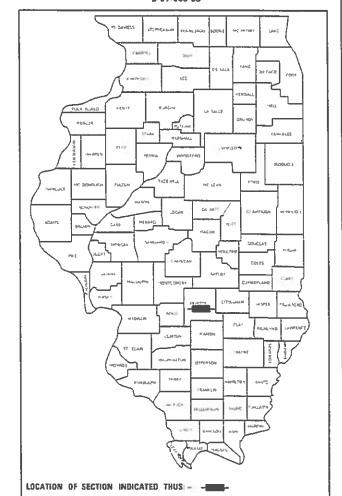
## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

• FAI 70 & FAP 322

D-97-065-08



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED AUGUST 09 20 18

Jeffrey M Sordh /G REGIONAL ENGINE

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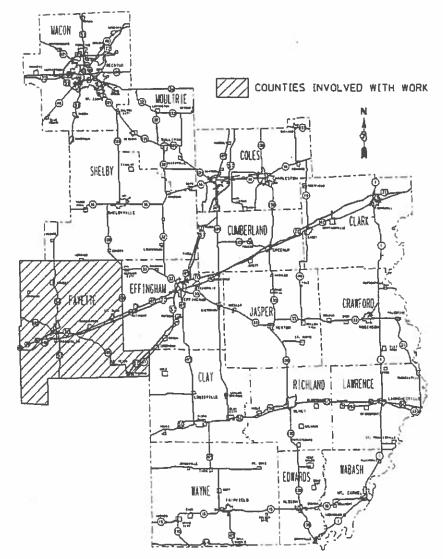
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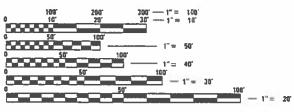
## PROPOSED HIGHWAY PLANS

FAI 70 (I 70) & FAP 322 (US 51) SECTION D7 BRIDGE PAINTING 2019-4 PROJECT NHPP-16GU(475) BRIDGE PAINTING FAYETTE COUNTY

C-97-115-18



FOR INDEX OF SHEETS, SEE SHEET NO. 2



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

PROJECT ENGINEER: TOM RONAN PROJECT MANAGER: TOM RONAN

PHONE: (217)342-8320 CONTRACT NO. 74878

## INDEX OF SHEETS

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

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 11:

000001-06 STANDARD SYMBOLS, ABBREVIATIONS, & PATTERNS

643001-02 SAND MODULE IMPACT ATTENUATORS

701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY

701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE

701101-05 OFF-ROAD OPERATIONS, MULTI-LANE, 15' TO 24" FROM PAVEMENT EDGE

701106-02 OFF-ROAD OPERATIONS, MULTI-LANE, MORE THAN 15' AWAY

701201-04 LANE CLOSURE, 2L, 2W, FOR SPEEDS >= 45 MPH

701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

701401-11 LANE CLOSURE, FREEWAY/EXPRESSWAY

701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER

701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH

701901-07 TRAFFIC CONTROL DEVICES

704001-08 TEMPORARY CONCRETE BARRIER

## GENERAL NOTES

THE PROPOSED PROJECT IS LOCATED AT 2 LOCATIONS: ON INTERSTATE 70 AND US ROUTE 51 IN FAYETTE 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

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 OP1 AND OP2 PAINTING CONTRACTOR CERTIFICATION WILL BE REQUIRED FOR THIS PROJECT.

LOCATION #1

BRIDGE # 1 ROUTE: FAI ROUTE 70 MARKED: 1-70 SECTION: 26-2HB-4 STATION: 512+58.57 STRUCTURE NUMBER: 026-0032

TYPE OF BRIDGE: Wide Flange I Beams-4 Spans - 14 Beams LOCATION: US Route 51 Interchange in Vandalia FEATURE CARRIED/SPANNED: US 51 over I-70

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, including beams, bearings, and diaphragms, shall be cleaned by SSPC-SP10- Near White Metal Blast Cleaning. Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". This structure contains lead paint.

The designated areas cleaned per Near White Metal Blast Cleaning - SSPC-SP10 shall be painted according to the requirements of Paint System 1 - 0Z/E/U.

Two air monitors will be required at this location.

