

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	1
		ILLINOIS	CONTRACT NO. 68J35	

INDEX OF SHEETS

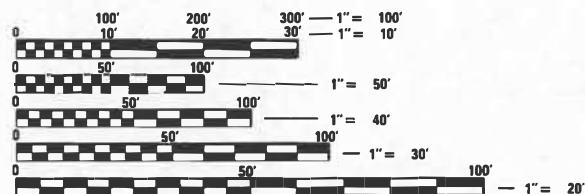
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HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 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
- 701011-04 OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-10 TRAFFIC CONTROL DEVICES

TRAFFIC DATA - ADT

- LOCATION 1 - 2200 (2021)
- LOCATION 2 - 7000 (2021)
- LOCATION 3 - 15000 (2021)
- LOCATION 4 - 64700 (2023)
- LOCATION 5 - 15300 (2021)
- LOCATION 6 - 12800 (2023)
- LOCATION 7 - 12800 (2023)
- LOCATION 8 - 12100 (2023)
- LOCATION 9 - 5250 (2023)



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.

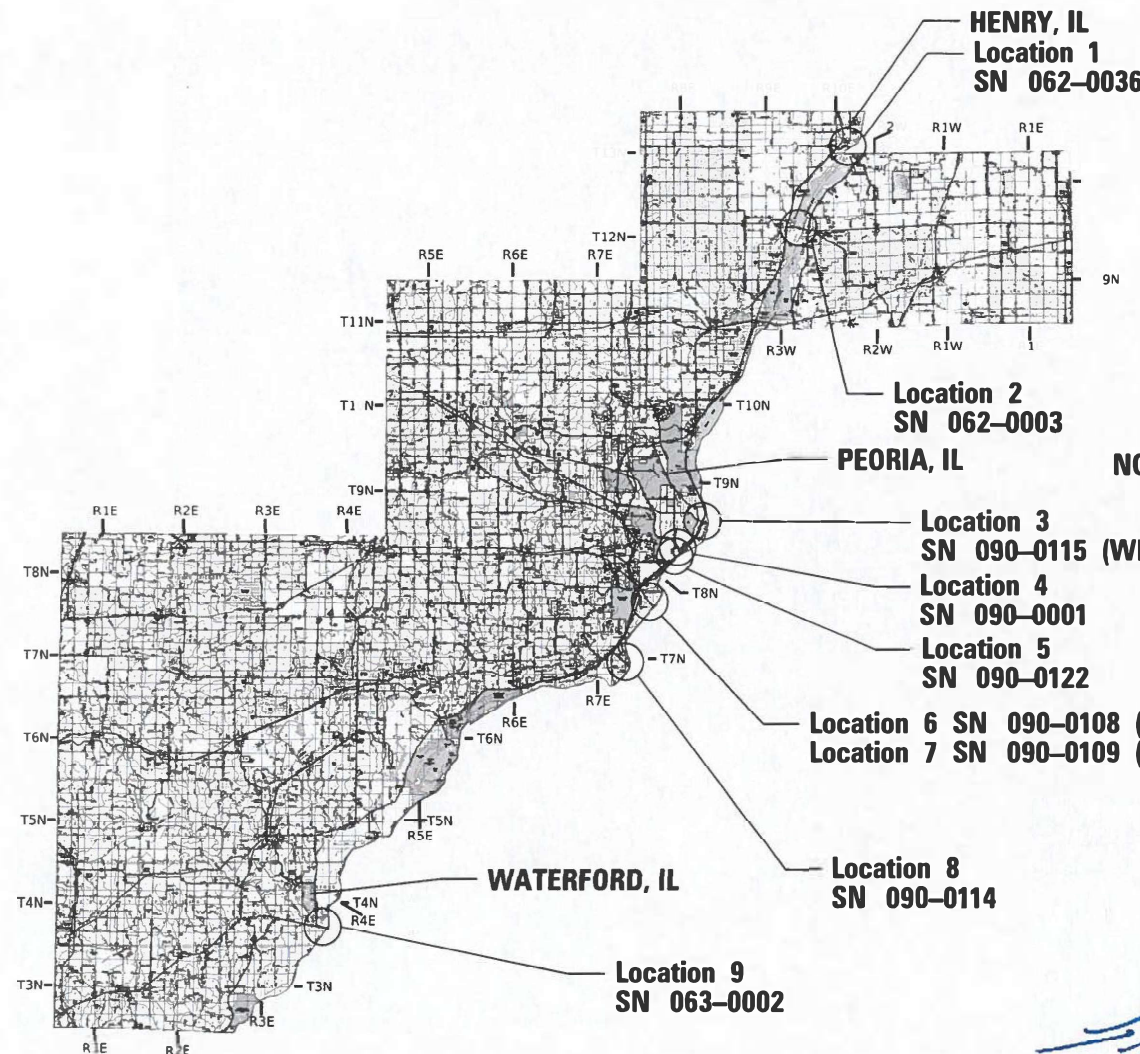
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER: BEN TELLEFSON  
PROJECT MANAGER: MARK ECKHOFF  
CONTRACT NO. 68J35  
CATALOG NO. 036539-00D

PROPOSED  
HIGHWAY PLANS

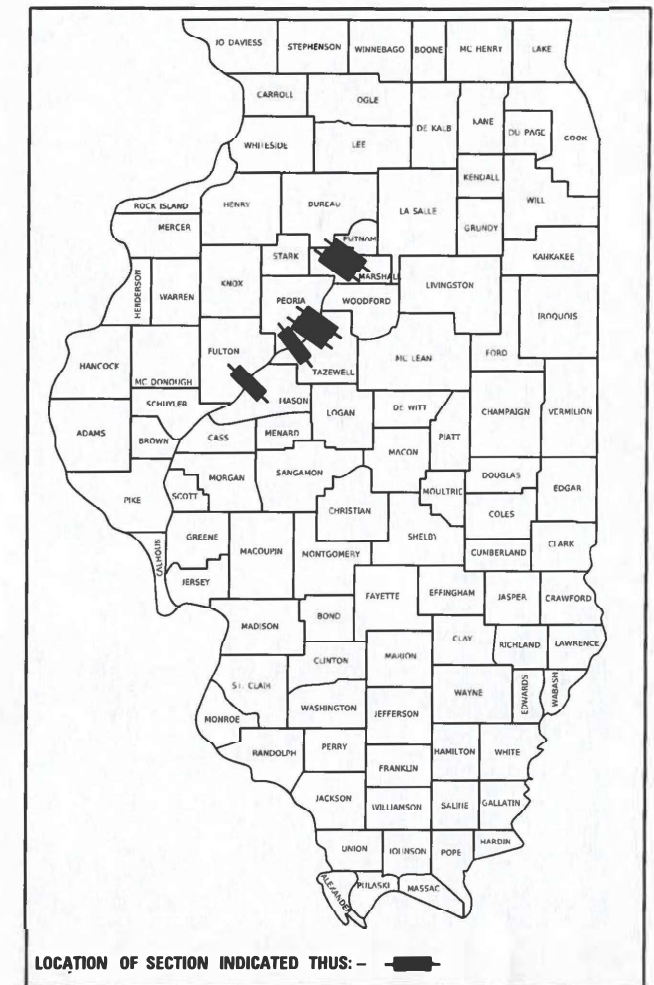
(VAR) ROUTE VARIOUS  
SECTION D4 BRIDGE WASHING 2025  
BRIDGE WASHING OVER  
ILLINOIS RIVER AND RAILROAD  
VARIOUS COUNTIES

C-94-087-24



NOT TO SCALE

TIMOTHY B. PADGETT, P.E. EXPIRATION DATE  
LICENSE NO. 062-049162 11-30-2025



PLANS PREPARED BY:  
**TWM** ENGINEERING GEOSPATIAL SERVICES  
4940 Old Collinsville Road  
Swansea, Illinois 62226  
Tel: 618.624.4488  
www.twm-inc.com  
Illinois Professional Design Firm  
No. 184-001220  
License Expires: 4/30/2025  
ILLINOIS - MISSOURI - TENNESSEE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED Oct 17 2024  
Kensel A. Garnett, P.E.  
REGIONAL ENGINEER  
December 6, 2024  
Scott A. Eckhoff  
ENGINEER OF DESIGN AND ENVIRONMENT  
December 6, 2024  
James J. ...  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**COMMITMENTS**

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

**GENERAL NOTES**

ALL LOCATIONS: WASH THE ENTIRE BRIDGE ACCORDING TO SECTION 592 IN THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

**PROJECT SPECIFIC NOTES**

FOR BRIDGES [LOCATION 3, 4, 5, 6, 7, & 8] 090-0115, 090-0001, 090-0122, 090-0108, 090-0109, AND 090-0114:  
 RR PROTECTIVE LIABILITY INSURANCE IS REQUIRED. ALSO REQUIRED MAY BE RIGHT OF ENTRY PERMITS, RAILROAD SAFETY TRAINING, AND RR FLAGMEN DURING WORK OVER THE RR. THE RR FLAGMEN COSTS WILL BE PAID FOR ACCORDING TO ARTICLE 109.05 OF THE STANDARD SPEC. ALL OTHER REQUIREMENTS BY THE RR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED INCLUDED IN THE COST OF RRPLI. THE RAILROAD UNDER THESE BRIDGES IS THE TAZEWELL & PEORIA RAILROAD, A SUBSIDIARY OF THE GENESEE AND WYOMING RAILROAD. THE CONTACT PERSON IS CRYSTAL GALBREATH gwappswest@gwrr.com

LOCATION 1, 2, & 9:  
 "THE CONTRACTOR SHALL NOTIFY THE LOCAL POLICE DEPARTMENTS AT LEAST 72 HOURS PRIOR TO WORK ON THESE BRIDGES. THIS IS TO ALLOW FOREWARNING BECAUSE AREA FARMERS MAKE APPOINTMENTS WITH THE LOCAL POLICE WHEN THEY NEED THE POLICE TO BRIEFLY CLOSE BOTH ENDS OF THE BRIDGE WHEN THEY WANT TO CROSS WITH WIDE IMPLEMENTS.

LOCATION 4 (MURRAY BAKER BRIDGE-I-74 PEORIA):  
 SEE SPECIAL PROVISIONS CONCERNING WASHING THE DECORATIVE LIGHTING SYSTEM AND INSPECTIONS.

**TRAFFIC CONTROL**

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL  
 THE DEPARTMENT RESERVES THE RIGHT AT ANY TIME TO ADD ADDITIONAL TRAFFIC CONTROL SYSTEMS OR DEVICES WITHIN THE ACTIVE CONTRACT LIMITS, BY MEANS OF AN ADDITIONAL CONTRACT. ALL TERMS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS SHALL BE FOLLOWED BY EACH CONTRACTOR.

	ROADWAY	HIGHWAY STANDARDS																
		701001	701006	701011	701101	701106	701201 (L SUM)	701206 (L SUM)	701400	701401 (L SUM)	701406 (L SUM)	701411 (EACH)	701421 (L SUM)	701422 (L SUM)	701428	701501 (L SUM)	701502 (L SUM)	701601 (L SUM)
LOCATION #1	IL 18	X	X	X			X								X			
	CROMWELL DR	X	X	X											X			
LOCATION #2	IL 17	X	X	X			X								X			
LOCATION #3	WB US 150				X	X					2	X	X	X				
	FAI 74				X	X		X	X	X	3		X	X				
LOCATION #4	NE WASHINGTON ST				X	X											X	
	NE WATER STREET	X	X	X											X			X
	SHARED USE PATHS																	X
	BASS PRO DR	X	X	X											X			
LOCATION #5	IL 40				X	X					1						X	FLAGGERS
	SW WASHINGTON ST	X	X	X												X		X
	SW WATER ST	X	X	X											X			X
	SHARED USE PATH																	X
	CONFERENCE CENTER DR	X	X	X												X		X
LOCATION #6 & #7	EB FAI A74							X	X	X				X				
	WB FAI 474							X	X	X	1			X				
	WESLEY RD	X	X	X											X			
	SHARED USE PATH																	X
LOCATION #8	IL 9				X	X							X					
	CARGILL RD	X	X	X											X			
	N FRONT ST	X	X	X											X			
	SHARED USE PATH																	X
LOCATION #9	US 136	X	X	X			X								X			

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PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	2
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	



CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				VARIOUS COUNTIES 100% STATE 047	SN 090-0001 TAZEWELL URBAN 100% CITY 047															
59200101	BRIDGE WASHING NO. 1	EACH	1	1																
59200102	BRIDGE WASHING NO. 2	EACH	1	1																
59200103	BRIDGE WASHING NO. 3	EACH	1	1																
59200104	BRIDGE WASHING NO. 4	EACH	1	1																
59200105	BRIDGE WASHING NO. 5	EACH	1	1																
59200106	BRIDGE WASHING NO. 6	EACH	1	1																
59200107	BRIDGE WASHING NO. 7	EACH	1	1																
59200108	BRIDGE WASHING NO. 8	EACH	1	1																
59200109	BRIDGE WASHING NO. 9	EACH	1	1																
67100100	MOBILIZATION	L SUM	1	1																
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1																
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1																
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	7	7																
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1																
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1																
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1																

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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	3
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				047	047															
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1																
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1																
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1																
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1																
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	45	45																
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1																
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1																
X0328036	WASH DECORATIVE LIGHTING SYSTEM	L SUM	1			1														

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 LICENSE NO: 184-001220

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

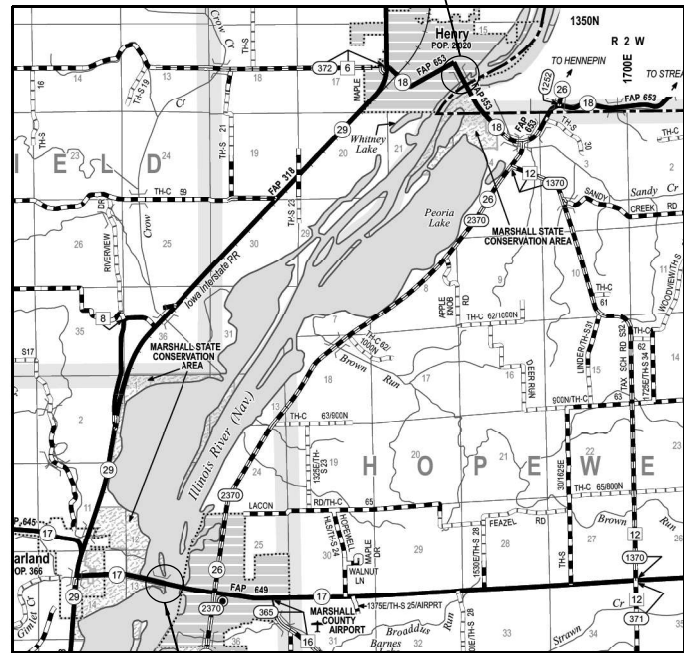
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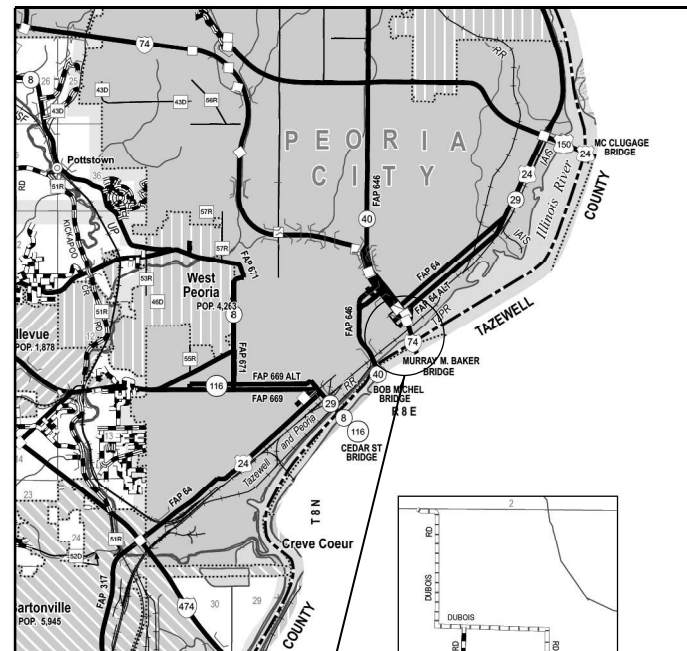
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VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	4
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				



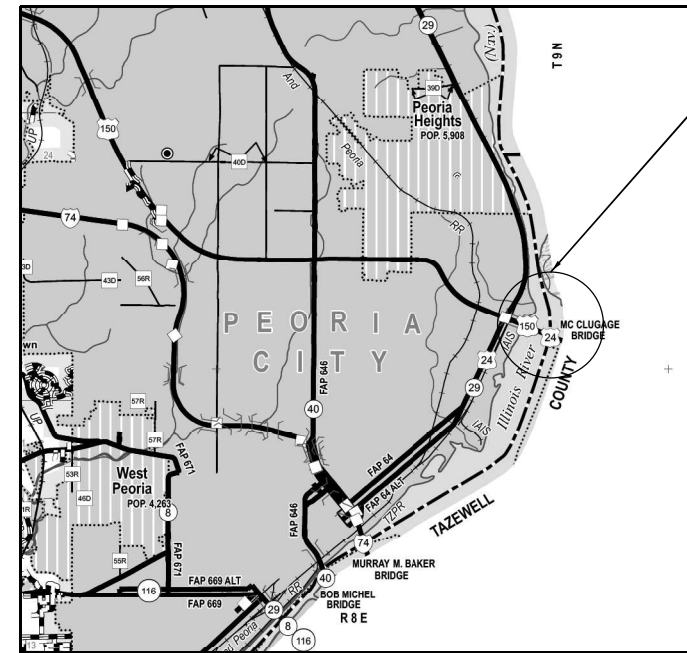
**LOCATION 1**  
**SN 062-0036 (HENRY BRIDGE)**  
**IL 18 OVER ILLINOIS RIVER & CROMWELL DR**  
**MARSHALL / PUTNAM COUNTIES**



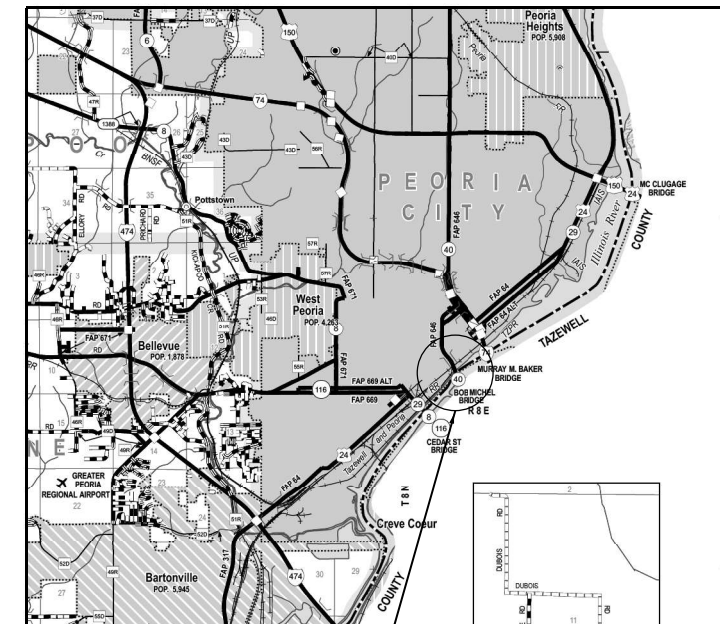
**LOCATION 2**  
**SN 062-0003 (LACON BRIDGE)**  
**IL 17 OVER ILLINOIS RIVER**  
**MARSHALL COUNTY**



**LOCATION 4**  
**SN 090-0001 (MURRAY BAKER BRIDGE)**  
**I-74 OVER ILLINOIS RIVER, WASHINGTON ST, NE WATER**  
**ST, BASS PRO DR, SIDEWALKS & SHARED-USE PATHS &**  
**TAZEWELL - PEORIA RAILROAD**  
**TAZEWELL / PEORIA COUNTIES**



**LOCATION 3**  
**SN 090-0115 (McCLUGAGE BRIDGE)**  
**WB US 150 OVER ILLINOIS RIVER &**  
**TAZEWELL - PEORIA RAILROAD**  
**TAZEWELL / PEORIA COUNTIES**



**LOCATION 5**  
**SN 090-0122 (BOB MICHEL BRIDGE)**  
**IL 40 OVER ILLINOIS RIVER, WASHINGTON ST, SE WATER**  
**ST, CONFERENCE CENTER DR, SIDEWALKS &**  
**SHARED-USE PATHS & TAZEWELL - PEORIA RAILROAD**  
**TAZEWELL / PEORIA COUNTIES**

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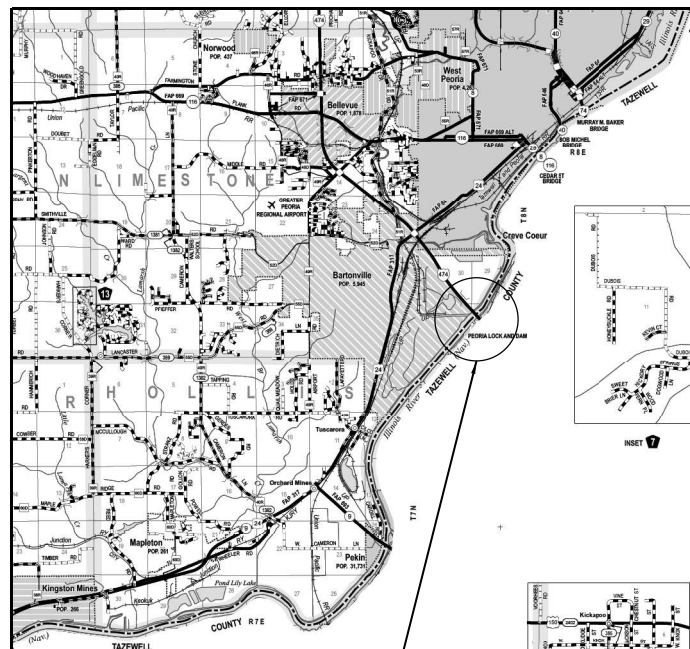


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PLOT DATE = 9/18/2024	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION MAP			
STRUCTURE LOCATIONS 1, 2, 3, 4 & 5			
SCALE: N/A	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	5
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				



Location 6

SN 090-0108

(SHADE-LOHMANN BRIDGE)

