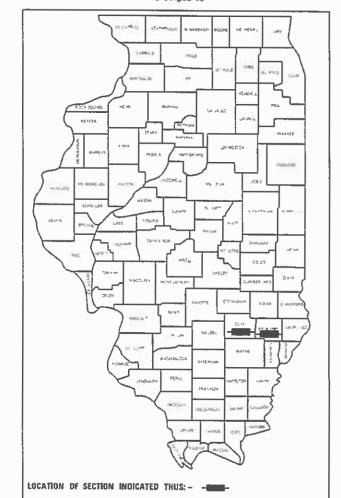
11-09-2018 LETTING ITEM 028

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

. CLAY AND RECHLAND COUNTIES

D-97-062-18



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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Seffre M Souttle

ENGINEER OF DESIGN AND ENVIRO

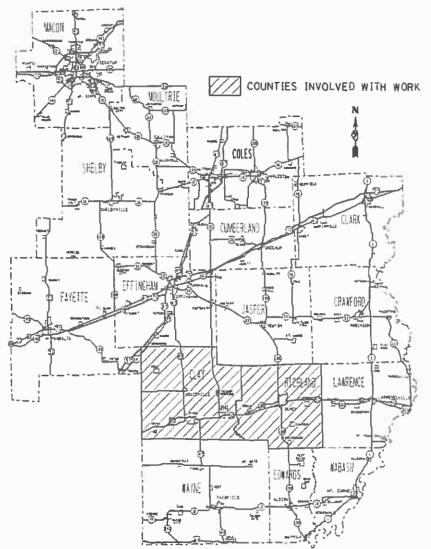
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROPOSED HIGHWAY PLANS

FAP 327 (US 50)
SECTION D7 BRIDGE PAINTING 2019–1
PROJECT NHPP–TDSE(581)
BRIDGE PAINTING
CLAY & RICHLAND COUNTY

C-97-112-18



FOR INDEX OF SHEETS, SEE SHEET NO. 2

0 100' 200' 100' 1'= 100'
0 10' 28' 30' 1'= 10'
0 50' 100' 1'= 40'
0 50' 100' 1'= 40'
0 50' 100' 1'= 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E

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

PROJECT ENGINEER: TOM RONAN PROJECT MANAGER: TOM RONAN PHONE: (217)342-8320

CONTRACT NO. 74875

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, GENERAL NOTES, LOCATION DESCRIPTION
3	SUMMARY OF QUANTITIES
4	LOCATION MAP
5-16	EXISTING STRUCTURE PLANS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 16:

000001-06 STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE 701201-04 LANE CLOSURE, 2L, 2W, FOR SPEEDS >= 45 MPH

701501-06 LANE CLOSURE, 2L, 2W, UNDIVIDED 701901-07 TRAFFIC CONTROL DEVICES

LOCATION #1

BRIDGE # 1

ROUTE: FAP 327

MARKED: US 50

SECTION: 6-2B-4

STATION: 829+50

STRUCTURE NUMBER: 080-0002

TYPE OF BRIDGE: WIDE FLANGE I BEAMS-3 SPANS (6 BEAMS)

LOCATION: 1 MILE WEST OF ILLINOIS ROUTE 130

FEATURE CARRIED/SPANNED: US ROUTE 50 OVER THE FOX RIVER

COLOR OF THE FINISH COAT SHALL BE GRAY, MUNSELL 5B 7/1.

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL STRUCTURAL STEEL WITHIN 5' (MEASURED ALONG THE BEAM) OF THE ABUTMENTS AND ANY EXPANSION JOINTS AT PIERS, INCLUDING BEAMS, BEARINGS AND DIAPHRAGMS, SHALL BE CLEANED BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING. BOTH FASCIA BEAMS, FOR THE ENTIRE LENGTH OF THE BEAMS, SHALL BE CLEANED IN THEIR ENTIRETY BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING.

THE DESIGNATED AREAS CLEANED PER NEAR WHITE METAL BLAST CLEANING - SSPC-SP10 SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZ/E/U.

ONE AIR MONITOR WILL BE REQUIRED AT THIS LOCATION.

LOCATION #2

ROUTE: FAP 327

BRIDGE # 2

MARKED: US 50

SECTION: 5-2VB-1

STATION: 24+09.10

STRUCTURE NUMBER: 080-0003

TYPE OF BRIDGE: WIDE FLANGE I BEAMS-3 SPANS (6 BFAMS)

LOCATION: 0.4 MILES EAST OF ILLINOIS ROUTE 130

FEATURE CARRIED/SPANNED: US ROUTE 50 OVER A RAILROAD

COLOR OF THE FINISH COAT SHALL BE GRAY, MUNSELL 5B

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL STRUCTURAL STEEL WITHIN 5" (MEASURED ALONG THE BEAM) OF THE ABUTMENTS AND ANY EXPANSION JOINTS AT PIERS, INCLUDING BEAMS, BEARINGS AND DIAPHRAGMS, SHALL BE CLEANED BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING, BOTH FASCIA BEAMS, FOR THE ENTIRE LENGTH OF THE BEAMS, SHALL BE CLEANED IN THEIR ENTIRETY BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING.

THE DESIGNATED AREAS CLEANED PER NEAR WHITE METAL BLAST CLEANING - SSPC-SP10 SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 -OZ/E/U.

THREE AIR MONITORS WILL BE REQUIRED AT THIS LOCATION.

GENERAL NOTES

THE PROPOSED PROJECT IS LOCATED AT 4 LOCATIONS ON US ROUTE 50 IN CLAY AND RICHLAND COUNTY IN DISTRICT 7.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF CLEANING AND PAINTING THE BRIDGES AS SPECIFIED IN THE PLANS AND SPECIAL PROVISIONS.

THE STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED AS SPECIFIED IN THE PLANS AND THE SPECIAL PROVISIONS.

