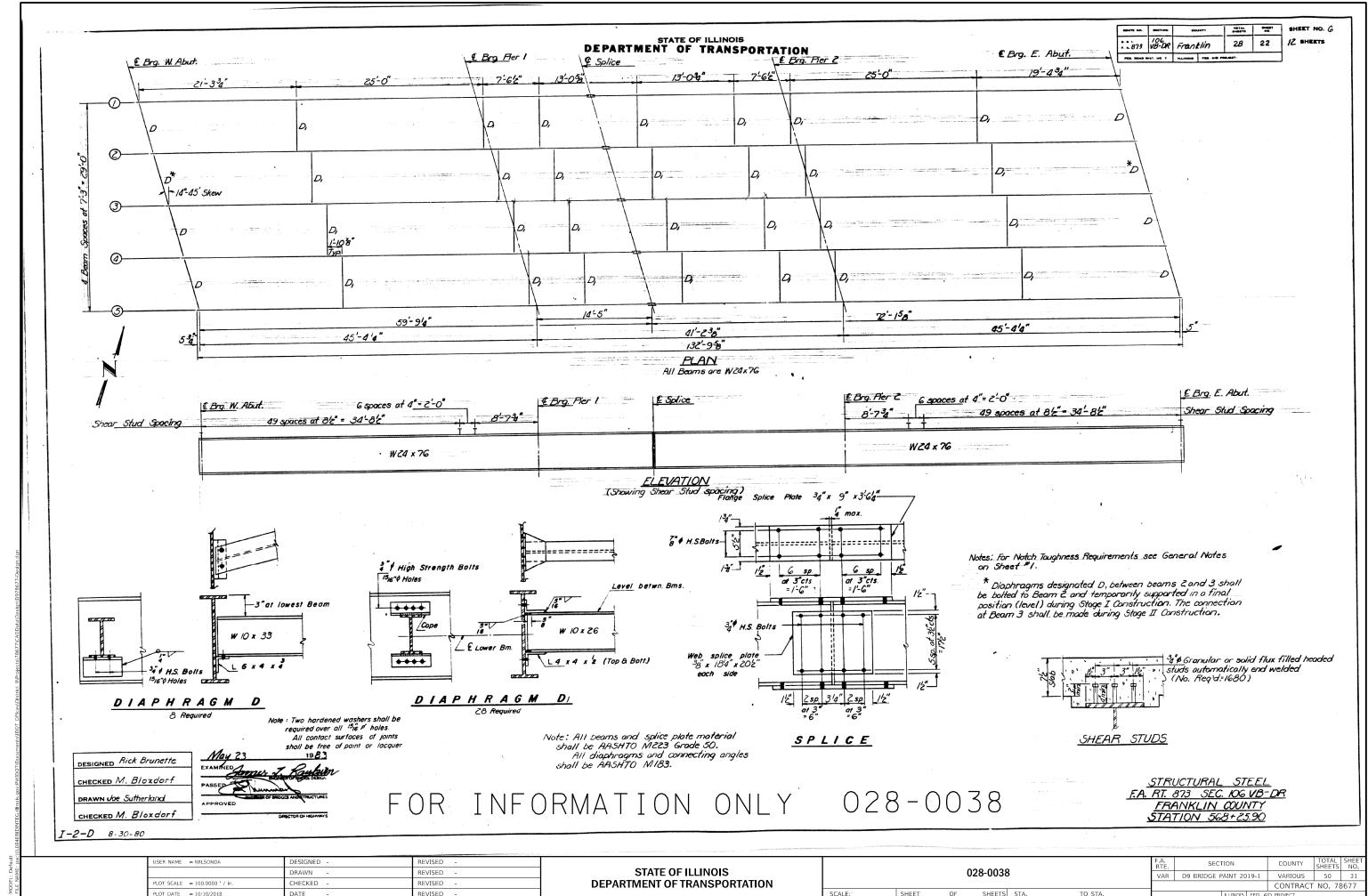
002-0032
SHEET OF SHEETS STA.

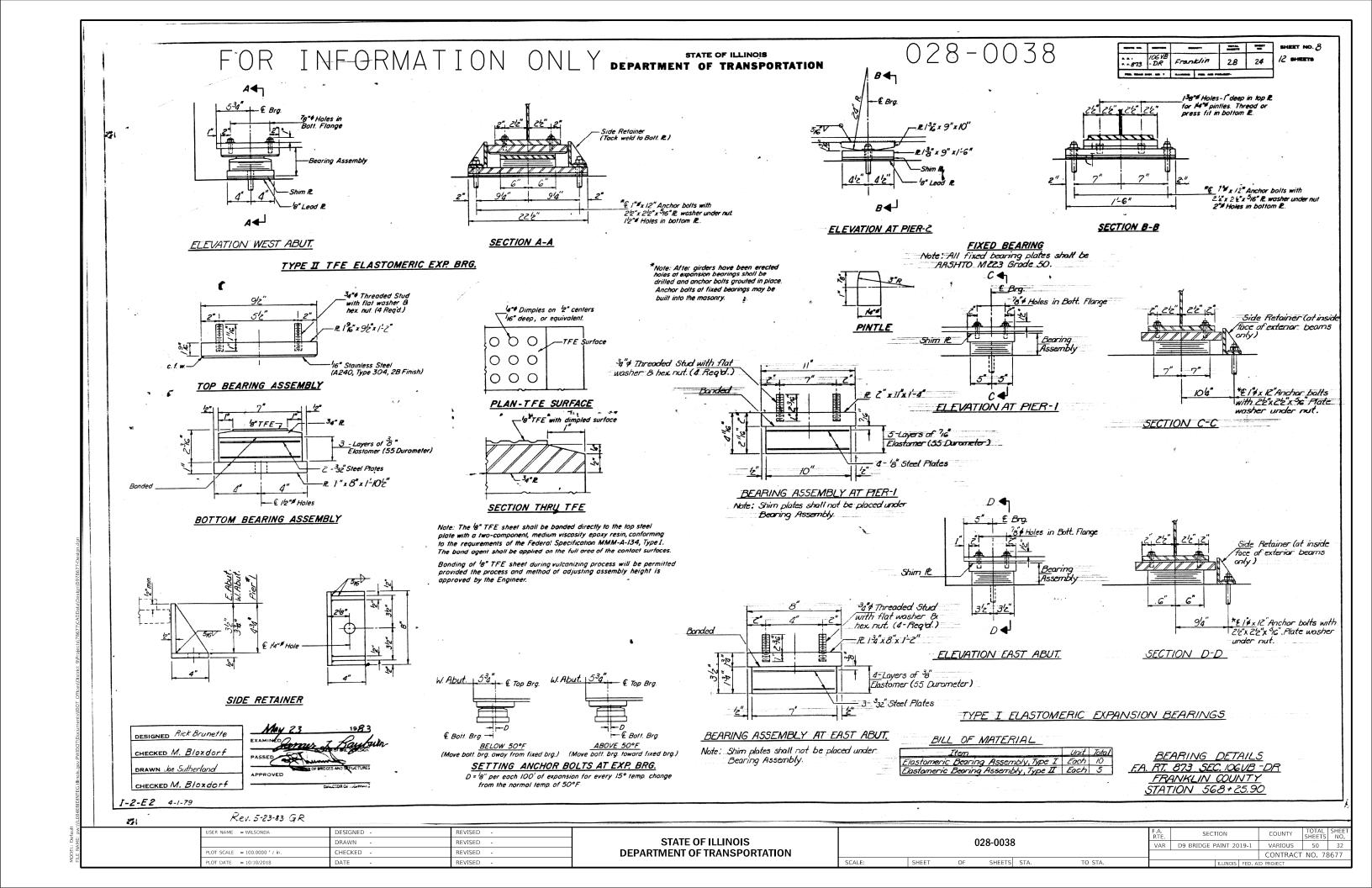
 F.A. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEETS NO.

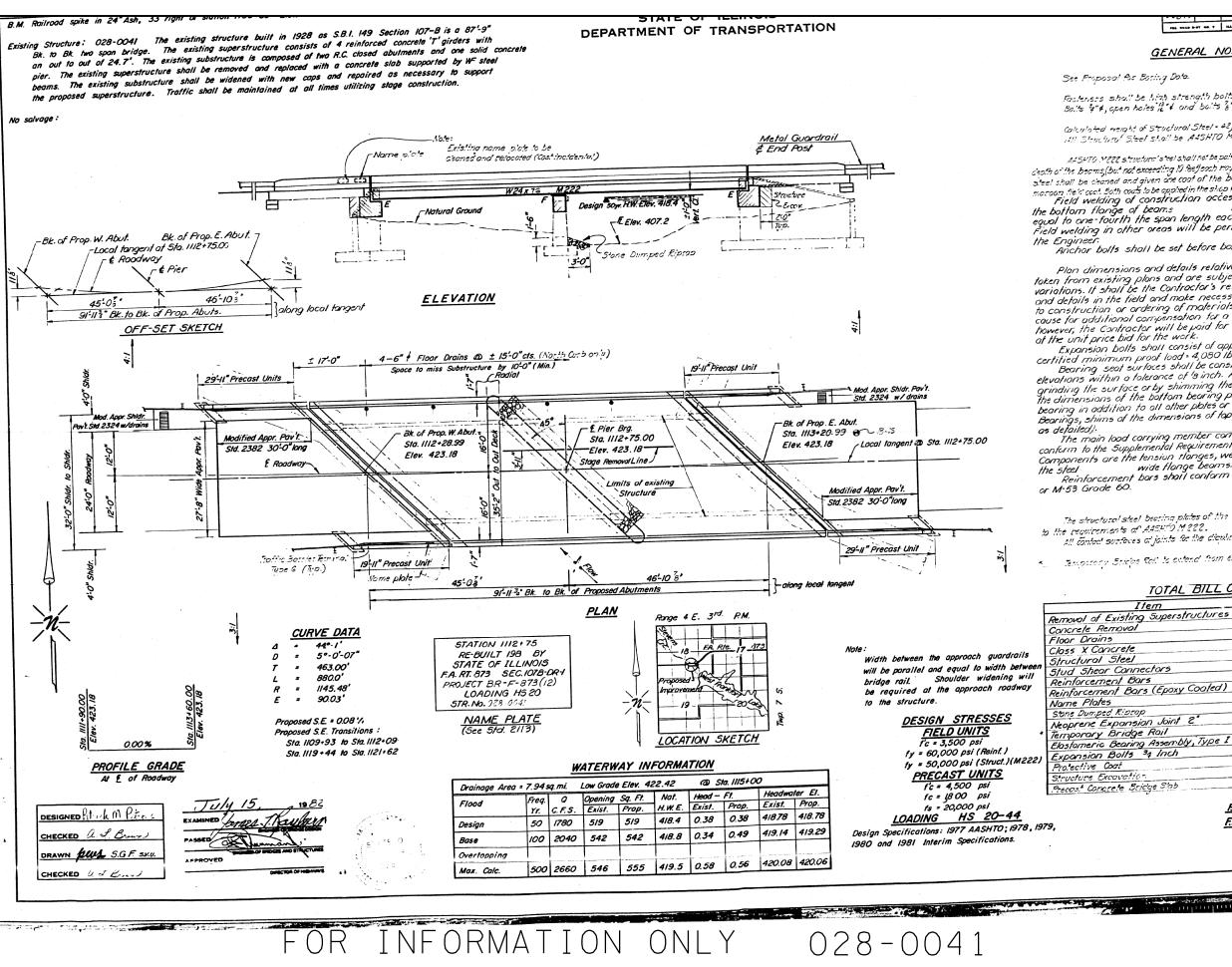
 VAR
 D9 BRIDGE PAINT 2019-1
 VARIOUS
 50
 29