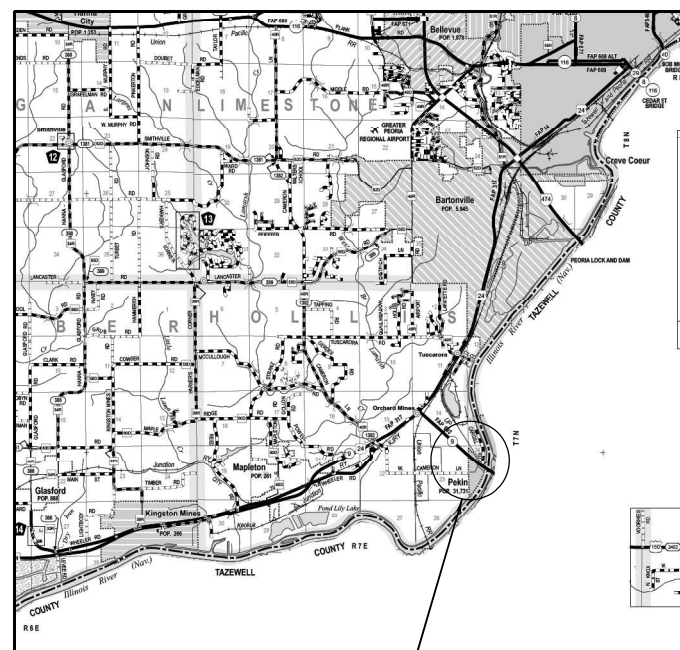
EB I-474 OVER ILLINOIS RIVER, WESLEY RD  
& TAZEWELL - PEORIA RAILROAD  
TAZEWELL / PEORIA COUNTIES

Location 7

SN 090-0109

(SHADE-LOHMANN BRIDGE)

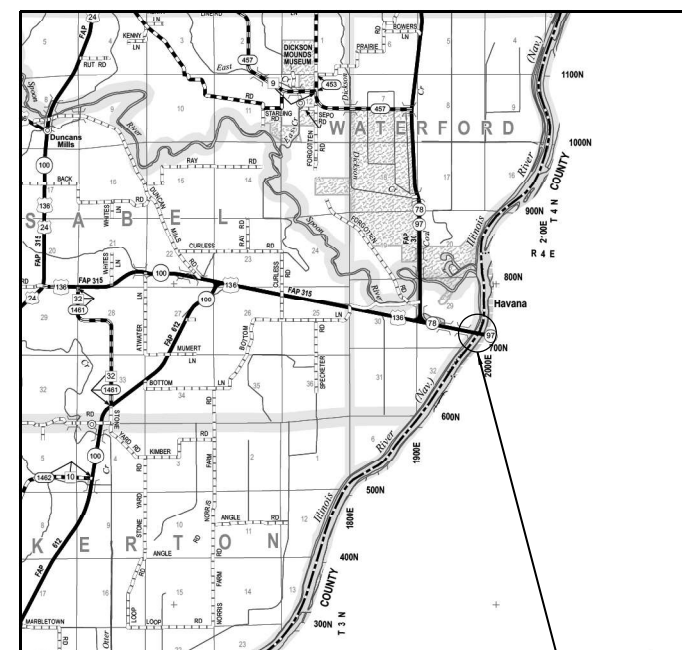
WB I-474 OVER ILLINOIS RIVER, WESLEY  
RD & TAZEWELL - PEORIA RAILROAD  
TAZEWELL / PEORIA COUNTIES



LOCATION 8

SN 090-0114 (JOHN T. MCNAUGHTON BRIDGE)

IL 9 OVER ILLINOIS RIVER, CARGILL RD, N FRONT ST, PARKING LOTS,  
SHARED-USE PATH & TAZEWELL - PEORIA RAILROAD  
TAZEWELL / PEORIA COUNTIES



LOCATION 9

SN 063-0002 (SCOTT LUCAS BRIDGE)

US 136 OVER ILLINOIS RIVER  
MASON / FULTON COUNTIES

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP  
STRUCTURE LOCATIONS 6, 7, 8 & 9

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	6
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	

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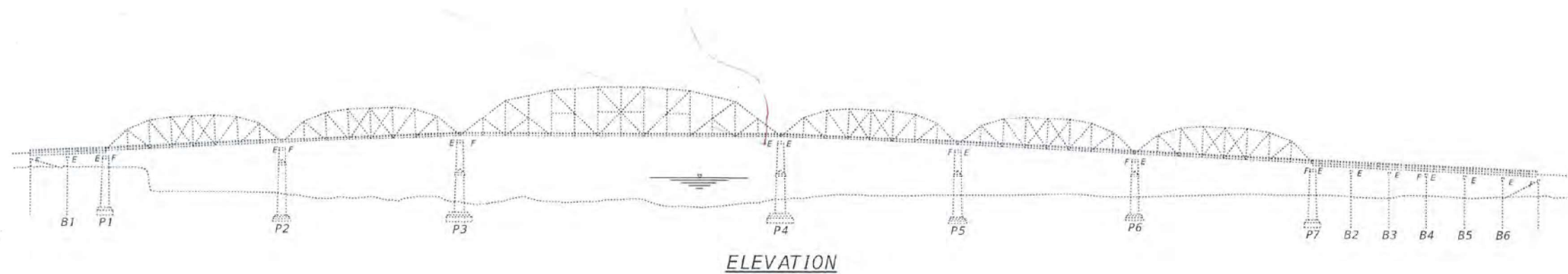
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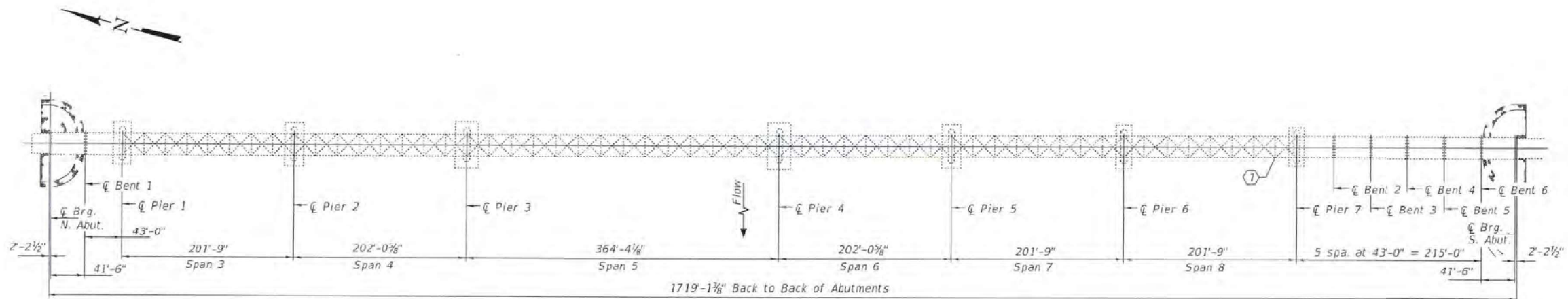


# FOR INFORMATION ONLY

## LOCATION 1 – IL 18 OVER ILLINOIS RIVER



ELEVATION



PLAN

① - Add cover plates.

### GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Fasteners shall be high strength bolts. Bolts  $\frac{7}{8}$ " , open holes  $\frac{1}{4}$ " , unless otherwise noted.

Plan dimensions and details relative to existing plans are subject to nominal construction 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.

Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Structural Steel Repair.

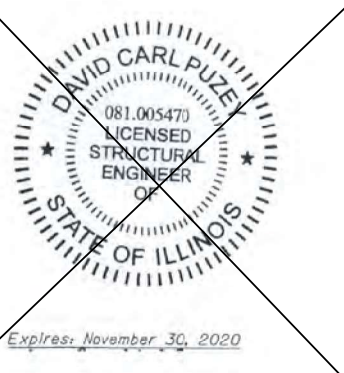
Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

New plates, bolts, nuts and washers shall be hot dip galvanized according to Special Provision "Hot Dip Galvanizing for Structural Steel".

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

### ~~TOTAL BILL OF MATERIAL~~

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	200



## SN 062-0036

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	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

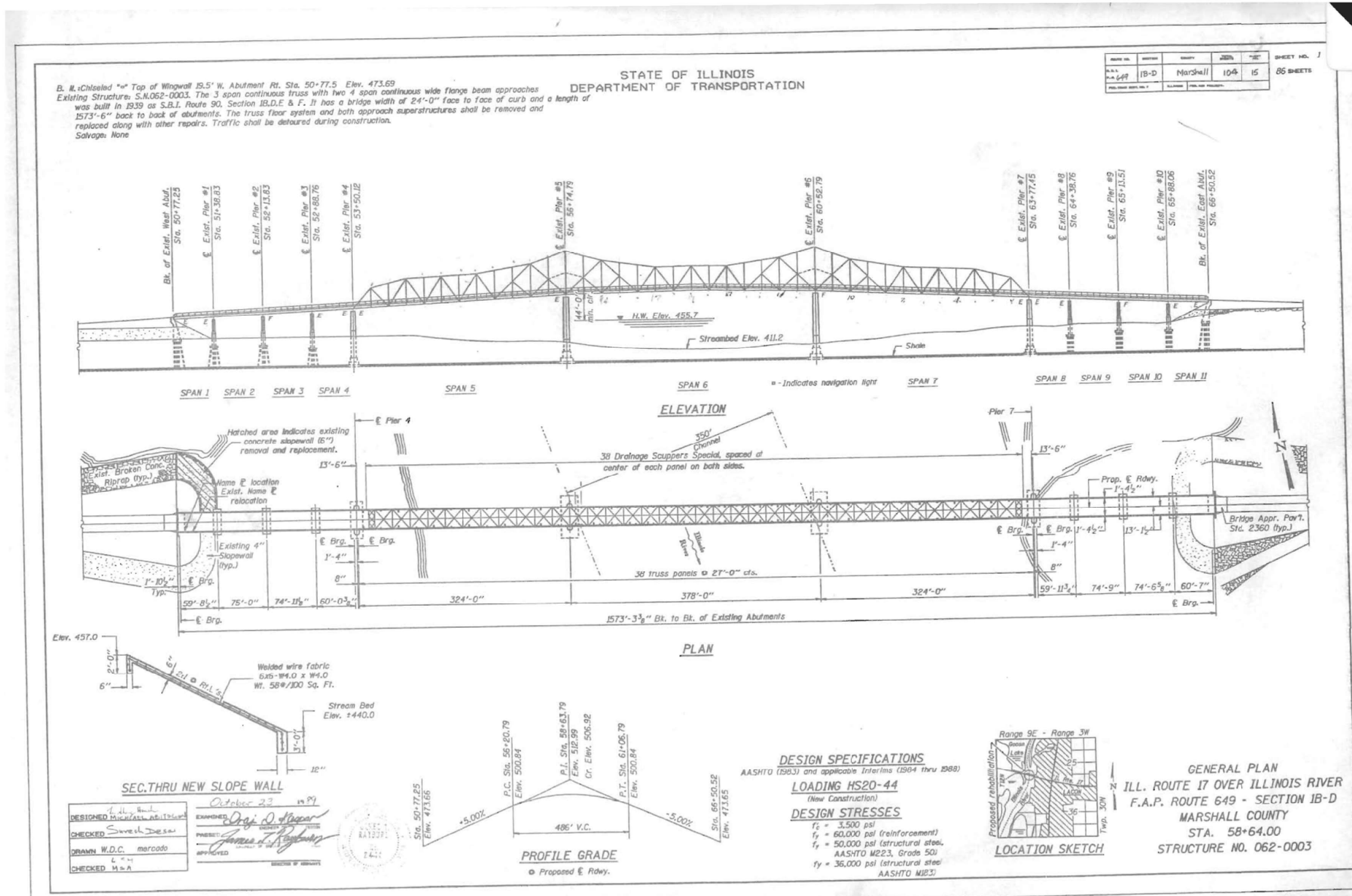
<b>LOCATION 1 – STRUCTURE INFORMATION</b>			
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	7
			CONTRACT NO. 68J35	
		ILLINOIS FED. AID PROJECT		



# FOR INFORMATION ONLY

## LOCATION 2 – IL 17 OVER ILLINOIS RIVER



### SN 062-0003

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 LICENSE NO:  
 184-001220

USER NAME = dlce	DESIGNED - JCL	REVISED -
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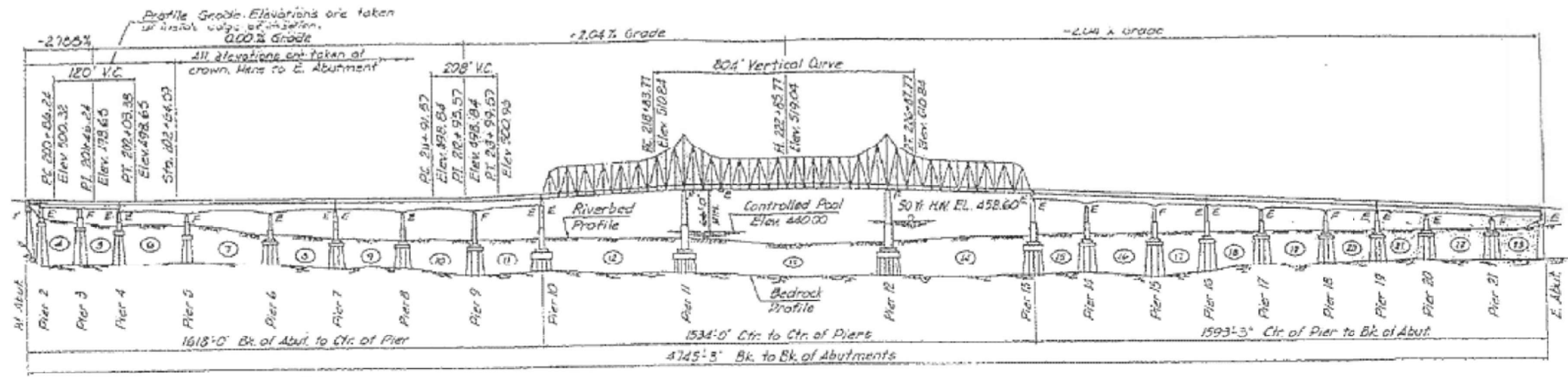
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 2 – STRUCTURE INFORMATION</b>			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	8
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	

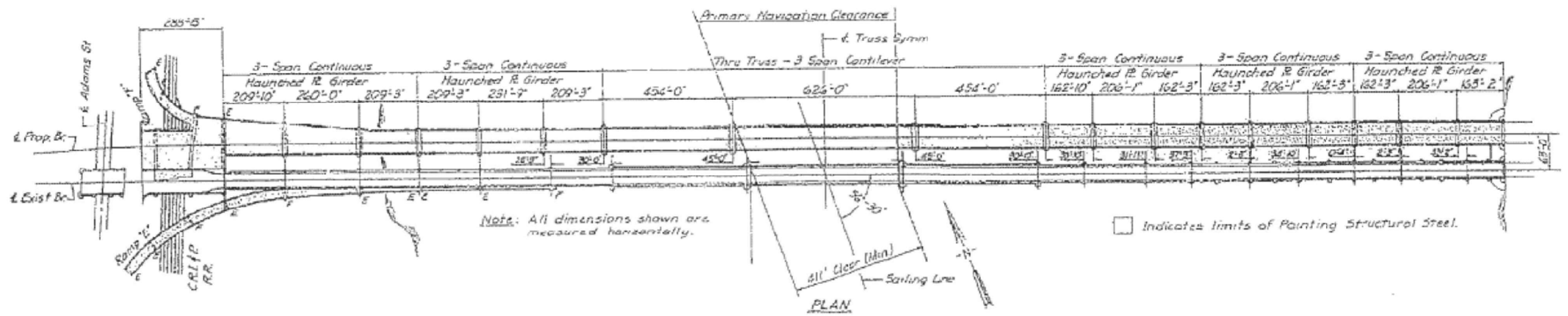
# FOR INFORMATION ONLY

## LOCATION 3 (WB US 150) McCLUGGAGE BRIDGE OVER ILLINOIS RIVER AND TAZEWELL - PEORIA RAILROAD



Note:  
 Station Equation  
 Sta. 201+67.45 Back +  
 Sta. 201+64.59 Forward

**ELEVATION**



**PLAN**

### SN 090-0115

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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

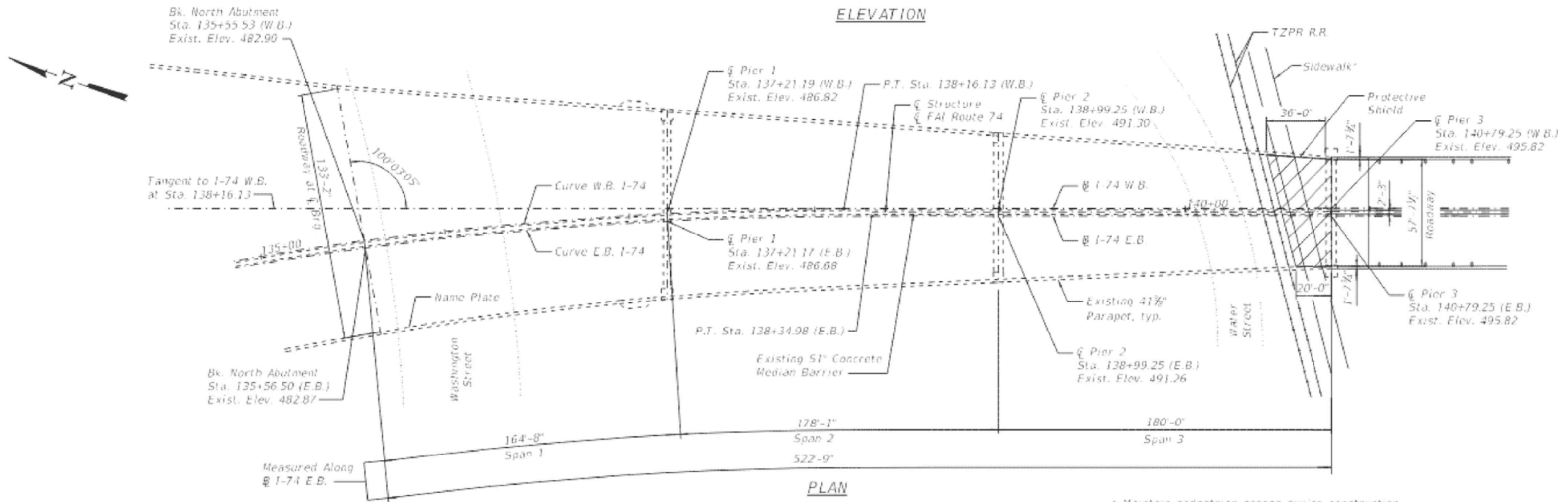
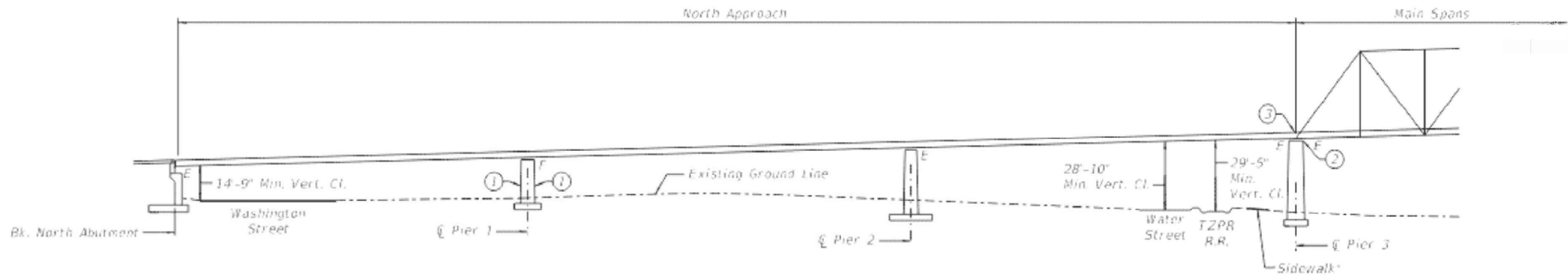
<b>LOCATION 3 - STRUCTURE INFORMATION</b>			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	9
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				



# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEVELL - PEORIA RAILROAD



\* Maintain pedestrian access during construction.