ALL DECK DRAINS SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZ/E/U. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THEIR OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ONLY STRUCTURAL STEEL IS TO BE PAINTED, ALL OTHER SURFACES WILL BE PROTECTED FROM BEING PAINTED. ALL PAINT AND OVERSPRAY WILL BE REMOVED AT THE CONTRACTOR'S EXPENSE.

THE SSPC QP1 AND QP2 PAINTING CONTRACTOR CERTIFICATION WILL BE REQUIRED FOR THIS PROJECT.

LOCATION #3

BRIDGE # 3

ROUTE: FAP 327

MARKED: US 50

SECTION: 5-2HB

STATION: 27+60.6

STRUCTURE NUMBER: 080-0004

TYPE OF BRIDGE: WIDE FLANGE I BEAMS-3 SPANS (6 BEAMS)

LOCATION: EAST OF ILLINOIS ROUTE 130 IN OLNEY

FEATURE CARRIED/SPANNED: US ROUTE 50 OVER WHITTLE AVENUE

COLOR OF THE FINISH COAT SHALL BE GRAY, MUNSELL 5B

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL STRUCTURAL STEEL, INCLUDING BEAMS, BEARINGS AND DIAPHRAGMS, SHALL BE CLEANED BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING.

THE DESIGNATED AREAS CLEANED PER NEAR WHITE METAL BLAST CLEANING - SSPC-SP10 SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 -

FOUR AIR MONITORS WILL BE REQUIRED AT THIS LOCATION.

SCALE:

LOCATION #4

BRIDGE # 4

ROUTE: FAP 327

MARKED: US 50

SECTION: 8-2VB

STATION: 736+62.35

STRUCTURE NUMBER: 013-0001

TYPE OF BRIDGE: WIDE FLANGE I BEAMS-3 SPANS (6 BEAMS)

LOCATION: 3 MILES EAST OF THE JUNCTION OF US ROUTE 45 (NORTH)

FEATURE CARRIED/SPANNED: US ROUTE 50 OVER THE CXST

COLOR OF THE FINISH COAT SHALL BE GREEN, MUNSELL 10B

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL STRUCTURAL STEEL WITHIN 10' (MEASURED ALONG THE BEAM) OF THE ABUTMENTS AND ANY EXPANSION JOINTS AT PIERS, INCLUDING BEAMS, BEARINGS AND DIAPHRAGMS, SHALL BE CLEANED BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING, BOTH FASCIA BEAMS, FOR THE ENTIRE LENGTH OF THE BEAMS, SHALL BE CLEANED IN THEIR ENTIRETY BY SSPC-SP10- NEAR WHITE METAL BLAST CLEANING.

THE DESIGNATED AREAS CLEANED PER NEAR WHITE METAL BLAST CLEANING - SSPC-SP10 SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 -OZ/E/U.

TWO AIR MONITORS WILL BE REQUIRED AT THIS LOCATION.

TO STA.

* CLAY AND RICHLAND COUNTIES

JSER NAME = steffenmk DESIGNED REVISED DRAWN REVISED LOT SCALE = 100.0000 ' / in. HECKED REVISED REVISED IOT DATE = 8/16/2018DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** INDEX OF SHEETS, GENERAL NOTES, AND BRIDGE LOCATIONS

SHEETS STA.

327 D7 BRIDGE PAINTING 2019-1 16 CONTRACT NO. 74875

	SUMMADY OF QUANTITIES		2070 317112	CONSTRUCTION TYPE CODE						
	SUMMARY OF QUANTITIES	T	TOTAL	RICHMOND CO.	CLAY CO. 0047					
CODE NO	ITEM	UNIT	OUANTITIES	0047	0047					
67100100	MOBILIZATION	L SUM	1	0.75	0.25					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1						
	701201									
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1		1					
	701501									
Z0007112	CONTAINMENT AND DISPOSAL OF LEAD PAINT	L SUM	1	0.9	0.1					
	CLEANING RESIDUES									
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1						
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1	1						
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	L SUM	1	1						
Z0010504	CLEANING AND PAINTING STEEL BRIDGE NO. 4	L SUM	1		1					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5					

