

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	1
FAI-55 & FAI-72		ILLINOIS	CONTRACT NO. 70J03	
			McLEAN & PIATT	

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

PROPOSED  
HIGHWAY PLANS

FAI ROUTE 55 & FAI ROUTE 72 (I-55 & I-72)  
SECTION D5 BRIDGE PAINTING 2026-2  
PROJECT NHPP -R4LU(726)  
BRIDGE PAINTING  
McLEAN & PIATT COUNTIES

C-95-034-26

TR 23, 1 MILE SOUTH OF US 24 AT CHENOA AND AT  
CH 17, 1 MILE EAST OF MACON / PIATT COUNTY LINE

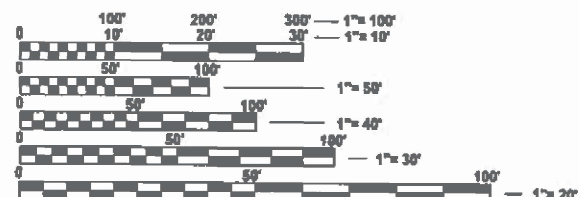
CURRENT TRAFFIC DATA

LOC. #1	LOC. #2
TR 23/CR 3000N = 75	CH 17/CR 100E = 125
I-55 = 25,200	I-72 = 12,200
(2026)	(2026)

LOC. #1: S.N. 057-0177 - TR 23 / CR 3000N over I-55 - 1.0 mi. S of Chenoa  
LOC. #2: S.N. 074-0058 - CH 17 / N Main St / CR 100E over I-72 - N of Cisco



FOR LOCATION MAP, SEE SHEET NO. 3



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: JASON STULTS  
SQUAD LEADER: GREG EAGLIN  
DESIGNER: JASON LEE  
PHONE NUMBER: (217)465-4181  
CONTRACT NO. 70J03

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3/2 20 26  
Kenneth A. Kramett  
REGIONAL ENGINEER

May 8 20 26  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 20 26  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES
3	LOCATION MAP LOCATIONS - MCLEAN & PIATT COUNTIES
4	SUMMARY OF QUANTITIES
5	TRAFFIC CONTROL SUMMARY
6	DESCRIPTIONS OF WORK FOR LOCATIONS 1-2
7	PHOTOS - WELDED STEEL BOX-GIRDERS
8-12	LOCATION #1 STRUCTURE DETAILS
13-17	LOCATION #2 STRUCTURE DETAILS
18	DETAIL FOR TEMPORARY RUMBLE STRIPS (SPECIAL)

**HIGHWAY STANDARDS**

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY / EXPRESSWAY, WITH BARRIER
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

**GENERAL NOTES**

G.N.-100A  
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR

G.N.-501A  
THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHALL FOLLOW THE GUIDE BRIDGE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES" TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

G.N.-506 (SPL.)  
ALL INTERIOR SURFACES OF THE BEAMS SHALL BE PAINTED GRAY (MUNSELL COLOR STANDARD - 5B 7/1) AS SPECIFIED UNDER THE DESCRIPTION FOR EACH STRUCTURE.

ONLY STRUCTURAL STEEL AND OTHER DESIGNATED SURFACES SHALL BE PAINTED. ALL OTHER SURFACES SHALL BE PROTECTED FROM CONTRACTORS BLASTING AND PAINTING OPERATIONS. ANY AREAS DAMAGED BY BLASTING OR OVERSPRAY WILL BE REMOVED OR REPAIRED AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CARE SHALL BE TAKEN NOT TO DAMAGE RUBBER BEARING OR JOINT COMPONENTS DURING BLASTING AND CLEANING OPERATIONS. ANY DAMAGE TO THESE COMPONENTS SHALL BE REPAIRED AT CONTRACTORS EXPENSE.

THE SSPC-QP1 AND QP2 PAINTING CONTRACTOR CERTIFICATIONS WILL BE REQUIRED FOR THIS CONTRACT.

ALL TRASH AND PAINTING DEBRIS, EXCLUDING WASTE BARRELS OR ROLL-OFF DUMPSTERS, SHALL BE REMOVED BEFORE BEGINNING WORK AT ANOTHER LOCATION.

2 YEAR PAINT WARRANTY REQUIRED FOR ALL STRUCTURES

TRAFFIC CONTROL & PROTECTION STANDARD 701428: THIS STANDARD IS TO BE USED WHEN THE ADT IS GREATER THAN 25,000.

COMMITMENTS  
THERE ARE NO COMMITMENTS ON THIS PROJECTS

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS,  
GENERAL NOTES & COMMITMENTS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	2
			CONTRACT NO. 70J03	

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

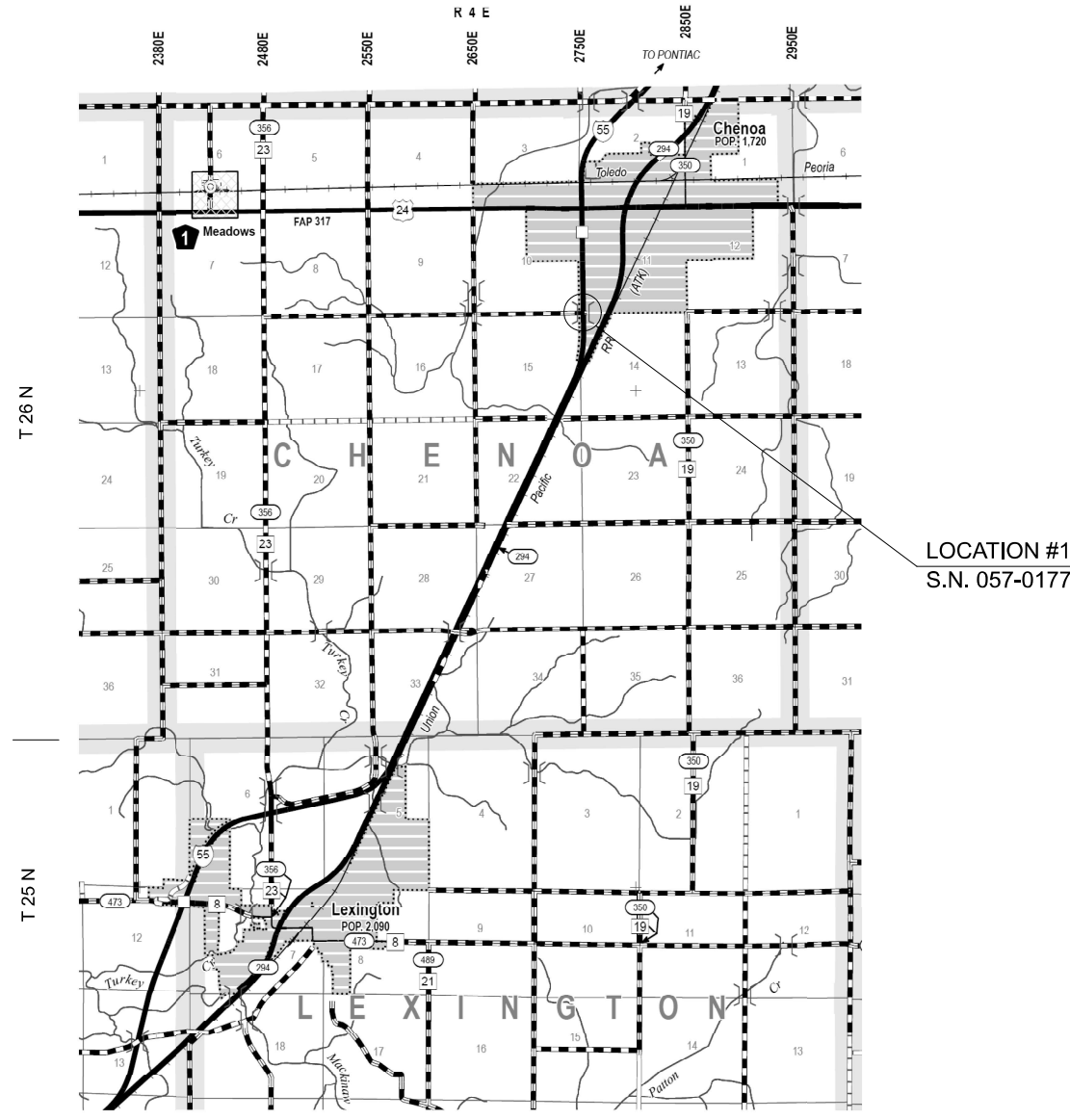
ILLINOIS FED. AID PROJECT  
FAI-55 & FAI-72

McLEAN & PIATT

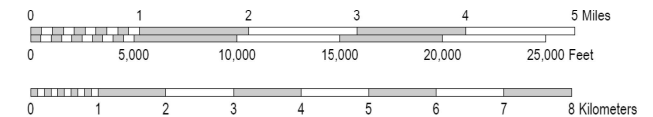
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# MCLEAN COUNTY