 CONTRACT NO. 78677









GENERAL NOTES

See Proposal for Boring Data.

Fosteners shall be frint strength bolts (AASHTO M 164, Tuo: 3).
Bolts '4" 4, open holes 16" 4 and bolts 8" 4, open holes 16" 4, unless atherwise noted.

PER BOAR BIST MG. 7 SALINGIS PER AIR PROJECT-

Calculated weight of Structural Steel - 42,980 Pounds. All Structure Steel shall be A4SHTO M 222.

445470 M222 structure's teel shall not be painted except, that for a distance of three times the

ASSMO MEZE structural's tell shall not be pointed eropol, that for a distance of three times the death of the beams (but not exceeding 10 feel each may from dock points, the AASHTO MEZE structural steel shall be cleaned and given are cool of the basic load silico chromate primes and marcoon field cool to be applied in the shap with spot pointing only in the field melding of construction accessories will not be permitted to field welding of construction accessories will not be permitted to the bottom flange of beams nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other oreas will be permitted only when approved by the Enaineer.

Anchor bolls shall be set before bolting diaphrogms over supports.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. If shall be the Contractor's responsibility to verify such dimensions variations. If snatt we the contractor's responsibility to verify social which and details in the field and make necessary approved adjustments prior to construction or ordering of modernly. Such variations shall not be cause for additional compensation for a change in the scape of the work, however, the Contractor will be poid for the quantity actually furnished of the unit price bid for the work.

of the unit price bid for the work.

Expansion bolls shall consist of approved expansion anchors, providing Expansion bolls shall consist of approved expansion anchors, providing certified minimum proof load = 4,080 lbs., and ¾ ½ ½ 1/2" hooked bolls. Certified minimum proof load = 4,080 lbs., and ¾ ½ ½ hooked bolls. Certified minimum seaf seaf surface shall be constructed or adjusted to the distributions within a talerance of 8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two '6 "adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims. (For Type I Elastomeric Bearings, shims of the dimensions of top plate shall be provided and placed Bearings, shims of the dimensions of top plate shall be provided and placed as defailed).

as defailed;

The main load carrying member components subject to tensile stress shall confurm to the Supplemental Requirements for Notch Toughness Zone 2. These Components are the tension tranges, webs and all splice plate material of the steel wide flonge beams.

Reinforcement bors shall conform to the requirements of AASHTO M-31 or M-53 Grade 60.

The structural steel beating plates of the Elastomeric Beating Assembly shall conform to the requirements of AASETO M 222.

All control surfaces a joints for the circulacoms, shall be free of point as locaver.

TOTAL BILL OF MATERIAL

Temporary Science Roll to extend from end to aid of Approach Povement.

Unit Super Sub. Item Each Removal of Existing Superstructures Cu. Yd. Each 2:5.5 1.5 97.1 Cu. Yd. 1.8.4 1320 Each Stud Shear Connectors 18760 7890 10870 Pound Reinforcement Bors 16870 16870 Pound Reinforcement Bars (Epoxy Coaled) Each 5q. Yd. Lin. Ft. 95 Stone Dumped Riprop Neoprene Expansion Joint & Temporary Bridge Roil 179 Lin. Ft.