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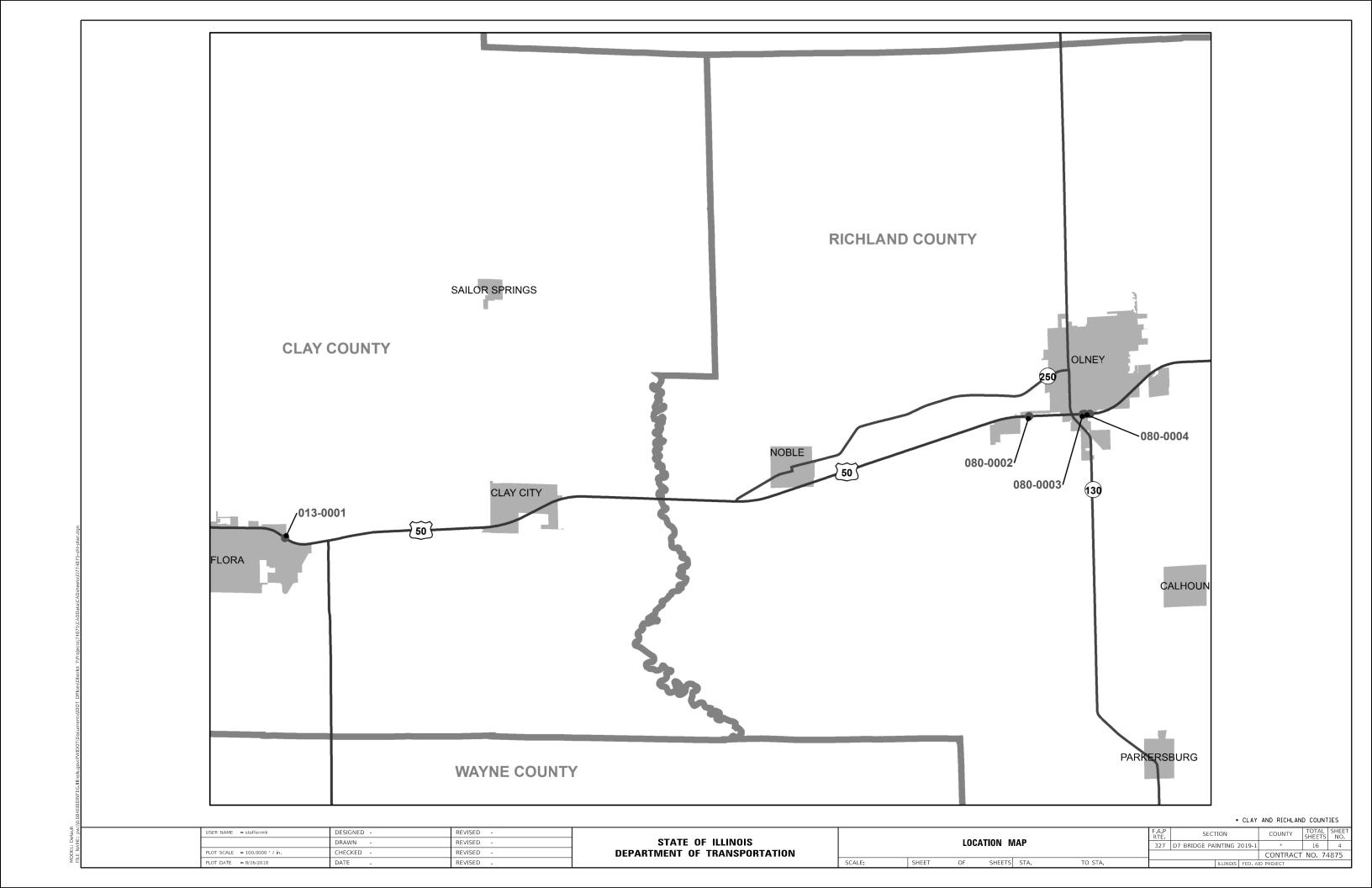
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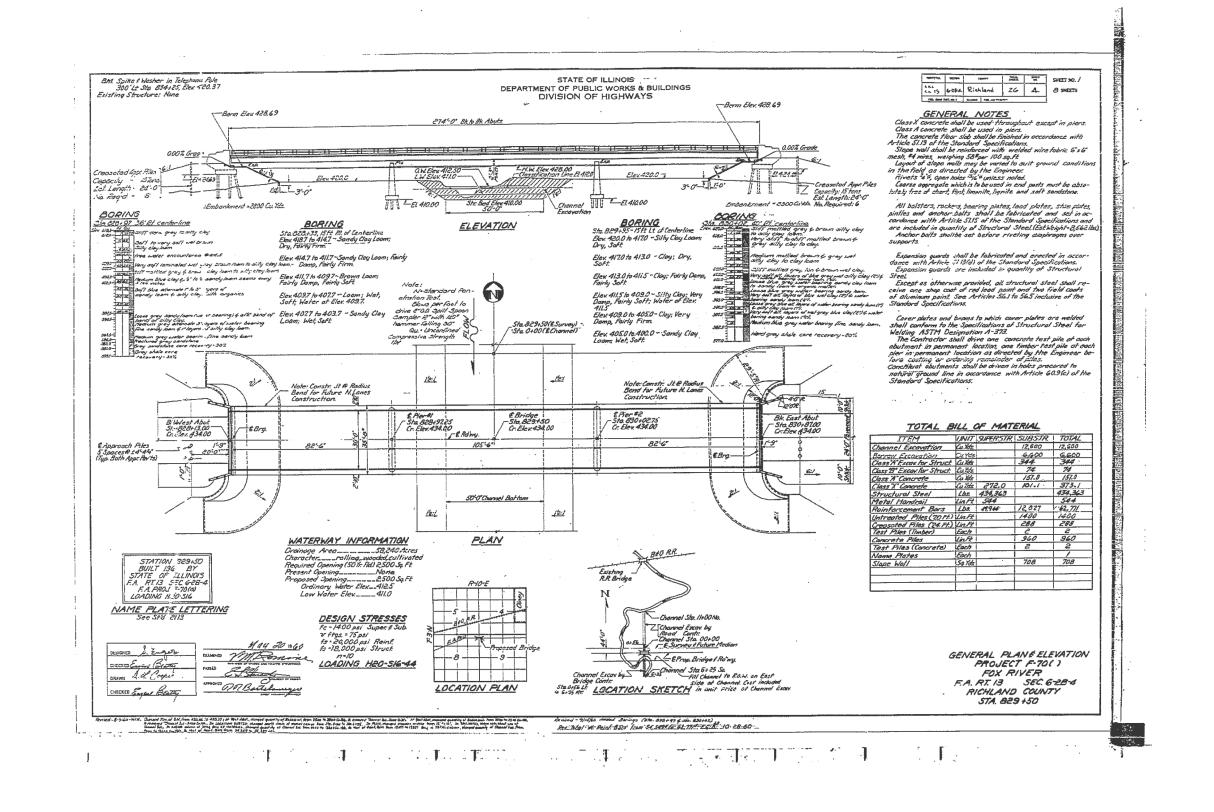
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 PLOT DATE
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:





DESIGNED -JSER NAME = steffenmk REVISED SECTION **EXISTING STRUCTURE PLANS** STATE OF ILLINOIS DRAWN REVISED 327 D7 BRIDGE PAINTING 2019-1 16 080-0002 HECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 74875 OF SHEETS STA. DATE

MODEL: Default

2 a Orio Notch
Full Length
CURB DETAIL 76 Spcs.C ± 10 - 0 * 260 - 0 *
27 Floor Drains 3 pace to miss diaphragma SECTION A.A. (W. ABUT.) - 5tz 829 +50 E Pier / 434.00 . C. Elev. 434.00 69-44 2 bors side 0 crs.