TOWNSHIP:  
CHENOA

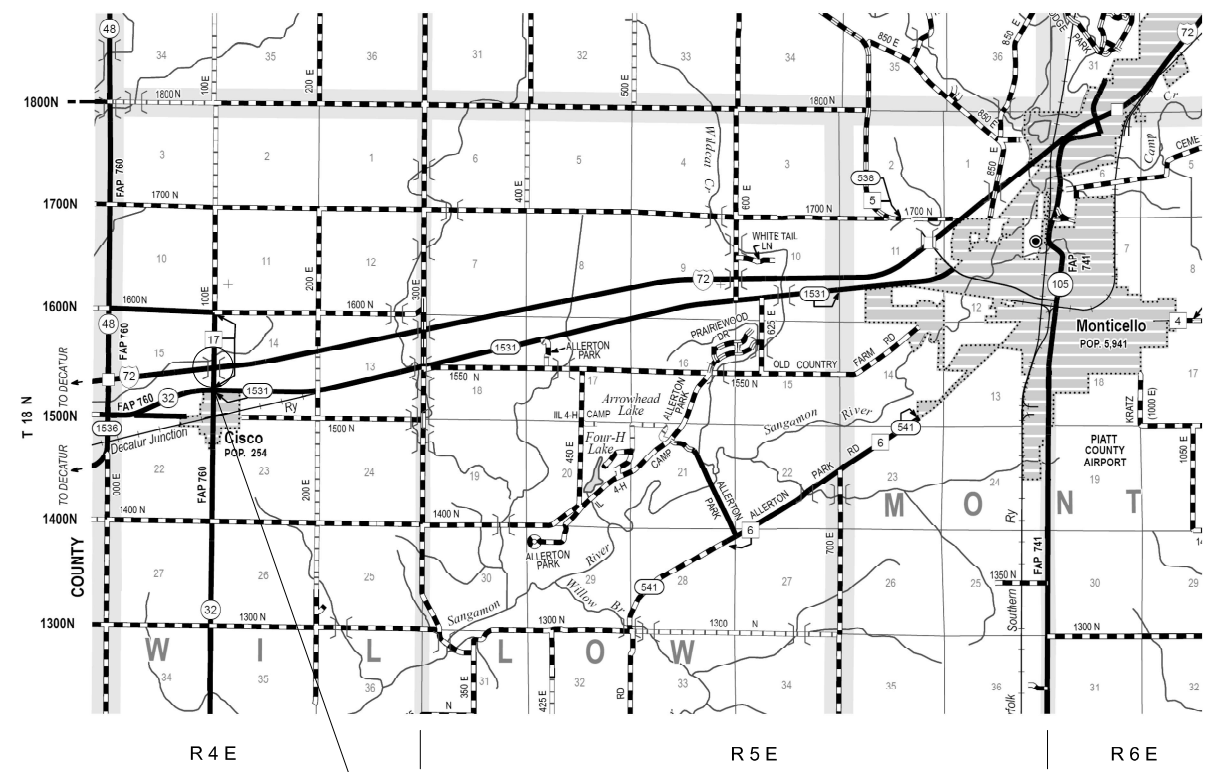


SCALE FOR MAIN MAP

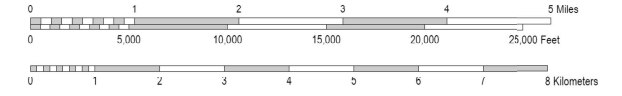


# PIATT COUNTY

TOWNSHIP:  
WILLOW BRANCH



SCALE FOR MAIN MAP



MODEL - Detailed Location Maps (Sheet)  
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USER NAME	= Steven.Wood	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 2/24/2026	DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAPS  
MCLEAN COUNTY & PIATT COUNTY**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	3
CONTRACT NO. 70J03				

ILLINOIS FED. AID PROJECT

FAI-55 & FAI-72  
MCLEAN & PIATT



# TRAFFIC CONTROL SUMMARY

Location	Structure	Direction	Lane	70100207	no pay item	no pay item	70400100	70600250	70107025	70106700
				TC&P Std. 701402 Each	TC&P Std. 701400 not measured for payment included w/ 701401 & 701402	TC&P Std. 701428 not measured for payment included w/ 701400 & 701402	Temp Conc Barrier Foot	Impact Atten Test Level 3 Each	Changeable Message Sign Cal Day	Temp Rumble Strip Each
<b># 1</b> clean & paint <b>Interior</b> <b>ONLY</b>	057-0177	NB	DL	1.0	on I-55 NB	required	300	1.0	7 day advance notice	4.0
		NB	PL	* Will NOT need to close the PL for cleaning & painting the interior of the Box Beams						
	057-0177	SB	DL	1.0	on I-55 SB	required	300	1.0	7 day advance notice	4.0
		SB	PL	* Will NOT need to close the PL for cleaning & painting the interior of the Box Beams						
<b># 2</b> clean & paint <b>Interior</b> <b>ONLY</b>	074-0058	EB	DL	1.0	on I-72 EB	-	300	1.0	7 day advance notice	4.0
		EB	PL	* Will NOT need to close the PL for cleaning & painting the interior of the Box Beams						
	074-0058	WB	DL	1.0	on I-72 WB	-	300	1.0	7 day advance notice	4.0
		WB	PL	* Will NOT need to close the PL for cleaning & painting the interior of the Box Beams						
<b>TOTALS</b>				4.0	-	-	1200.0	4.0	28.0	16.0

\* NOTE: Only the Interiors of the Steel Box Girders are to be cleaned & painted.  
 Access doors to the interiors are over the driving lane shoulders.  
 It is NOT anticipated that closure of the passing lanes will be necessary.

MODEL: Traffic Control Summary (Sheet)  
 FILE NAME: c:\p\work\wvtd\stevenson\road\illinois\pcv\1200868\ID570\03-sh1h-TCS.dgn

USER NAME = Bridgette.Pierson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL SUMMARY**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	5
CONTRACT NO. 70J03				

**LOCATION #1**

**INTERIOR ONLY**

DESCRIPTION: TR 23 / CR 3000N over I-55 - 1.0 mi. S of Chenoa @ m.p. 185.65  
 COUNTY: MCLEAN  
 ROUTE: F.A.I. 55  
 MARKED ROUTE: I-55  
 SECTION: 57-1HB-1  
 STRUCTURE NO.: 057-0177  
 TYPE OF STRUCTURE: 2 SPAN CONTINUOUS STEEL - MULTI-BOX GIRDER - SPREAD  
 2 BOX BEAM LINES  
 EACH BOX BEAM LENGTH = 211.92' End-End / 211.0 CL Brg-CL Br

CLEANING AND PAINTING THE INTERIOR OF THE BOX GIRDERS ONLY.

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES." ALL INTERIOR STRUCTURAL STEEL SURFACES SHALL BE CLEANED PER NEAR WHITE BLASTING SSPC-SP10.

THE DESIGNATED AREAS CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10 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 GREY, MUNSELL NO. 5B 7/1.

A MINIMUM OF ONE (1) HIGH VOLUME AIR MONITORS WILL BE REQUIRED TO MONITOR AIR QUALITY DURING DUST PRODUCING OPERATIONS AT THIS SITE. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".

THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHALL FOLLOW THE GUIDE BRIDGE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES" TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

TWO (2) YEAR PAINT WARRANTY REQUIRED FOR THIS STRUCTURE

**LOCATION #2**

**INTERIOR ONLY**

DESCRIPTION: CH 17 / N Main St / CR 100E over I-72 - N edge of Cisco @ m.p. 156  
 COUNTY: PIATT  
 ROUTE: F.A.I. 72  
 MARKED ROUTE: I-72  
 SECTION: 74-67HB  
 STRUCTURE NO.: 074-0058  
 TYPE OF STRUCTURE: 2 SPAN CONTINUOUS STEEL - MULTI-BOX GIRDER - SPREAD  
 2 BOX BEAM LINES  
 EACH BOX BEAM LENGTH = 215.58' End-End / 214.5 CL Brg-CL Br

CLEANING AND PAINTING THE INTERIOR OF THE BOX GIRDERS ONLY.

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES." ALL INTERIOR STRUCTURAL STEEL SURFACES SHALL BE CLEANED PER NEAR WHITE BLASTING SSPC-SP10.

THE DESIGNATED AREAS CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10 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 GREY, MUNSELL NO. 5B 7/1.

A MINIMUM OF ONE (1) HIGH VOLUME AIR MONITORS WILL BE REQUIRED TO MONITOR AIR QUALITY DURING DUST PRODUCING OPERATIONS AT THIS SITE. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".

THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHALL FOLLOW THE GUIDE BRIDGE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES" TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

TWO (2) YEAR PAINT WARRANTY REQUIRED FOR THIS STRUCTURE

MODEL: Description of Work (Sheet)  
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USER NAME = Steven.Wood	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DESCRIPTIONS OF WORK  
 LOCATIONS #1 & #2**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	6
CONTRACT NO. 70J03				
ILLINOIS		FED. AID PROJECT		



Typical Access Doors for Welded Steel Box-Girders



Typical Transverse and Longitudinal Stiffeners from Splice to Pier



Typical Bulkhead at Abutments



Typical Bulkhead at Pier

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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	# 2/4/2026	DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PHOTOS  
WELDED STEEL BOX-GIRDERS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	7
			CONTRACT NO. 70J03	

ILLINOIS FED. AID PROJECT  
FAI-55 & FAI-72

McLEAN & PIATT

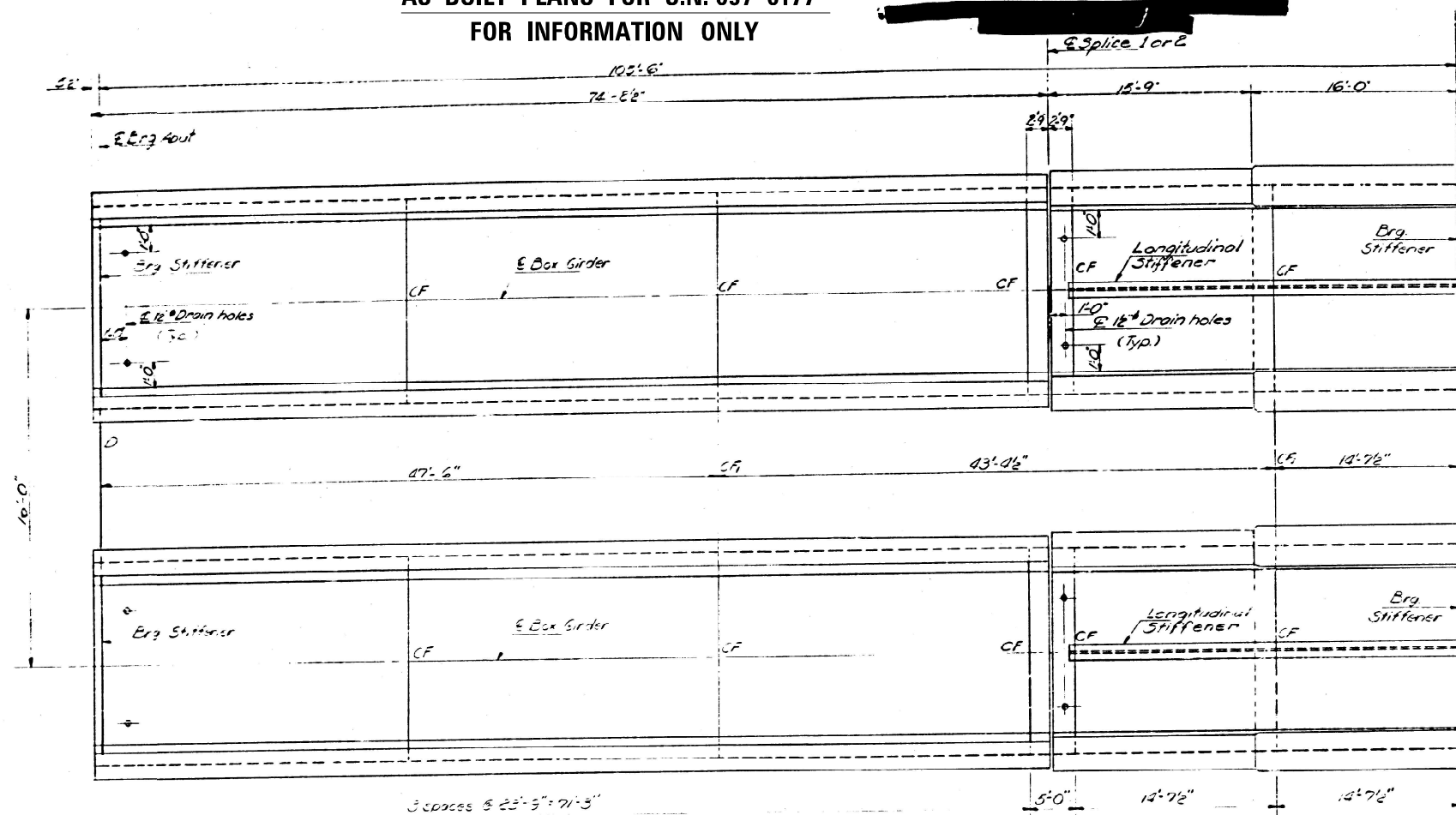




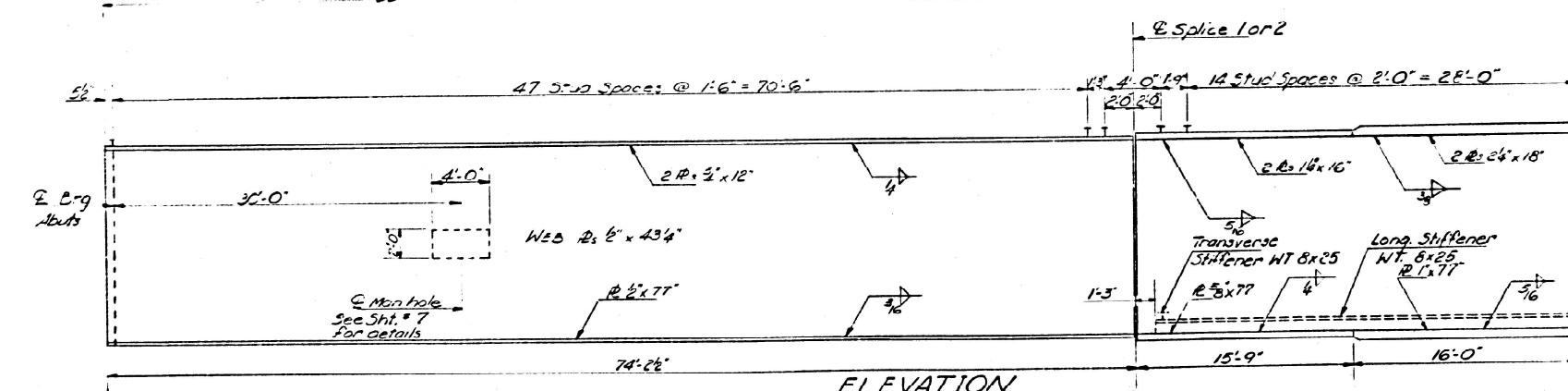
AS-BUILT PLANS FOR S.N. 057-0177  
FOR INFORMATION ONLY

STATE OF ILLINOIS

DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
25	5-1	McLean	23	12
FED. ROAD DIST. NO. 7		CLASS	FED. AID PROJECT	



PLAN



ELEVATION

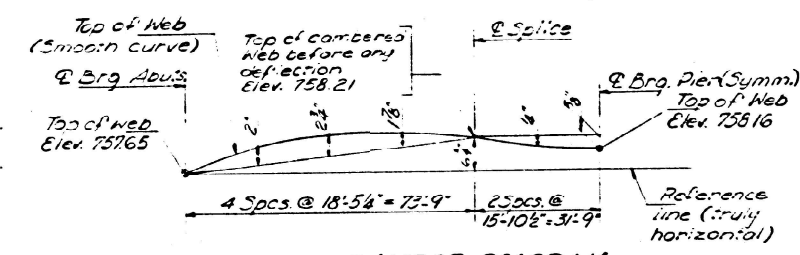
**GIRDER MOMENT TABLE**

	D. 4521	Pier
$I_x$ (in <sup>4</sup> )	30094	83271
$I_c$ (in <sup>4</sup> )	78145	89889
$S_x$ Top (in <sup>3</sup> )	1152	3601
$S_x$ Bot (in <sup>3</sup> )	1758	3763
$S_c$ Top (in <sup>3</sup> )	7752	4100
$S_c$ Bot (in <sup>3</sup> )	2356	3849
$I_y$ (in <sup>4</sup> )	1904	1904
$M.D.$ (k)	1175	2420
$F_s$ (ksi)	802	1091
$S_y$ (in <sup>3</sup> )	1048	1048
$M_s$ (k)	805	1487
$M_E$ (k)	1094	1068
$M$ Imp (k)	238	233
Total (k)	2137	2768
$F_s$ (ksi)	10.68	8.69
$F_s$ Total (ksi)	18.90	19.60
$V_R$ (k)	60.9	69.1

**GIRDER REACTION TABLE**

	ABUT.	PIER
$R_D$ (k)	109.2	404.4
$R_L$ (k)	53.5	92.4
Imp. (k)	11.6	20.1
$R$ Total (k)	174.3	516.9

$I_x$  &  $S_x$  are the moment of inertia & section modulus of the steel section  
 $I_c$  &  $S_c$  are the moment of inertia & section modulus of the composite section  
 $V_R$  is the maximum  $L +$  Impact shear range in span



CAMBER DIAGRAM  
(Typ. for all webs)

TOP OF WEB ELEVATIONS

	Box 162
E Brg West Abut	75765
E Splice 1*	75821
E Brg Pier	75816
E Splice 2*	75821
E Brg East Abut	75765

\* Before any deflection

(for fabrication only)