### SN 090-0001 (SPANS 1 THRU 3)

MODEL: D46411; FILE NAME: P:\2023\230984\F - Bridge, Washing (EY 2023)14 CAD - DWG\14.7 Top\CADD\_Sheet\0468035-struct\detail.dwg



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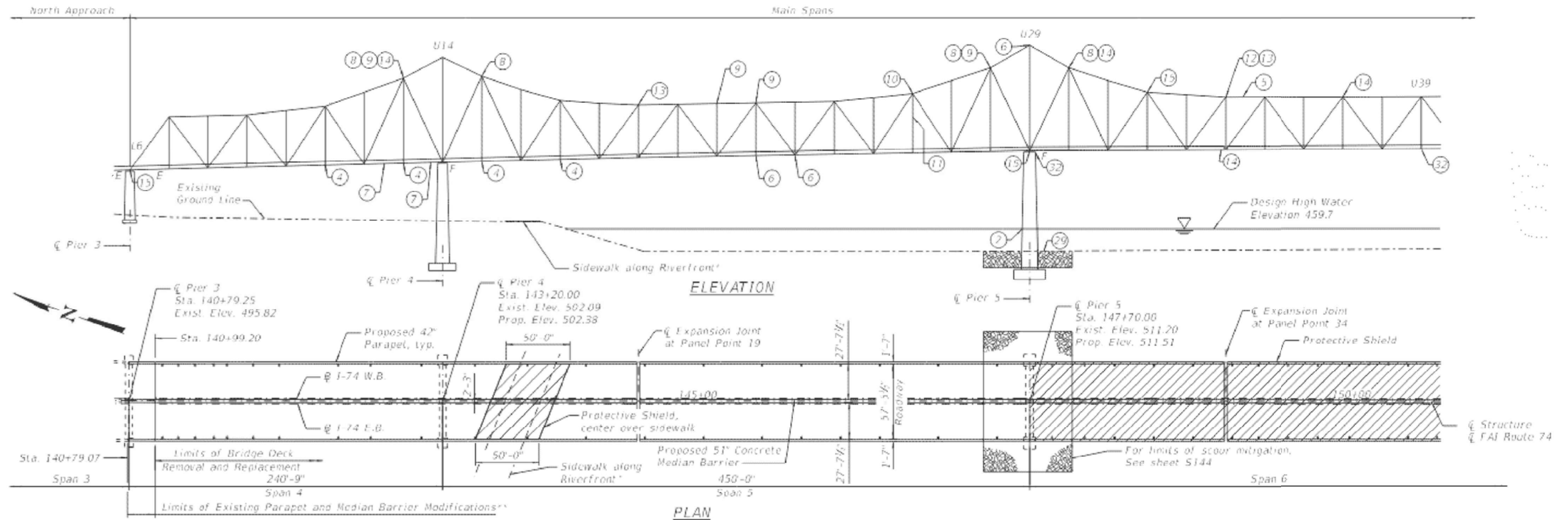
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 4 - STRUCTURE INFORMATION</b>			
SCALE: N/A	SHEET 1	OF 29 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	10
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				



**FOR INFORMATION ONLY**  
**LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER**  
**ILLINOIS RIVER AND TAZEWELL - PEORIA RAILROAD**



**SN 090-0001 (SPANS 4 THRU 6)**

MODEL: D:\p\11... FILE NAME: P:\2023\230984\F - Bridge Washing (FY 2025)\4 CAD - DIV\04.7 Top\CADD\_Sheet\048035-struct\structural\_details.dwg

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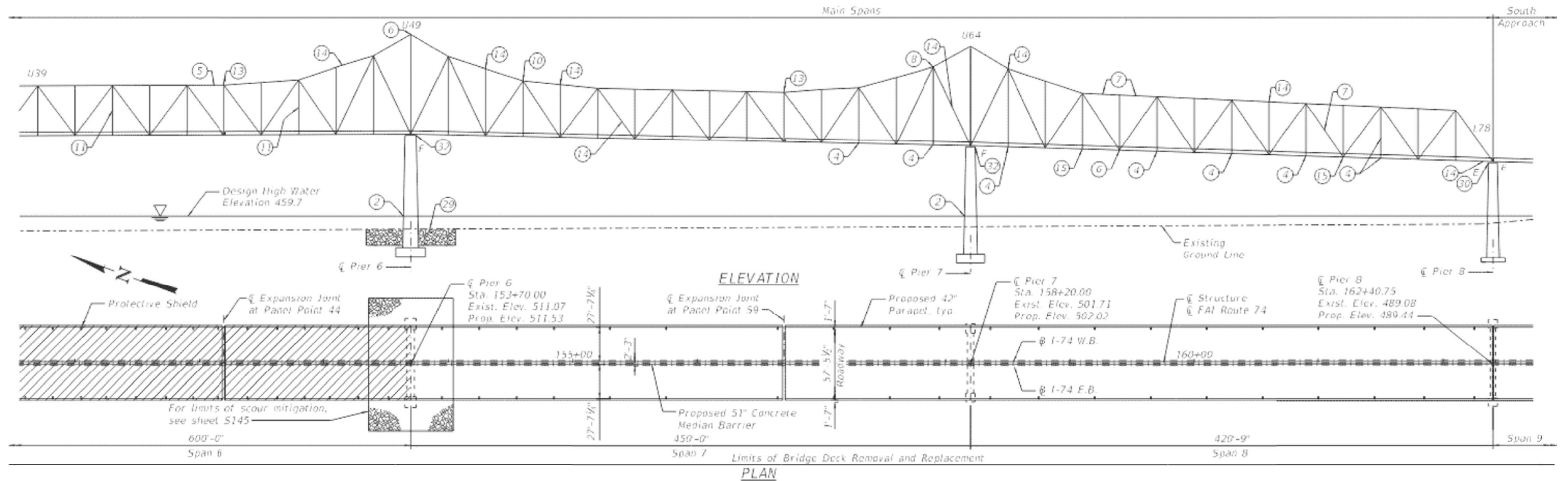
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DRAWN - JCL	REVISED -	
CHECKED - TBP	REVISED -	
DATE - JULY 2024	REVISED -	
PLOT SCALE = 0.0833' / in.		
PLOT DATE = 10/10/2024		

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 4 - STRUCTURE INFORMATION</b>			
SCALE: N/A	SHEET 2	OF 29 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	11
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

**FOR INFORMATION ONLY**  
**LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER**  
**ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD**



**SN 090-0001 (SPANS 6 THRU 8)**

MODEL: D4B411  
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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

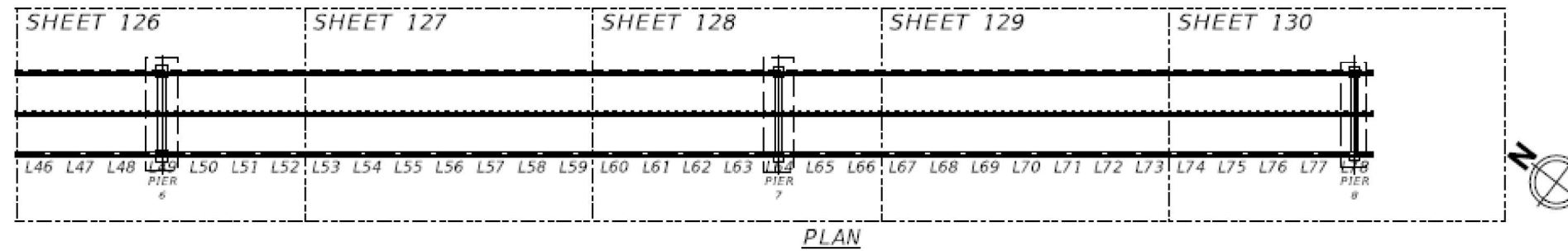
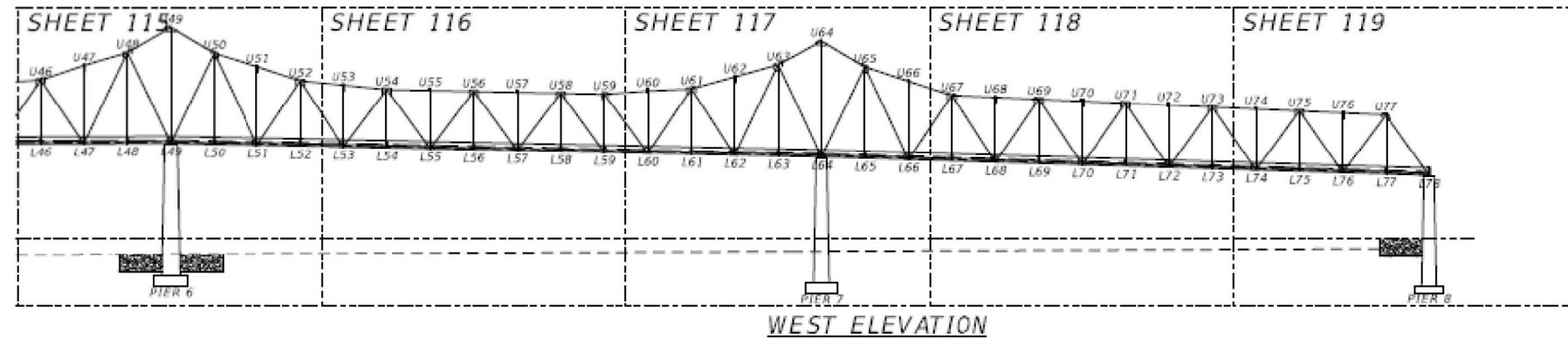
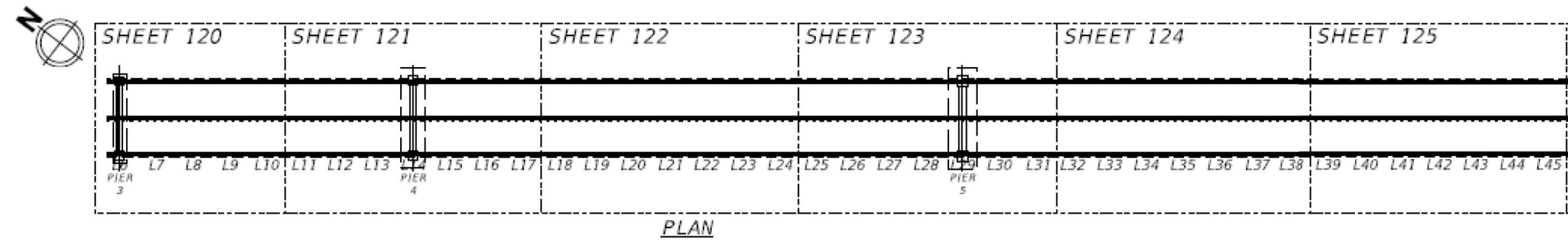
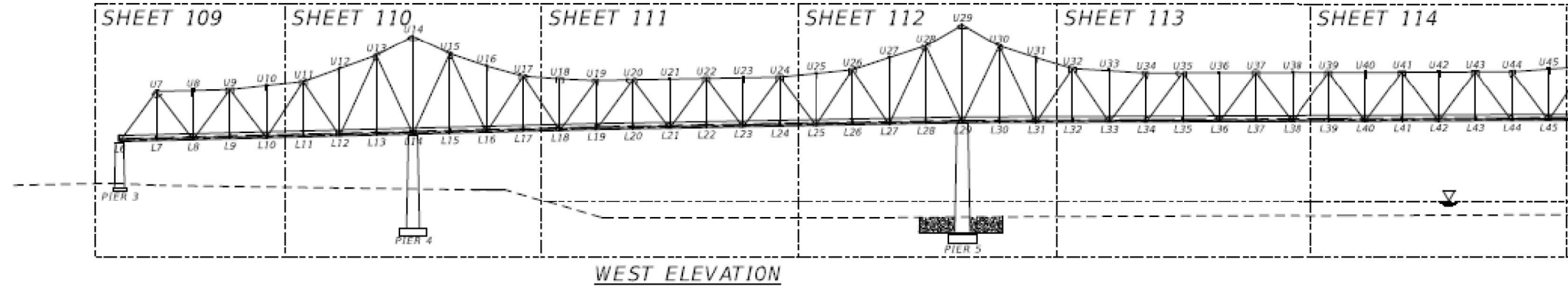
**LOCATION 4 – STRUCTURE INFORMATION**

SCALE: N/A    SHEET 3 OF 29 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	12
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



SN 090-0001 (DECORATIVE LIGHTING PLANS)

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 DRAWN - JCL  
 CHECKED - TBP  
 DATE - JULY 2024

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 4 – STRUCTURE INFORMATION  
 SCALE: N/A SHEET 4 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	13
ILLINOIS			FED. AID PROJECT	

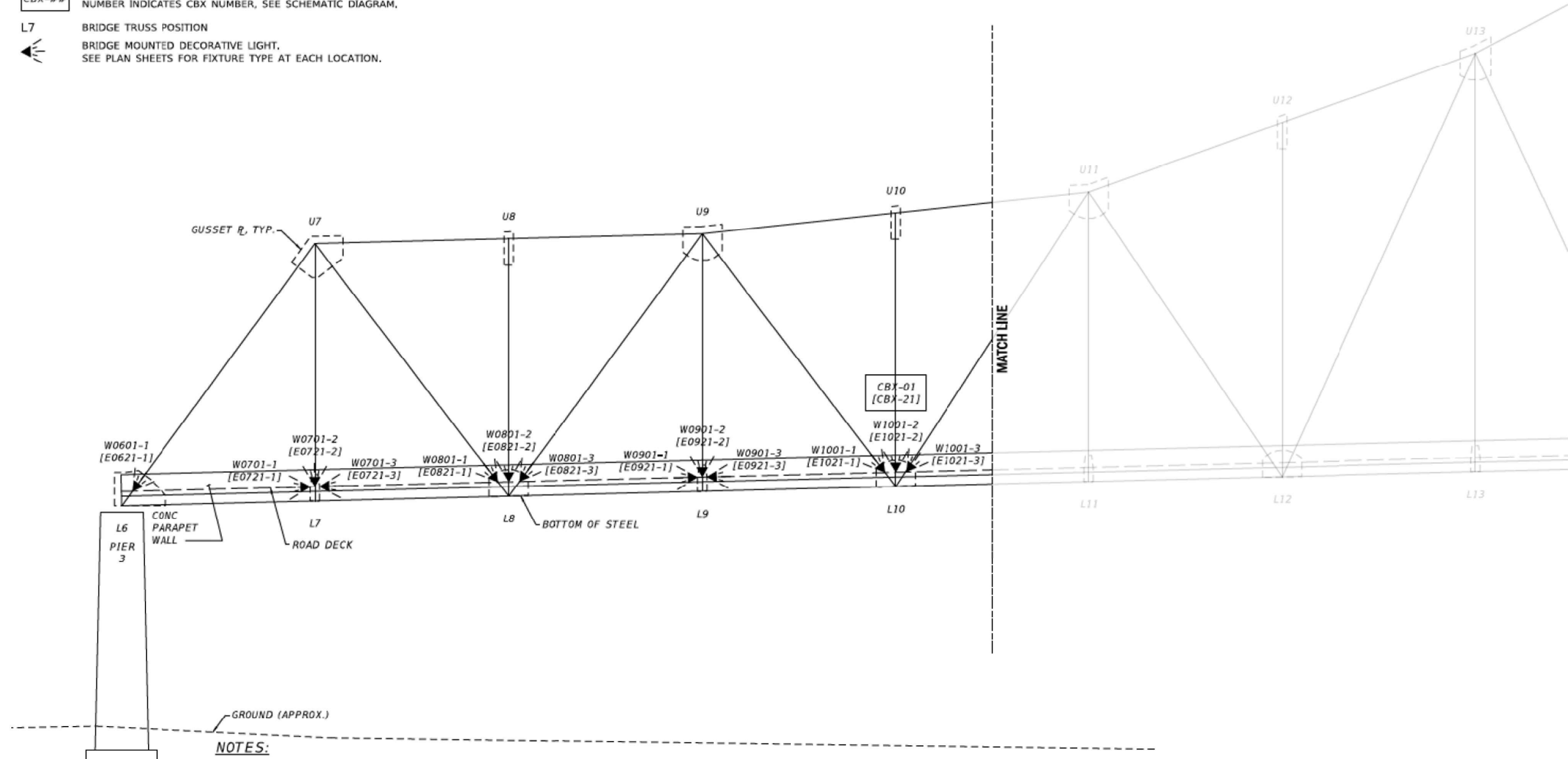


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.  
[E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.  
NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- BRIDGE MOUNTED DECORATIVE LIGHT.  
SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

WEST ELEVATION  
(LOOKING EAST)



F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\11... FILE NAME: P:\2023\11 CAD... DIV\04.7 Top\CADD\_Sheet\0468035-struct\structural\_details.dwg



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 5 OF 29 SHEETS STA. TO STA.

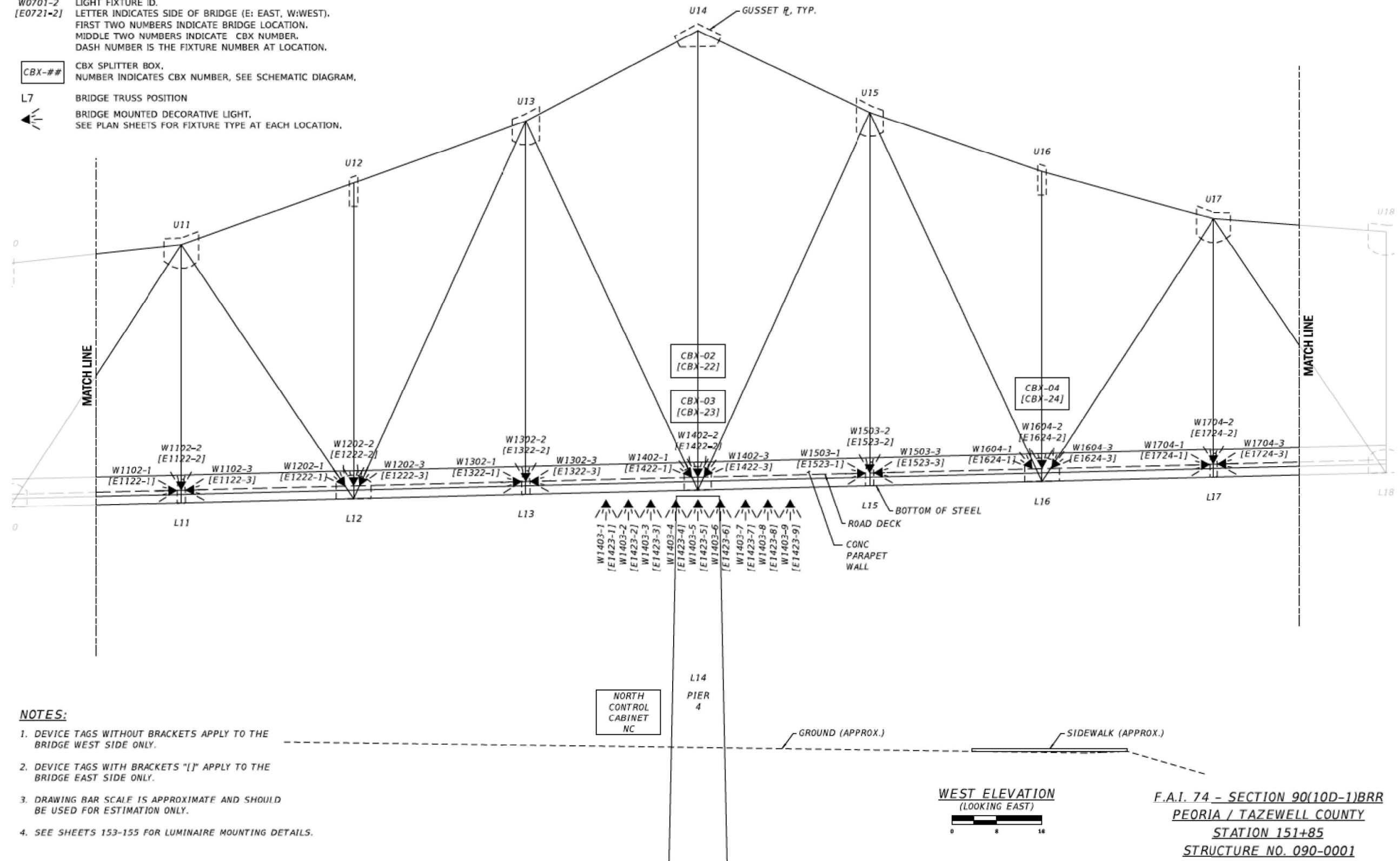
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	14
			CONTRACT NO. 68J35	
			ILLINOIS FED. AID PROJECT	

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
  - [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).
  - FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
  - MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
  - DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.
  - NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
  - BRIDGE MOUNTED DECORATIVE LIGHT.
  - SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 6 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	15
CONTRACT NO. 68J35				

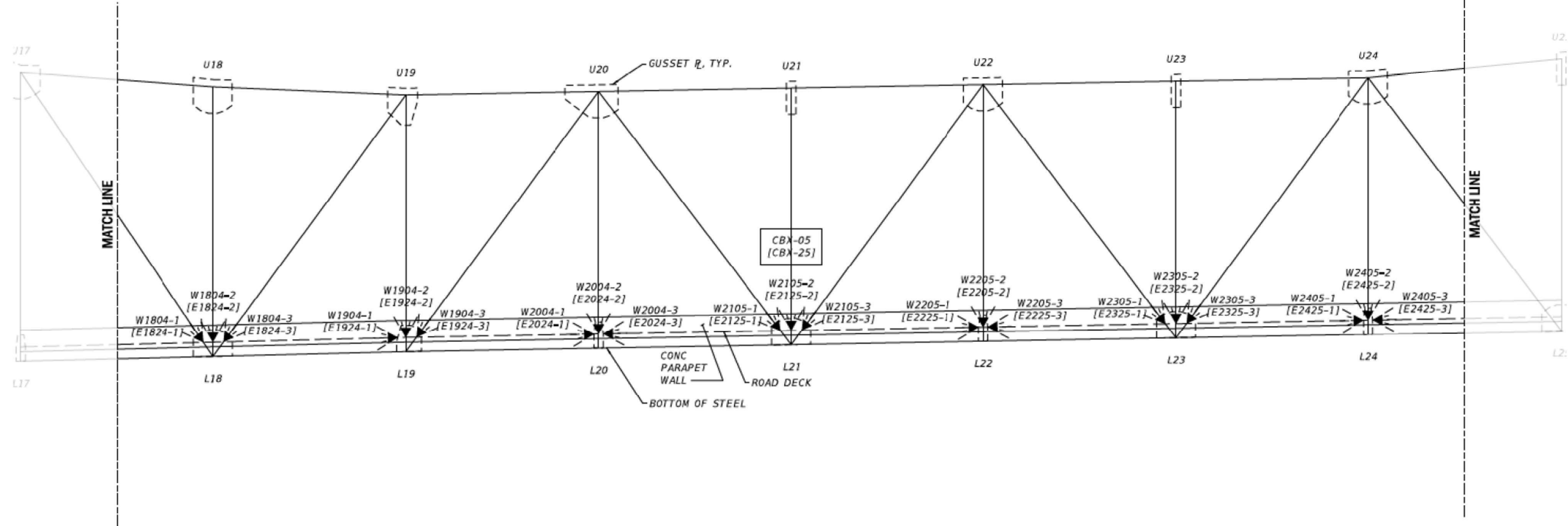
ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
- [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST). FIRST TWO NUMBERS INDICATE BRIDGE LOCATION. MIDDLE TWO NUMBERS INDICATE CBX NUMBER. DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX. NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- ▲ BRIDGE MOUNTED DECORATIVE LIGHT. SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

WATER (APPROX.)