6-24 65 700 of curb (3 Lengths) See Sheet #3) HALF PLAN 6486 5 Spaces at 6-0 - 30-0 OVER PIERS or the contract of the contrac JSER NAME = steffenmk DESIGNED -REVISED **EXISTING STRUCTURE PLANS** STATE OF ILLINOIS DRAWN REVISED -

DEPARTMENT OF TRANSPORTATION

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

& Huck Aluminum Plates Welded (3003-F)

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080-0002

CLAY AND RICHLAND COUNTIES

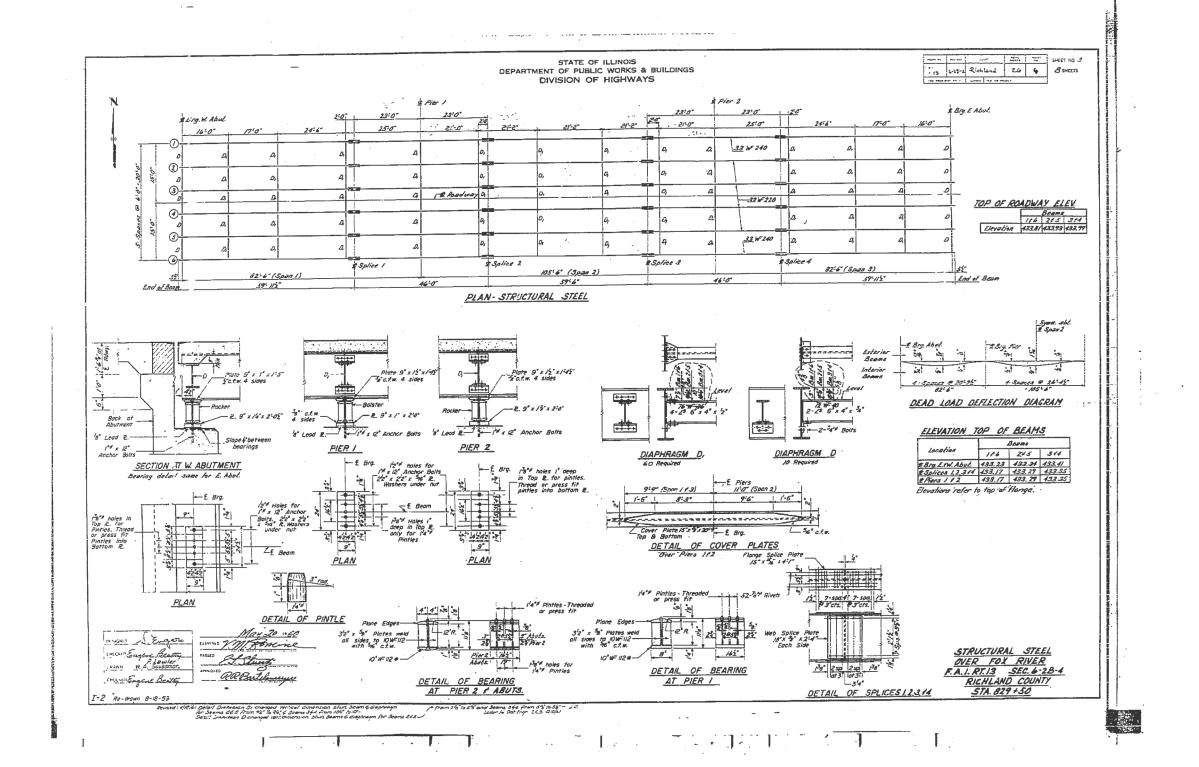
327 D7 BRIDGE PAINTING 2019-1

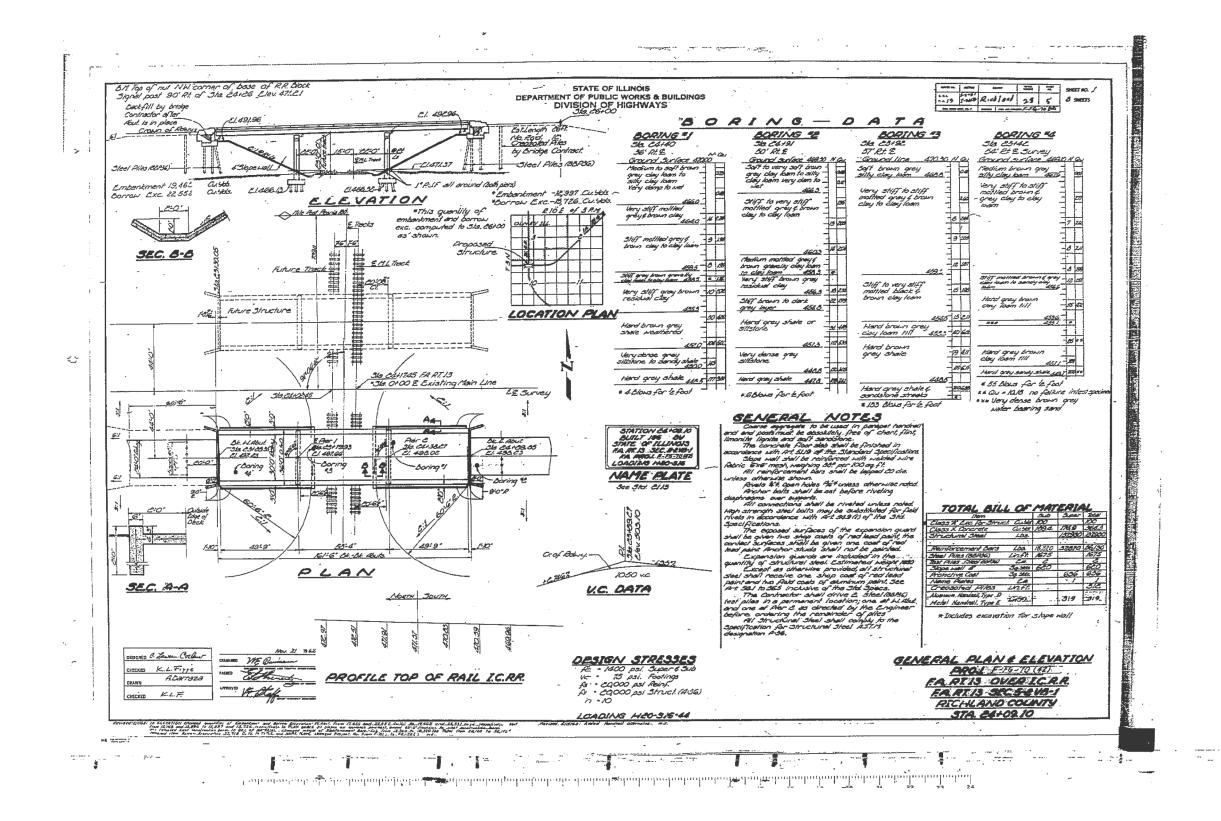
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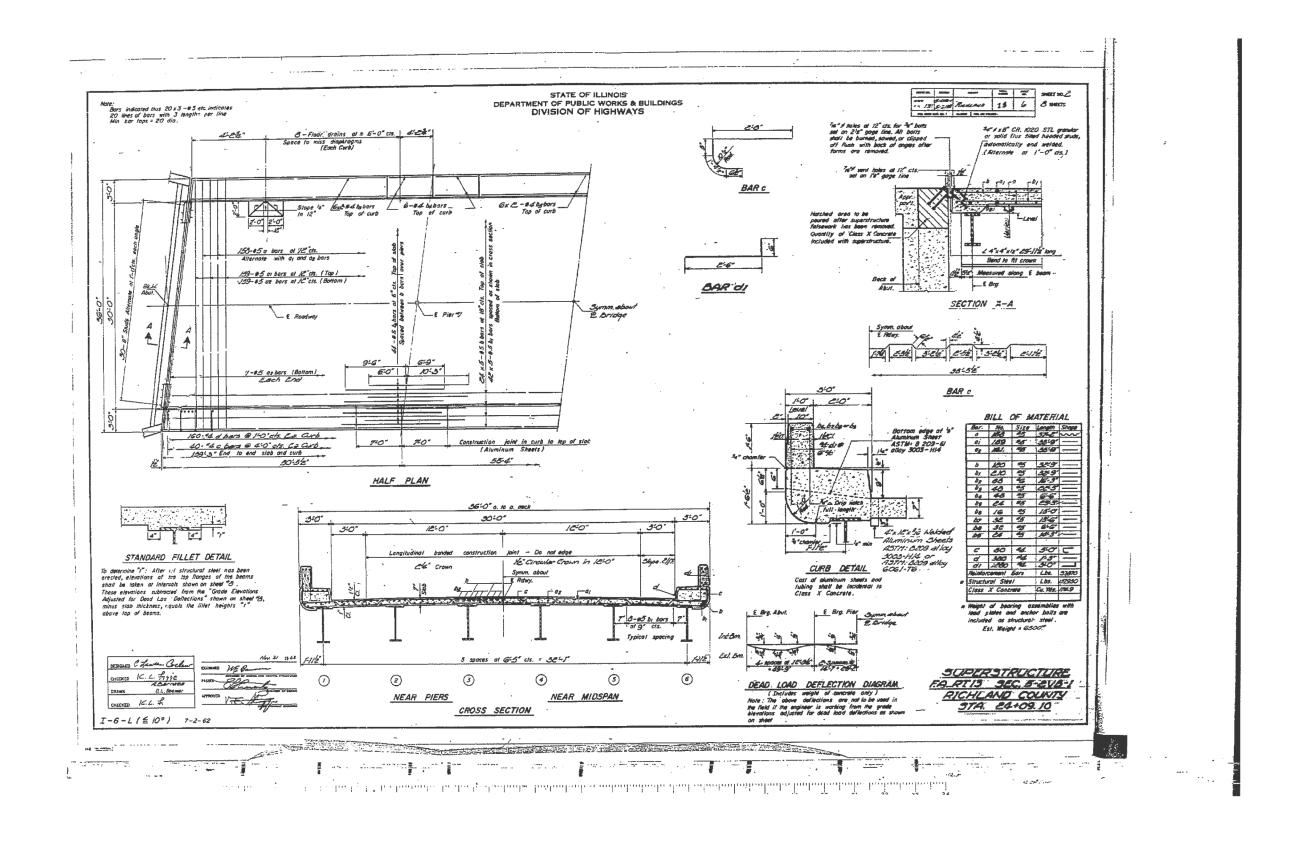