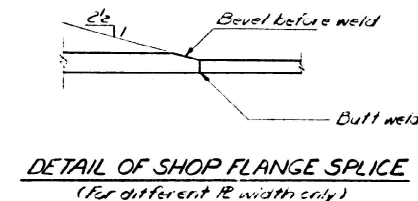
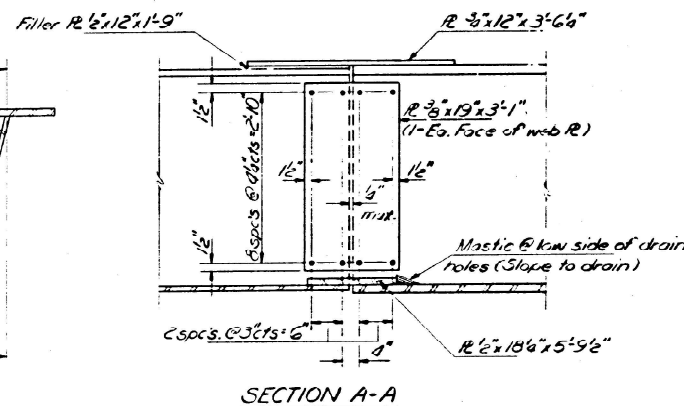
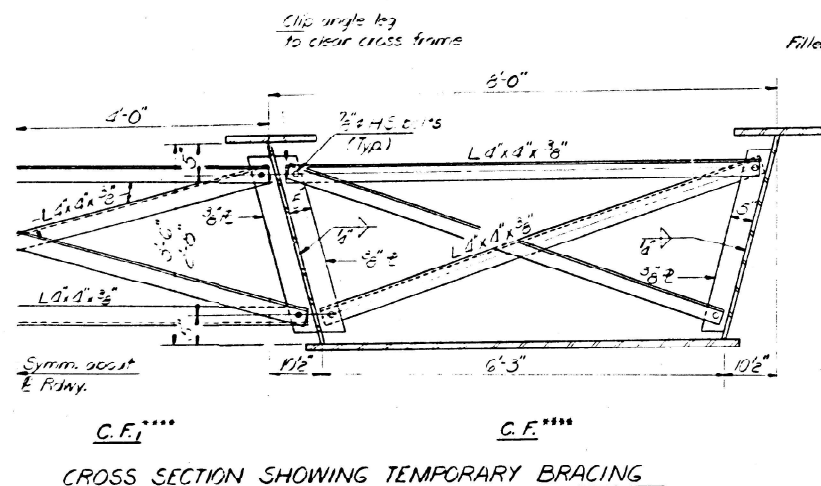
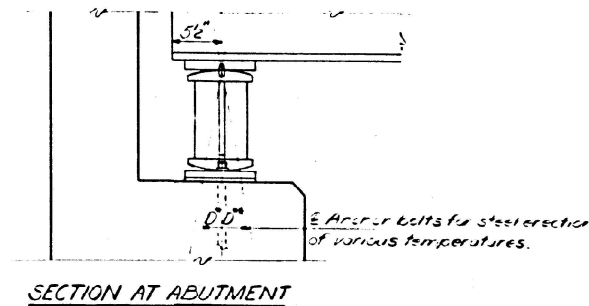
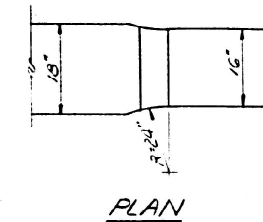
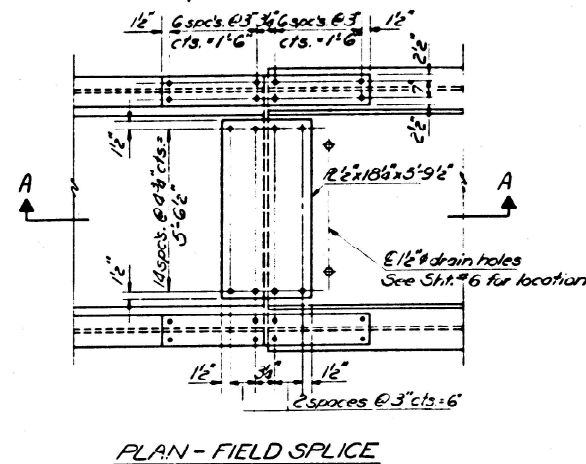
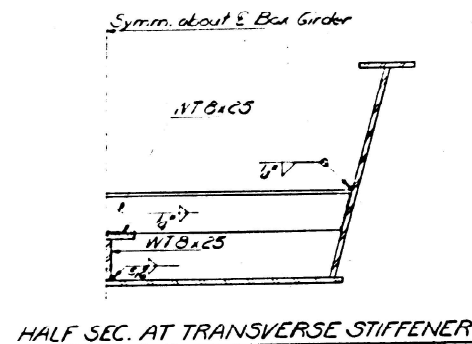
Note: See Shts # 7 & # 8 for remainder of Structural Steel details

DESIGNED	EXAMINED
CHECKED	PASSED
DRAWN	APPROVED
CHECKED	

STRUCTURAL STEEL  
FAI RT. 55 SEC. 57-145-1  
MCLEAN COUNTY  
STA. 345-71.49

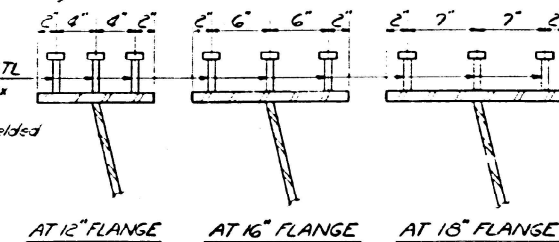
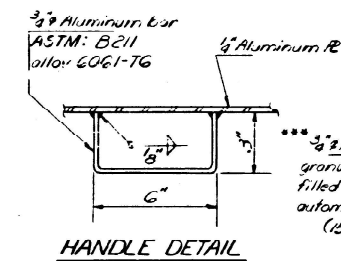
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PROJECT NO.	SECTION	DATE	SCALE	SHEET NO.	TOTAL SHEETS
FAI-55	D5-1	McLean	25	13	12 SHEETS
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DATE	



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) Before beams have been erected, notes shall be written and anchor bolts shall be grouted in place. D\* or D\*\* adjustments shall be accomplished utilizing slotted holes in bottom bearing plate. All fixed anchor bolts may be built into the masonry.



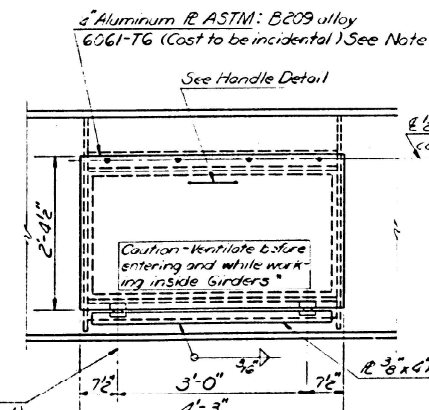
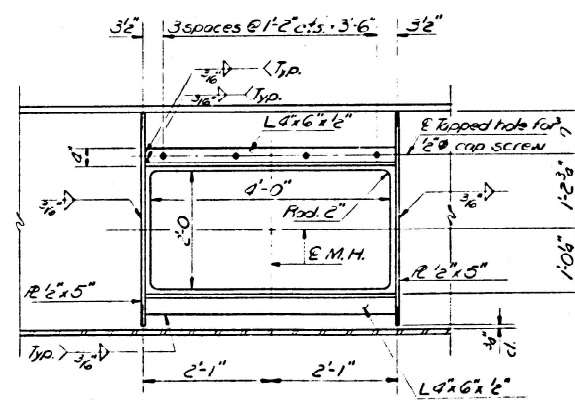
C.F.\*\*\*\*  
CROSS SECTION SHOWING TEMPORARY BRACING

SECTION A-A

HANDLE DETAIL

AT 12" FLANGE AT 16" FLANGE AT 18" FLANGE

\*\*\*\* Cross frames CF shall be placed in the shop & cross frames Cf shall be placed in the field with the exception of the 3/8" R which shall be shop welded. Both CF & Cf shall remain in place during placement and curing of the concrete deck after which these cross frames along with the deck forms shall be removed.  
20-CF Required  
4-Cf Required



INSIDE VIEW

OUTSIDE VIEW

MANHOLE DETAILS  
(Markings shall be put in inside web of each box)

\* Warning Note shall be stenciled on inside of door using approved paint and 1/2 inch high letters.

Note: The exterior surface of the aluminum access doors shall be cleaned and given a washcoat pretreatment in accordance with the Steel Structures Painting Council's Specifications SSPC-5/P1 and SSPC-PT3 followed by the basic lead silico chromate coating specified for structural steel.