LOCATION #2

BRIDGE # 2 ROUTE: FAP 322 MARKED: U.S. 51 SECTION: 23BR-1 STATION: 87+36 STRUCTURE NUMBER: 026-0035

TYPE OF BRIDGES: Wide Flange I Beams-3 Spans - 8 Beams LOCATION: 1.5 Miles South of US Route 40 FEATURE CARRIED/SPANNED: US 51 over Sandy Run Creek

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, on all beams, bearings, and diaphragms, within 5' (measured along the beam) of the abutments and any expansion joints shall be cleaned by SSPC-SP10- Near White Metal Blast Cleaning. The outside and bottoms of both fascia beams, for the entire length of the beams, shall be cleaned in their entirety by SSPC-SP10- Near White Metal Blast Cleaning. 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 - 0Z/E/U.

No air monitors will be required at this location.

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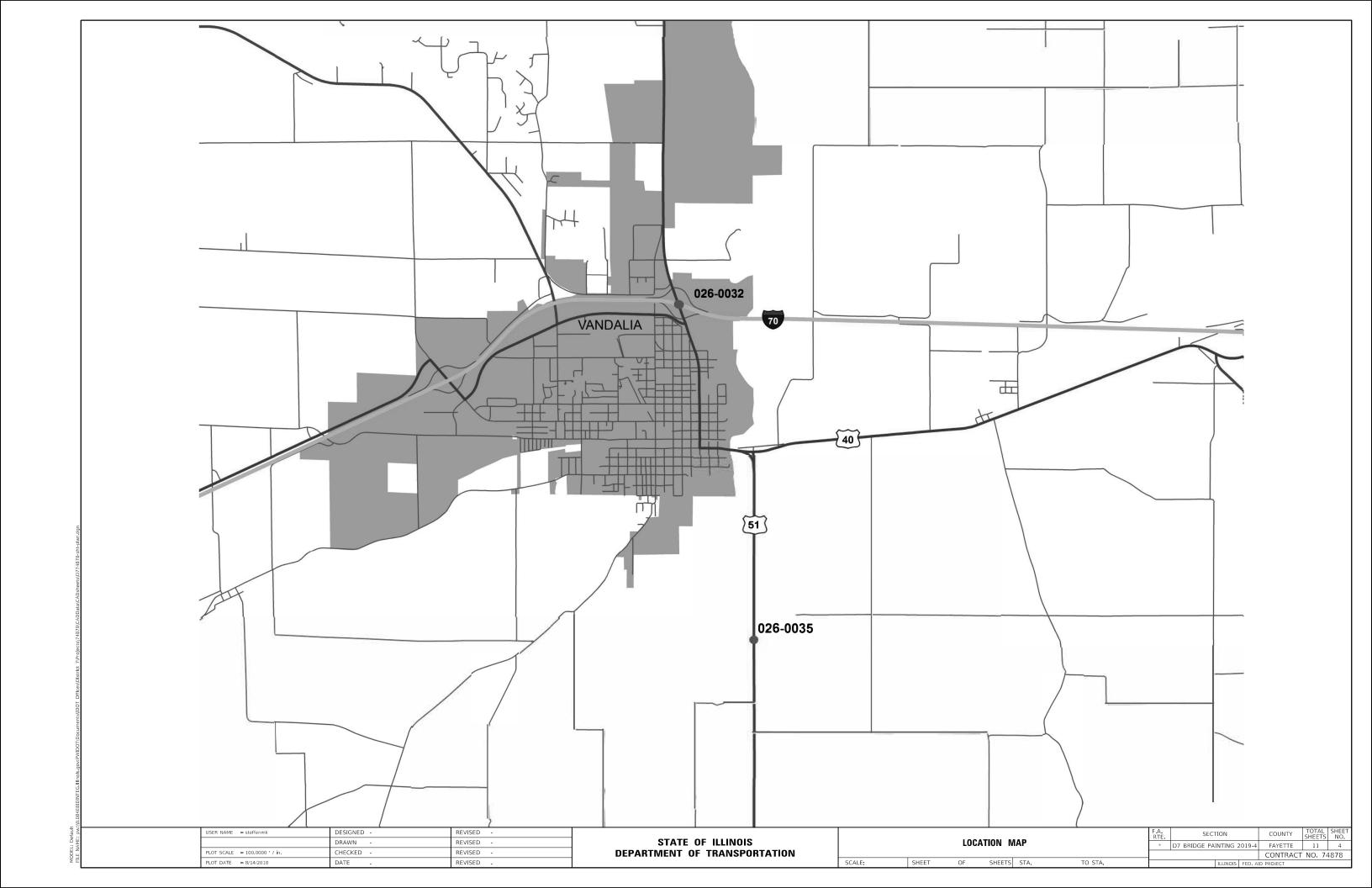
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