WEST ELEVATION  
(LOOKING EAST)



F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

DESIGNED - JCL	REVISED -
DRAWN - JCL	REVISED -
CHECKED - TBP	REVISED -
DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
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### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 7 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	

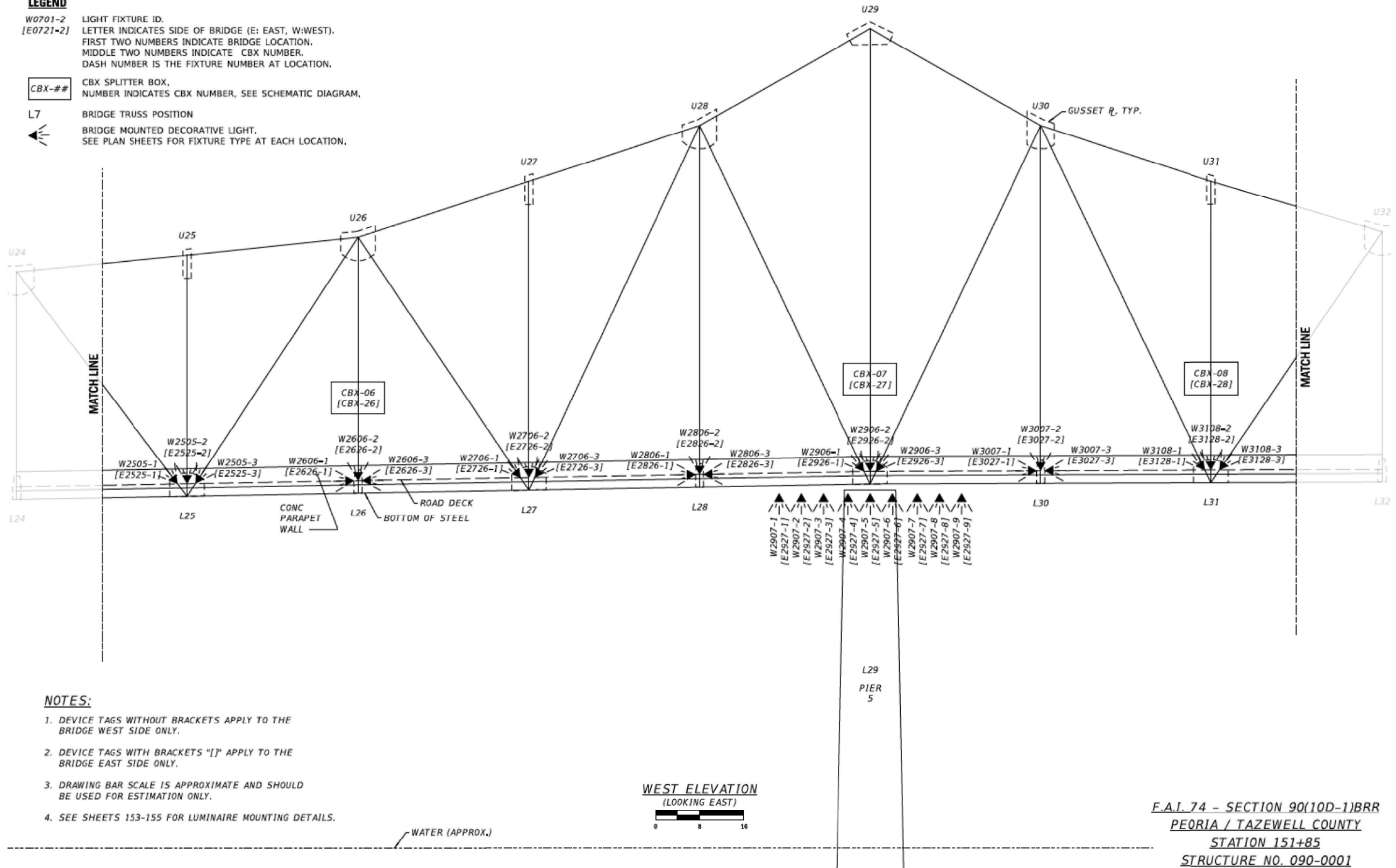


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
  - [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).
  - FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
  - MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
  - DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX, NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
  - L7 BRIDGE TRUSS POSITION
  - BRIDGE MOUNTED DECORATIVE LIGHT, SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

LOCATION 4 - STRUCTURE INFORMATION			
SCALE: N/A	SHEET 8	OF 29 SHEETS	STA. TO STA.

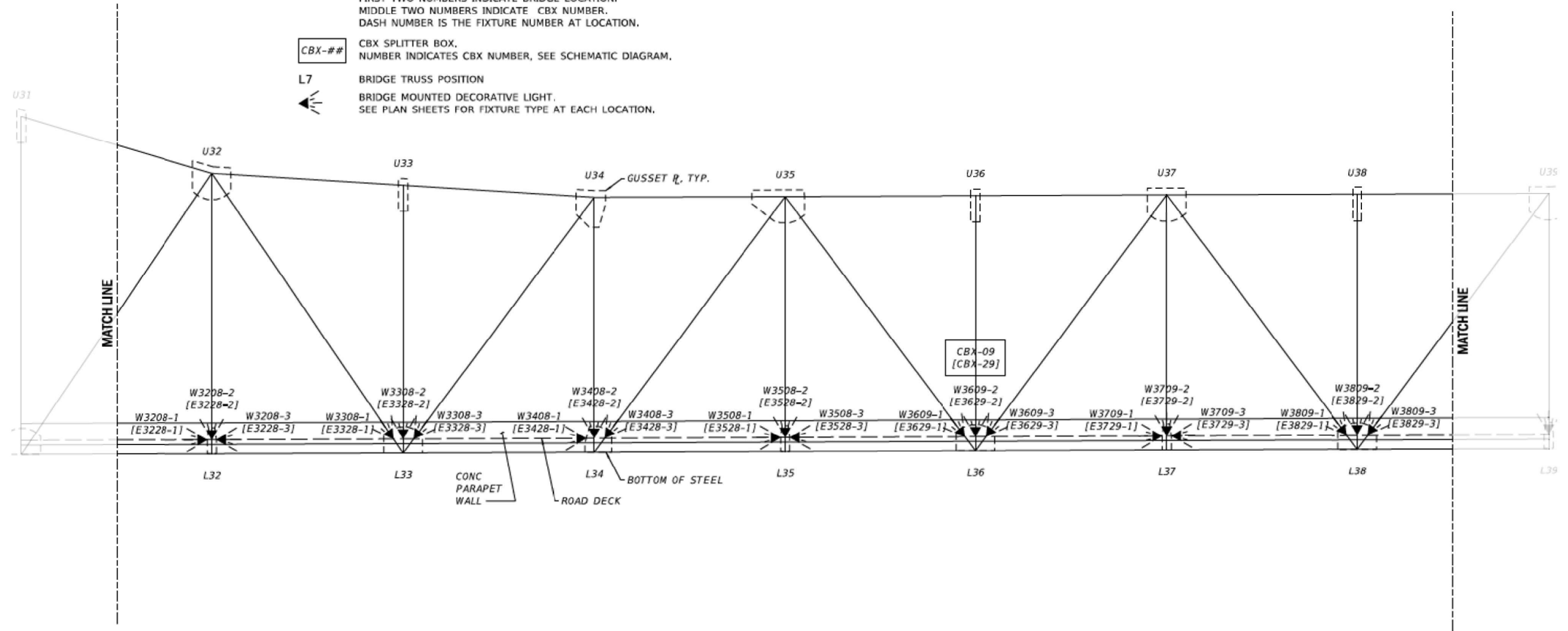
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	17
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.  
[E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.  
NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- ← BRIDGE MOUNTED DECORATIVE LIGHT.  
SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

WEST ELEVATION  
(LOOKING EAST)



WATER (APPROX.)

F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 9 OF 29 SHEETS STA. TO STA.

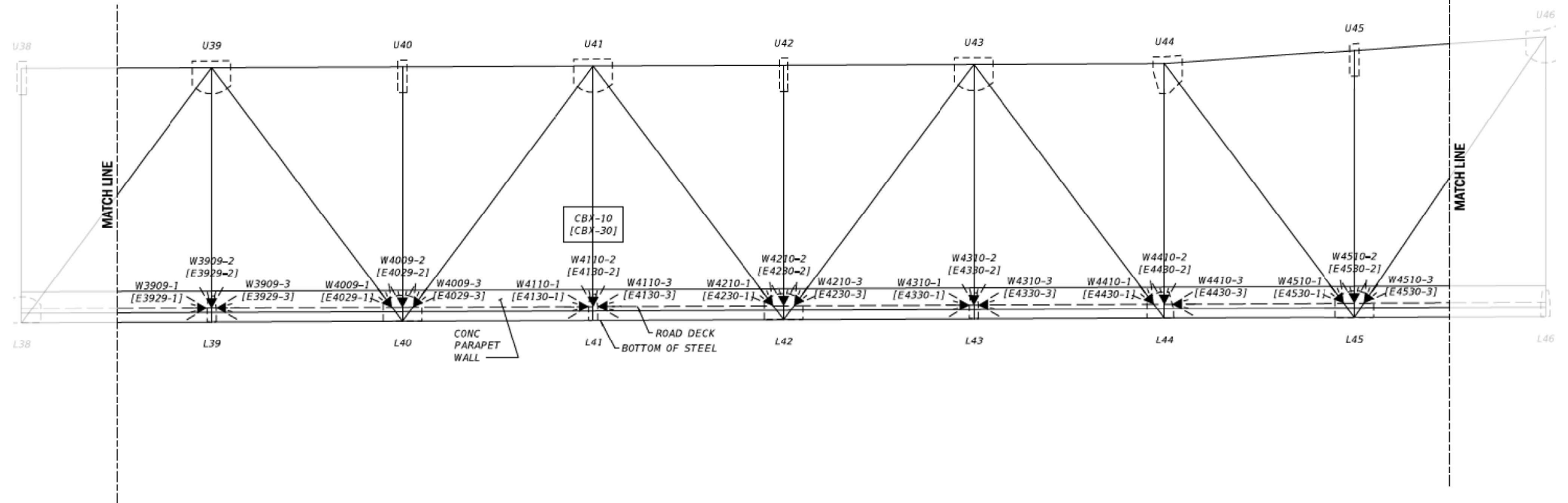
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
  - [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).
  - FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
  - MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
  - DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.
  - NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
  - BRIDGE MOUNTED DECORATIVE LIGHT.
  - SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

WEST ELEVATION  
(LOOKING EAST)



WATER (APPROX.)

F.A.I. 74 – SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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USER NAME = dlee  
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DRAWN - JCL  
CHECKED - TBP  
DATE - JULY 2024

REVISOR -  
REVISION -  
REVISION -  
REVISION -

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DEPARTMENT OF TRANSPORTATION

LOCATION 4 – STRUCTURE INFORMATION

SCALE: N/A SHEET 10 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	



# FOR INFORMATION ONLY

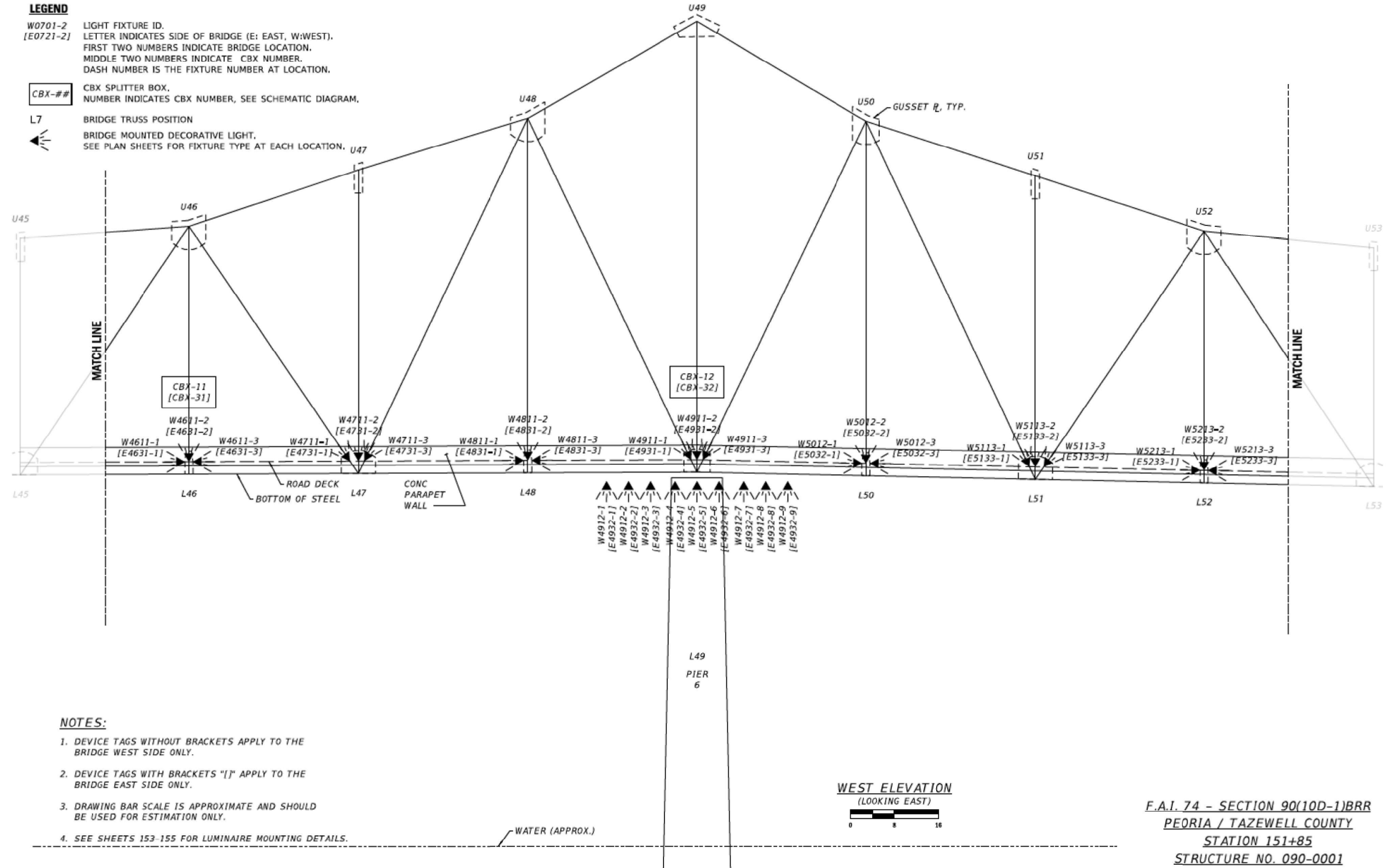
## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

W0701-2 LIGHT FIXTURE ID.  
 [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
 FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
 MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
 DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.

CBX-## CBX SPLITTER BOX.  
 NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.

L7 BRIDGE TRUSS POSITION  
 BRIDGE MOUNTED DECORATIVE LIGHT.  
 SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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 LICENSE NO: 184-001220

USER NAME = dlee	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 11 OF 29 SHEETS STA. TO STA.

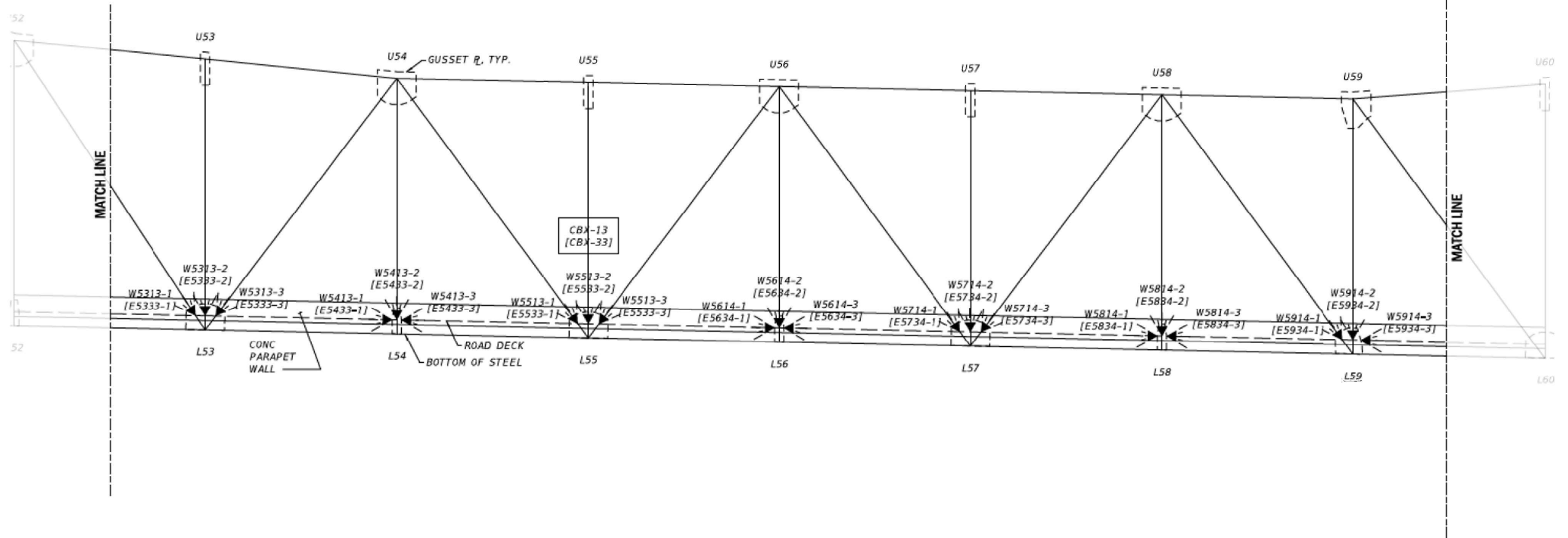
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
  - [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).
  - FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
  - MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
  - DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.
  - NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
  - BRIDGE MOUNTED DECORATIVE LIGHT.
  - SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

WEST ELEVATION  
(LOOKING EAST)



WATER (APPROX.)

F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p\11... FILE NAME: P:\2023\230984\F - 84606... SHEET: D:\68135-struct\structural\_details.dwg



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 12 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	21
			CONTRACT NO. 68J35	
			ILLINOIS FED. AID PROJECT	

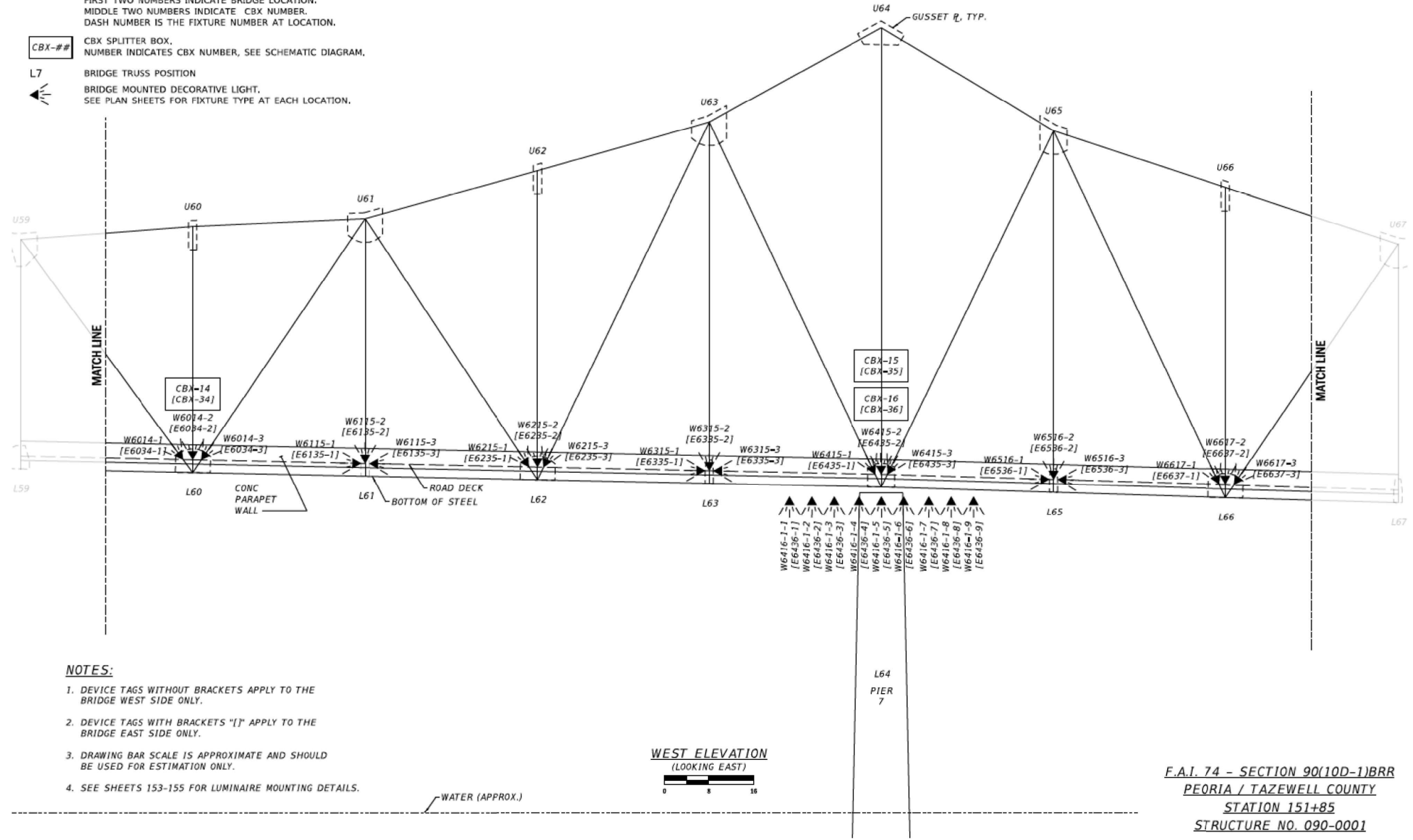


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
  - [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W: WEST).
  - FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
  - MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
  - DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.
  - NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
  - BRIDGE MOUNTED DECORATIVE LIGHT.
  - SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

### WEST ELEVATION

(LOOKING EAST)



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\h...  
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USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 13 OF 29 SHEETS STA. TO STA.

