

F.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	1
ILLINOIS			CONTRACT NO. 68K11	

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES AND COMMITMENTS
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**HIGHWAY STANDARDS**

- 000001-09 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' (4.5mm) 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
- 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
- 701901-11 TRAFFIC CONTROL DEVICES

**TRAFFIC DATA - ADT**

- LOCATION 1 - 2200 (2021)
- LOCATION 2 - 7000 (2021)
- LOCATION 3 - 64700 (2023)
- LOCATION 4 - 15300 (2021)
- LOCATION 5 - 12800 (2023)
- LOCATION 6 - 12800 (2023)
- LOCATION 7 - 12100 (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.

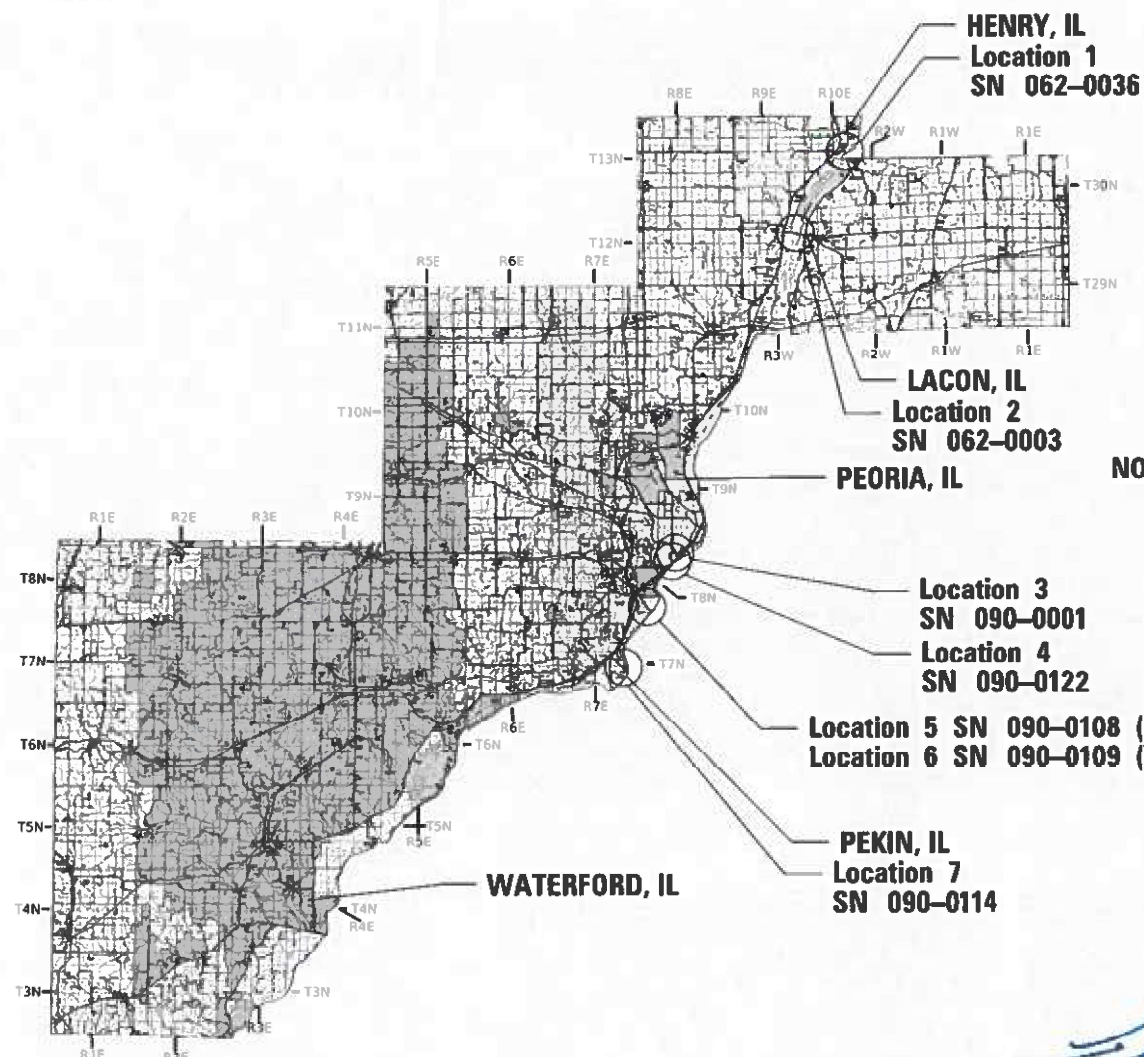
**J.U.L.I.E.**  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
 1-800-892-0123  
 OR 811

**PROJECT ENGINEER: BEN TELLEFSON**  
**PROJECT MANAGER: MARK ECKHOFF**  
**CONTRACT NO. 68K11**  
**CATALOG NO. 036648-00D**