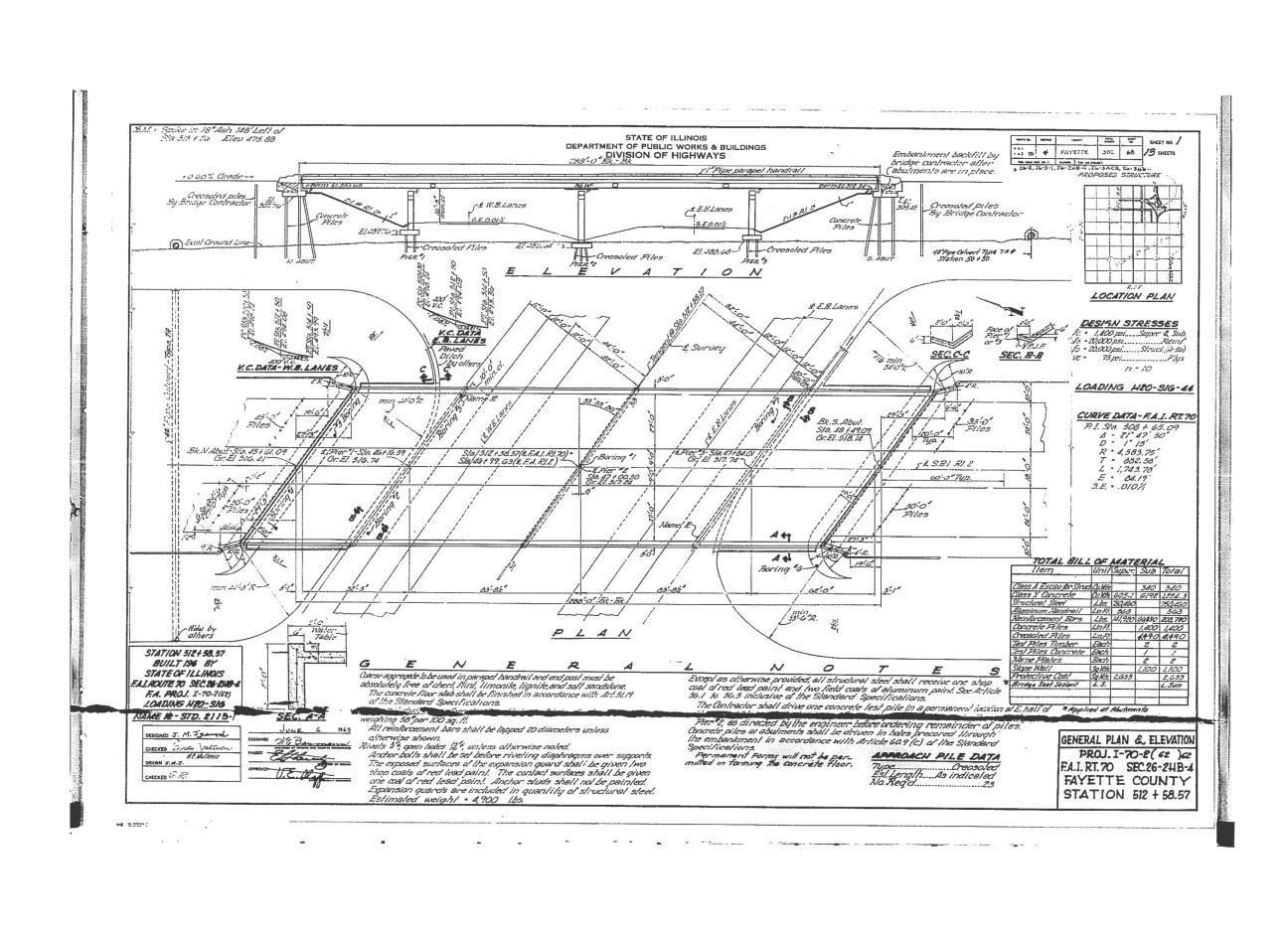
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	SUMMARY OF QUANTITIES				STRUCTION TYPE	CODE		SUMMARY OF QUANTITIES				STRUCTION TYPE	C
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0047 URBAN FAI 70	0047 RURAL FAP 322	CODE	NO	ITEM	UNIT	TOTAL QUANTITIES	0047 URBAN FAI 70	0047 RURAL FAP 322	<u> </u>
67100100	MOBILIZATION	L SUM	1	0.5	0.5	z000	7112	CONTAINMENT AND DISPOSAL OF LEAD PAINT	L SUM	1	0.9	0.1	
								CLEANING RESIDUES					
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	1	1									_
	701402					Z001	0501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	2	2		Z001	0502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1		1	
	701411												
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1		1								
	701201												
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1									
	701401												 
70400100	TEMPORARY CONCRETE BARRIER	FOOT	400	400									_
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1200	1200									
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-	EACH	1	1									
	REDIRECTIVE), TEST LEVEL 3												_
70600350	IMPACT ATTENUATORS, RELOCATE (NON-	EACH	3	3									
	REDIRECTIVE), TEST LEVEL 3												_  -
x7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28									_
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	240	240									
									1				Ī