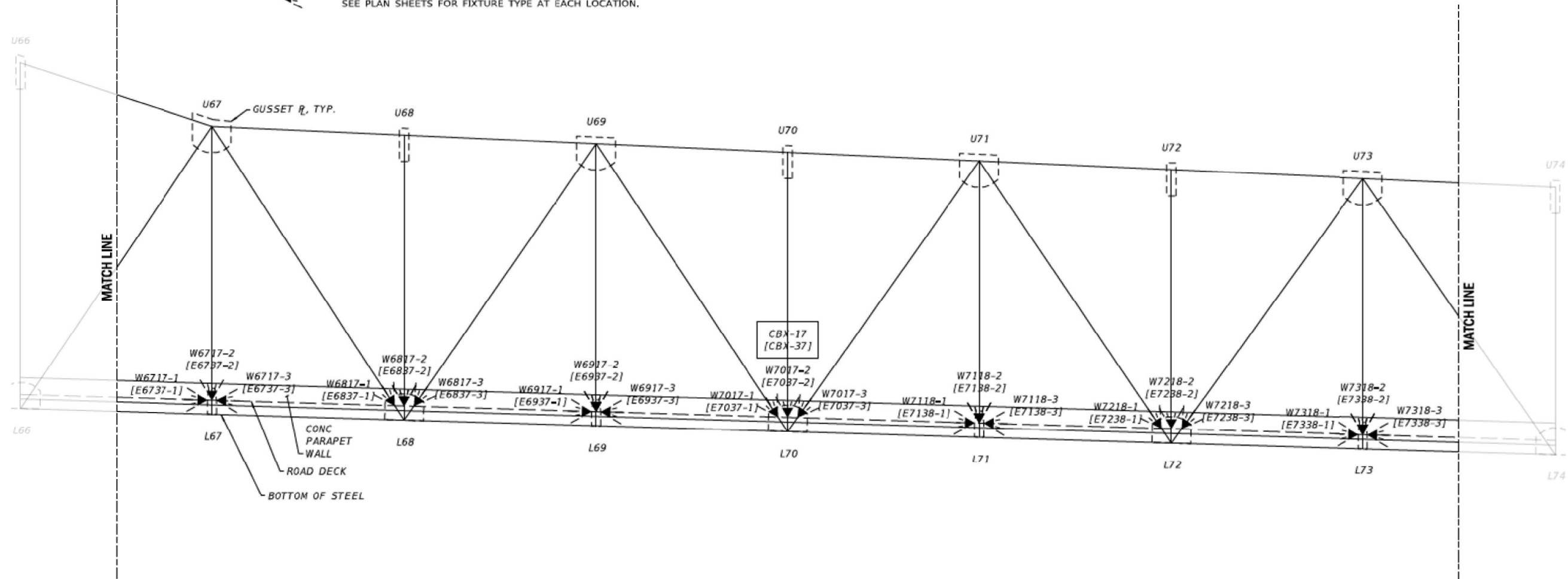
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	22
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
- [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).
- FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
- MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
- DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.
- NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- BRIDGE MOUNTED DECORATIVE LIGHT.
- SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[ ]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

WEST ELEVATION  
(LOOKING EAST)



**F.A.I. 74 - SECTION 90(10D-1)BRR**  
**PEORIA / TAZEWELL COUNTY**  
**STATION 151+85**  
**STRUCTURE NO. 090-0001**

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\6461... FILE NAME: P:\2023\14 CAD - DIV\14.7 Top\CADD\_Sheet\0468035-struct\structural\_details.dgn



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

DRAWN - JCL	REVISED -
CHECKED - TBP	REVISED -
DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 14 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	

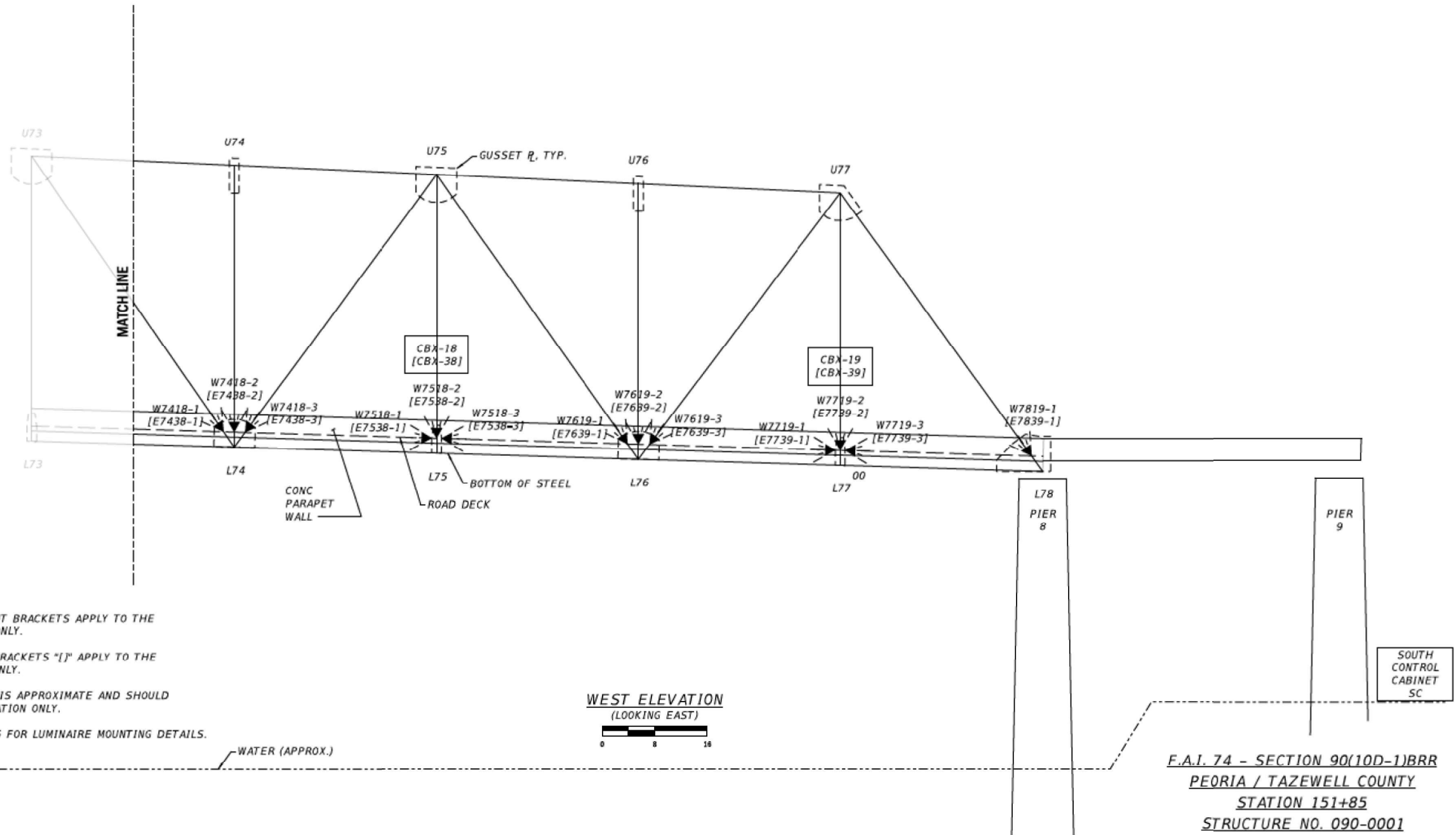


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- W0701-2 LIGHT FIXTURE ID.
  - [E0721-2] LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).
  - FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.
  - MIDDLE TWO NUMBERS INDICATE CBX NUMBER.
  - DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- CBX-## CBX SPLITTER BOX.
  - NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
  - BRIDGE MOUNTED DECORATIVE LIGHT.
  - SEE PLAN SHEETS FOR FIXTURE TYPE AT EACH LOCATION.



### NOTES:

1. DEVICE TAGS WITHOUT BRACKETS APPLY TO THE BRIDGE WEST SIDE ONLY.
2. DEVICE TAGS WITH BRACKETS "[I]" APPLY TO THE BRIDGE EAST SIDE ONLY.
3. DRAWING BAR SCALE IS APPROXIMATE AND SHOULD BE USED FOR ESTIMATION ONLY.
4. SEE SHEETS 153-155 FOR LUMINAIRE MOUNTING DETAILS.

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\h\... FILE NAME: P:\2023\230984\F - 84606\_Washing (FY 2025)\4 CAD - DIV\04.7 Top\CADD\_Sheet\0468035-struct\structural\_details.dgn



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### LOCATION 4 – STRUCTURE INFORMATION

SCALE: N/A SHEET 15 OF 29 SHEETS STA. TO STA.

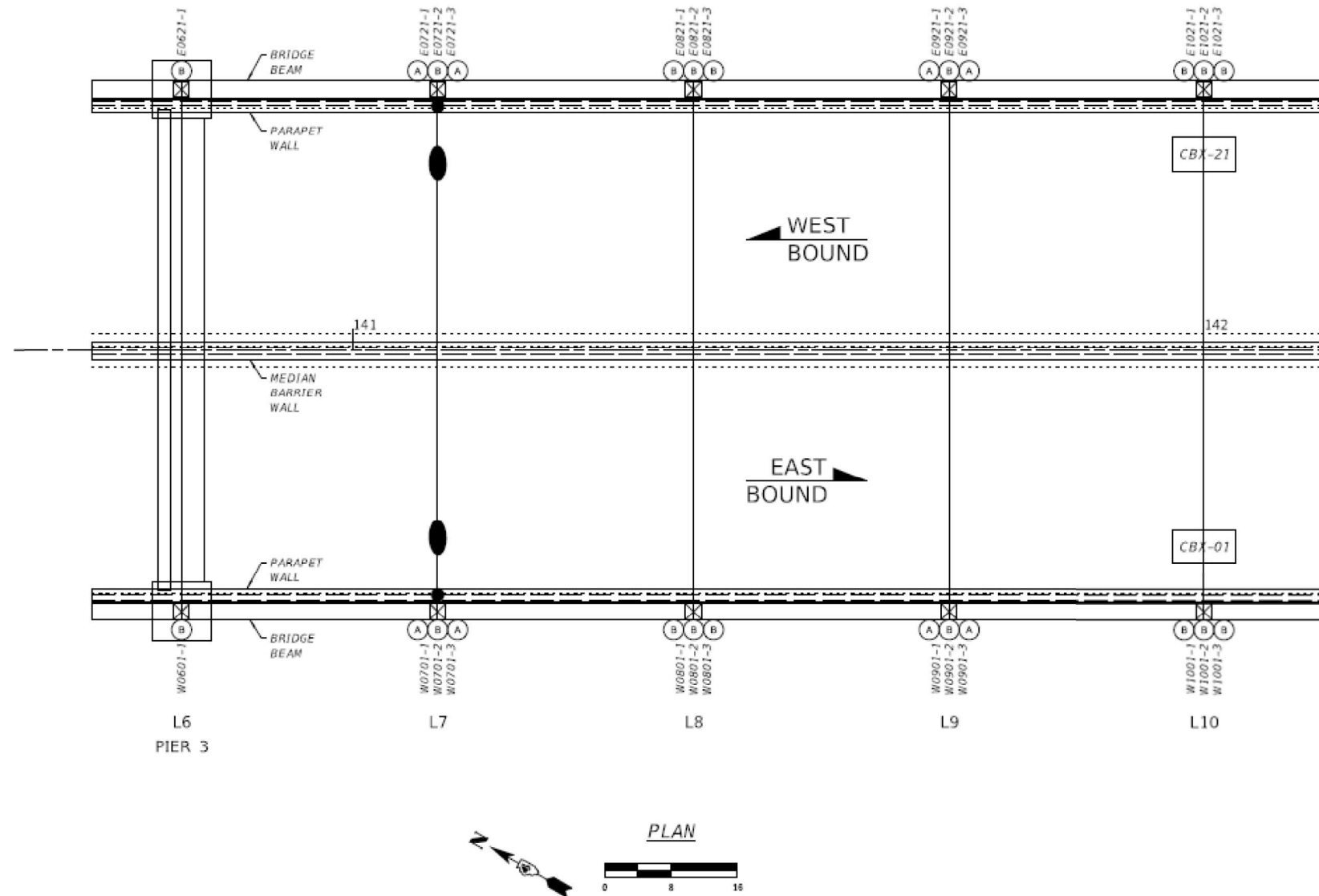
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE, LETTER INDICATES FIXTURE TYPE
  - A: HORIZONTAL COLOR WASH
  - B: SUPERSTRUCTURE WHITE
  - C: PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID, LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST). FIRST TWO NUMBERS INDICATE BRIDGE LOCATION. MIDDLE TWO NUMBERS INDICATE CBX NUMBER. DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- ⊗ EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- ⊠ NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX, NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-001

### SN 090-001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\464\11... FILE NAME: P:\2023\2309B4\F - 84606\_Washing (FY 2025)\4 CAD - DIV\4.7 Top\CADD\_Sheet\0468035-struct-structural\_details.dwg



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 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dlce  
 DESIGNED - JCL  
 DRAWN - JCL  
 CHECKED - TBP  
 DATE - JULY 2024

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 4 - STRUCTURE INFORMATION**

SCALE: N/A    SHEET 16 OF 29 SHEETS    STA. TO STA.

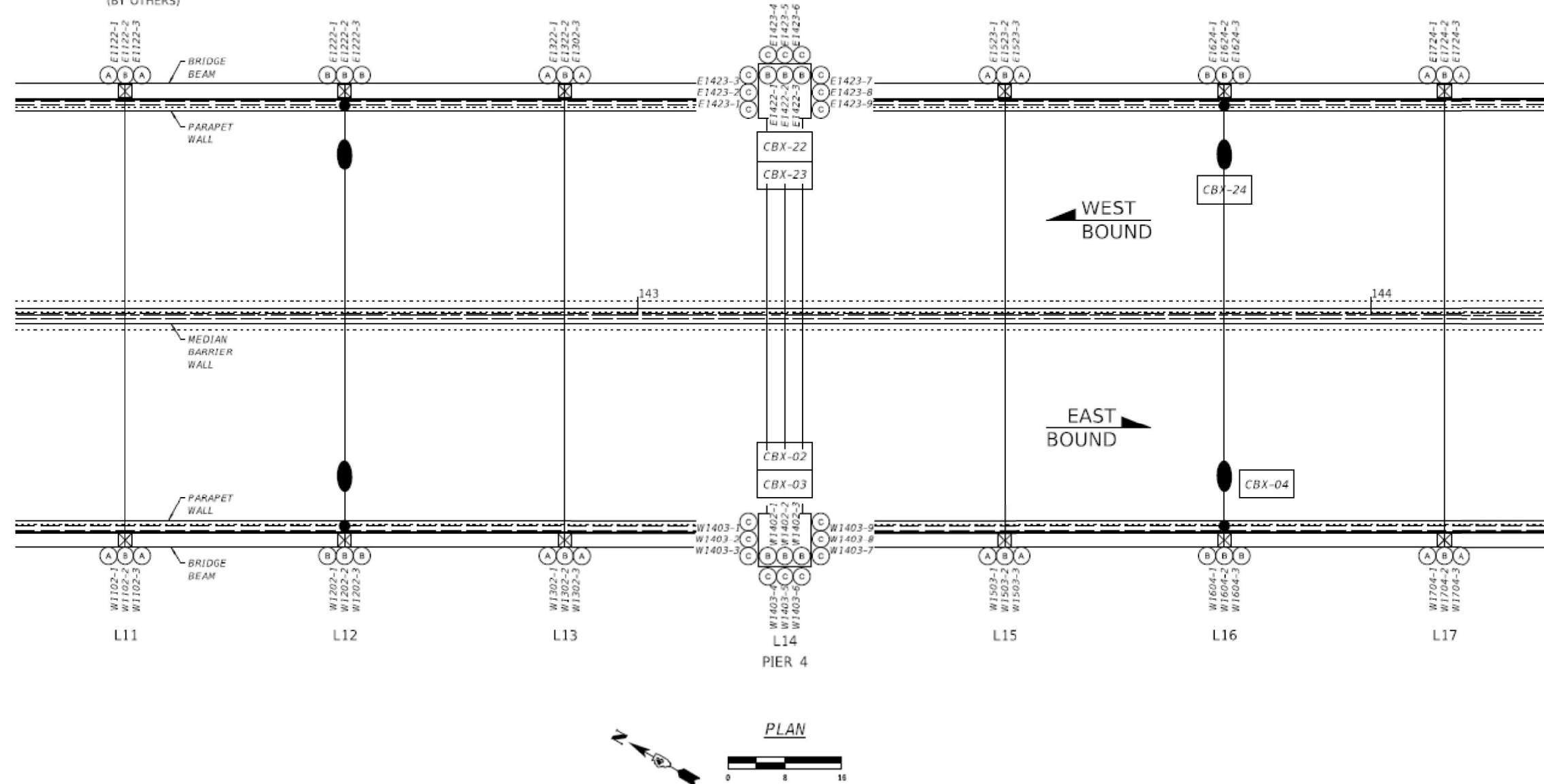
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	25
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE.  
LETTER INDICATES FIXTURE TYPE  
A; HORIZONTAL COLOR WASH  
B; SUPERSTRUCTURE WHITE  
C; PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID,  
LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- EXISTING VERTICAL BRIDGE  
STRUCTURAL MEMBER
- ROADWAY LIGHT  
(BY OTHERS)
- NAVIGATION LIGHT & PLATFORM  
(BY OTHERS)
- CBX-## CBX SPLITTER BOX,  
NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

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 GEOSPATIAL SERVICES

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 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME = dlce	DESIGNED - JCL	REVISED -
	DRAWN - JCL	REVISED -
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PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

LOCATION 4 - STRUCTURE INFORMATION			
SCALE: N/A	SHEET 17	OF 29 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	26
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

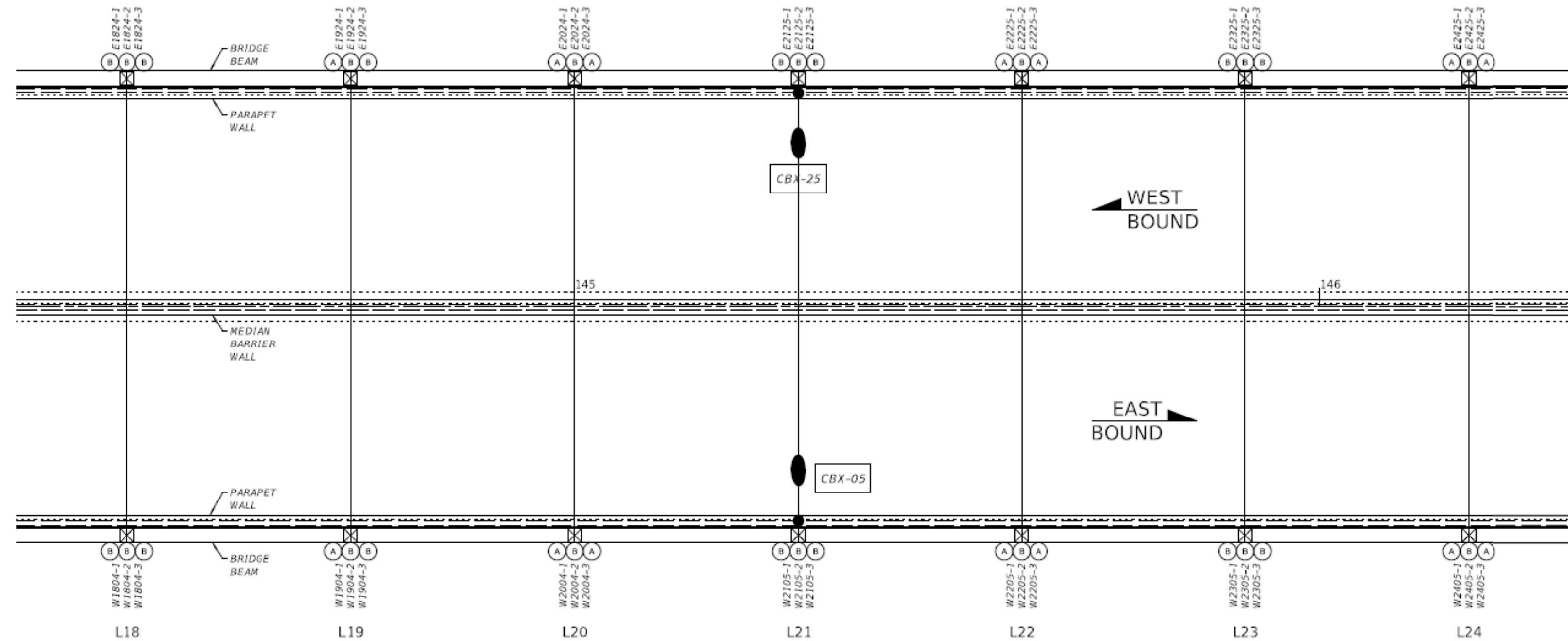


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE. SEE LUMINAIRE SCHEDULE.  
LETTER INDICATES FIXTURE TYPE  
A; HORIZONTAL COLOR WASH  
B; SUPERSTRUCTURE WHITE  
C; PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID.  
LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX.  
NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 18 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	27
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				