Eoch

Each

GENERAL PLAN FA. Rte. 873 Over STEVENS CREEK F.A. Rie. 873 SECTION 107B-DR-1 FRANKLIN COUNTY

10

422

Total

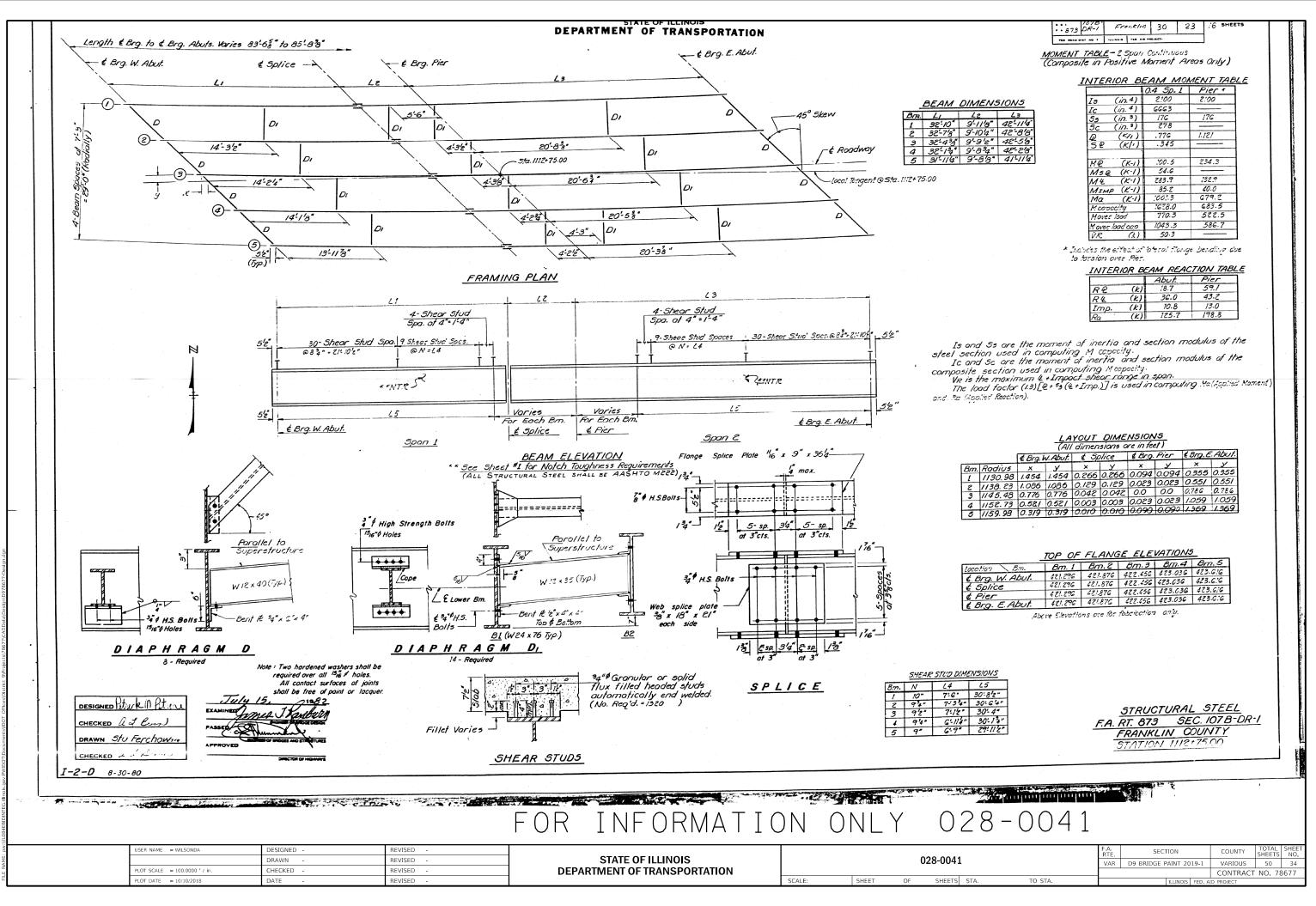
422

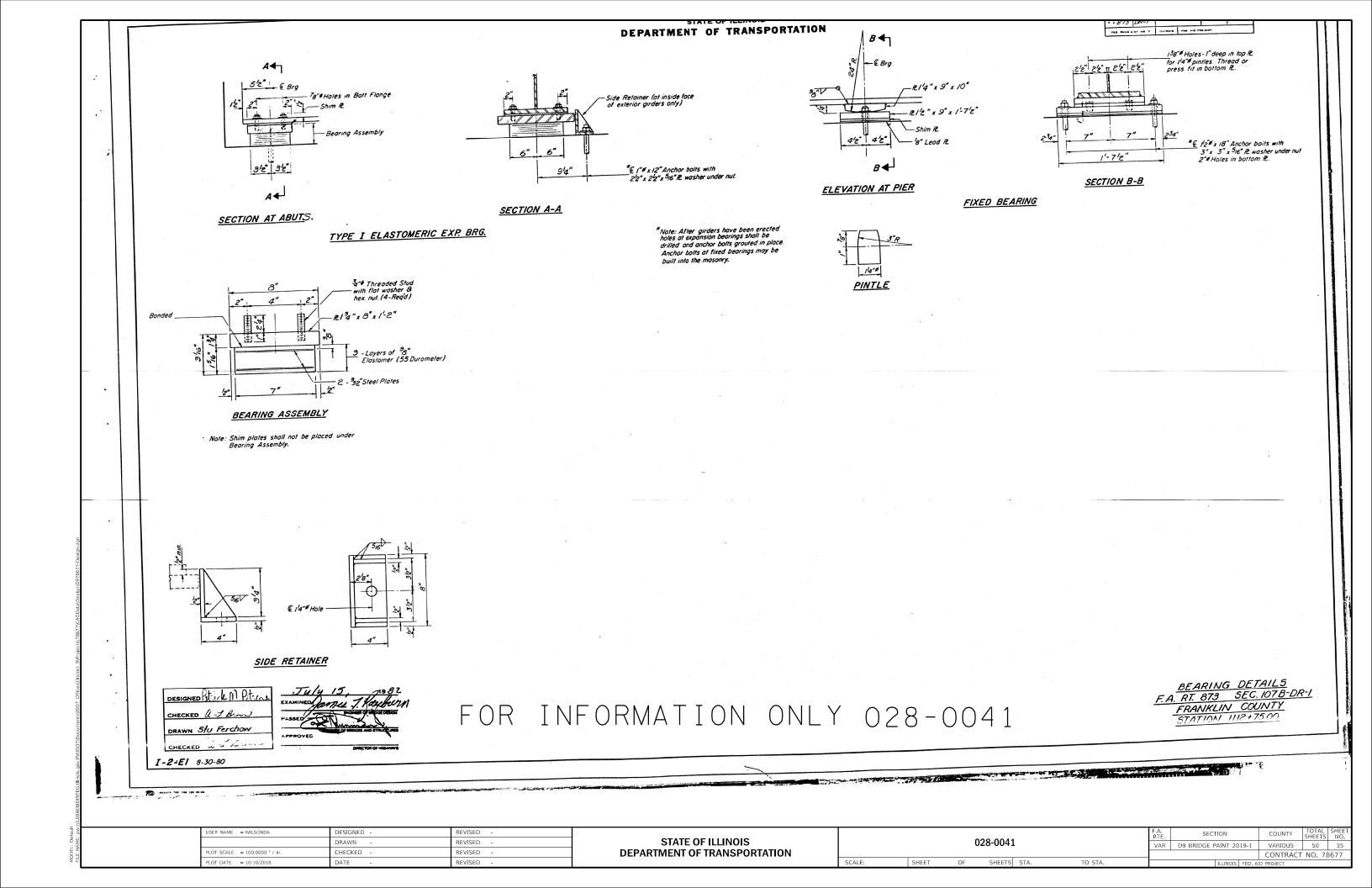
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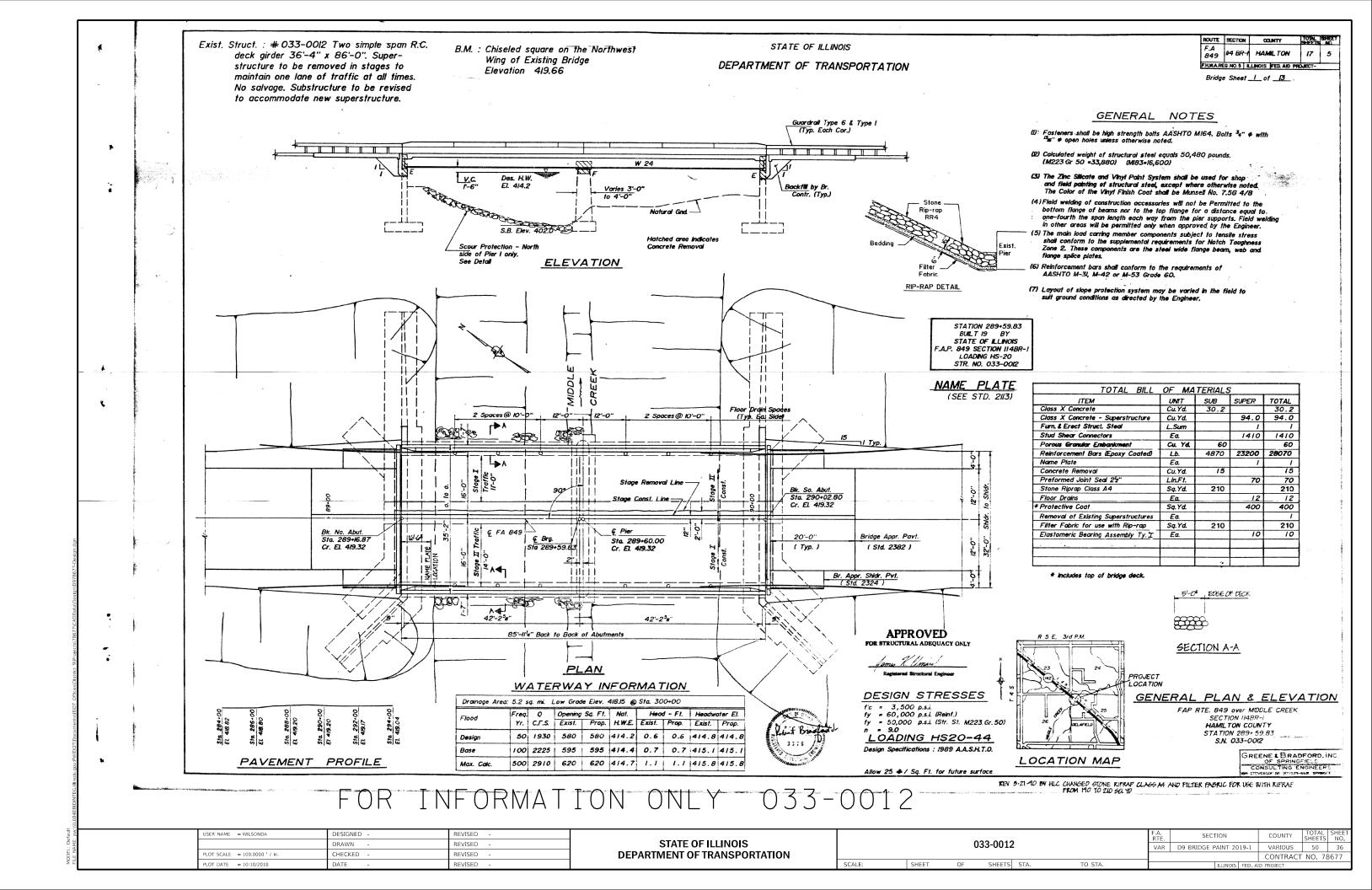
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2018	DATE -	REVISED -

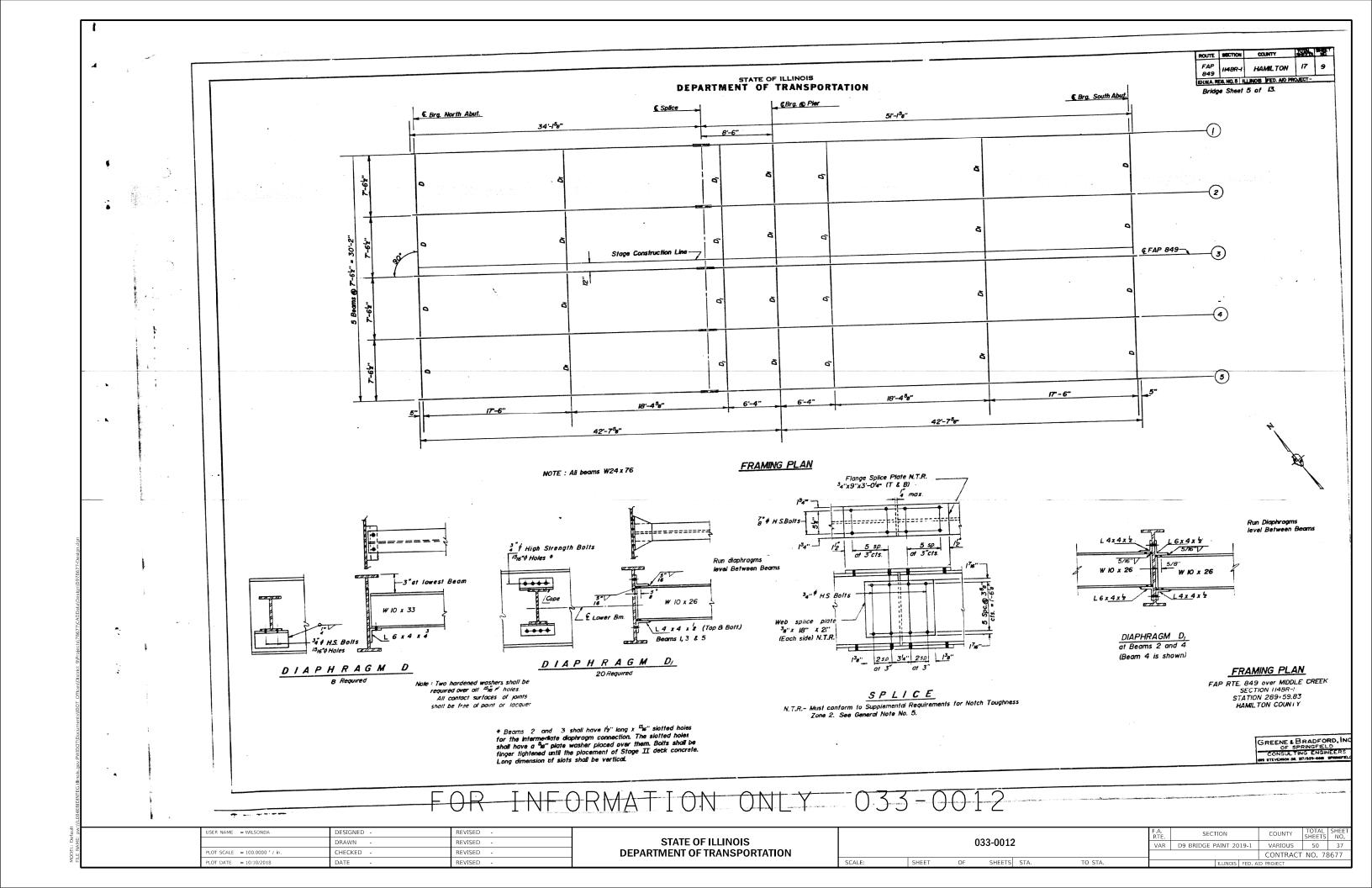
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