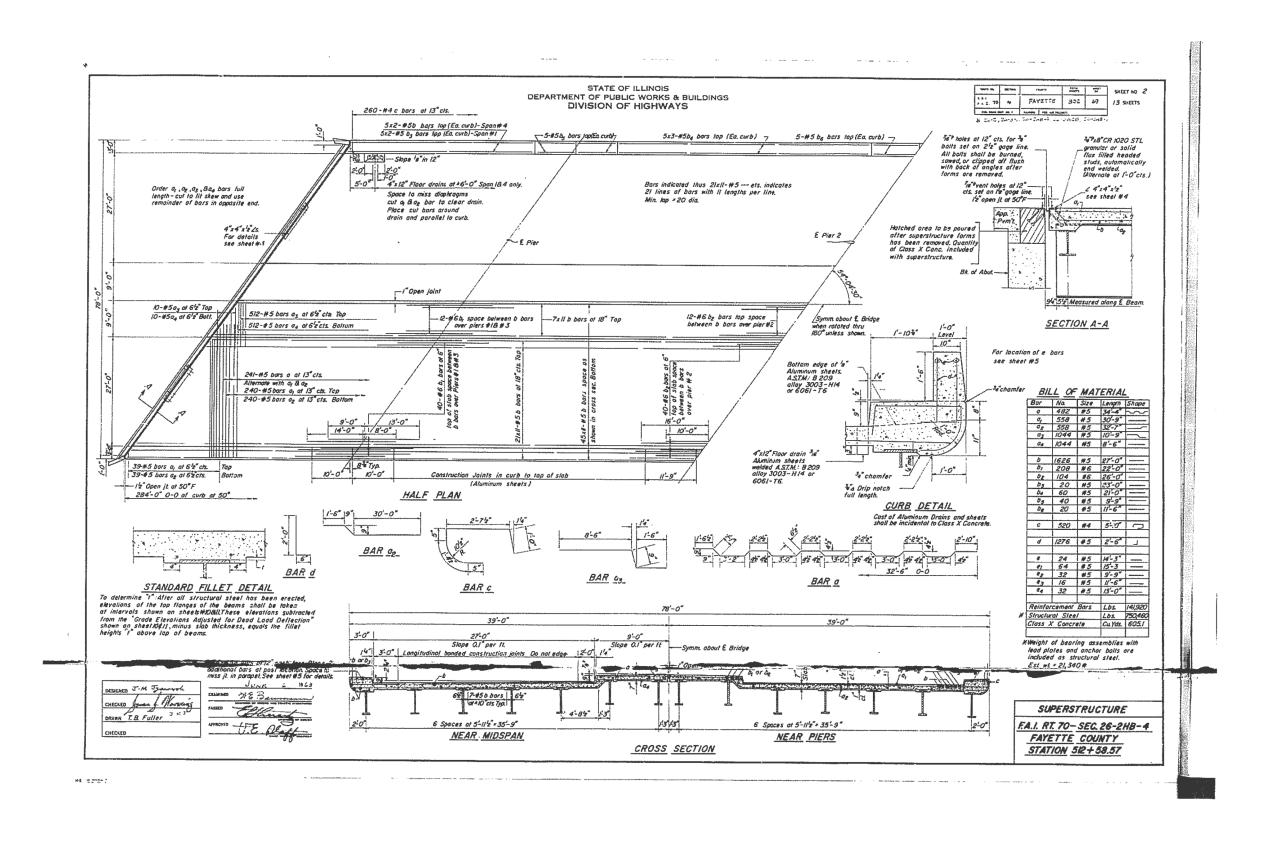
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STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS MOTO SHEET NO. 3 112 TO . FAYETTE 302 TO 13 SHEETS Fig. 15 on 1 Based | The re-Proof."