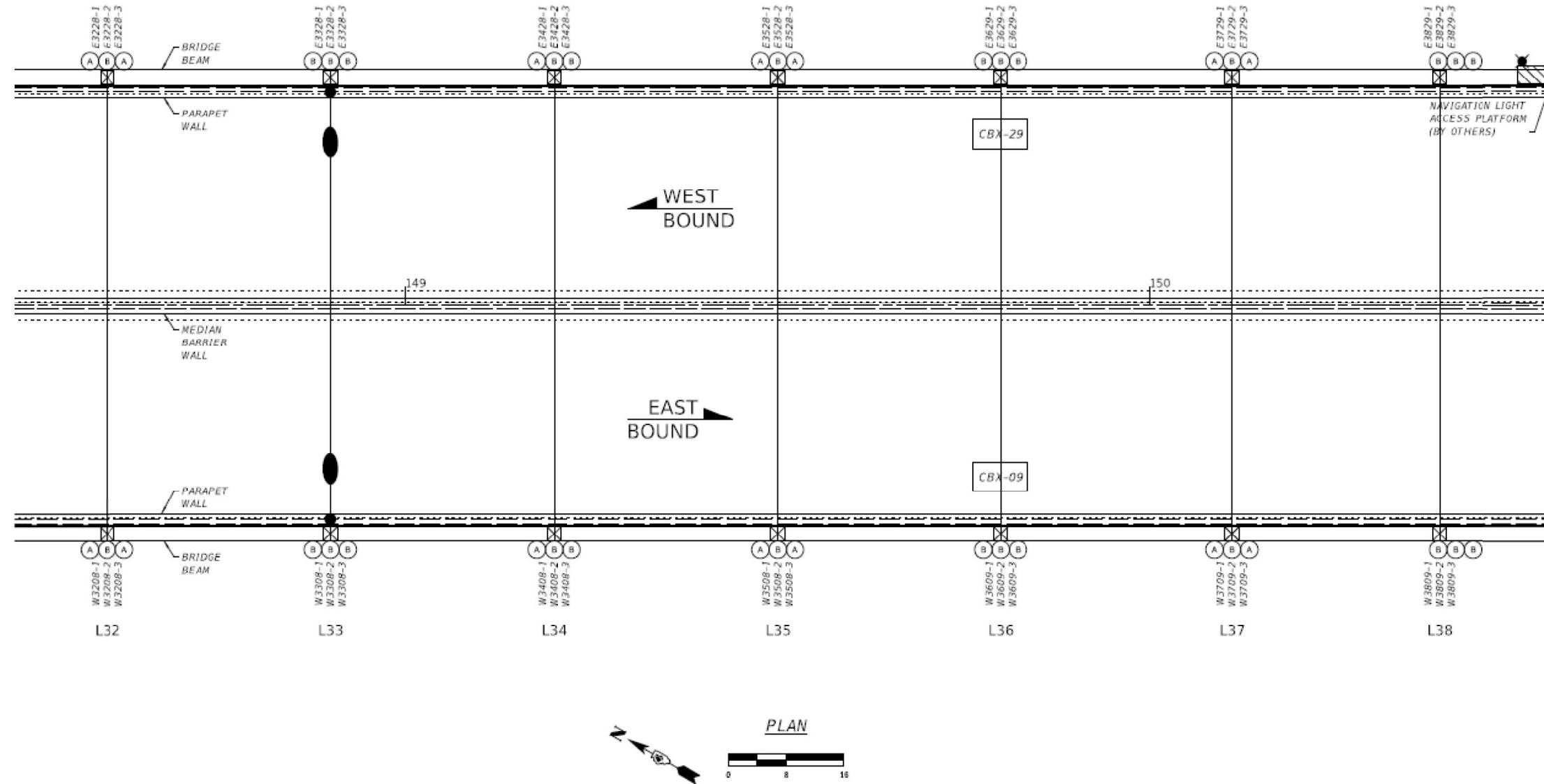


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE, LETTER INDICATES FIXTURE TYPE  
A: HORIZONTAL COLOR WASH  
B: SUPERSTRUCTURE WHITE  
C: PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID, LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST), FIRST TWO NUMBERS INDICATE BRIDGE LOCATION, MIDDLE TWO NUMBERS INDICATE CBX NUMBER, DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- ⊗ EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ⬮ ROADWAY LIGHT (BY OTHERS)
- ⊠ NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX, NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\11... FILE NAME: P:\2023\230984\F - 84606\_Washing (FY 2025)\4 CAD - DIV\4.7 Top\CADD\_Sheet\0468035-struct\structural\_details.dwg

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 LICENSE NO:  
 184-001220

USER NAME = dlee	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 20 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	29
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	

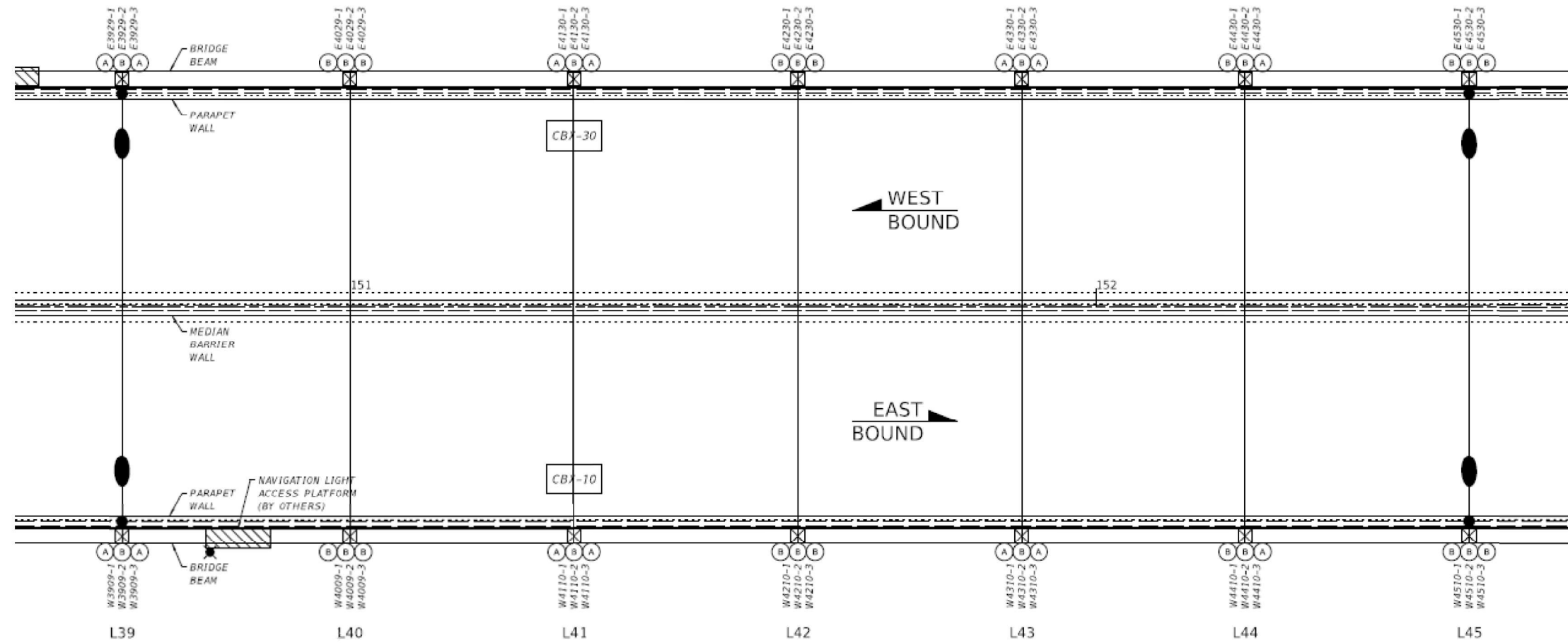


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE, LETTER INDICATES FIXTURE TYPE  
A: HORIZONTAL COLOR WASH  
B: SUPERSTRUCTURE WHITE  
C: PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID, LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST). FIRST TWO NUMBERS INDICATE BRIDGE LOCATION. MIDDLE TWO NUMBERS INDICATE CBX NUMBER. DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- ⊗ EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- ⊠ NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-# CBX SPLITTER BOX, NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



PLAN

F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\11... FILE NAME: P:\2023\230984\F - Bridge Washing (FY 2025)\4 CAD - DIV\4.7 Top\CADD\_Sheet\0468035-struct\structural\_details.dwg



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 LICENSE NO:  
 184-001220

USER NAME = dlce	DESIGNED - JCL	REVISED -
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PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 21 OF 29 SHEETS STA. TO STA.

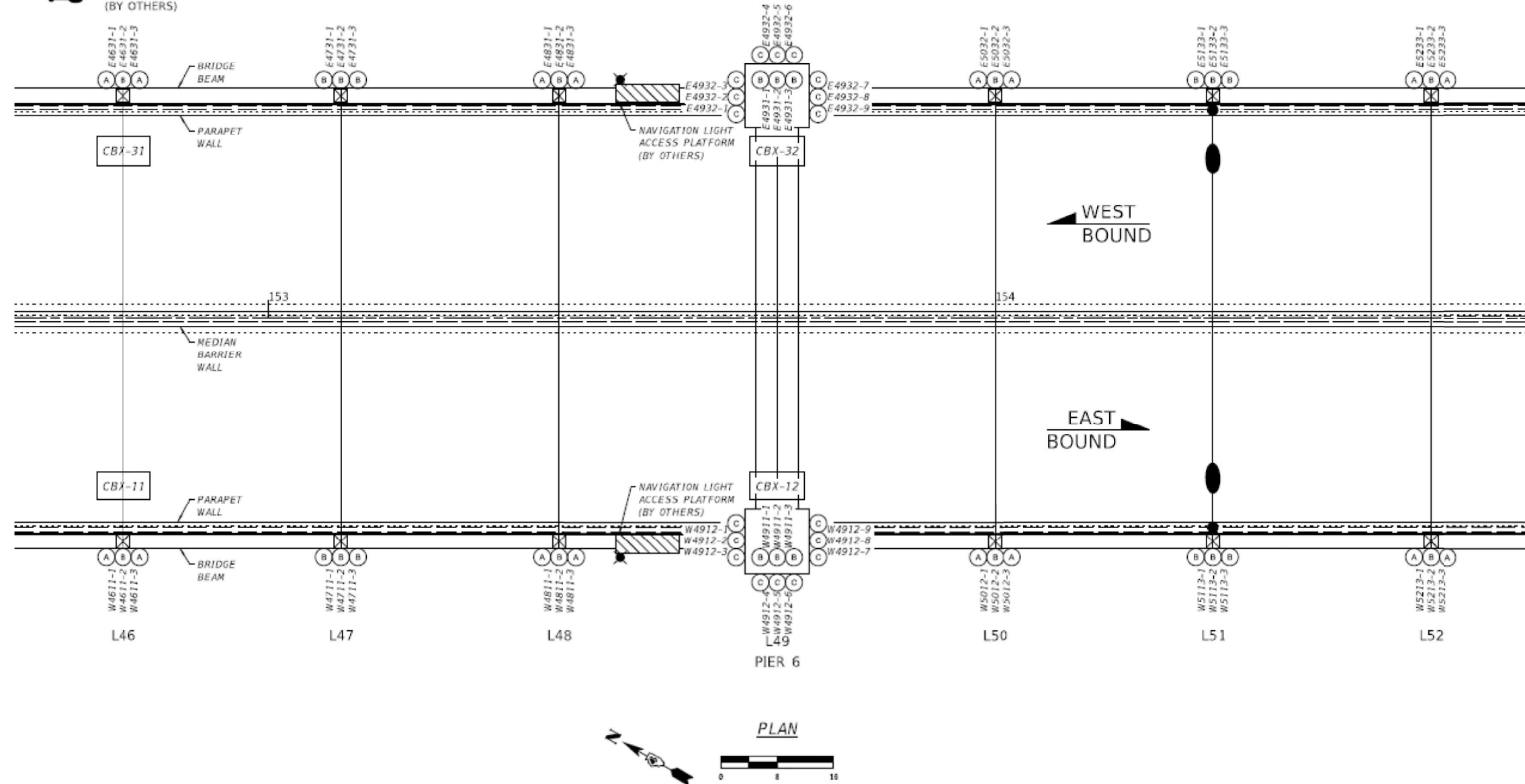
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	30
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE. LETTER INDICATES FIXTURE TYPE  
A; HORIZONTAL COLOR WASH  
B; SUPERSTRUCTURE WHITE  
C; PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID. LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST). FIRST TWO NUMBERS INDICATE BRIDGE LOCATION. MIDDLE TWO NUMBERS INDICATE CBX NUMBER. DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX. NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: Default  
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 LICENSE NO:  
 184-001220

USER NAME = dlee	DESIGNED - JCL	REVISED -
	DRAWN - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 22 OF 29 SHEETS STA. TO STA.

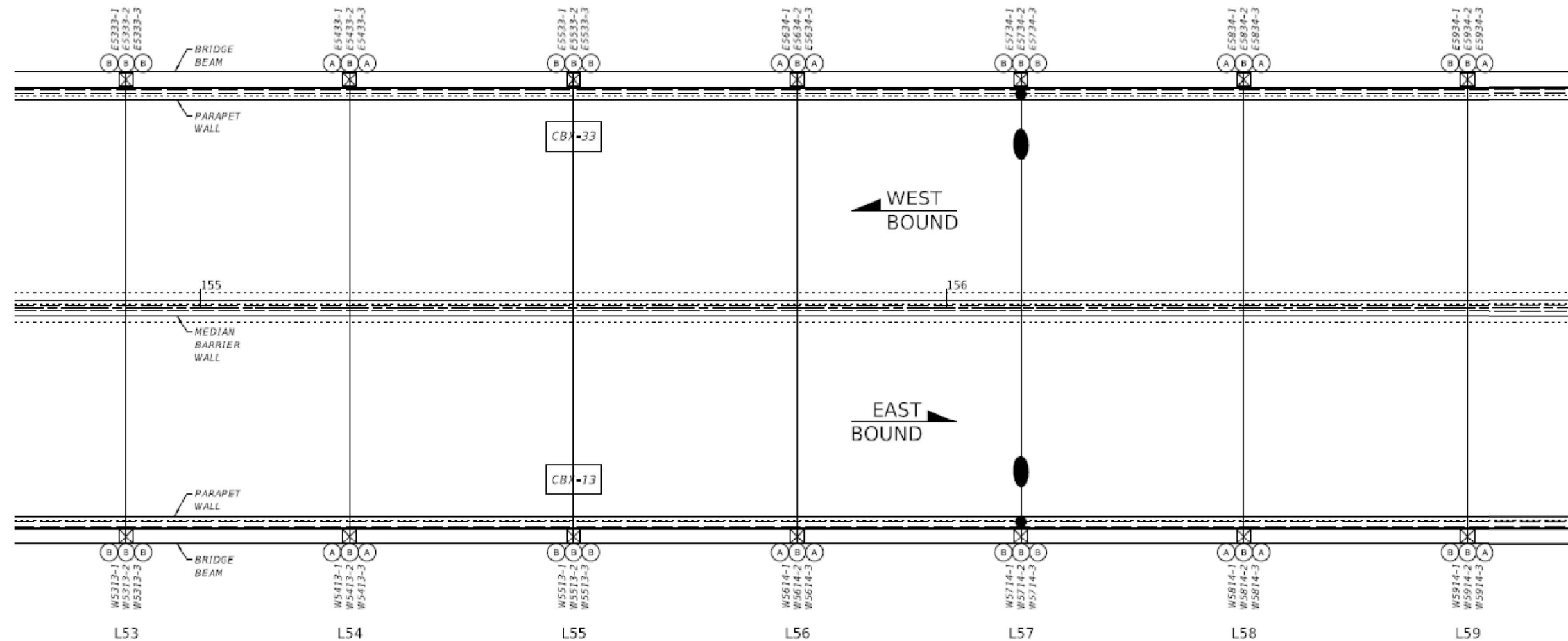
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	31
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE.  
LETTER INDICATES FIXTURE TYPE  
A: HORIZONTAL COLOR WASH  
B: SUPERSTRUCTURE WHITE  
C: PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID.  
LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- ☒ EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ☛ ROADWAY LIGHT (BY OTHERS)
- ☛ NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX, NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\h...  
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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 4 - STRUCTURE INFORMATION			
SCALE: N/A	SHEET 23	OF 29 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	32
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				

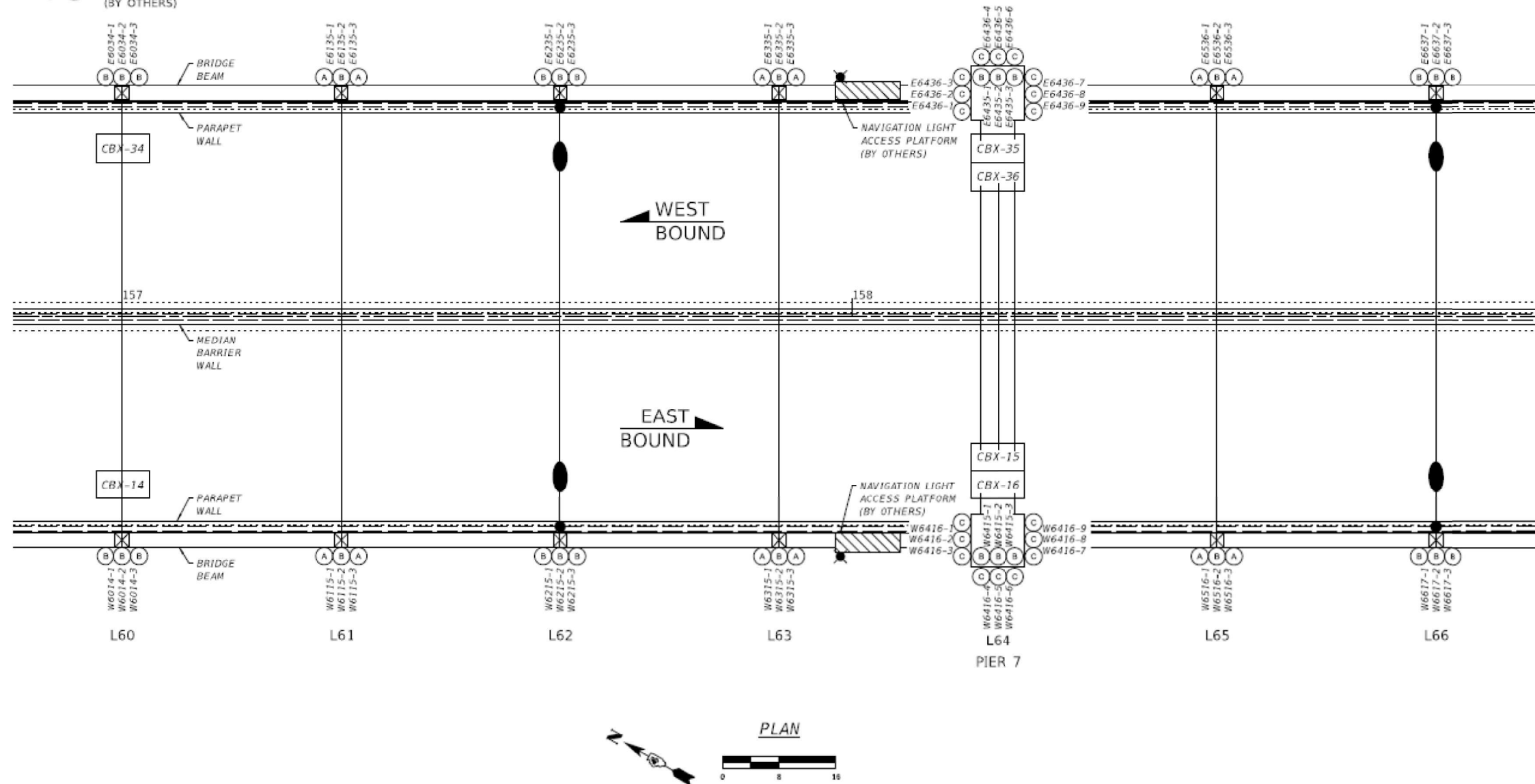


# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE. LETTER INDICATES FIXTURE TYPE  
A; HORIZONTAL COLOR WASH  
B; SUPERSTRUCTURE WHITE  
C; PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID. LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST). FIRST TWO NUMBERS INDICATE BRIDGE LOCATION. MIDDLE TWO NUMBERS INDICATE CBX NUMBER. DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX. NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\h... FILE NAME: P:\2023\230984\F - 84606\_Washing (FY 2025)\4 CAD - DIV\04.7 Top\CADD\_Sheet\0468035-struct\structural\_detail.dwg



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 24 OF 29 SHEETS STA. TO STA.

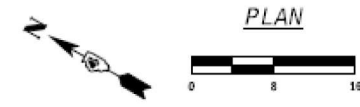
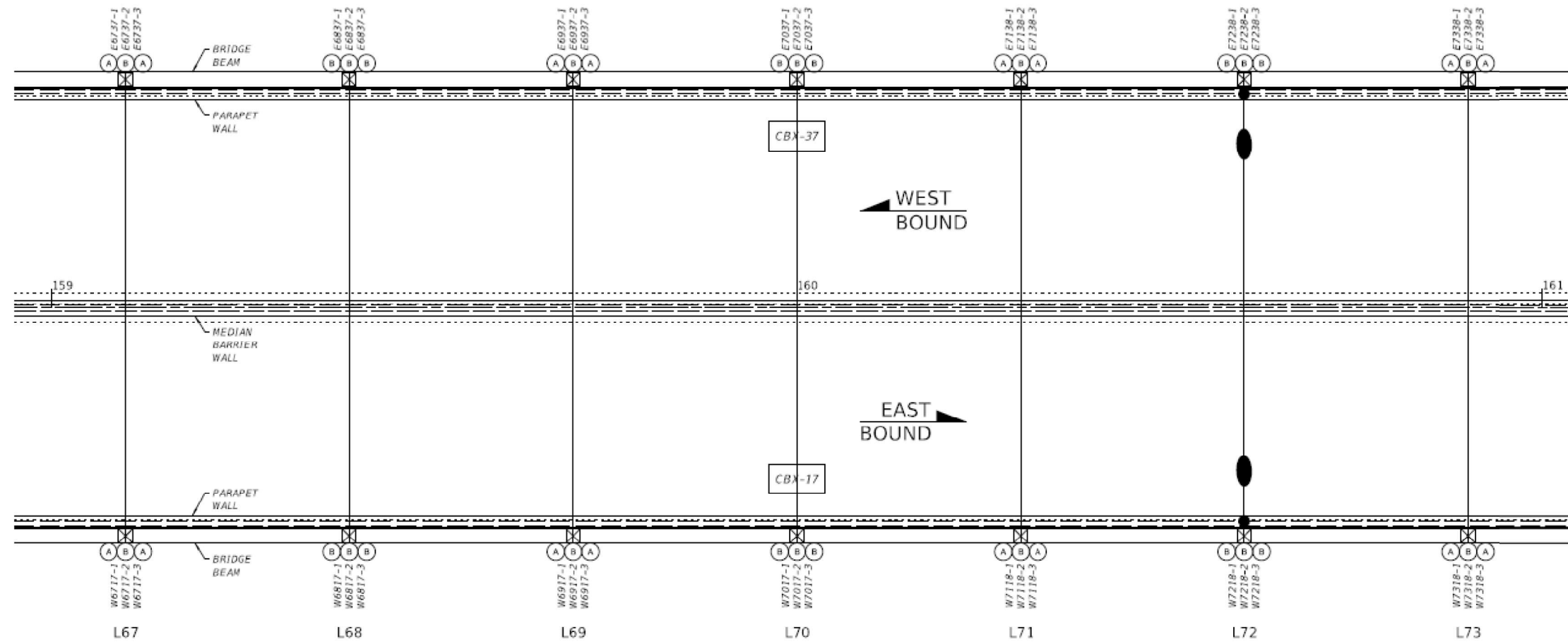
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	33
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- (A) LIGHT FIXTURE, SEE LUMINAIRE SCHEDULE.  
LETTER INDICATES FIXTURE TYPE  
A: HORIZONTAL COLOR WASH  
B: SUPERSTRUCTURE WHITE  
C: PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID,  
LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX.  
NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\11... FILE NAME: P:\2023\230984\F - 84606\_Washing (FY 2025)\4 CAD - DIV\04.7 Top\CADD\_Sheet\0468035-struct-structural\_details.dwg



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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

LOCATION 4 - STRUCTURE INFORMATION			
SCALE: N/A	SHEET 25	OF 29 SHEETS	STA. TO STA.