STRUCTURAL STEEL DETAILS  
F.A.I. RT. 55 - SEC. 57-1HB-1  
MCLEAN COUNTY  
STATION 345+71.69

DESIGNED	<i>Steven Wood</i>
CHECKED	<i>St. Wood</i>
DRAWN	<i>J. Smith</i>
CHECKED	<i>S. P.</i>

EXAMINED	<i>[Signature]</i>	DATE	DEC 22 1971
PASSED			
APPROVED			

USER NAME	Steven.Wood	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	3/2/2026	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT PLANS  
LOCATION #1, S.N. 057-0177

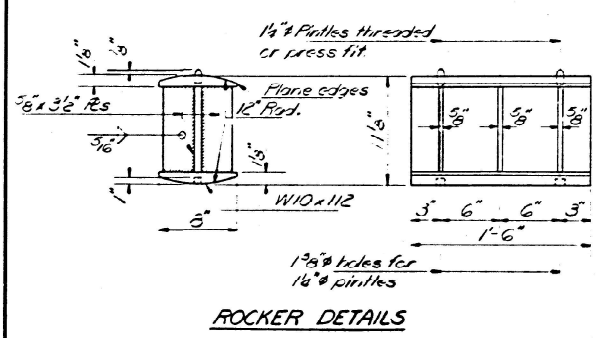
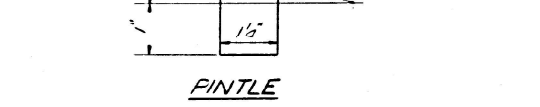
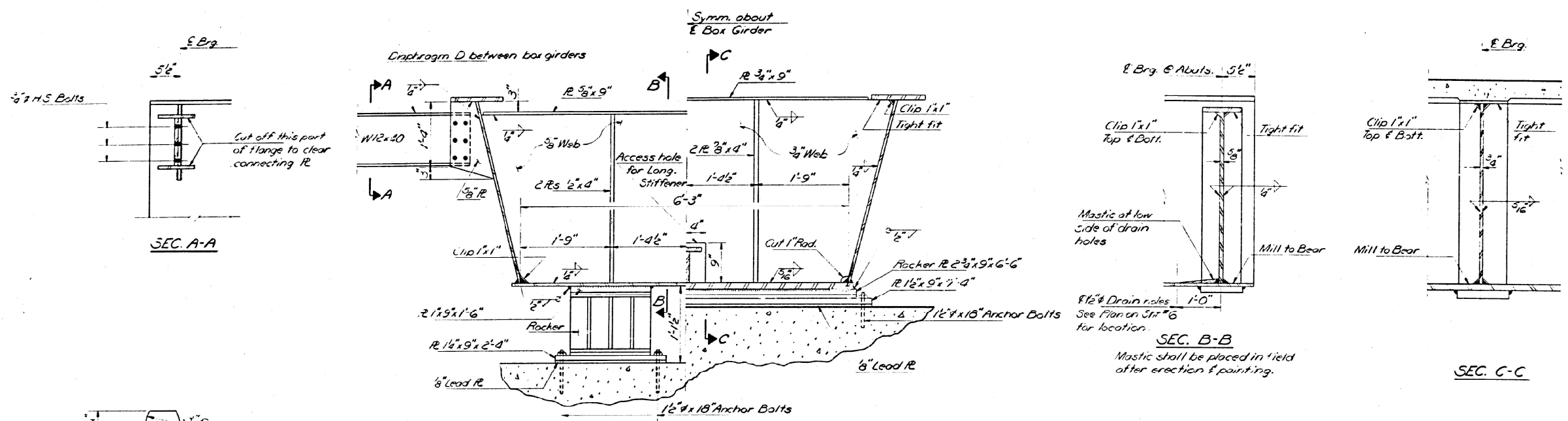
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	11
CONTRACT NO. 70J03				

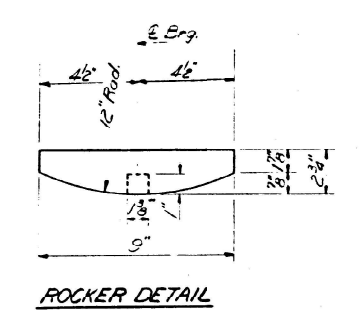
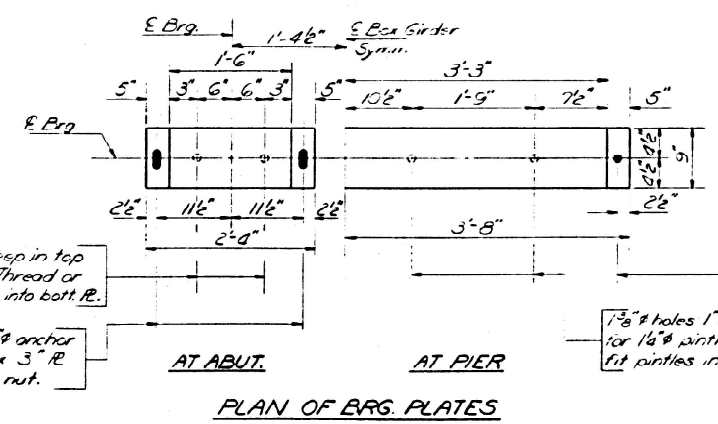
AS-BUILT PLANS FOR S.N. 057-0177  
FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	RT. 55	McLean	25	12

12 SHEETS



AT ABUT. Est. Req'd. = 4  
AT PIER Total Req'd. = 2



DESIGNED	Steven Wood	EXAMINED	Dec 22 1971
CHECKED	J. Sutherland	PASSED	
DRAWN	J. Sutherland	APPROVED	
CHECKED	S. J.		

BEARING DETAILS  
FAI RT. 55 SEC. 57-1HB-1  
MCLEAN COUNTY  
STATION 345+71.49

MODEL: As-Built, Loc1-5 (Sheet)  
FILE NAME: c:\p\work\p\stevens.wood@illinois.gov\1200888\0570103-shr-As-Built-Loct1.dgn



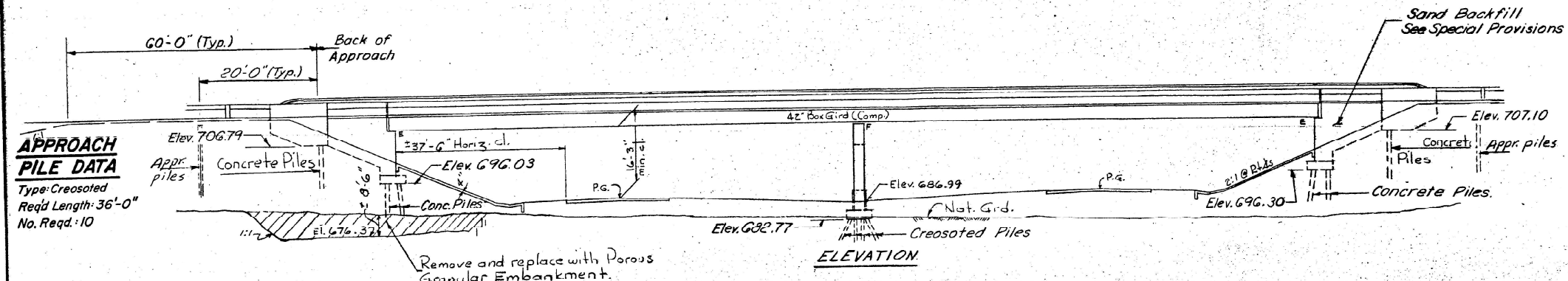
USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			AS-BUILT PLANS LOCATION #1, S.N. 057-0177			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
Steven Wood	Steven Wood								D5	BRIDGE PAINTING 2026-2	McLean	18	12				
	J. Sutherland								SCALE:			SHEET 5 OF 5 SHEETS			CONTRACT NO. 70J03		
3/2/2026									ILLINOIS			FED. AID PROJECT			McLEAN & PIATT		

B.M. Chiseled N. End of W. Headwall of Box Culvert 385 N. of Sta. 987+16 Elev. 686.00

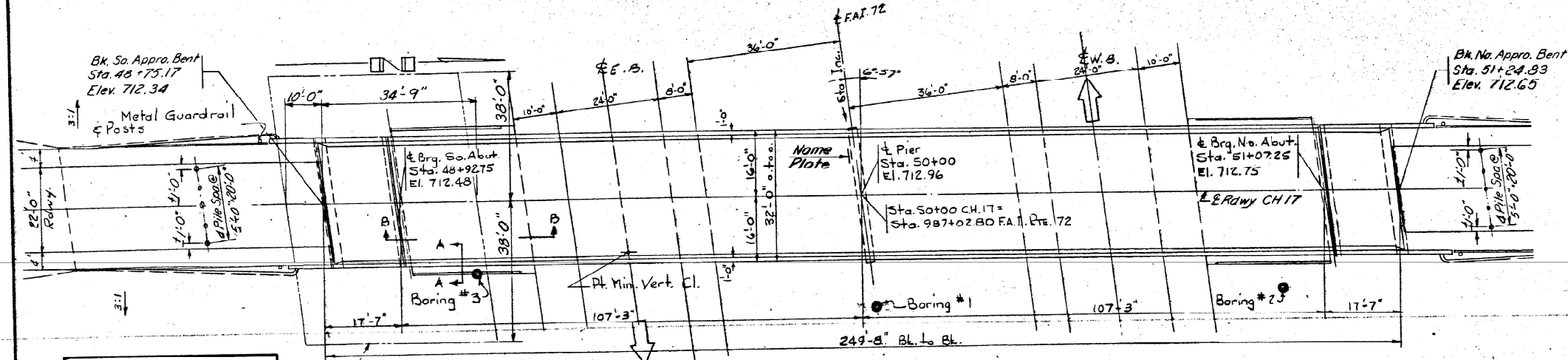
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72-67	4B	PIATT	38	10
SHEET NO. 13 SHEETS				

AS-BUILT PLANS FOR S.N. 074-0058  
FOR INFORMATION ONLY

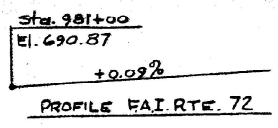
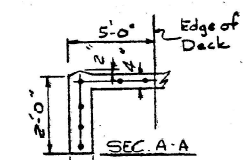
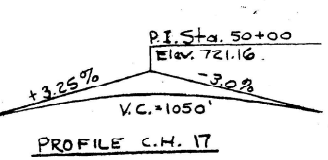