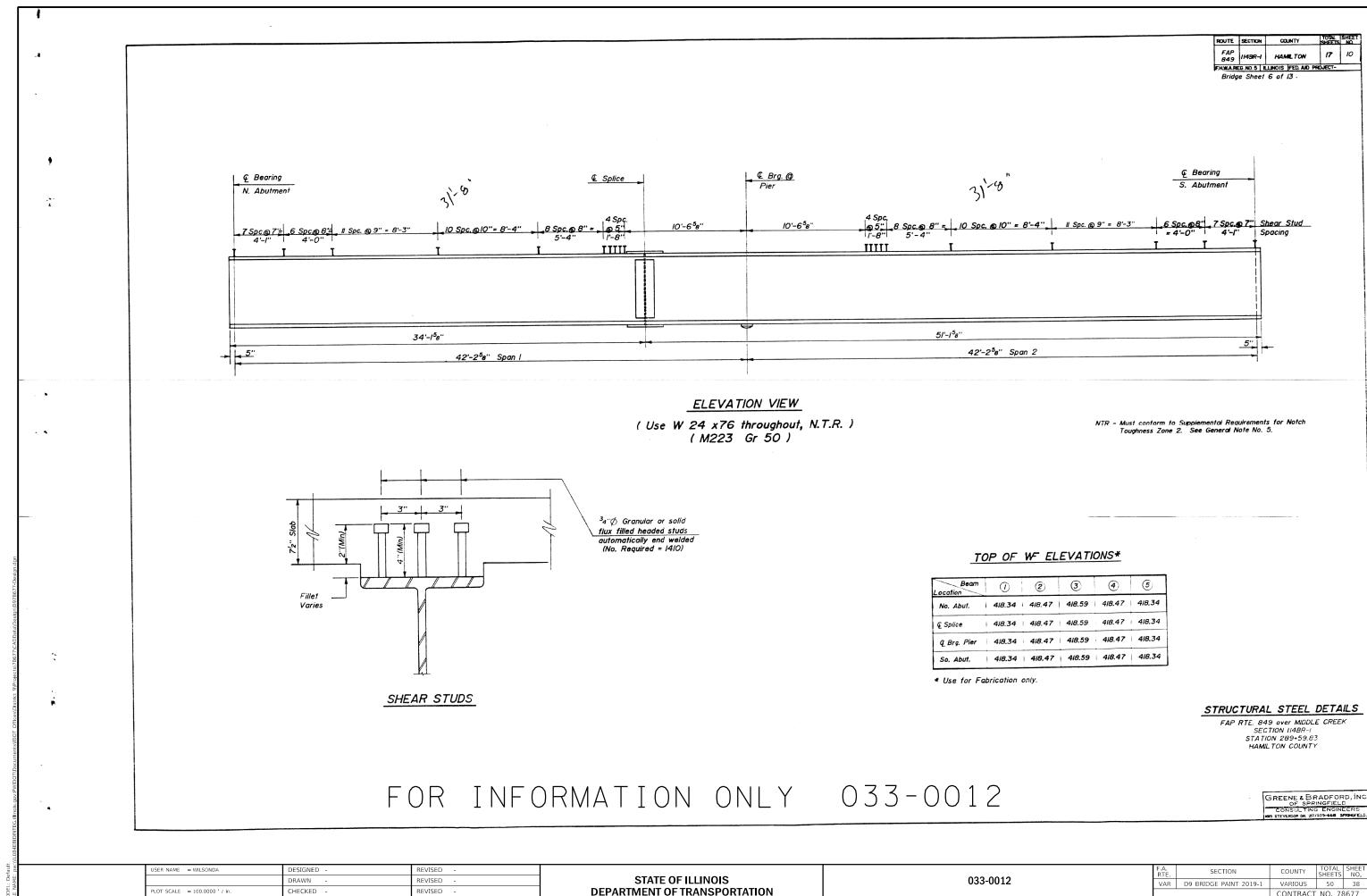
222 2244							SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	028-0041						D9 BRIDGE PAINT 2019-1	VARIOUS	50	33
							CONTRACT NO. 78677			
	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				