& 2'a-2', 2'a-3-1', 2'a-22id-4', 2'a-3ACB', 5'a-3-10-1 281-10 c.c. Abul. Brais 83.82 c.c Bra. 83.86 c.c Bra 62-0' c.c Bra 58.5 C.C Bra. 16:0' 20:01 14-10 + £ Brg Pier 3 Fort Bog. N. Abut. £ Splice 3 & Brg S. Abut Lang LE Splice" f-£ Splice "E Fier 2 1:33 0, A 54"01 30" (B) 23:00 1 Spaced @ 10-116 - 83-86 85-102 - 1 Splice 1- 1 Splice 2 47.85 & Splice 2- & Splice 3 78'55' £ Splice's End of Bn ut's!" End of Bin - £ Splice 7 All beams are 36 WF 160, and shall conform to 4-36 Seel Localion In I Bm ? Bm 4 Bm 4 Bm 5 Bm 6 Bm 7 Bm 8 Bm 9 Bm 0 Bm 11 Bm 12 Bm 13 Bm 1 £ Brg. N. Abul 51540 31548 515.50 515.00 515.71 51053 510.01 310.00 510.59 515.82 515.80 515.77 515.75 515.72 SECTION A.A. £Brg.Fier" 1 515.72 515.80 515.88 515.95 516.00 516.85 510.93 516.91 516.14 516.12 516.09 516.07 516.08 £ Splice 1 515.81 515.89 515.97 514.01 514.72 514.91 517.02 517.02 517.00 516.25 516.21 516.18 516.16 516.15 -26 @Bm. 1.6.9 &M 38 min. Dr £Big Per 2 2022 31630 51633 51643 51643 51635 51735 51745 51745 51741 51664 31668 51659 51657 51658 ++++ £ Splice "7 | 51634 51632 51630 51657 51665 51747 51754 51755 51753 51670 51671 51671 51669 51669 14 WF 34 4-18 6 x 6 x 2 12 WF 40 2-19 6 x 4 x 3 £ Splice "3 5463 546.71 54679 54650 54694 517.70 517.83 517.84 517.82 517.85 517.05 517.03 517.00 546.98 546.95 £Brq Pier\*3 34.72 516.80 514.88 516.95 517.03 517.85 517.95 517.94 517.91 517.14 517.12 517.01 517.07 517.00 E-& High strength botts Web spiice plate 53 min De £Brg.S.Abus. 517.09 517.17 517.25 517.36 517.40 518.25 518.30 518.31 518.29 517.52 517.50 517.47 517.45 517.42 each side 13 2 sp 34 2 sp 13 DIAPHRAGM D DIAPHRAGM D, & D; A Splice 3 E Bearing Rem st! diaphnagms level SPLICE 9'.9' Span 2 9'-9"Span 3 Splice I slope 1.6 3-3 STRUCTURAL STEEL ME Burney FFAR INTERIOR STEELE AND THE PARTY OF THE PA FABRICATION DIAGRAM Cover piale Il'x'e\* CE Brg. Pier 2. SPAYS DE ME LE COLUNNERY STATION 512 + 58.57 COVER PLATE