**APPROACH PILE DATA**  
Type: Creosoted  
Reqd Length: 36'-0"  
No. Reqd.: 10

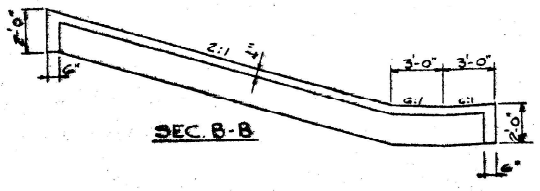
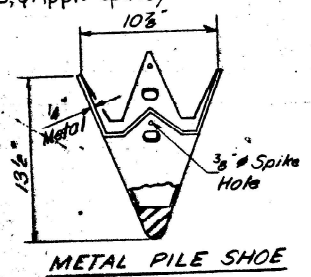


STATION 987+02.80  
BUILT 197 BY  
STATE OF ILLINOIS  
F.A.I.R.T. 72 SEC. 74-67HB  
PROJ. I-72-2440  
LOADING HS 15

See Standard 2113-1  
**NAME PLATE**



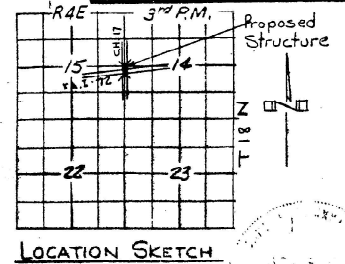
**DESIGN STRESSES**  
 $f_c = 1200$  psi. (Deck Slab - Main Spans)  
 $f_c = 1400$  psi. (Curb, parapet, sub, & Appr. Spans)  
 $f_s = 20,000$  psi. (Reinf.)  
 $f_s = 20,000$  psi. (Struct.)  
 $vc = 75$  psi. (Ftgs.)  
 $n = 10$



**GENERAL NOTES**  
 All reinforcement bars shall be lapped 24 diameters unless otherwise shown.  
 Fasteners shall be high strength bolts. Bolts 7/8"; open holes 1 1/8", unless otherwise noted.  
 The Basic Lead Silica Chromate paint system shall be used for shop and field painting of structural steel.  
 Field welding of construction accessories will not be permitted to the bottom flange of beams or girders 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 areas will be permitted only when approved by the Engineer.  
 Anchor bolts shall be set before erection of box girder.  
 Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft.  
 The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.  
 The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Handrail Concrete.  
 Protective Coat shall not be applied to surfaces to which Cool Tar Interlayer Protective Coat is applied.  
 Calculated weight of Structural Steel = 222,450 lbs.  
 All interior surfaces of box girders shall be given two shop coats of paint and spot painted in the field after cross frames and forms have been removed.  
 Concrete piles at abutments and approach bents shall be driven in holes prepared through the embankment in accordance with Article 513.09 (c) of the Standard Specifications.  
 The contractor shall drive one timber test pile at the pier, one concrete test pile at South Abutment, and one concrete test pile at North Approach Bent, in permanent locations, as directed by the Engineer before ordering the remainder of piles.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Bituminous Concrete Surface Course, Class I	Tons	63		63
Structure Excavation	Cu. Yds.		32	32
Cool Tar Interlayer Protective Coat	Sq. Yds.	792		792
Protective Coat	Sq. Yds.	191		191
Class X Concrete	Cu. Yds.	261.1	183.4	444.5
Structural Steel	L.S.			LS
Stud Shear Connector	Each	1520		1520
Aluminum Railing	Lin. Ft.	515		515
Reinforcement Bars	Lbs.	61,020	18,210	79,230
Creosoted Piles (Up to 20')	Lin. Ft.		620	620
Concrete Piles	Lin. Ft.		1763	1763
Test Piles (Timber)	Each		1	1
Test Piles (Concrete)	Each		2	2
Name Plates	Each		1	1
Slope Wall (4")	Sq. Yds.		350	350
Sand Backfill	Cu. Yds.		134	134
Porous Granular Embankment	Cu. Yds.		1415	1415
Preformed Joint Sealer 4"	Lin. Ft.	65		65
Metal Shoes	Each		41	41
Earth Excavation	Cu. Yds.		1415	1415
Creosoted Piles (20.1' to 38')	Lin. Ft.		360	360



#133 416  
7-31-73 5-86  
GENERAL PLAN & ELEVATION  
PROJ. I-72-2440  
CH. 17 OVER F.A.I.R.T. 72  
F.A.I.R.T. 72 SECTION 74-67HB  
PIATT COUNTY  
STA. 50+00 (CH. 17)  
STA. 987+02.80 (FAI. 72)

Allow 25% for future wearing surface.

LOADING HS 15-44

DESIGNED: Sel Fatam  
CHECKED: Mei Healy  
DRAWN: P. Barnett  
CHECKED: WH  
EXAMINED: [Signature]  
PASSED: [Signature]  
APPROVED: [Signature]  
074-0058

USER NAME: Steven.Wood	DESIGNED: -	REVISED: -
	DRAWN: -	REVISED: -
	CHECKED: -	REVISED: -
PLOT DATE: 2/5/2026	DATE: -	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT PLANS  
LOCATION #2, S.N. 074-0058

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D5 BRIDGE PAINTING 2026-2			18	13
CONTRACT NO. 70J03				

FAI-55 & FAI-72

McLEAN & PIATT

MODEL: Location 2-1 (Sheet) FILE NAME: c:\pwworking\stevewood\illinois\pvt\12008688\0570103-sh-h-Asbuilt\_1\_cad2.dgn

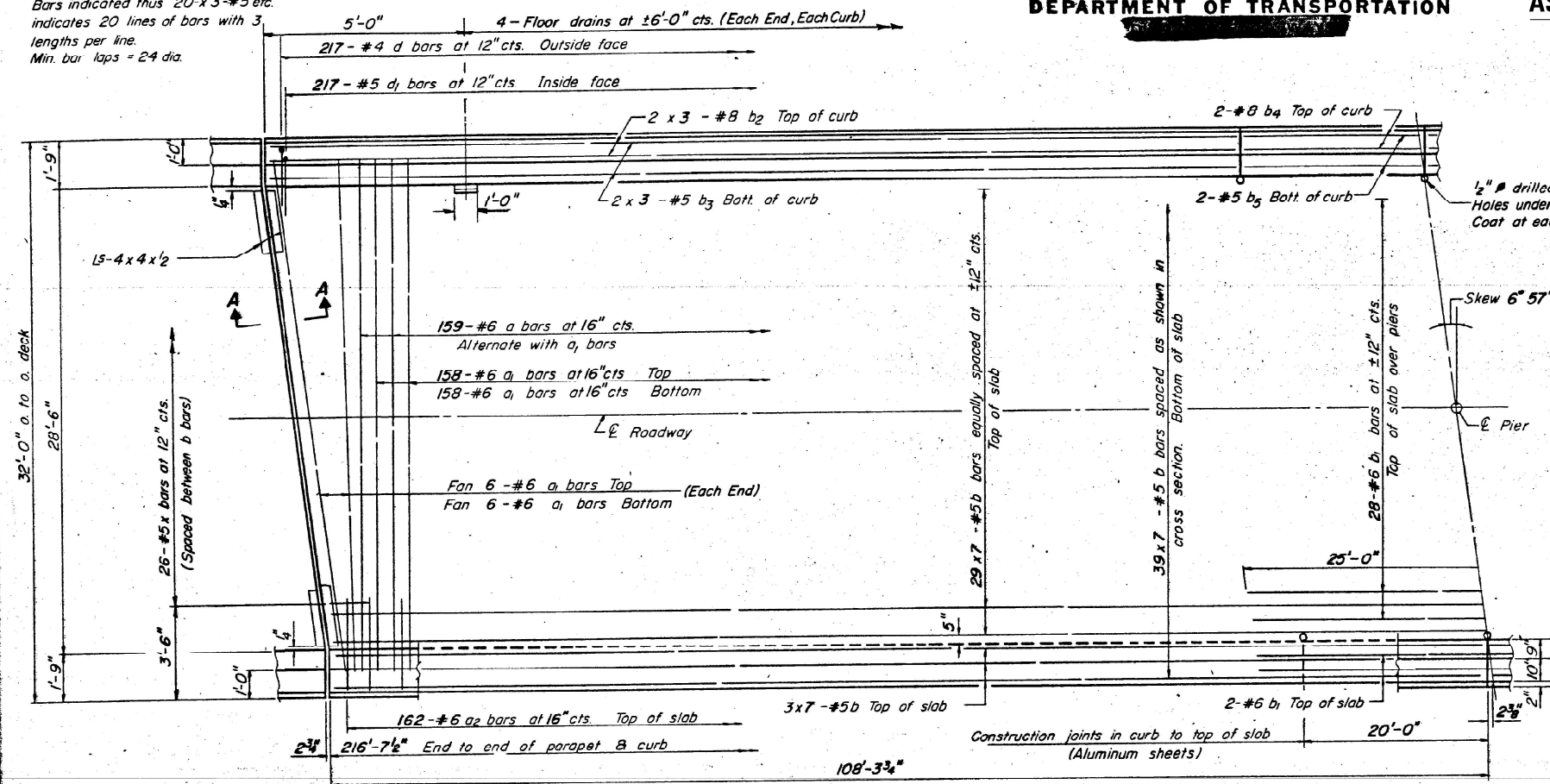
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT PLANS FOR S.N. 074-0058  
FOR INFORMATION ONLY