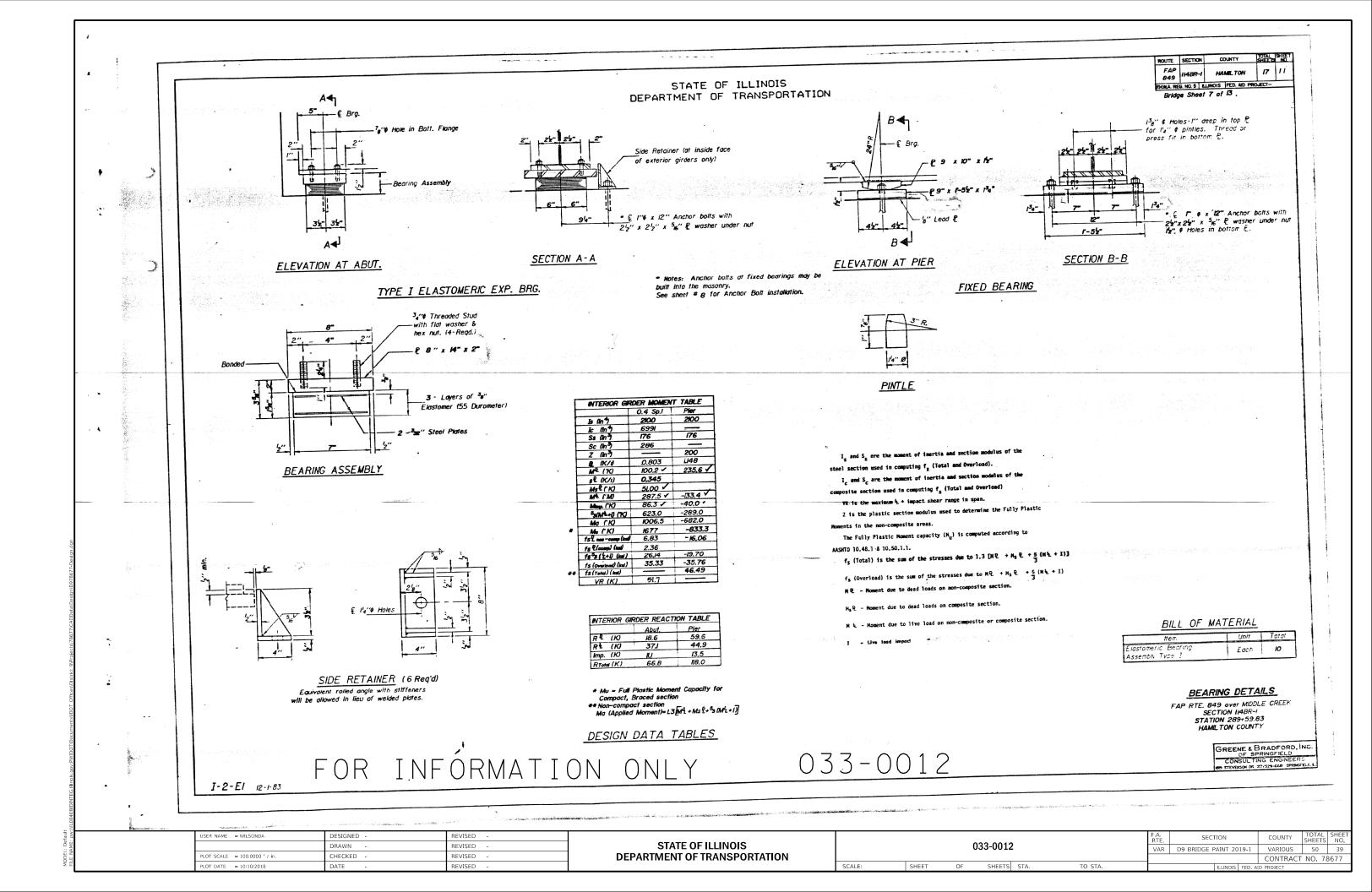


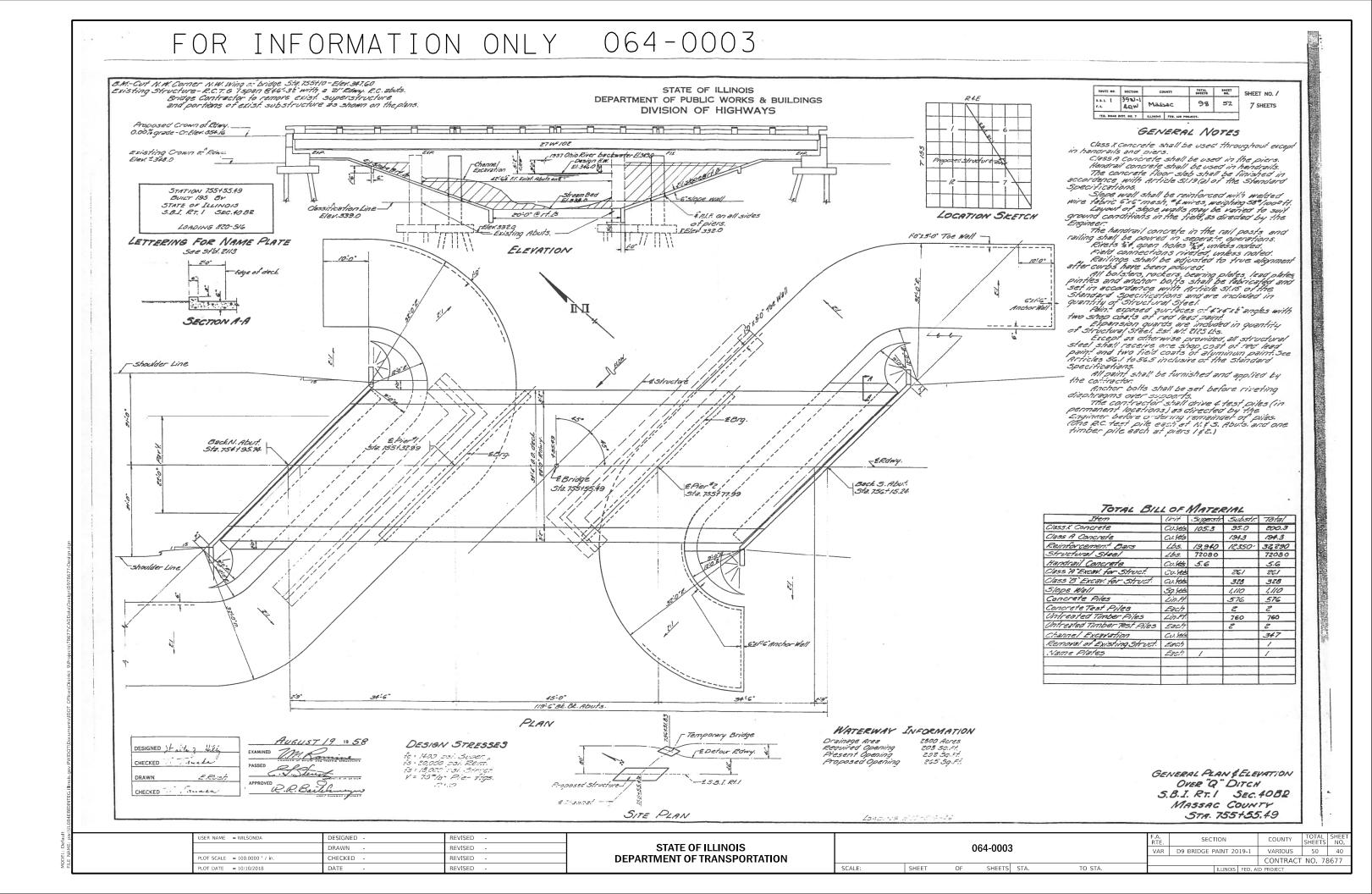
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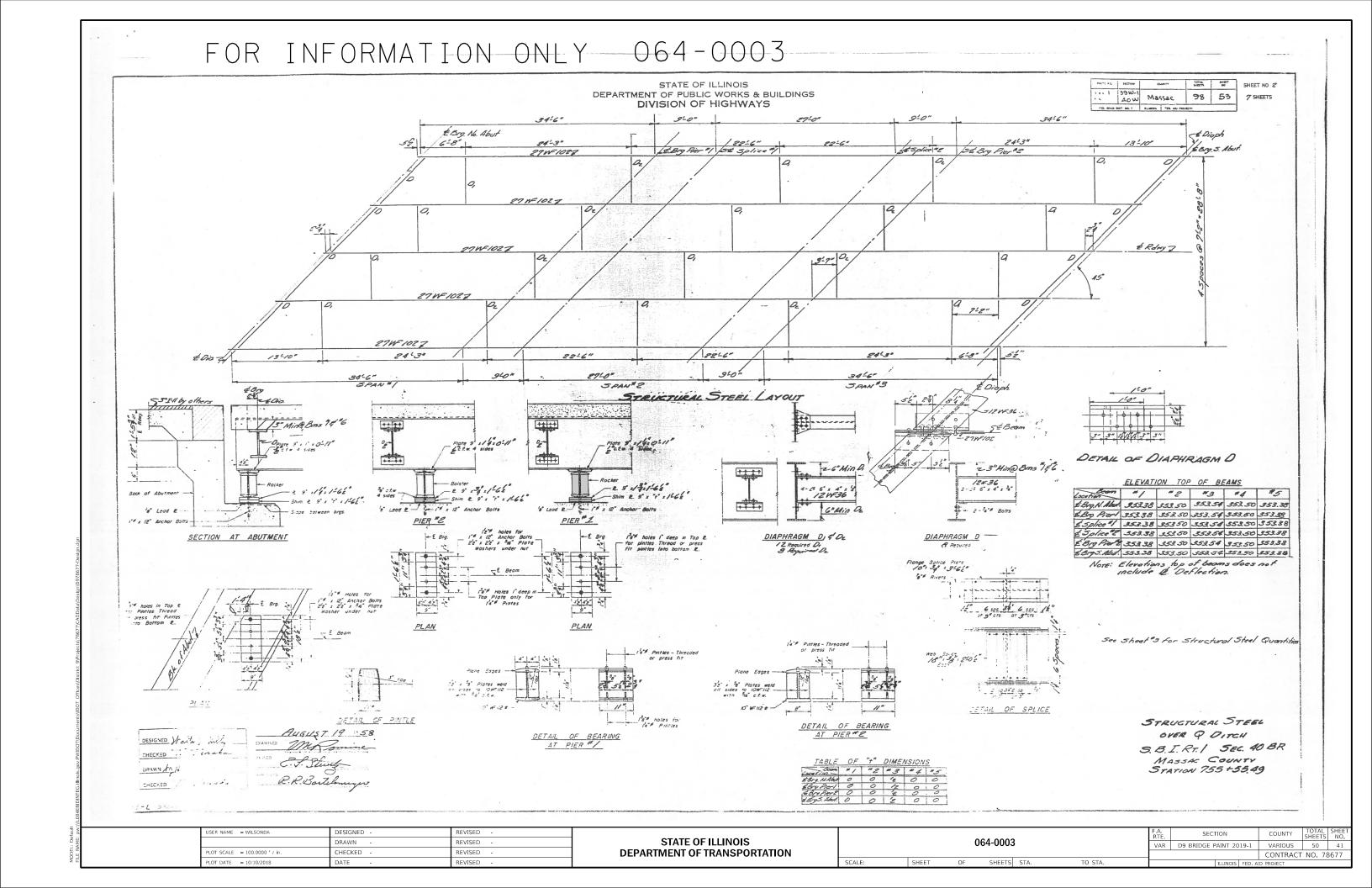
DEPARTMENT OF TRANSPORTATION

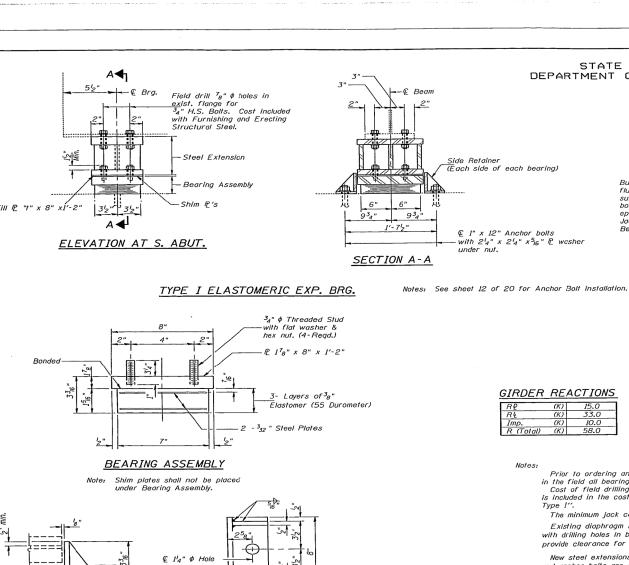
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CONTRACT NO. 78677





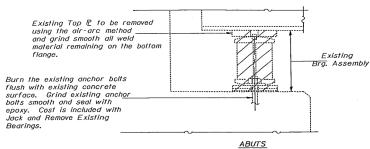




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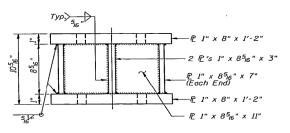
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MASSAC 20 18 STA. TO STA. FIG. RODG DIST, NO. BLINGTS FED. AD TO STA. V CONT. MAINT. FY 200

PLAN-TOP & BOTTOM PLATE



− ⁷₈" φ Holes (Typ.)

STEEL EXTENSION AT SOUTH ABUT.

GIRDER REACTIONS

R₽	(K)	15.0
RŁ	(K)	33.0
Imp.	(K)	10.0
R (Total)	(K)	58.0

TABLE OF "t" DIMENSIONS

SOUTH ABUT

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.

Cost of field drilling holes on bottom flange for steel extension is included in the cost of "Elastomeric Bearing Assembly

The minimum jack capacity required is 30 Tons.

Existing diaphragm removal and new diaphragm erection shall be coordinated with drilling holes in bottom flange for bearing attachment, if necessary, to provide clearance for the drill.

New steel extensions, side retainers, connection bolts, shim £s and anchor bolts are included in "Furnishing and Erecting Structural Steel". Hatched areas indicate Jack and Remove Existing Bearings.

BILL OF MATERIAL

DILL OF WA	LINIAL	
Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	5
Jack and Remove Existing Bearings	Each	5

TYPE I BEARING REPLACEMENT SOUTH ABUTMENT MASSAC COUNTY S.N. 064-0003

FOR INFORMATION ONLY 064-0003

USER NAME = WILSONDA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2018	DATE -	REVISED -

SIDE RETAINER Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Furnishing and Erecting Structural Steel.