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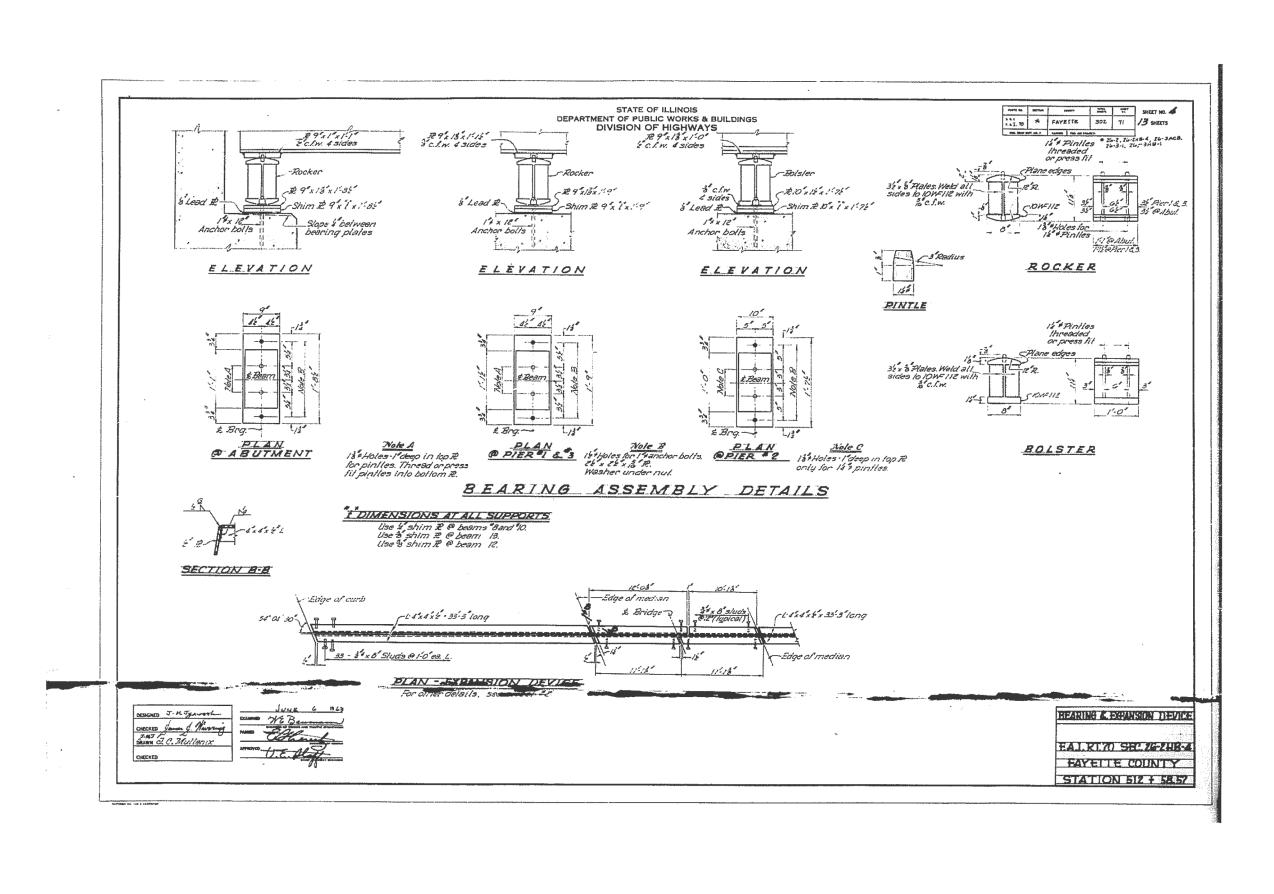
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STATE OF ILLINOIS 026-0032 **DEPARTMENT OF TRANSPORTATION** SHEET SHEETS STA.