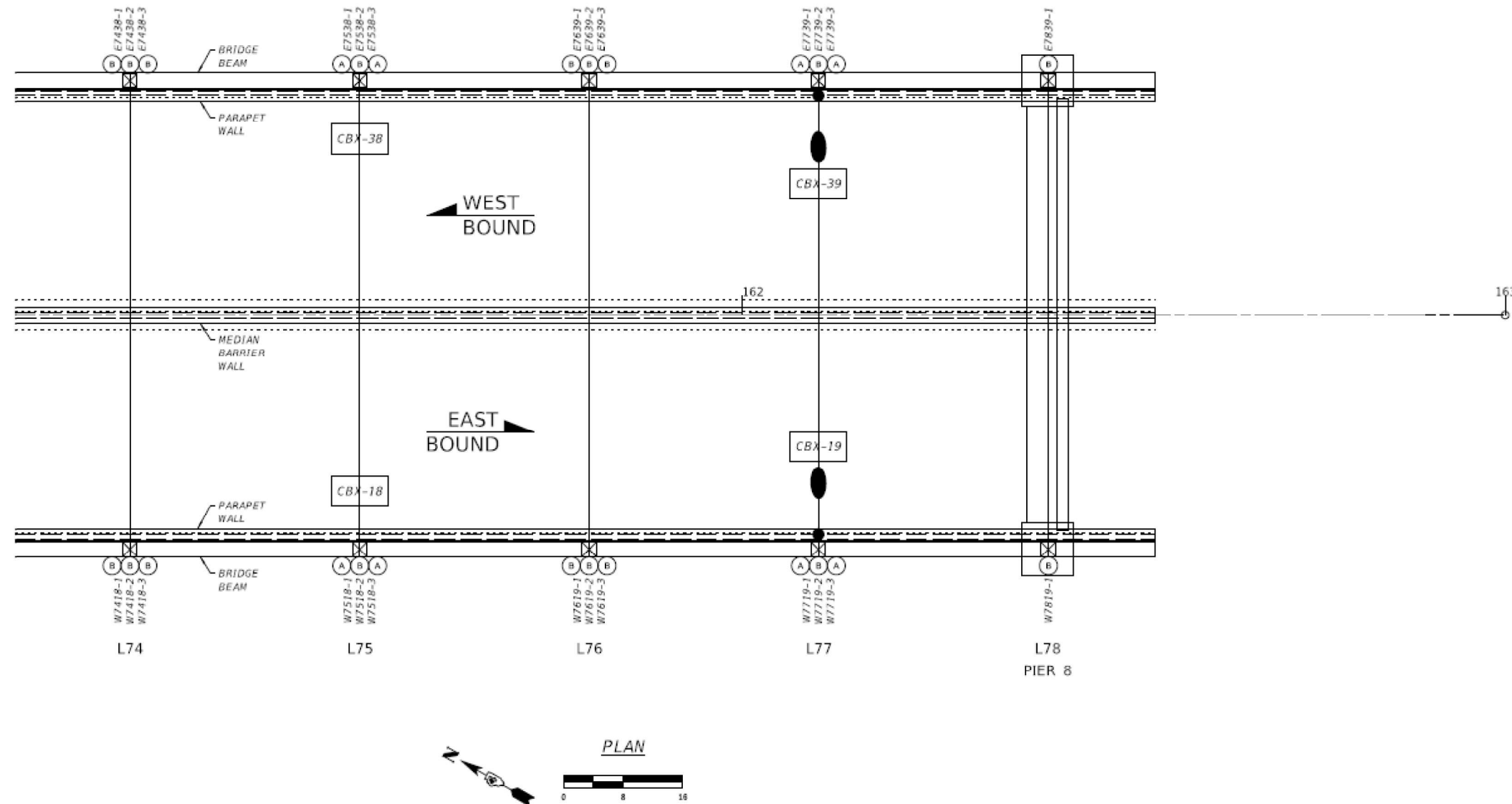
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	34
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

### LEGEND

- ⊙ LIGHT FIXTURE. SEE LUMINAIRE SCHEDULE.  
LETTER INDICATES FIXTURE TYPE  
A: HORIZONTAL COLOR WASH  
B: SUPERSTRUCTURE WHITE  
C: PIER COLOR WASH
- E0701-1 LIGHT FIXTURE ID.  
LETTER INDICATES SIDE OF BRIDGE (E: EAST, W:WEST).  
FIRST TWO NUMBERS INDICATE BRIDGE LOCATION.  
MIDDLE TWO NUMBERS INDICATE CBX NUMBER.  
DASH NUMBER IS THE FIXTURE NUMBER AT LOCATION.
- ⊠ EXISTING VERTICAL BRIDGE STRUCTURAL MEMBER
- ROADWAY LIGHT (BY OTHERS)
- ⊠ NAVIGATION LIGHT & PLATFORM (BY OTHERS)
- CBX-## CBX SPLITTER BOX.  
NUMBER INDICATES CBX NUMBER, SEE SCHEMATIC DIAGRAM.
- L7 BRIDGE TRUSS POSITION
- 162 BASELINE



F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

### SN 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: D:\p4\11...  
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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

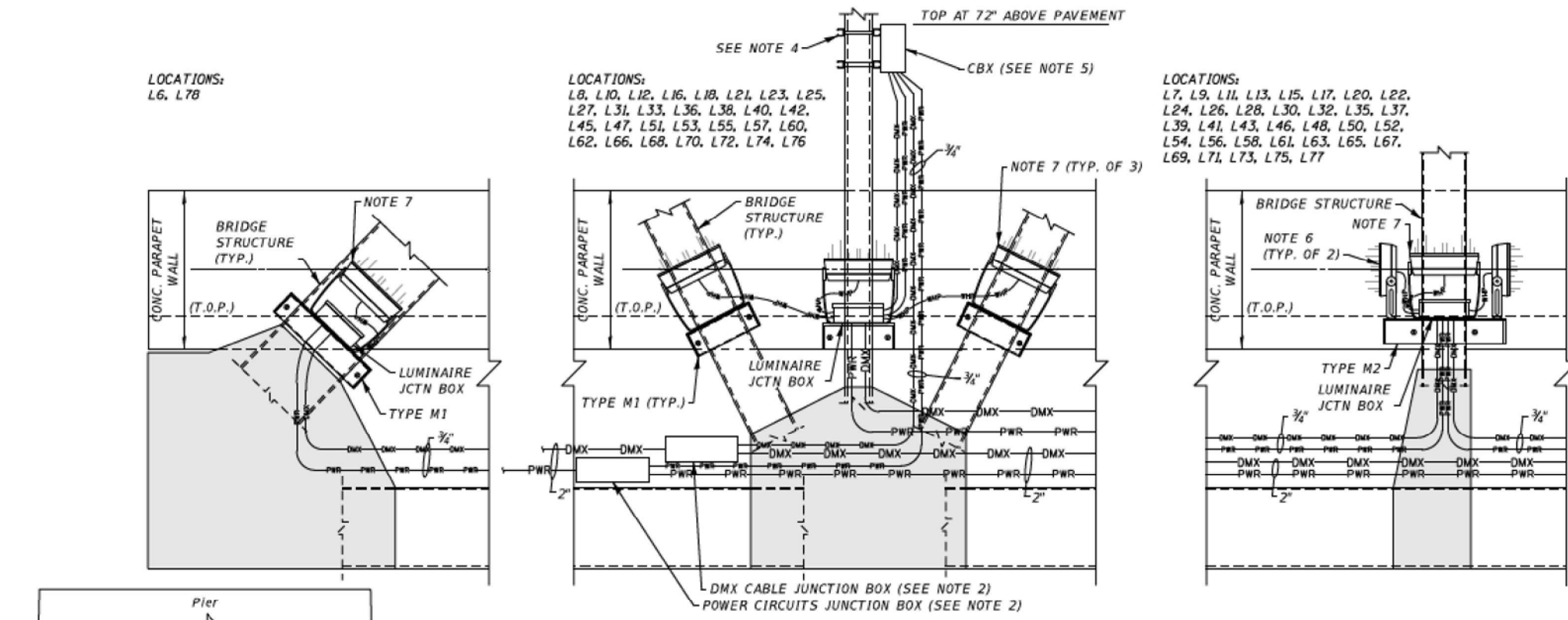
LOCATION 4 – STRUCTURE INFORMATION			
SCALE: N/A	SHEET 26	OF 29 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	35
			CONTRACT NO. 68J35	
		ILLINOIS	FED. AID PROJECT	



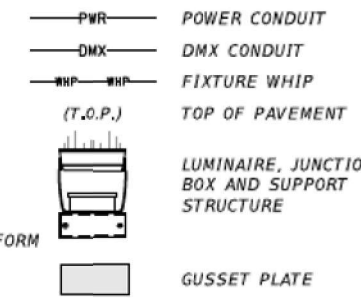
# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



- NOTES**
- SUPPORT CONDUIT FROM BOTTOM CHORD BEAM WITH GALVANIZED STEEL CHANNEL. SEE CONDUIT SUPPORT DETAIL, SHEET 156.
  - PROVIDE 18"x12"x6" 316 STAINLESS STEEL NEMA 4X JUNCTION BOX. SUPPORT FROM BOTTOM CHORD BEAM WITH GALVANIZED STEEL CHANNEL. ORIENT WITH COVER UP. DO NOT SPLICE IN JUNCTION BOX.
  - FIBER OPTIC CONDUIT AND JUNCTION BOXES NOT SHOWN. MOUNT CONDUIT ON SAME SUPPORT AS DMX AND POWER CONDUIT.
  - SECURE CBX TO COLUMN WITH GALVANIZED CHANNEL AND 1/2" THREADED ROD.
  - CBX AND CONDUIT ROUTING SHOWN IN ONE DETAIL FOR REFERENCE. OTHER LOCATIONS MAY REQUIRE CBX AND CONDUIT ROUTING SIMILAR TO THE ONE SHOWN. SEE SCHEMATIC DIAGRAM SHEETS FOR ALL LOCATIONS WITH CBX MOUNTING.
  - LUMINAIRE TYPE A. LOCATE TO ALIGN BEAM CENTER WITH CENTERLINE OF PARAPET WALL EXTERIOR SURFACE.
  - LUMINAIRE TYPE B. LOCATE TO CENTER WITH CENTERLINE OF COLUMN OR DIAGONAL.

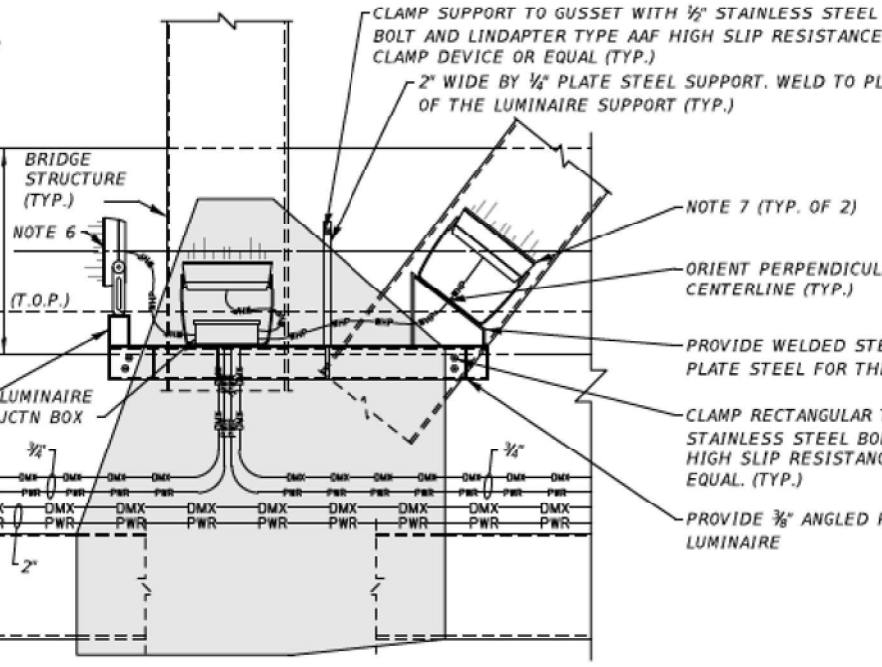
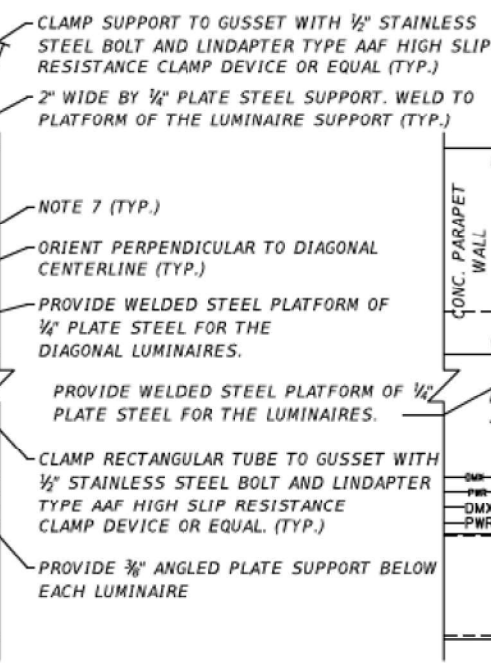
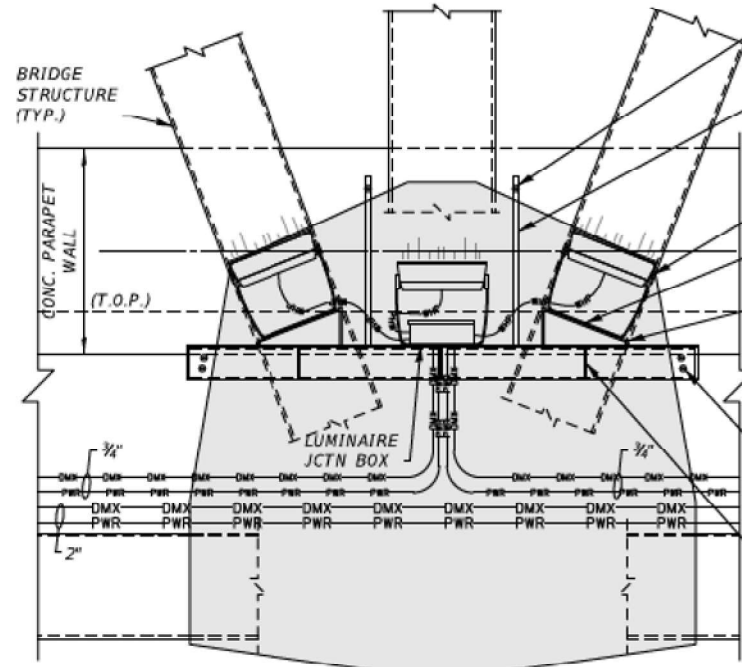
**LEGEND**



LUMINAIRE AND JUNCTION BOX MOUNTING DETAIL

LUMINAIRE AND JUNCTION BOX MOUNTING DETAIL

LUMINAIRE AND JUNCTION BOX MOUNTING DETAIL



LUMINAIRE AND JUNCTION BOX MOUNTING DETAIL

LUMINAIRE AND JUNCTION BOX MOUNTING DETAIL

F.A.I. 74 - SECTION 90(10D-1)BRR  
 PEORIA / TAZEWELL COUNTY  
 STATION 151+85  
 STRUCTURE NO. 090-001

### SN 090-001 (DECORATIVE LIGHTING PLANS)

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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

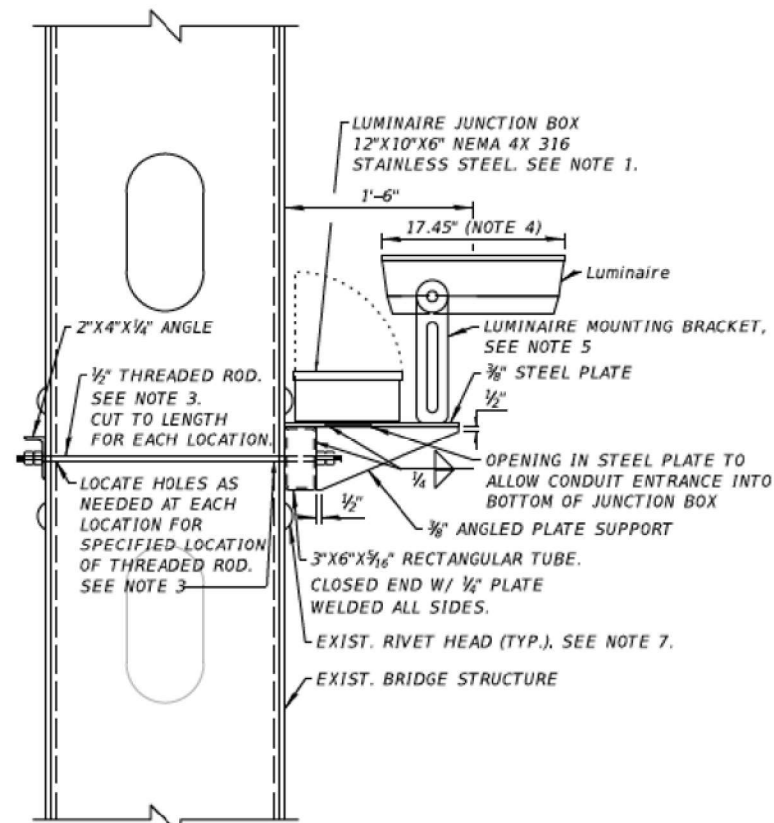
LOCATION 4 - STRUCTURE INFORMATION			
SCALE: N/A	SHEET 27	OF 29 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	36
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				



# FOR INFORMATION ONLY

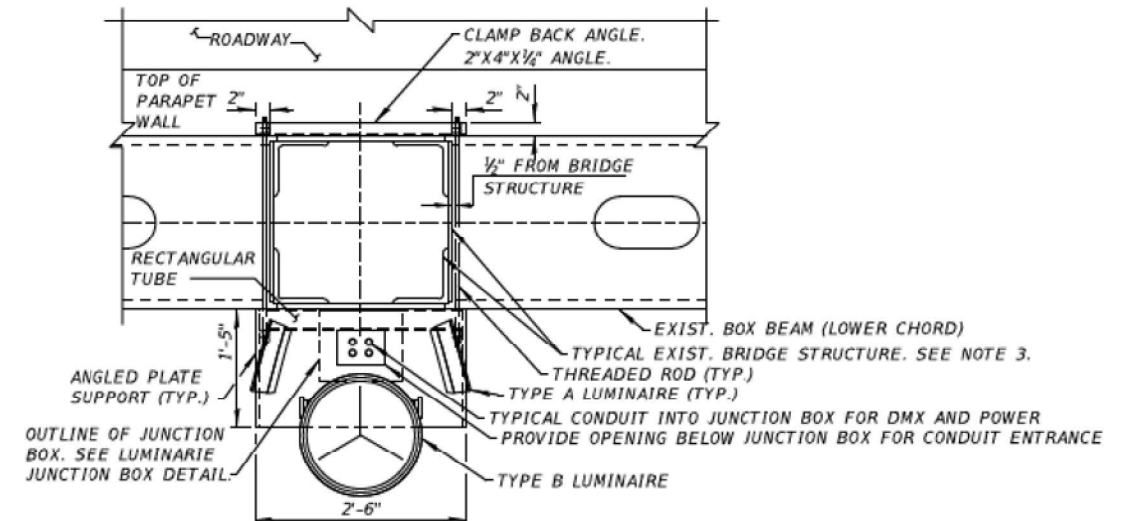
## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



LUMINAIRE SUPPORT TYPICAL DETAIL

### LUMINAIRE SUPPORT NOTES:

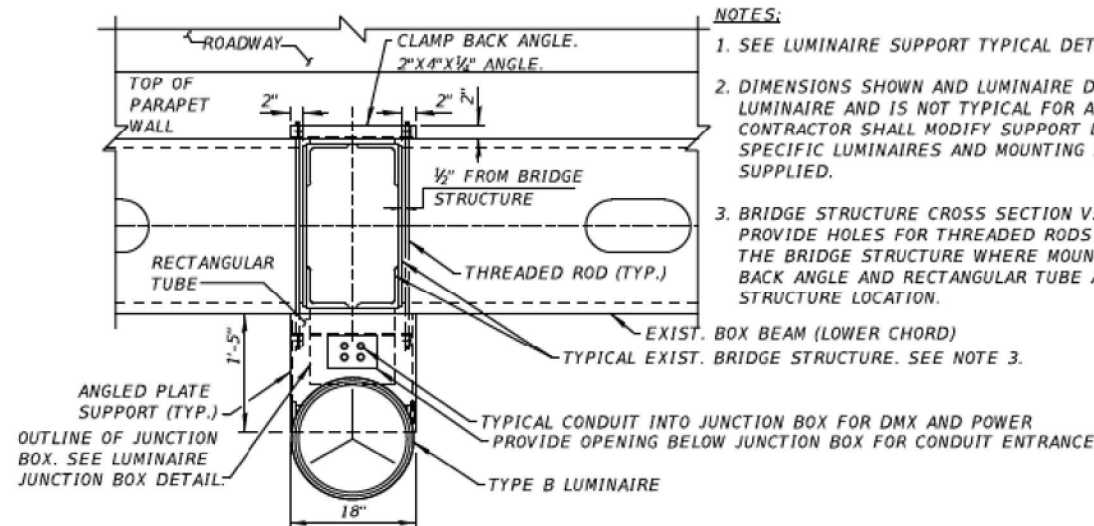
1. JUNCTION BOX SHALL HAVE HINGED COVER, SCREW CLAMP INNER STEEL PANEL, DIN RAIL MOUNTED TERMINAL STRIPS AND GROUNDED STEEL BARRIER TO SEPARATE TERMINALS FOR DMX WIRING AND LUMINAIRE POWER WIRING. SECURE TO PLATE WITH GALVANIZED FASTENERS. SECURE WITH THREAD LOCKING COMPOUND. SEE LUMINAIRE JUNCTION BOX DETAIL.
2. FABRICATE SUPPORT FROM WELDED CARBON STEEL PLATE AND STRUCTURAL STEEL SHAPES. GALVANIZE STEEL FABRICATION ANGLE AND ROD AFTER CUTTING AND WELDING.
3. LOCATE THREADED ROD 1/2" FROM BRIDGE STRUCTURE. DO NOT ALLOW ROD TO BE IN CONTACT WITH NOR FURTHER AWAY FROM THE STRUCTURE.
4. DIMENSION AND FIXTURE DETAIL SHOWN IS FOR ONE MANUFACTURERS LUMINAIRE AND IS NOT TYPICAL FOR ALL EQUIPMENT ALLOWED. CONTRACTOR SHALL MODIFY SUPPORT DESIGN TO ACCOMMODATE THE SPECIFIC LUMINAIRES AND MOUNTING DETAILS FOR LUMINAIRES SUPPLIED.
5. SECURE LUMINAIRE MOUNTING BRACKET TO PLATE WITH GALVANIZED HARDWARE. DOUBLE-NUT FASTENERS.
6. TIGHTEN THREADED RODS TO CLAMP SUPPORT SECURELY ON BRIDGE STRUCTURE. USE DOUBLE NUTS TO PREVENT SUPPORT FROM LOOSENING.
7. PROVIDE SHIM BETWEEN TUBE OR ANGLE AND BRIDGE SURFACE IF LOCATION IS IN CONFLICT EXISTING RIVETS. SHIM PLATE SHALL BE GALVANIZED STEEL OF SAME SIZE AS TUBE. DRILL HOLE THROUGH PLATE AT RIVET LOCATION.
8. PROVIDE 1/4" DIA. WEEP HOLES IN BOTTOM OF TUBE BELOW HOLES FOR THREADED ROD, ONE HOLE AT EACH LOCATION.