DESIGNED T. Wayne Halstead

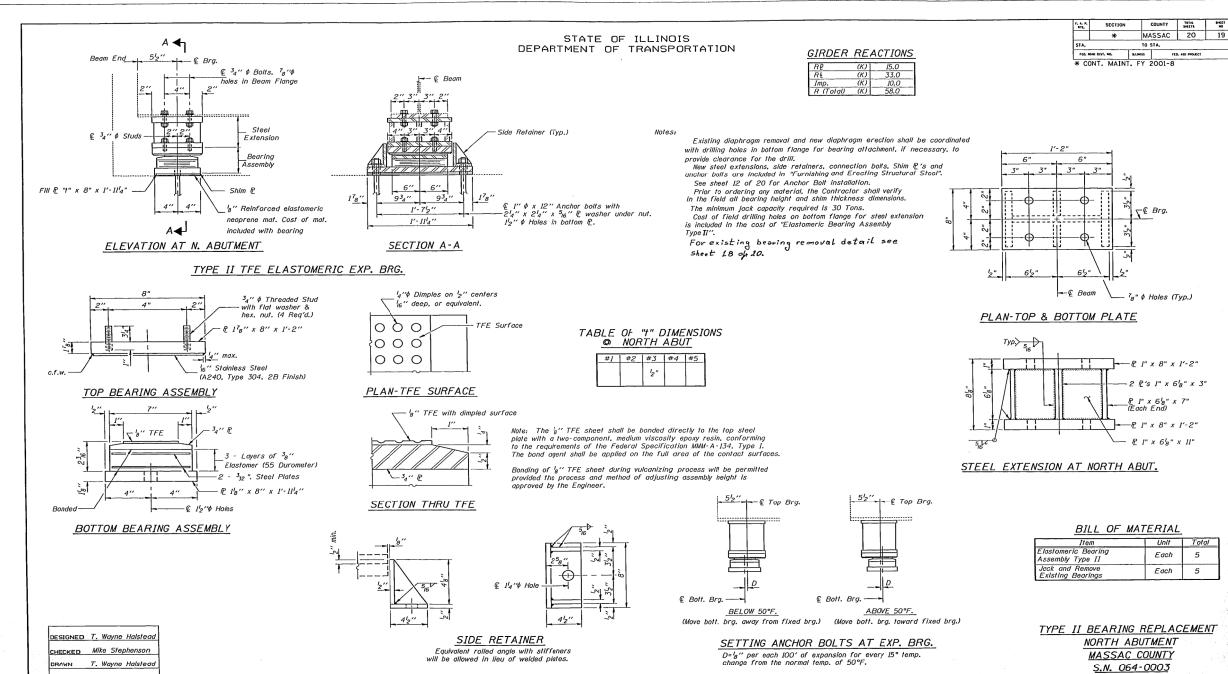
CHECKED Mike Stephenson

DRAWN T. Wayne Halstead CHECKED TWH MAS CHW

064-0003		F.A. RTE	SEC ⁻	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEE NO.	
		VAR	D9 BRIDGE F	AINT 20	19-1	VARIOUS	50	42	
							CONTRACT	F NO. 78	3677
SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

FOR INFORMATION ONLY

064-0003



USER NAME = WILSONDA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2018	DATE -	REVISED -

CHECKED TWH MAS CHW

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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064-0003		F.A. RTE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.		
		VAR	D9 BRIDGE F	AINT 20	19-1	VARIOUS	50	43		
								CONTRACT	NO. 78	3677
OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

See Proposal for Boring Data.

SECTION COUNTY TOTAL SHEET NO. F.A. 328 108 VB-1 WHITE 29 6 F.H.W.A. REG. 5 ILLINOIS PRO.

Bridge Sheet 1 of 20 Sheets

GENERAL NOTES

- 13. The contractor shall drive one steel HP 10 x 42 test pile in a permonent location at the South Abutment as directed by the Engineer before ordering the remainder of piles.
- 14. For contilever forming brockets, See Special Provisions.
- All new structural Steel shall be given one first prime coat and one final coat of the lead and chromate free alkyd paint system in the shop. The color of the final coat shall be Interstate Green Munsell Cobr Std. 1.56 %. The contrador shall fouch up any demanded and areas not painted at the shop (such as bolt splices, etc.). Painting shall be incidental to the pay item of FURNISHING AND ERECTING STRUCTURAL STEEL. 15. Bridge Seat Sealer shall be applied to seat area of the Abutment
 - 16. The Contractor will be required to mark, on top of the concrete deck. the locations of the top florage of all the steel beams, prior to any removal of the bridge concrete deck. Saw cutting directly over the top of the beam flanges is not permitted.

Terminal, Ty. 6, Typica: 7 1/2" Slab 1'-9" € Brg. moment greas

ELEVATION

NOTE: After removal of the concrete deck, the intermittent welds of the top cover plate shall be inspected for fatigue cracks.

If cracks are found, the cover plate shall be retrofitted. Contact the Bridge Engineer for method of retrofitting.

116'-0" Bk./Bk. Exist. Abut: -CSX Transportation

Pipe Drains, 12"-Typica! -Traffic Barrier Pier Extension for Extensions for New W21 Began Terminal, Ty. 6 10'-0" Typ. —Point of Min. Vertical Clearance N. Abut. Sta.8+07.00 P.G.Elev. 490.3 -€ Structure Sta. 8+65.0 P.G. Elev.491.3 Name Plate - © Pier #3 Sta. 8+87.00 P.G. Elev. 491.62 ∟Traffic Barrier Termina -Bridge Approach Shoulder STD 2324

- Install a Permanent Bench Mark FOR STRUCTURAL ADEQUACY ONLY at this location as directed by the Engineer. Ralph & Chiler PLAN Sodemann and Associates, Inc. 467.2 49+50 -1.90% +0.82% DESIGNED V.C. = 350 PROFILE GRADE DRAWN PROFILE GRADE (Along CSX Transportation Railroad North Rail R.L.H.

6. Field welding of construction accessories will not be permitted to the bottom flange of becaus nor to the top flange for a distance equal to

Fasteners shall be high strength bolts. Bolts 3/4" dia., open holes

Colculated weight of Structural Steel = 18,624 Pounds (N-183)

one-fourth the span length each way from the pier supports. Field welding in other creas will be permitted only when approved by

The structural steel bearing plates of the Elastameric Bearing Assembly shall conform to the requirements of AASHTO M 183

The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the wide flange beams and all splice plate

10. Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 Grade 60.

11. Pion dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scape of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work

Begring megt surfaces under Beas \$1 shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims. For Type I Elastomeric Bearings, shims of the dimensions of top plate shall be provided and placed as detailed.

NAME PLATE (Std. 2113)

STATION 8+65 REBUILT 19 BY STATE OF ILLINOIS U.S. RTE. 45 SEC. 108 VB-1 F.A. PROJECT F-328-() LOADING HS 20 STR. NO. 097-0024

DESIGN LOADING

HS 20—44 and Allowance for 25 P.S.F. Future Wearing Surface

DESIGN STRESSES (New Construction) fy = 60,000 p.s.i. Reinforcement f'c = 3,500 p.s.i. Concrete fy = 36,000 p.s.i. Structural Steel

45 - 20,000 m (AASHTO M-183, Gr. 36)

DESIGN STRESSES (Existing Beams) fy = 33.000 p.s.i. Structural Steel $f_3 = 18,150$ p.s.:

DESIGN SPECIFICATIONS

AASHTO 1989 & 1990 Interim Specifications & Seismic Retrofitting Guidelines for Highway Bridges.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu.Yd.		122	122
Concrete Remova:	Cu.Yd.		17.4	17.4
Class "X" Concrete	Cu.Yd		50.7	50.7
Class "X" Concrete Superstructure	Cu.Yd.	137.6		137.6
Protective Coat -	Sq.Yd.	56 7		567
F. & E. Structural Steel	L.Sum.	1		1
Stud Shear Connectors	Each	3,885		3,885
Reinforcement Bars, Epoxy Coated	Pound	32,790	6,530	39,320
Name Plates	Each	1		1
Preformed Joint Sea! - 2 1/2"	Lin.Ft.	78		78
Furnishing Steel Piles, HP 10 x 42	Lin.Ft.		227	227
Driving Steel Piles	Lin.Ft.		227	22 7
Test Pile Steel, HP 10 x 42	Each		1	1
Aluminum Railing, Type L	Lin.Ft.	134		134
Elastomeric Bearing Assembly, Type I	Each		14	14
Removal of Existing Concrete Deck	Each	1		1
Bridge Seat Sealer	L.Sum		1	1
Cleaning and Painting Steel Bridge	1.94	1		
Jack and Remove Existing Bearings	Each		18	18
Structural Steel Removal	POLIND		3,348	3,348
Elastomeric Bearing Assembly, Type II	Each		7	7

PRAUENHOFFER Il finois Registered Structural Engineer Number 4192

LOCATION PLAN R B E 3rd. P.W. CSY Structure Rehabilitation F.A. Route 328

Transportation

GENERAL PLAN
F.A. ROUTE 328
(SBI 140)(U.S. ROUTE 45)
OVER CSX TRANSPORTATION RAILROAD SECTION 108 VB-1 WHITE COUNTY STRUCTURE NO. 097-0024 STA. 8+65

COUNTY	

CHECKED

BENCHMARK

Southwest bolt on the north handrail base Lt. Sta. 9+75 ELEV. 491.04

EXISTING STRUCTURE DESCRIPTION

Existing structure is a three spon reinforced concrete slab on steel stringers, 116°-0° long and 34°-9° wide on oper abutaents built in 1939. Remove the existing concrete deck and handroils. No salvage. Traffic shall be maintained utilizing

F.A. ROUTE 328

SECTION 108 VB-1

WHITE CO.

SHEET 6 OF 29 SHEETS

90043

USER NAME = WILSONDA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2018	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

APPROVED

097-0024	
SHEETS	STA.