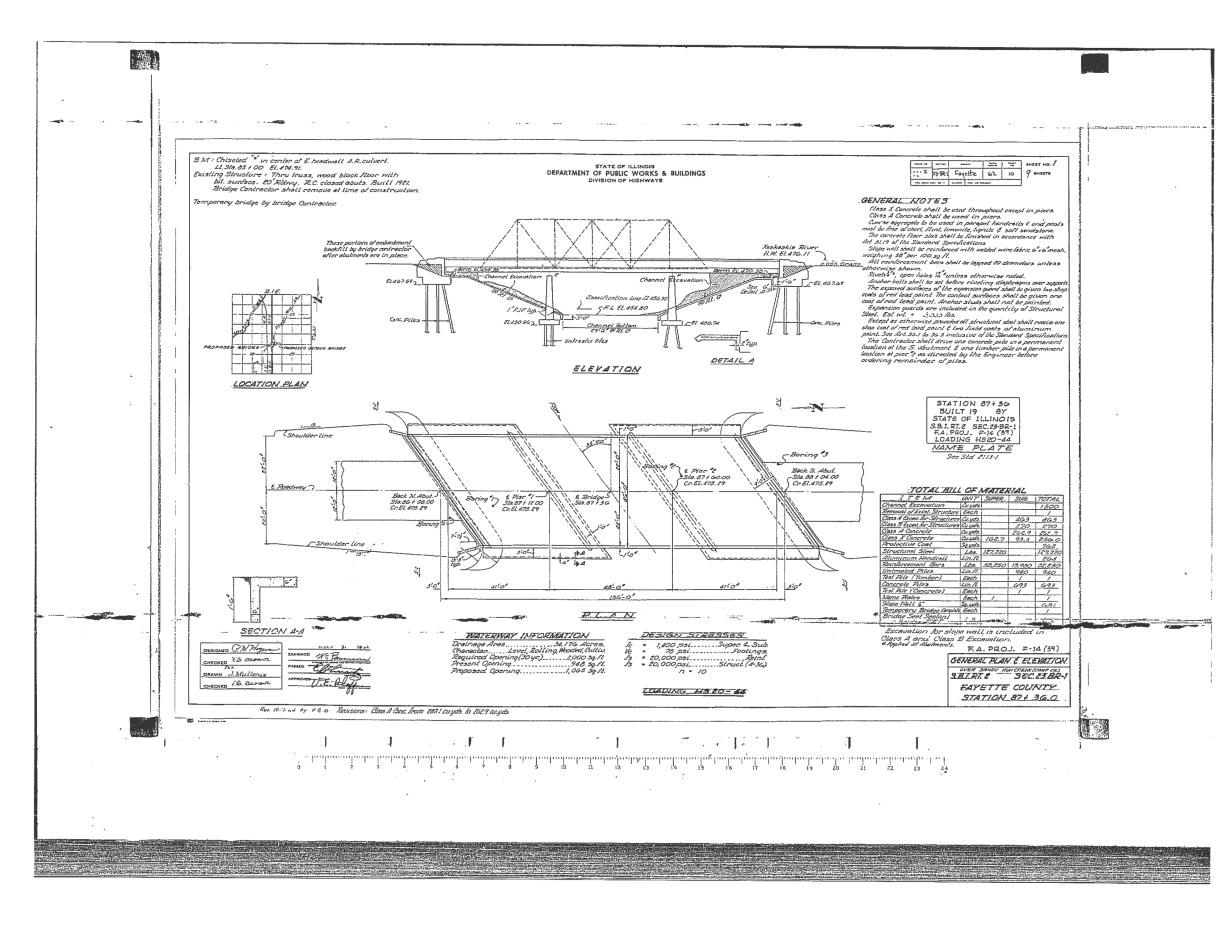
**EXISTING STRUCTURE PLANS** TO STA.