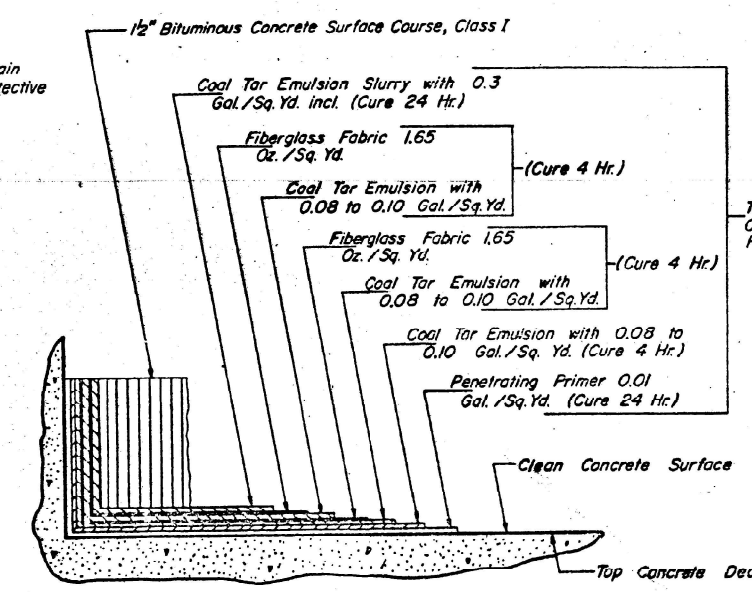
PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	PIATT	38	11	13 SHEETS

NOTE:

Bars indicated thus 20-x3-#5 etc. indicates 20 lines of bars with 3 lengths per line. Min. bar laps = 24 dia.



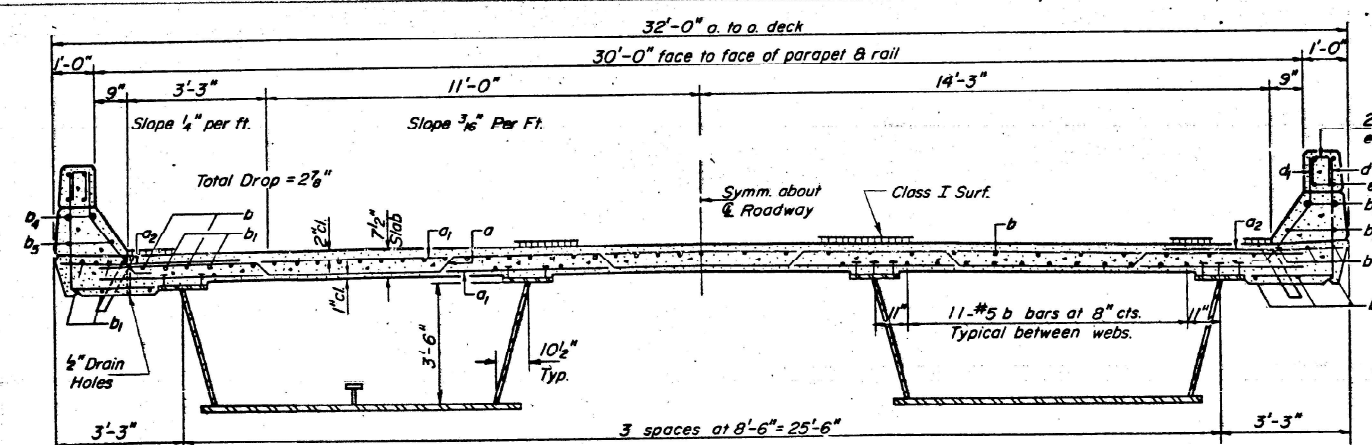
HALF PLAN



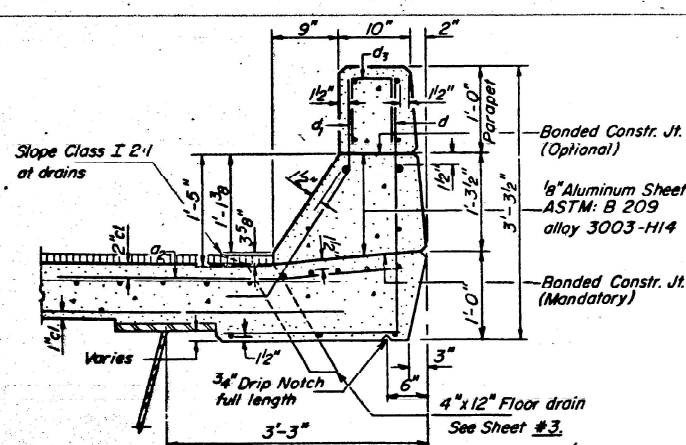
DETAIL OF DECK SURFACING

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	159	#6	31'-0"	~
a1	340	#6	30'-0"	~
a2	324	#6	4'-0"	~
b	518	#5	32'-3"	~
b1	32	#6	50'-0"	~
b2	24	#6	30'-9"	~
b3	24	#5	30'-3"	~
b4	8	#8	19'-9"	~
b5	8	#5	19'-9"	~
d	434	#4	5'-0"	~
d1	434	#5	3'-6"	~
x	52	#5	5'-3"	~
Reinforcement Bars		Lbs.	51,160	
Class X Concrete		Cu.Yds.	205.3	

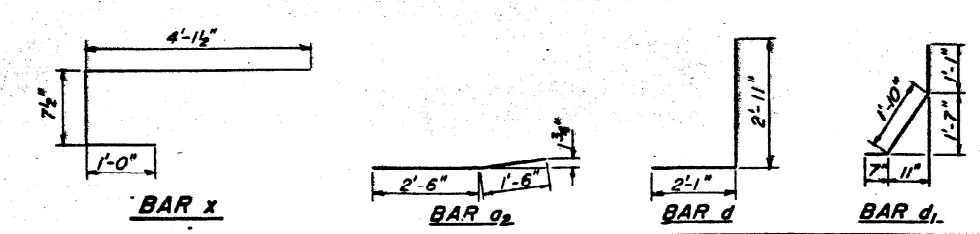
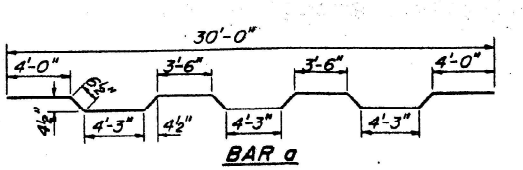


CROSS SECTION



CURB SECTION

DESIGNED	Sad Zaman	EXAMINED	SEPT 30 1972
CHECKED	Wes Hering	PASSED	W. B. Burmann
DRAWN	P. Barnett S.F.	DESIGNED	Richard J. Hottelmann
CHECKED	WH		



**SUPERSTRUCTURE**  
F.A.I. RT 72 SEC. 74-67HB  
PIATT COUNTY  
STA. 987+02.80

S-4-R(515) 4-22-68, 12-3-69

USER NAME	DESIGNED	REVISED
Steven.Wood	-	-
	DRAWN	REVISED
	-	-
	CHECKED	REVISED
	-	-
PLOT DATE	DATE	REVISED
3/2/2026	-	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT PLANS  
LOCATION #2, S.N. 074-0058

SCALE:	SHEET 2	OF 5 SHEETS	STA.	TO STA.
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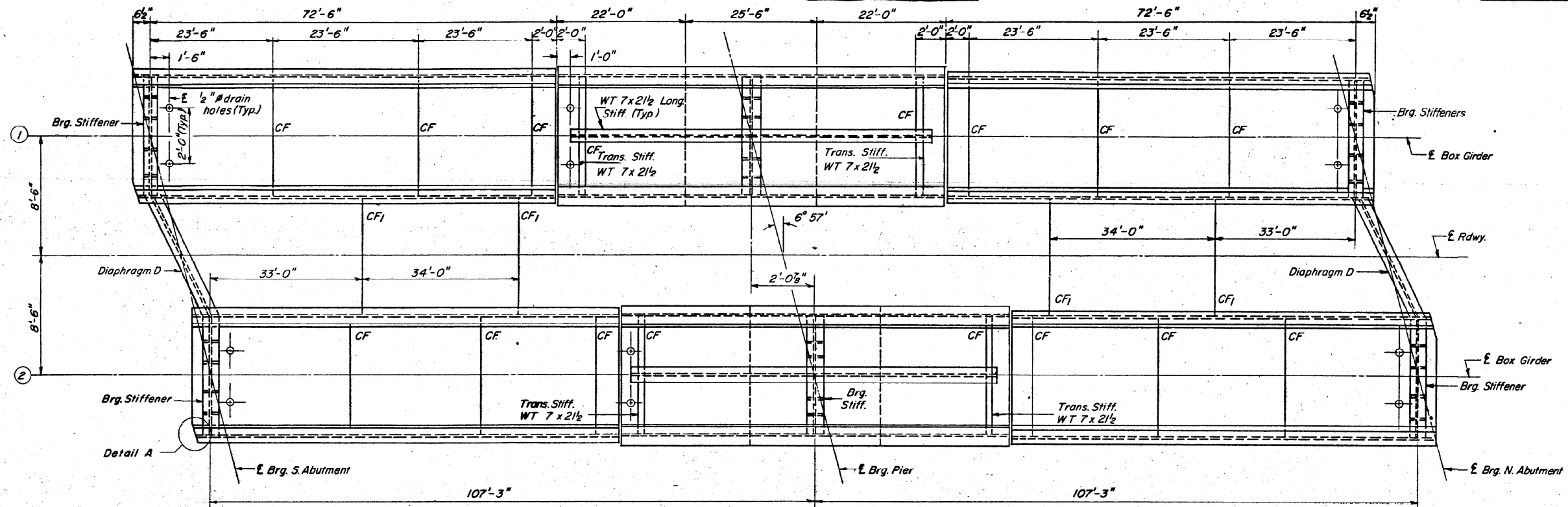
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D5	BRIDGE PAINTING 2026-2	PIATT	18	14
CONTRACT NO.			70J03	
ILLINOIS		FED. AID PROJECT		