Δ. ΓΕ.	SECTION	COUNTY	TOTAL SHEETS	SHI
AR	D9 BRIDGE PAINT 2019-1	VARIOUS	50	4
		CONTRACT	NO. 78	367

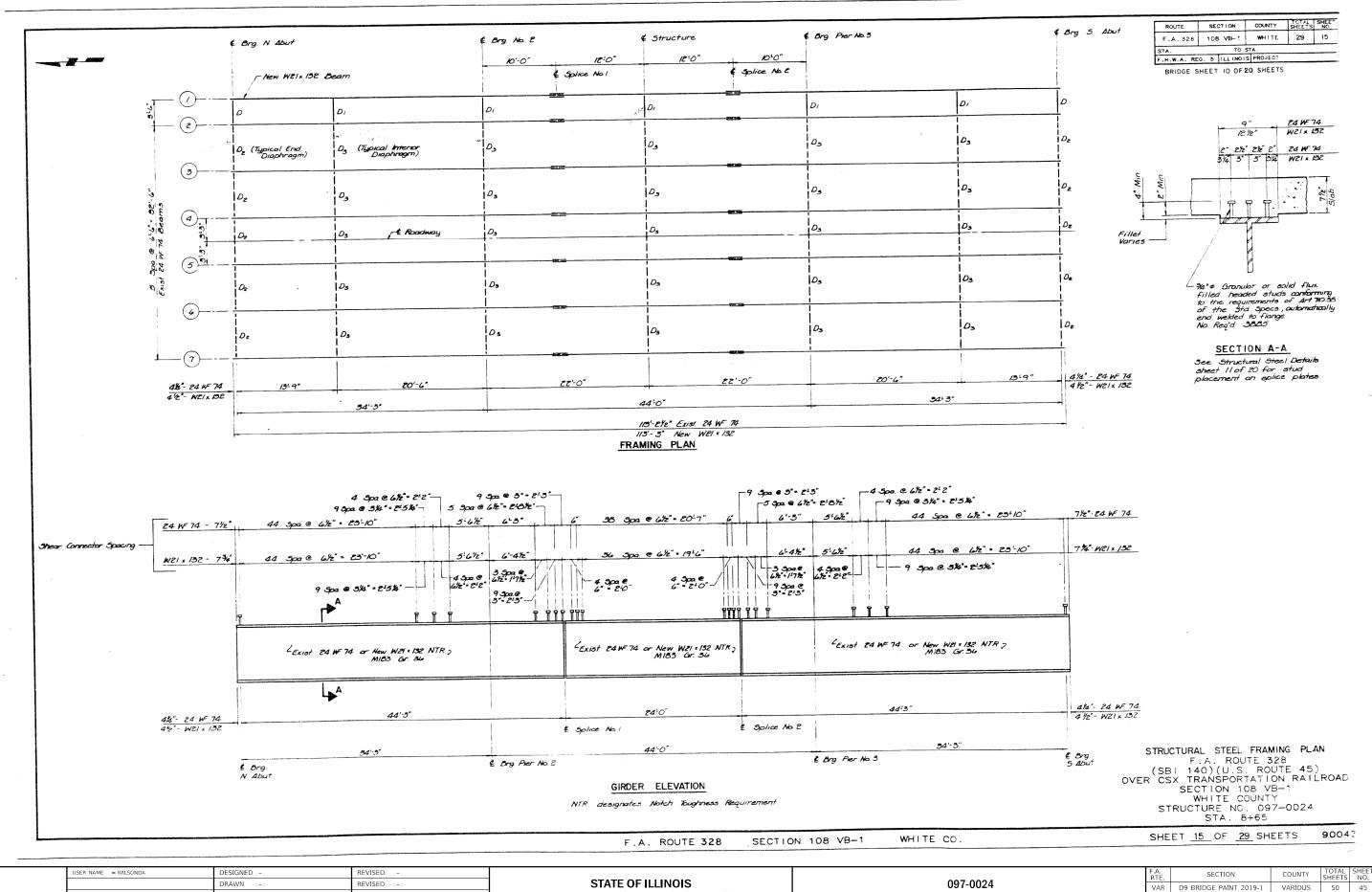
FOR INFORMATION ONLY 097-0024

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DATE

REVISED

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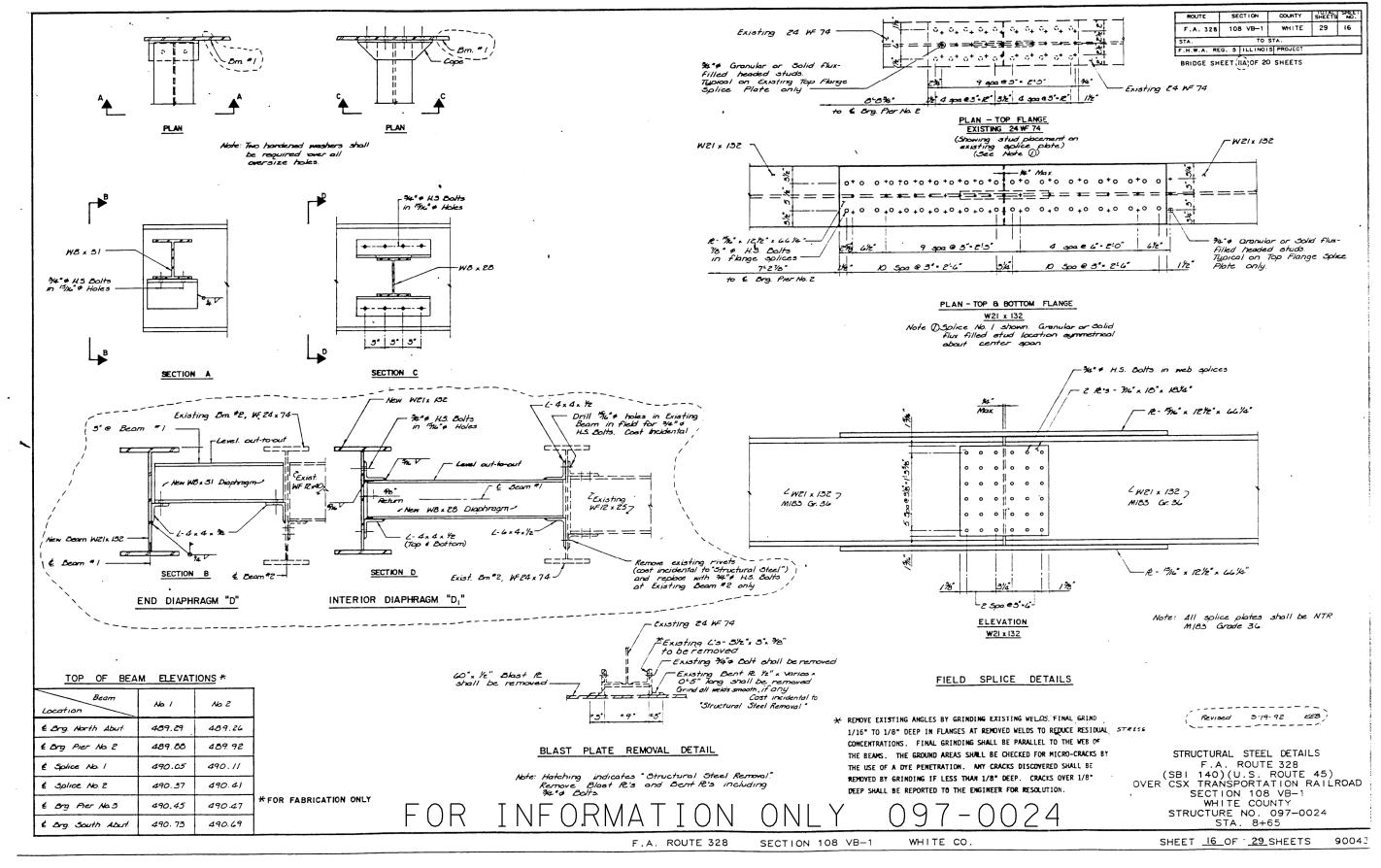


DEPARTMENT OF TRANSPORTATION

SHEET

SHEETS STA.