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EXISTING STRUCTURE PLANS

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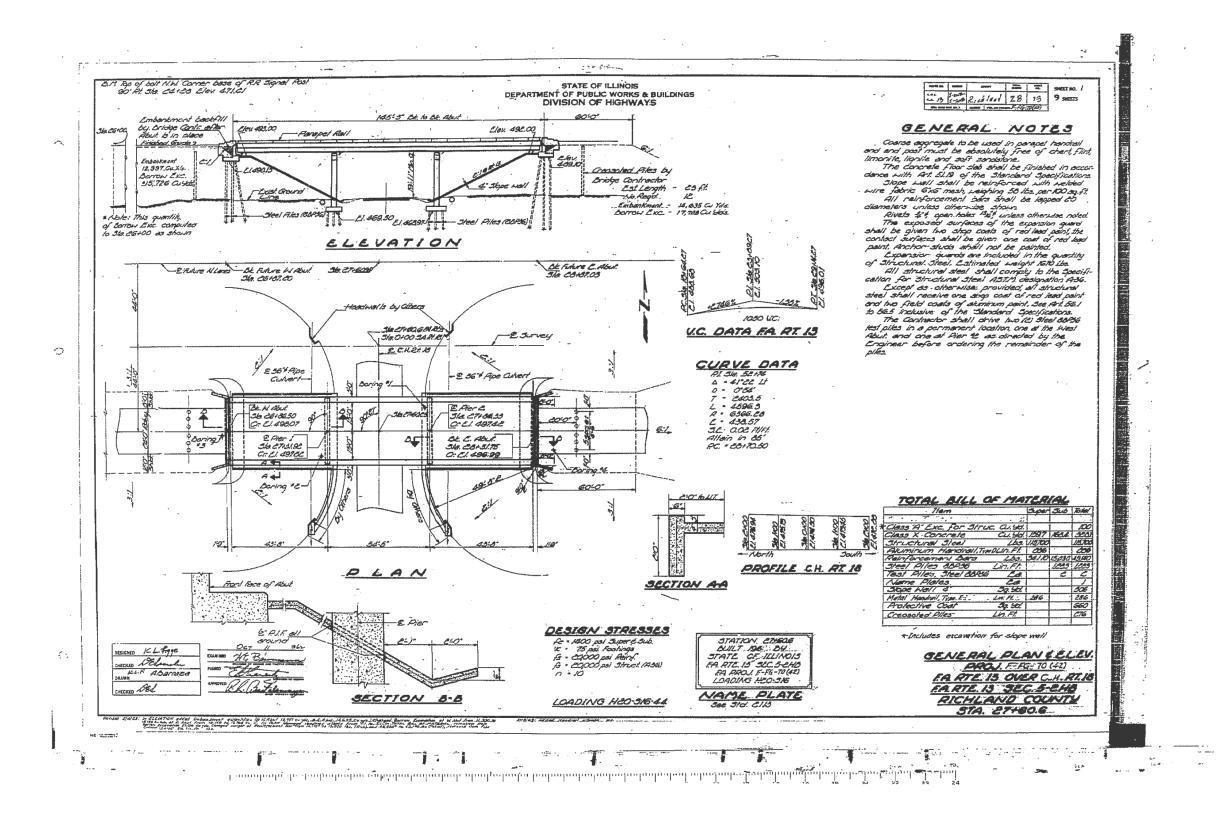