LUMINAIRE SUPPORT TYPE M2 PLAN DETAIL  
TYPE A AND TYPE B FIXTURE INSTALLATION

### NOTES:

1. SEE LUMINAIRE SUPPORT TYPICAL DETAIL FOR FABRICATION.
2. DIMENSIONS SHOWN AND LUMINAIRE DETAIL IS FOR ONE MANUFACTURERS LUMINAIRE AND IS NOT TYPICAL FOR ALL EQUIPMENT ALLOWED. CONTRACTOR SHALL MODIFY SUPPORT DESIGN TO ACCOMMODATE THE SPECIFIC LUMINAIRES AND MOUNTING DETAILS FOR THE LUMINAIRE SUPPLIED.
3. BRIDGE STRUCTURE CROSS SECTION VARIES AT EACH LOCATION. PROVIDE HOLES FOR THREADED RODS TO SUIT THE DIMENSIONS OF THE BRIDGE STRUCTURE WHERE MOUNTED. INCREASE WIDTH OF CLAMP BACK ANGLE AND RECTANGULAR TUBE AS NEEDED FOR BRIDGE STRUCTURE LOCATION.



LUMINAIRE SUPPORT TYPE M1 PLAN DETAIL  
TYPE B FIXTURE INSTALLATION

### NOTES:

1. SEE LUMINAIRE SUPPORT TYPICAL DETAIL FOR FABRICATION.
2. DIMENSIONS SHOWN AND LUMINAIRE DETAIL IS FOR ONE MANUFACTURERS LUMINAIRE AND IS NOT TYPICAL FOR ALL EQUIPMENT ALLOWED. CONTRACTOR SHALL MODIFY SUPPORT DESIGN TO ACCOMMODATE THE SPECIFIC LUMINAIRES AND MOUNTING DETAILS FOR THE LUMINAIRE SUPPLIED.
3. BRIDGE STRUCTURE CROSS SECTION VARIES AT EACH LOCATION. PROVIDE HOLES FOR THREADED RODS TO SUIT THE DIMENSIONS OF THE BRIDGE STRUCTURE WHERE MOUNTED. INCREASE WIDTH OF CLAMP BACK ANGLE AND RECTANGULAR TUBE AS NEEDED FOR BRIDGE STRUCTURE LOCATION.

F.A.I. 74 - SECTION 90(10D-1)BRR  
PEORIA / TAZEWELL COUNTY  
STATION 151+85  
STRUCTURE NO. 090-0001

## SN 090-0001 (DECORATIVE LIGHTING PLANS)

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

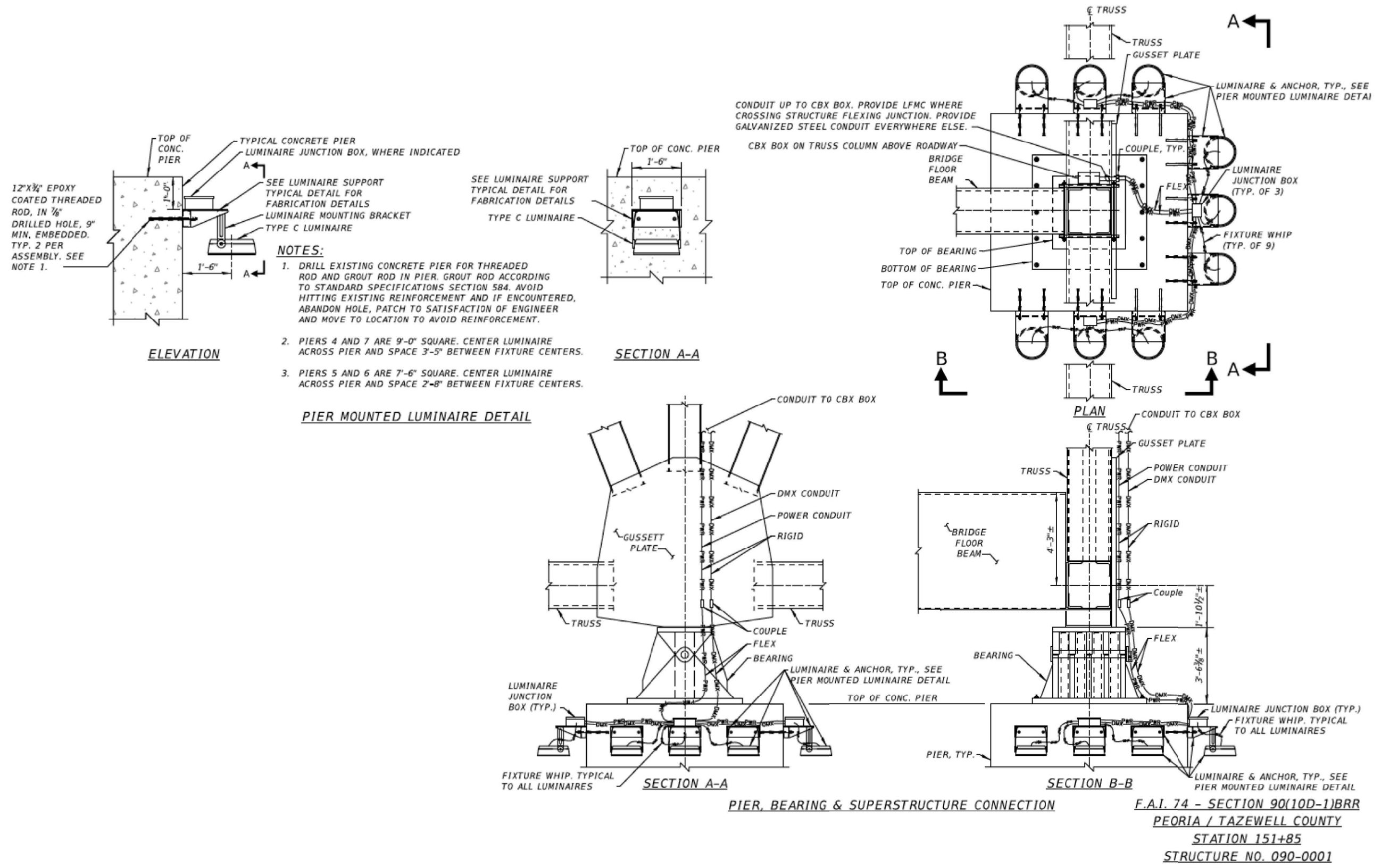
LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 28 OF 29 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	37
			CONTRACT NO. 68J35	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## LOCATION 4 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL - PEORIA RAILROAD



### SN 090-0001 (DECORATIVE LIGHTING PLANS)

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PLOT DATE = 10/10/2024	CHECKED - TBP	REVISED -
	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 4 - STRUCTURE INFORMATION

SCALE: N/A SHEET 29 OF 29 SHEETS STA. TO STA.

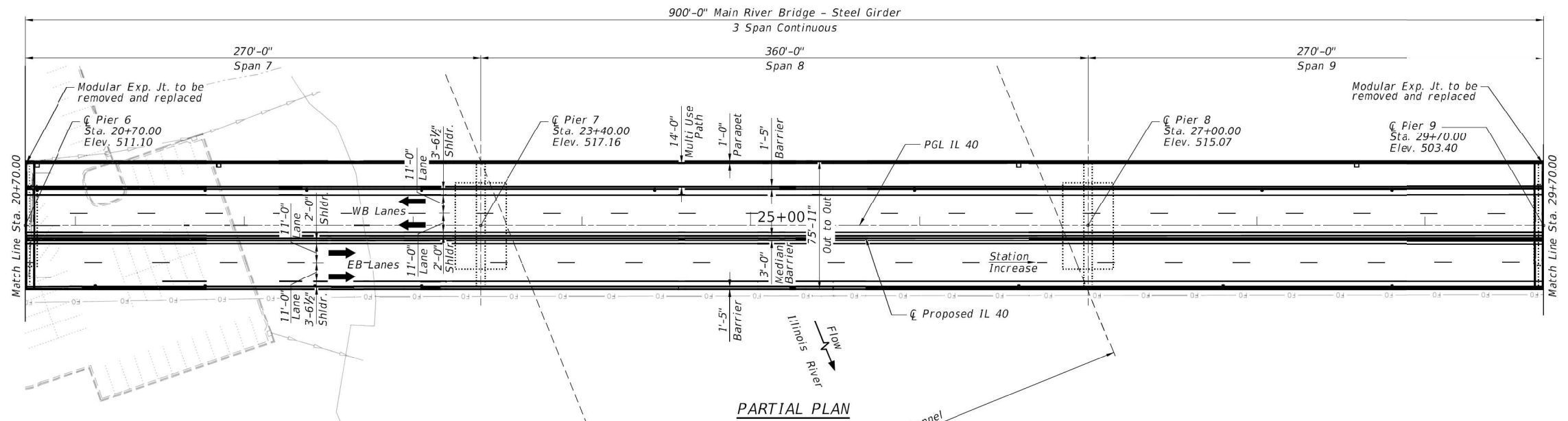
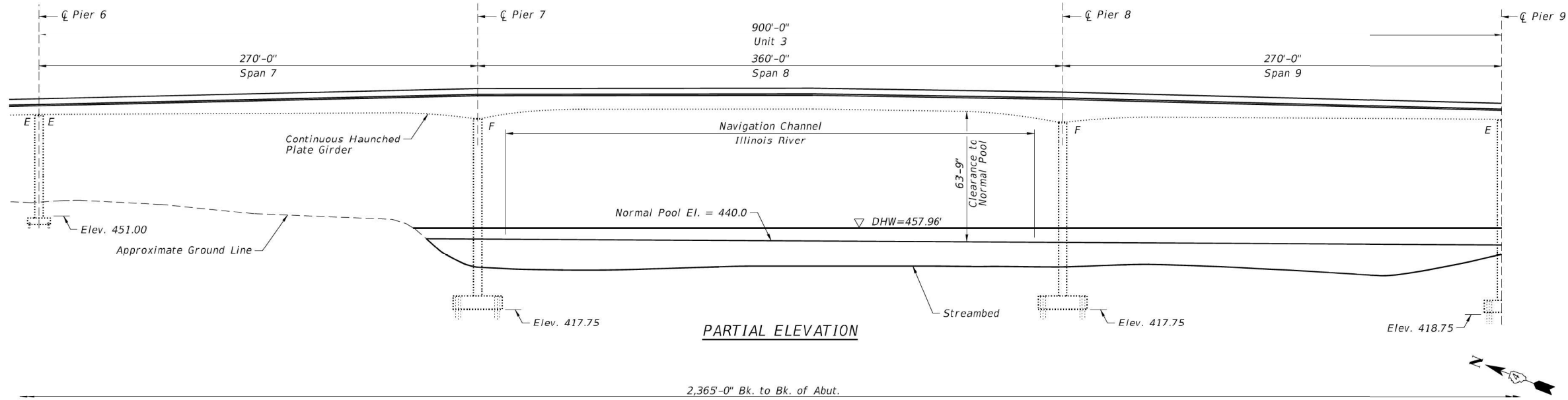
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	38
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				





# FOR INFORMATION ONLY

## LOCATION 5 – IL 40 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



**PROPOSED CL BARRIER WALL**

Location	Station	Offset
Start Transition	16+38.25	7.54' Rt.
Kink	15+20.21	8.05' Rt.
End Deck	14+05.48	2.41' Rt.
End Approach	13+74.02	1.51' Rt.

**PROPOSED CL BARRIER WALL**

Location	Station	Offset
Start Transition	35+75.76	7.50' Rt.
End Wall	36+75.81	4.16" Rt.

**NOTE:**  
1. Dimensions of existing elements to remain are taken from existing plans.

**GENERAL PLAN (2 OF 3)**  
**IL 40 OVER ILLINOIS RIVER**  
**(PUBLIC WATERS)**  
**FAP 404 SEC. 50 (BDR, BJR, BRR, L)**  
**PEORIA AND TAZEWELL COUNTIES**  
**STATION 25+20**  
**STRUCTURE NO. 090-0122**

### SN 090-0122 (SPANS 7 THRU 9)

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	DRAWN - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION 5 – STRUCTURE INFORMATION**

SCALE: N/A    SHEET 2 OF 3 SHEETS    STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68J35	

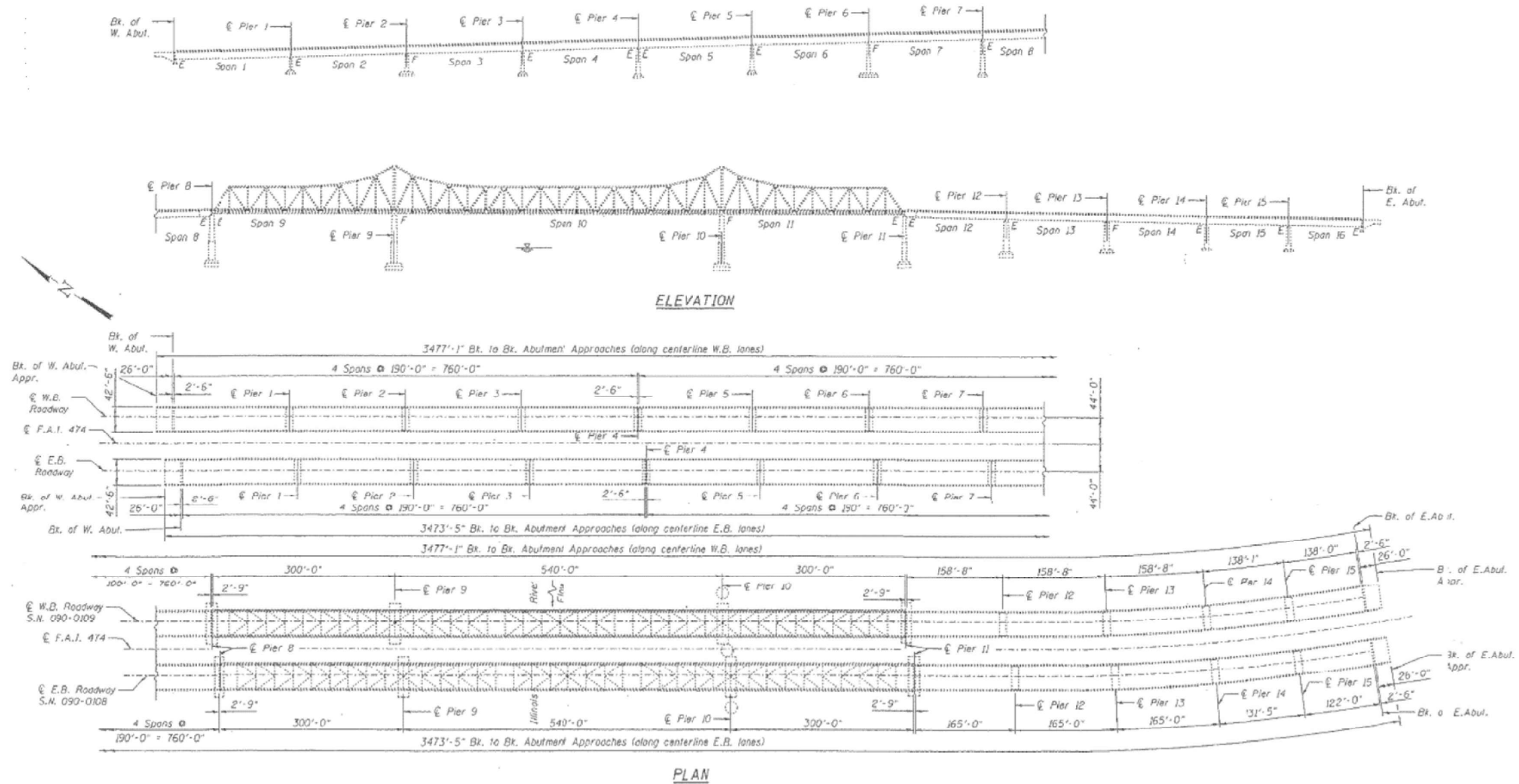






# FOR INFORMATION ONLY

## LOCATION 6 – EB (SN 090–0108) I-474 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD LOCATION 7 – WB (SN 090–0109) I-474 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



### SN 090–0108 (EB) & 090–0109 (WB)

MODEL: D:\p4\11... FILE NAME: P:\2025\14 CAD - Bridge Washing (FY 2025)\14 CAD - DIV\04.7 Top\CADD\_Sheet\0468035-struct\detail.dwg



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	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

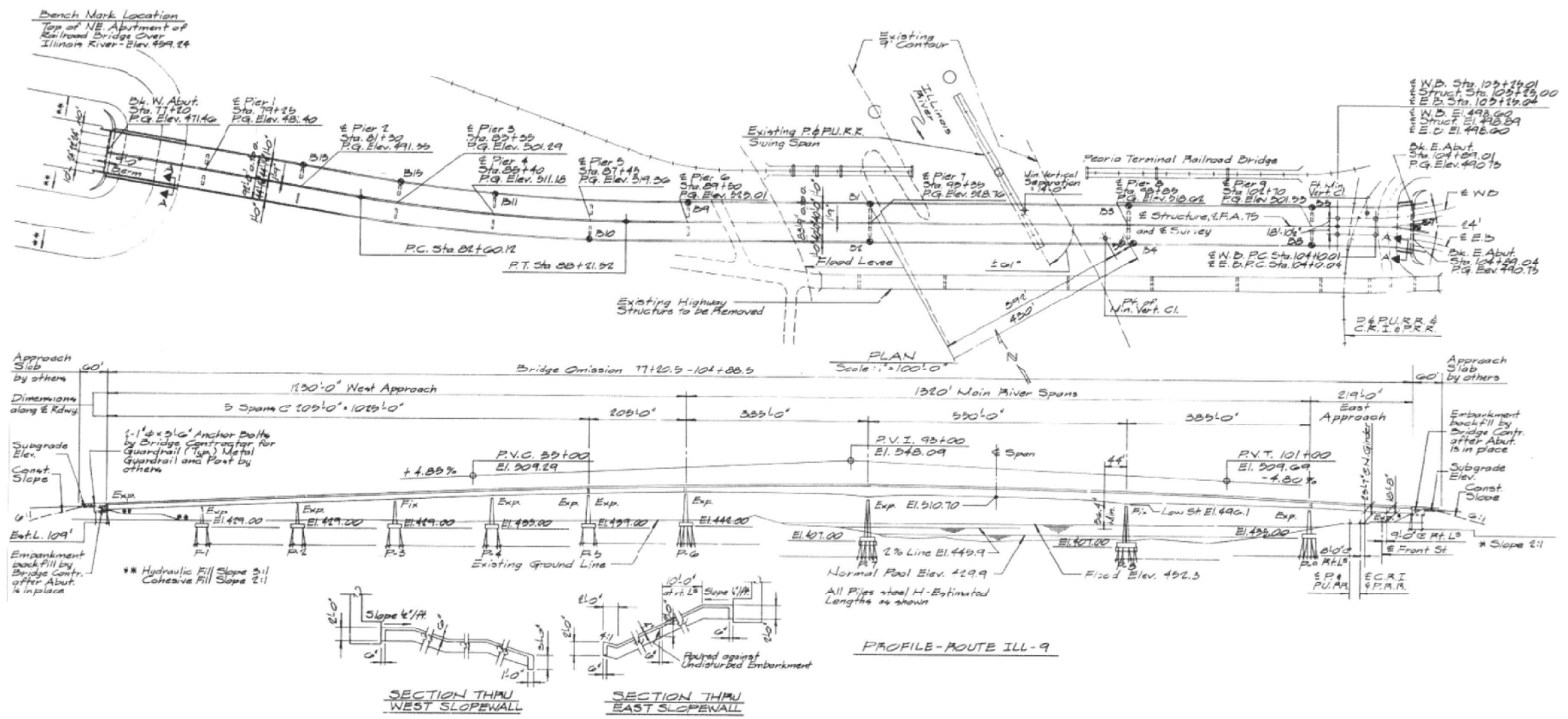
LOCATION 6 & 7 – STRUCTURE INFORMATION

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	42
CONTRACT NO. 68J35				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

LOCATION 8 – IL 9 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



SN 090-0114

MODEL: D:\proj\11\110000\110000.dwg; FILE: NAME: P:\2023\230928\11 - 8460 - Washing (FY 2023)\11 CAD - DIV\11.7 Top\CADD\_Sheet\110000-struct-structural\_details.dwg

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USER NAME = dlcc	DESIGNED - JCL	REVISED -
DRAWN - JCL	REVISED -	
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/10/2024	DATE - JULY 2024	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 8 – STRUCTURE INFORMATION			
SCALE: N/A	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2025	VARIOUS	44	43
CONTRACT NO. 68J35			ILLINOIS FED. AID PROJECT	