SECTION COUNTY \* D7 BRIDGE PAINTING 2019-4 FAYETTE 11 7 CONTRACT NO. 74878



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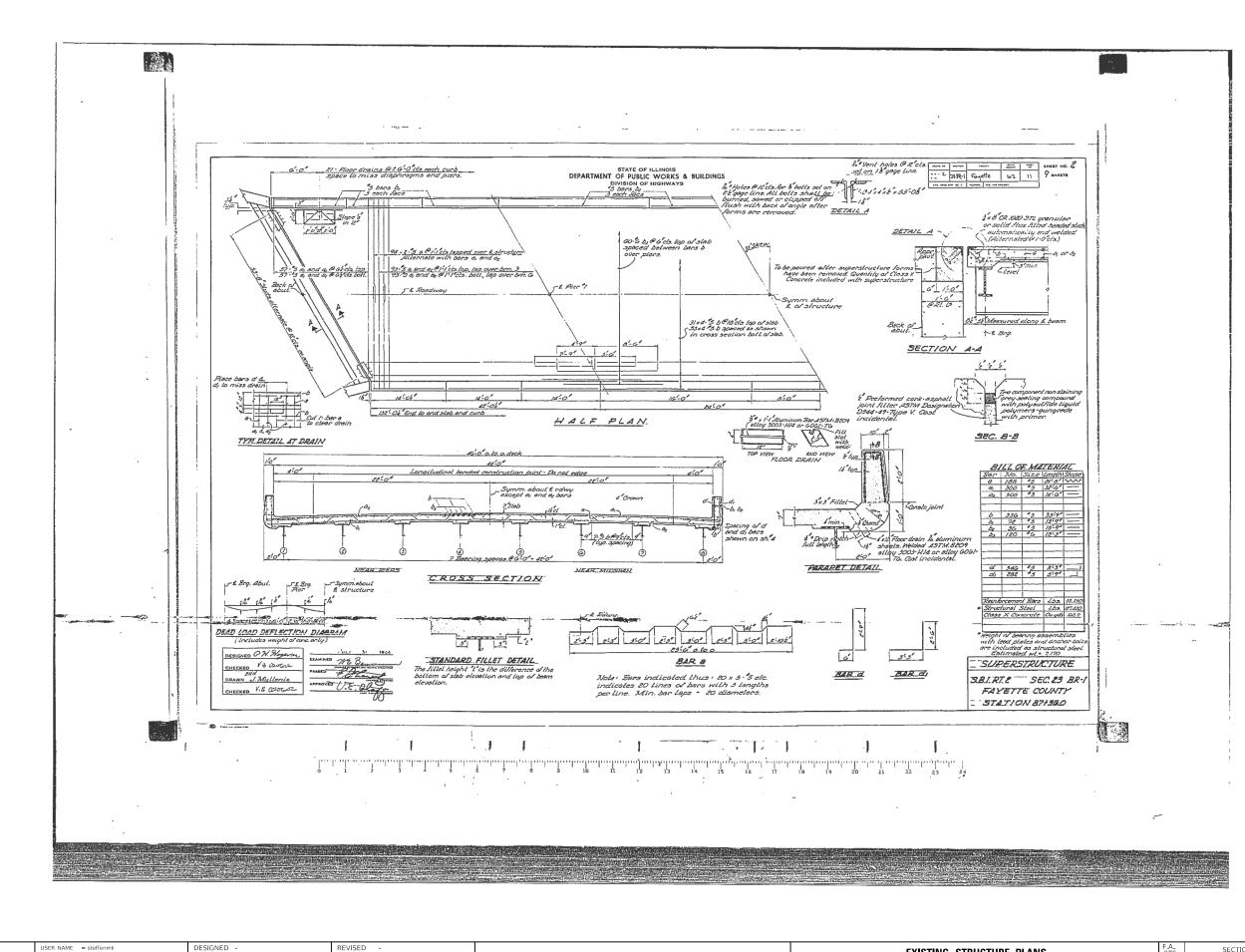
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

026-0035

SHEET OF SHEETS STA. TO STA.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS 11 7 23 984 Fayette LZ 12 SHEET NO. 3 9'-9" St Brg. TV. Abut. SE Pier 9 YEARER'S YA Splice & V & Splice 1 16:00 51:9" STRUCTURAL STEEL LAYOUT
All beams & W. M. & ore level h be ground into dilited bearing or in piece or in piece. Note: All "t' dimensions equal zero 144 STRUCTURAL STEEL S.B.I. RT. 2 SEC. 23 BR-1 FAYETTE COUNTY DETAIL OF SPLICE STATION 87+36.0

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\* D7 BRIDGE PAINTING 2019-4 FAYETTE 11 171 171

CONTRACT NO. 74878

ILLINOIS FED. AID PROJECT