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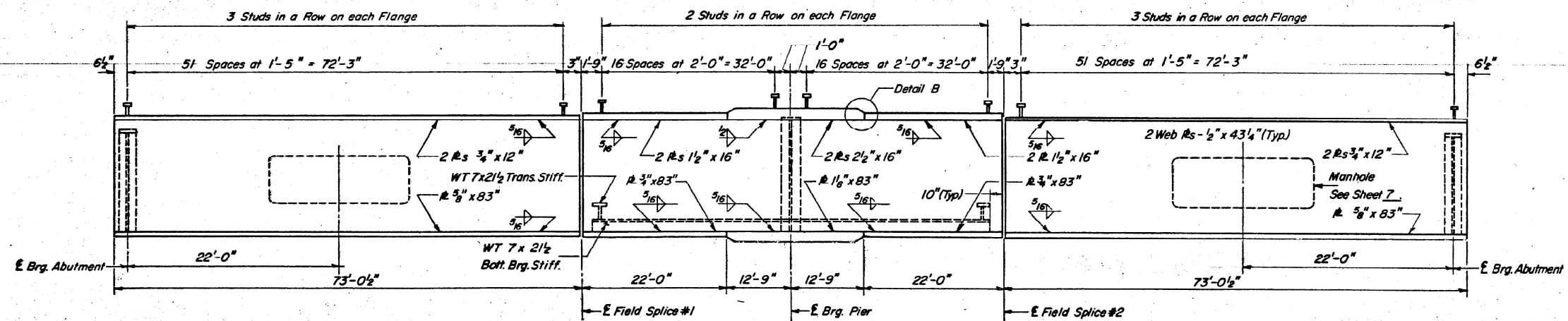
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT PLANS FOR S.N. 074-0058  
FOR INFORMATION ONLY

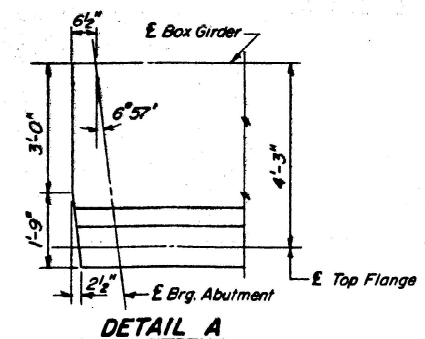
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 5 13 SHEETS
72	74-67 HB	PIATT	38	14	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



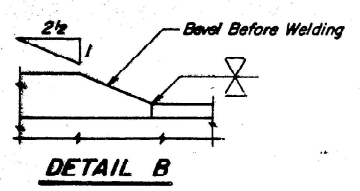
PLAN



ELEVATION



DETAIL A



DETAIL B

DESIGNED	Sol. Zetani	EXAMINER	SEPT. 29 1972
CHECKED	Wei Heix	PASSED	W. A. Baumann
DRAWN	P. Barnett S.7	DESIGNED	Richard H. Holzman
CHECKED	WAT		

**BOX GIRDER**  
F.A.I. RT. 72 SEC. 74-67HB  
PIATT COUNTY  
STA. 987+02.80

MODEL: Location 2-3 (Sheet)  
FILE NAME: c:\pwworking\dstevensen\wood\illinois\pcv\12008688\0570\03-st-h-Asbuilts\_Loc2.dgn

USER NAME	Steven.Wood	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	3/2/2026	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT PLANS  
LOCATION #2, S.N. 074-0058

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	15
CONTRACT NO. 70J03				
ILLINOIS FED. AID PROJECT				

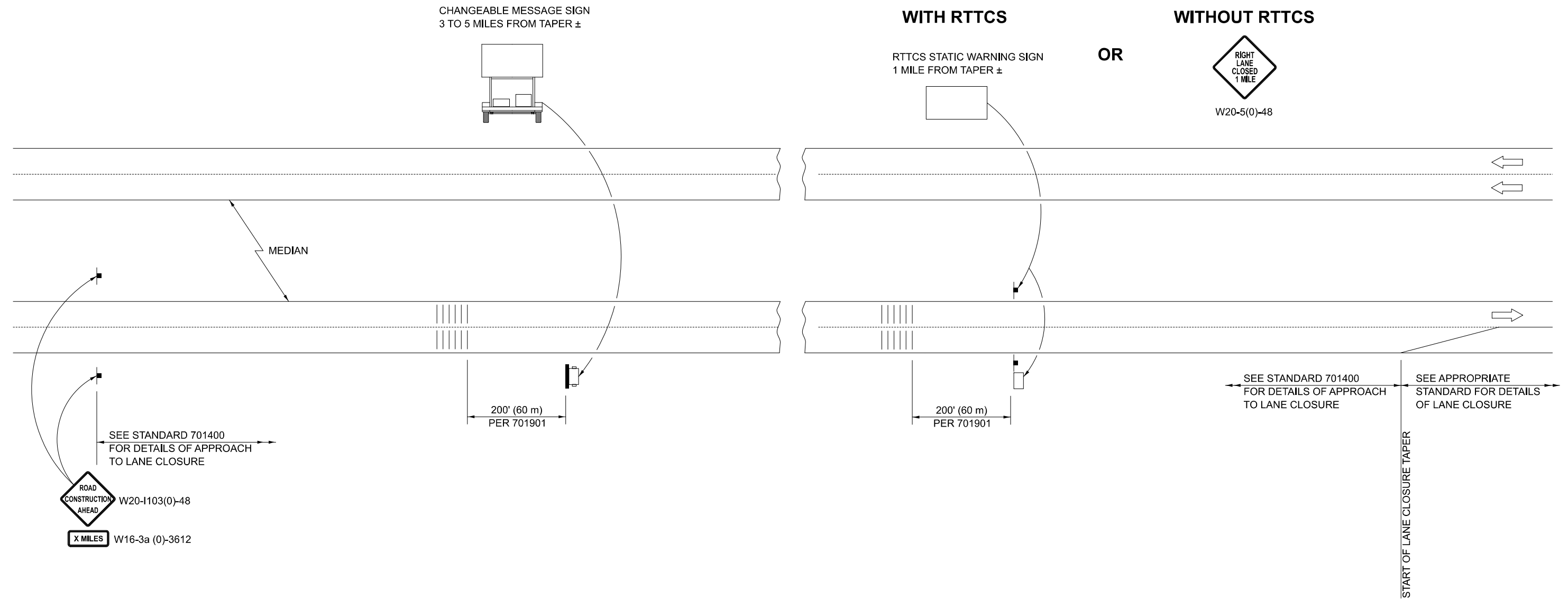
FAI-55 & FAI-72

McLEAN & PIATT





# DETAIL FOR TEMPORARY RUMBLE STRIPS



## SYMBOLS

- SIGN
- TEMPORARY RUMBLE STRIPS
- CHANGEABLE MESSAGE SIGN
- RTTCS STATIC WARNING SIGN

## GENERAL NOTES

REMOVE THE TEMPORARY RUMBLE STRIPS  
PRIOR TO THE REMOVAL OF THE ADVANCED  
WARNING SIGNS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

SEE HIGHWAY STANDARD 701901 FOR TEMPORARY  
RUMBLE STRIP INSTALLATION.

MODEL: 70106700 [Sheet]  
FILE NAME: c:\pwwork\pwwork\stevenson.wood@illinois.gov\d1200868\ID57003-Sht-Detail\_70106700.dgn

USER NAME	= Bridgette.Pierson	DESIGNED -	REVISED - 03/25
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE	= 2/4/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAIL FOR TEMPORARY  
RUMBLE STRIPS

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

### DISTRICT 5 DETAIL NO. 70106700

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 BRIDGE PAINTING 2026-2		18	18
			CONTRACT NO. 70J03	

ILLINOIS FED. AID PROJECT

FAI-55 & FAI-72  
McLEAN & PIATT