CONTRACT NO. 78677



 USER NAME
 = WILSONDA
 DESIGNED REVISED

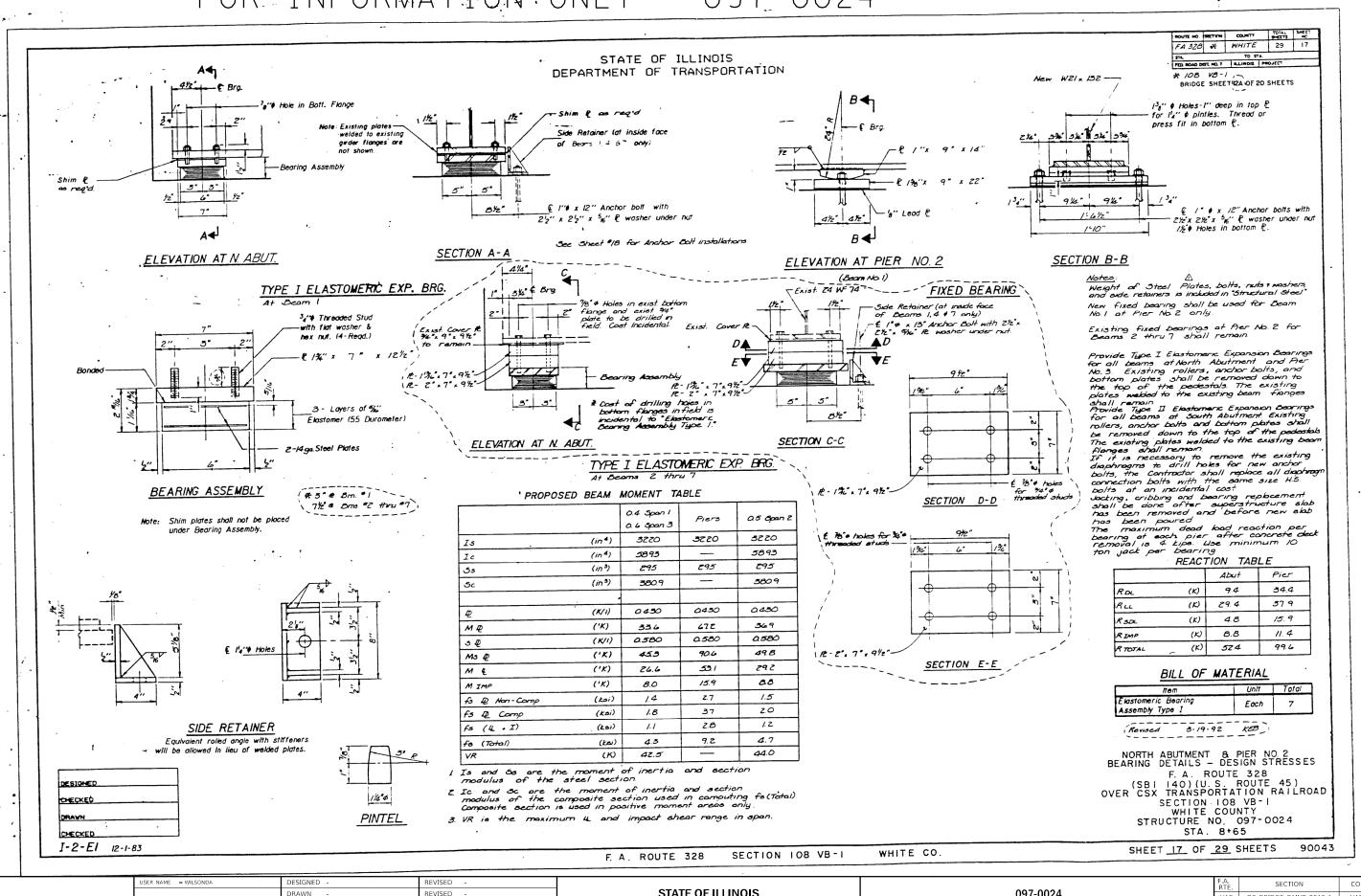
 DRAWN REVISED

 PLOT SCALE
 = 100.0000 ' / in.
 CHECKED REVISED

 PLOT DATE
 = 10/10/2018
 DATE REVISED

097-0024							SEC	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
							AR D9 BRIDGE PAINT 2019-1			VARIOUS	50	46
										CONTRACT	NO. 78	3677
	SHEET OF SHEETS STA. TO STA.							ILLINOIS	FED. A	ID PROJECT		

FOR INFORMATION ONLY 097-0024

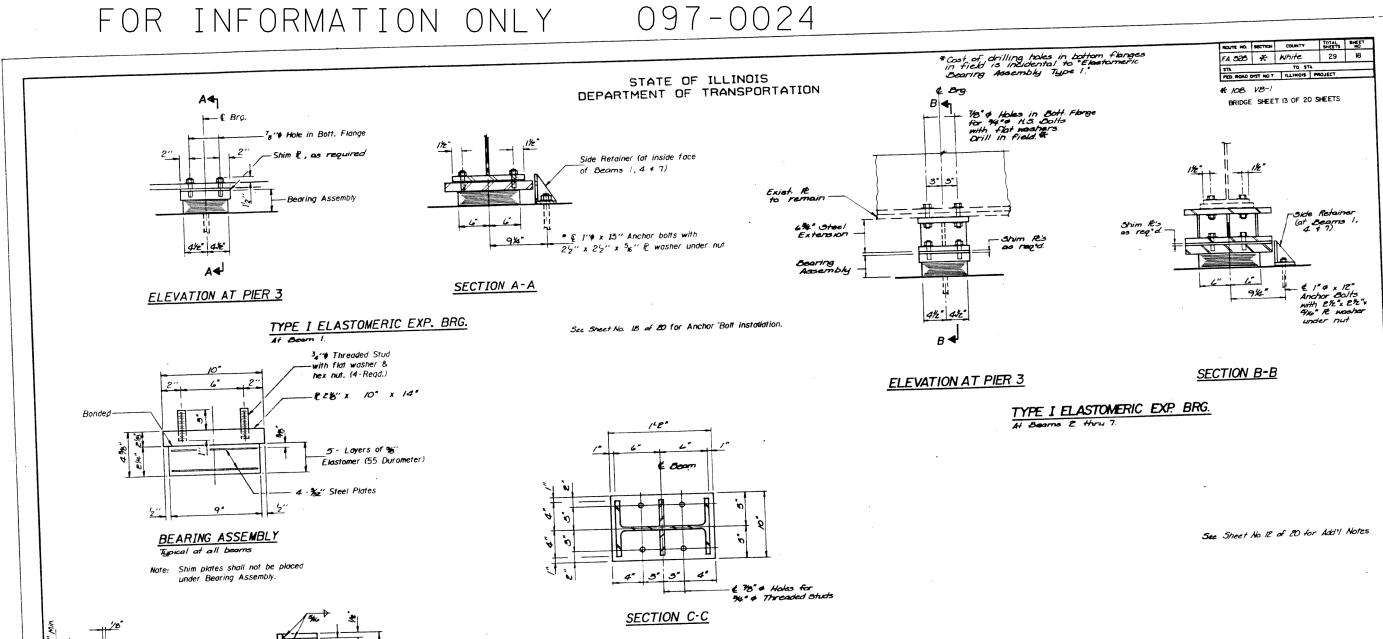


CHECKED

REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 097-0024

VAR D9 BRIDGE PAINT 2019-1 VARIOUS 50 47 CONTRACT NO. 78677



SIDE RETAINER Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates

DESIGNED	
CHECKED	
DRAWN	
CHECKED	
I-2-E1	12-1-83

-Top R 148" = 10" = 14" -2 R'3 12" x 34" x 412" -Bottom R 148" x 10" x 14"

ELEVATION

STEEL EXTENSION ## Equivolent welded plates will be allowed in lieu of WIZ x 45

BILL OF MATERIAL

Unit	Tota:
Each	7
	Each

BEARING DETAILS - PIER NO. 3
F. A. ROUTE 328
(SBI 140) (U. S. ROUTE 45)
OVER CSX TRANSPORTATION RAILROAD SECTION 108 VB-1
WHITE COUNTY
STRUCTURE NO. 097-0024
STA 8+65

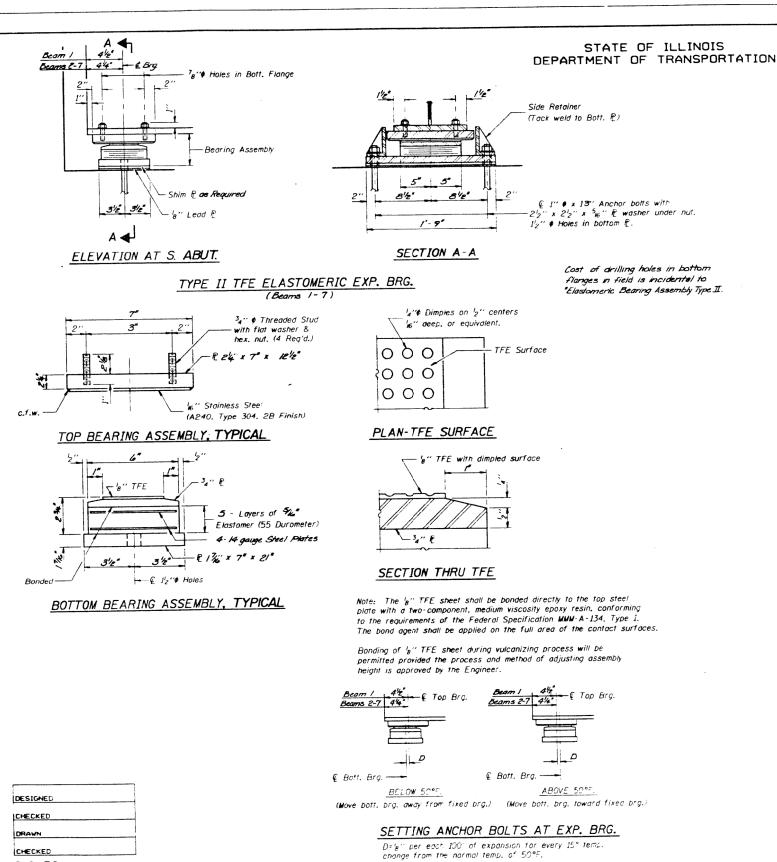
WHITE CO. SECTION 108 VB-1 F. A. ROUTE 328

SHEET 18 OF 29 SHEETS

90043

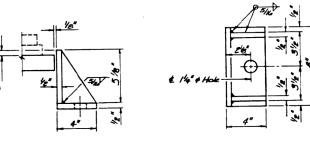
USER NAME = WILSONDA	DESIGNED -	REVISED -	ĺ
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 10/10/2018	DATE -	REVISED -	L

					F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHE		
097-0024						VAR	D9 BRIDGE PAINT 20	19-1	VARIOUS	50	48
									CONTRACT	NO. 78	3677
	CHEET	OF	CHEETC	CTA	TO CTA		II LIMOIC				



ROUTE NO. SECTION COUNTY TOTAL SMEET NO. F.A. 328 * White 29 19 STA. TO STA.

FED ROAD DIST, NO. 7 | N.L.INOIS | PROJE * 108 VB-1 BRIDGE SHEET 14 OF 20 SHEETS



SIDE RETAINER

Equivolent valled angle with stiffeners will be allowed in lieu of welded plates.

See Sheet No. 12 of 20 for Add' 1 Notes.

BILL OF MATERIAL

Item	Unit	Torc
Elastomeric Bearing Assembly Type II	Each	7

BEARING DETAILS - SOUTH ABUT. F. A. ROUTE 328 (SBI 140) (U.S. ROUTE 45) OVER CSX TRANSPORTATION RAILROAD SECTION 108 VB-1 STRUCTURE NO. 097-0024 STA. 8+65

F. A. ROUTE 328

SECTION 108 VB-1

WHITE CO

90043 SHEET 19 OF 29 SHEETS

USER NAME = WILSONDA	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2018	DATE -	REVISED -

CHECKED I-2-E2

12-1-83

097-0024				F.A. RTE	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.	
				VAR	D9 BRIDGE F	AINT 20	19-1	VARIOUS	50	49	
									CONTRACT	NO. 78	3677