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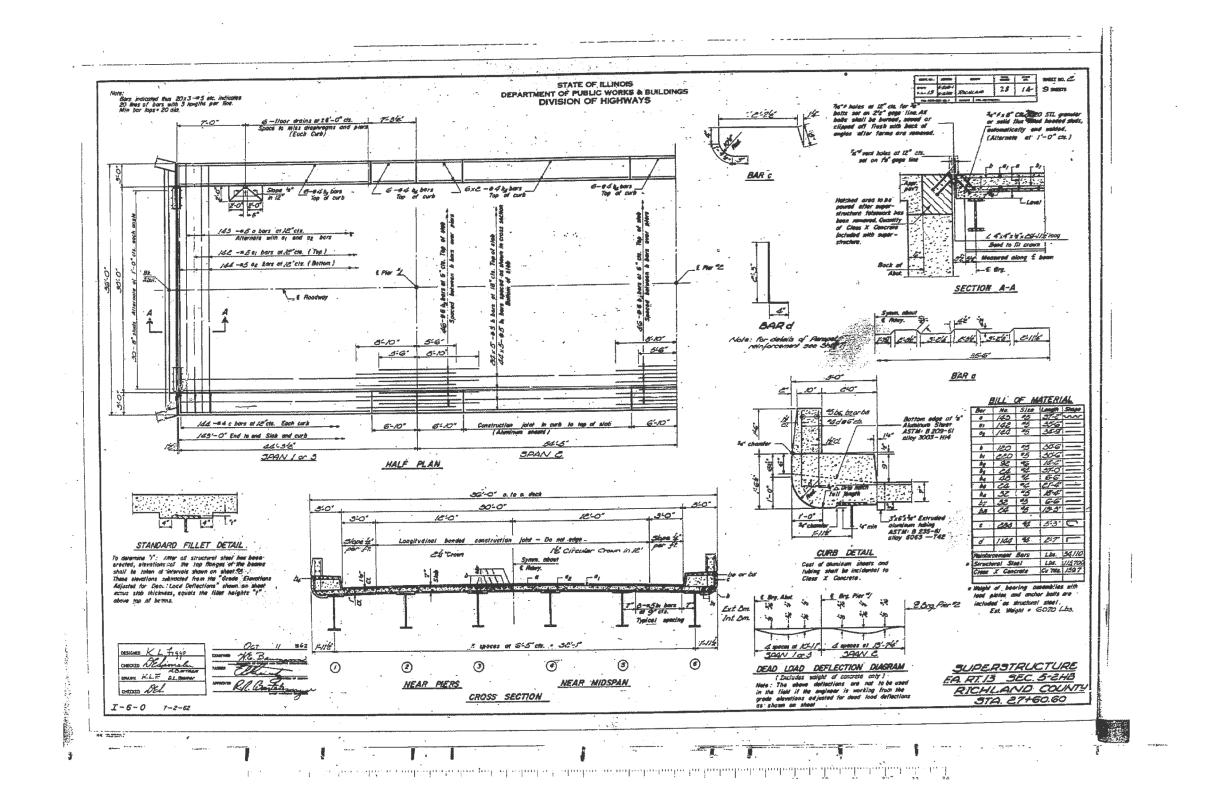
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• •	05-5	FRAMING PLAN	ŗ	1	Grange Marie	
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- Rocker	Rocker	Bolater			Dightogns - Che	
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1" x 12" bearing plates	PIER /	L's' Lood R. PIER &	2-47 Map	4-08-014		
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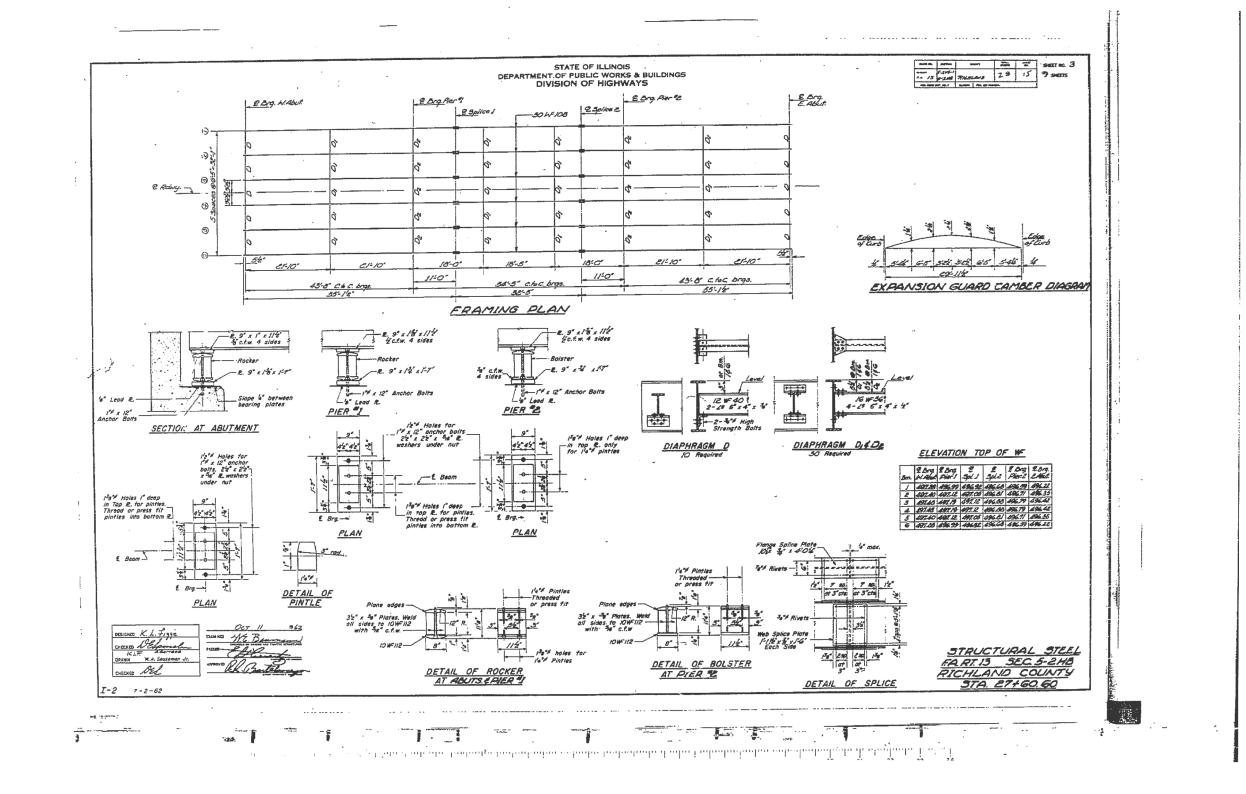
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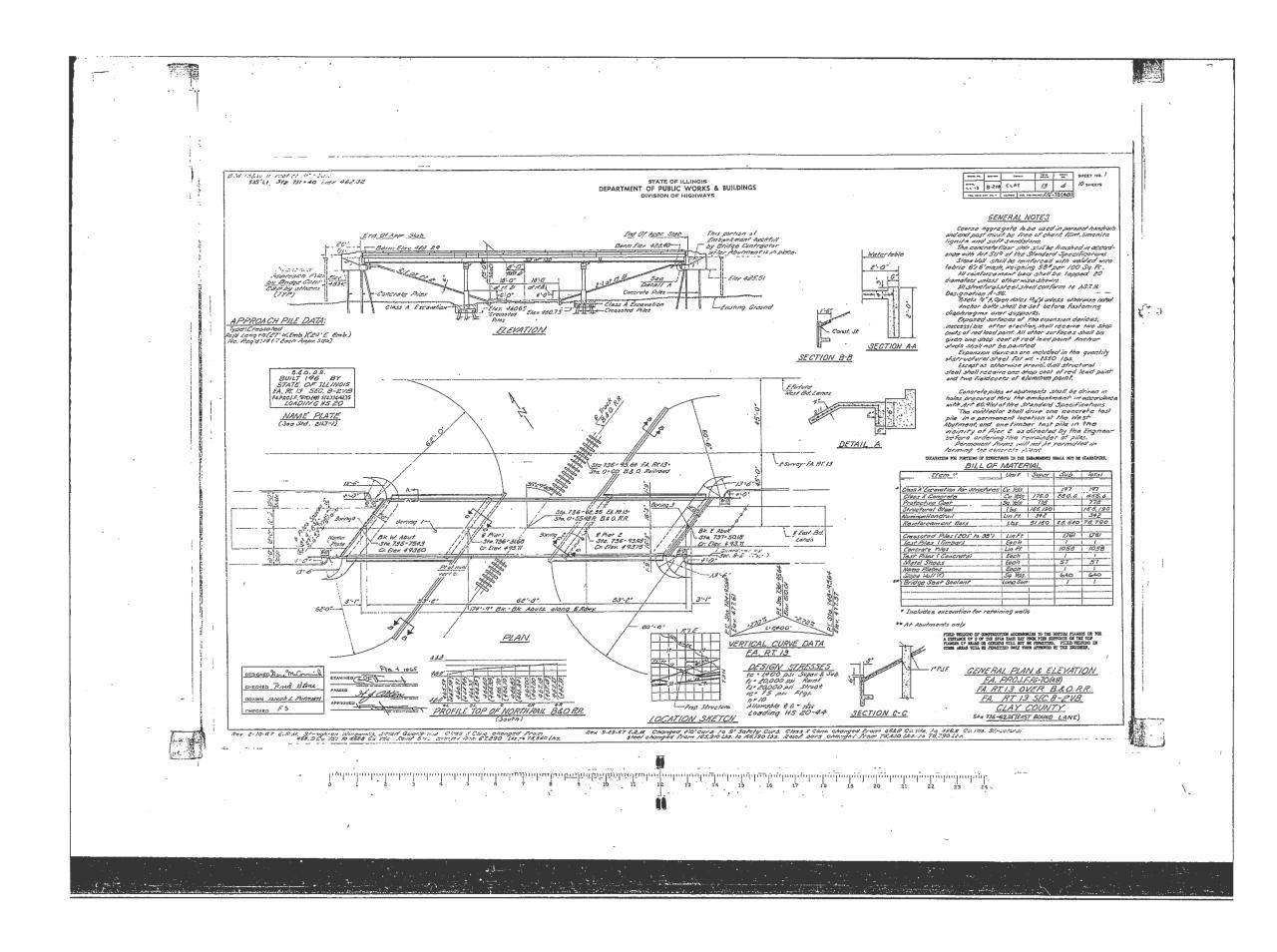
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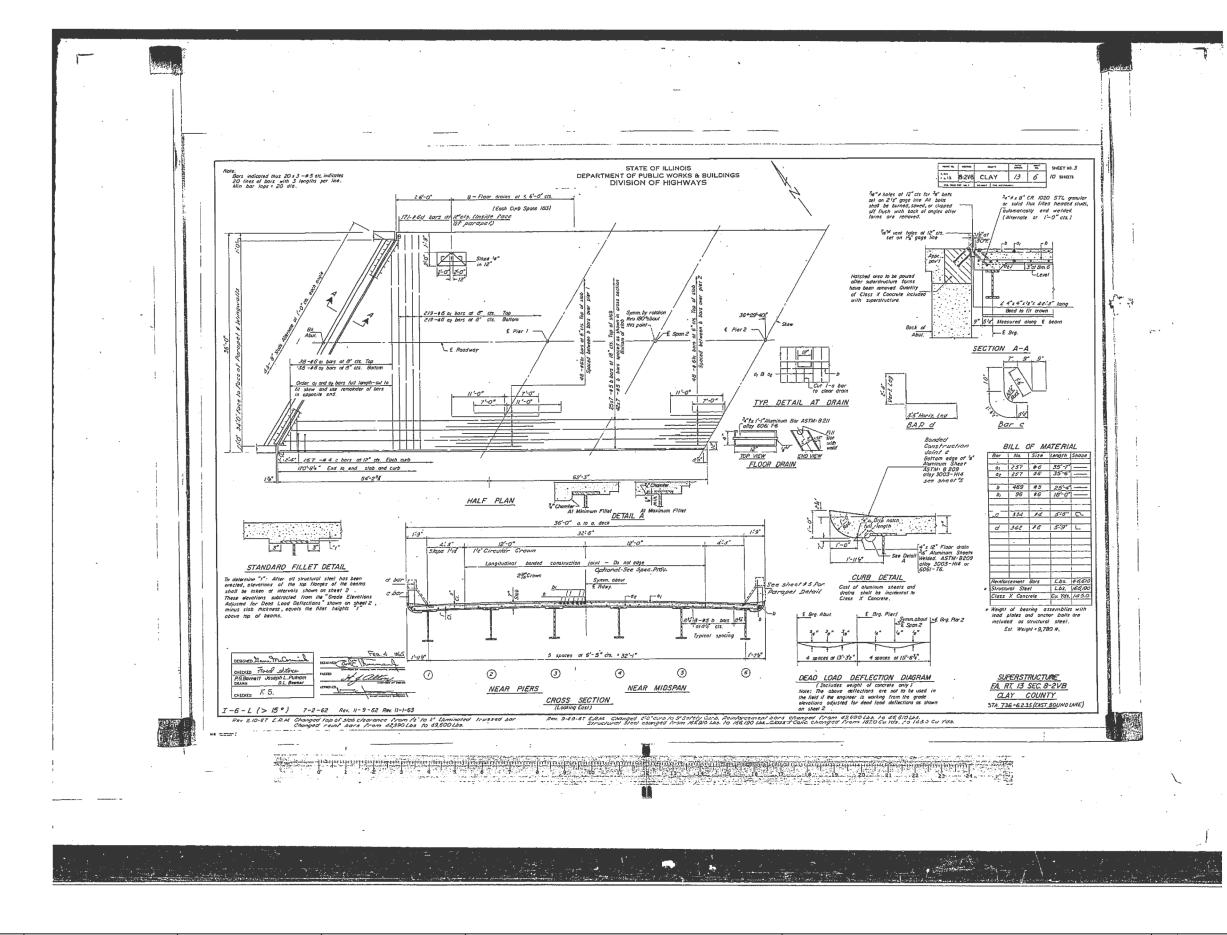
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SECTION 327 D7 BRIDGE PAINTING 2019-1 CONTRACT NO. 74875

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DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS € Pier 2 2 12'-7" 5€ Spitca 2 2'-45" IYE ELEVATION TOP OF WE Span 2 2 62 3 "
169 - 6 " Out to Out Beams 17-9" PLAN E. 9 x18 x1-02 In 11eu of shop rivers, ongles may be attached In the shop with 2-high strength botts or 4-c. Lu. £ Brg. E Abuir FABRICATION DIAGRAM 4-25 6 x 4 x 2 Anchor Batrs

Anchor Batrs

to be grouded into drilled holes offer beams are in place. 9" | |3a" | Holes I" deep | dis 4's " | ni top R. only | for I'4" pintles Other Beams Require No Shim Plates, PLAN CLAY COUNTY

STATE OF ILLINOIS

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