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

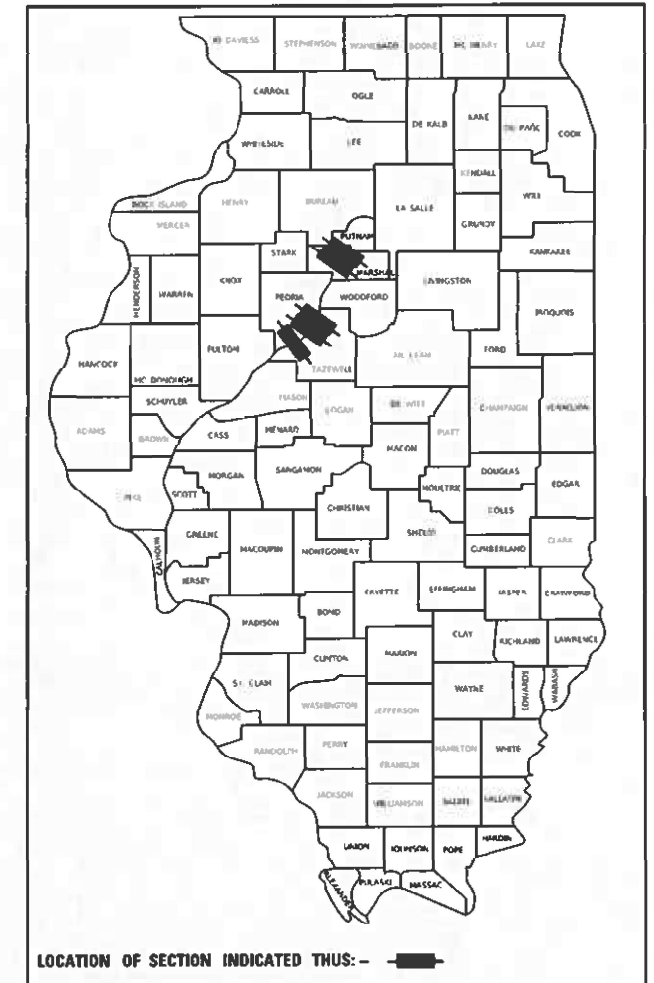
**PROPOSED**  
**HIGHWAY PLANS**  
 (VAR) ROUTE VARIOUS  
**SECTION D4 BRIDGE WASHING 2026**  
**BRIDGE WASHING OVER**  
**ILLINOIS RIVER AND RAILROAD**  
**VARIOUS COUNTIES**

C-94-060-25



N  
 NOT TO SCALE

D-94-046-25



**PLANS PREPARED BY:**  
  
 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 October 14 20 25  
Kensil A. Danforth  
 REGIONAL ENGINEER

January 23 20 26  
Scott A. Etkin  
 ENGINEER OF DESIGN AND ENVIRONMENT

January 23 20 26  
Timothy B. Padgett  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**TIMOTHY B. PADGETT, P.E.** EXPIRATION DATE  
 LICENSE NO. 062-049162 11-30-2027

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**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] 090-0001, 090-0122, 090-0108, 090-0109, AND 090-0114: RR PROTECTIVE LIABILITY INSURANCE (RRPLI) IS REQUIRED. ALSO RIGHT OF ENTRY PERMITS, RAILROAD SAFETY TRAINING, AND RR FLAGMEN DURING WORK OVER THE RR MAY BE REQUIRED. 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:  
"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 3:  
SEE SPECIAL PROVISIONS CONCERNING WASHING THE DECORATIVE LIGHTING SYSTEM AND INSPECTIONS.

LOCATION 4:  
THE SIDEWALKS APPROACHING THE STRUCTURE ARE 4" THICK PCC. APPROPRIATELY SIZED EQUIPMENT SHALL BE USED TO NOT DAMAGE THESE SIDEWALKS.

LOCATION 5, 6, & 7:  
SURFACE FILLER (SPECIAL) AND PROTECTIVE COAT (SPECIAL) SHALL BE APPLIED TO THE BRIDGE PARAPETS AND APPROACH PARAPETS. SEE DETAILS.

**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)	701400	701401 (L SUM)	701406 (L SUM)	701411 (EACH)	701422 (L SUM)	701428	701501 (L SUM)	701502 (L SUM)	701601 (L SUM)	701801 (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	FAI 74				X	X		X	X		3		X				
	NE WASHINGTON ST				X	X									X		
	NE WATER STREET	X	X	X									X				X
	SHARED USE PATHS																X
LOCATION #4	BASS PRO DR	X	X	X									X				
	IL 40				X	X					2				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 #5 & #6	EB FAI 474				X	X		X	X	X			X				
	WB FAI 474				X	X		X	X	X	2		X				
	WESLEY RD	X	X	X									X				
LOCATION #7	IL 9				X	X						X				X	
	CARGILL RD	X	X	X									X				
	N FRONT ST	X	X	X									X				
	SHARED USE PATH																X
TOTAL							1		1	1	7	1		1	1	1	1

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	DRAWN - JCL	REVISED -
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PLOT DATE = 10/7/2025	DATE - JULY 2025	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 2026	VARIOUS	42	2
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	



CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4	LOCATION 5	LOCATION 6	LOCATION 7	
				IL 18	IL 17	I-74	IL 40	EB I-474	WB I-474	IL 9	
				SN 062-0036	SN 062-0003	SN 090-001	SN 090-0122	SN 090-0108	SN 090-0109	SN 090-0114	
MARSHALL	MARSHALL	TAZEWELL	TAZEWELL	TAZEWELL	TAZEWELL	TAZEWELL					
RURAL	RURAL	URBAN	URBAN	URBAN	URBAN	URBAN					
100% STATE	100% STATE	100% STATE	100% STATE	100% STATE	100% STATE	100% STATE					
0047	0047	0047	0047	0047	0047	0047					
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1				1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1			0.33	0.33				0.34
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1			0.33	0.34				0.33
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	36	6	6	6	6	3	3		6
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1			0.5	0.5				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			0.2	0.2	0.2	0.2		0.2
X0326444	SURFACE FILLER (SPECIAL)	GALLON	51					15	15		21
X0328036	WASH DECORATIVE LIGHTING SYSTEM	L SUM	1			1					
X5030550	PROTECTIVE COAT (SPECIAL)	SQ YD	15192					4448	4453		6291

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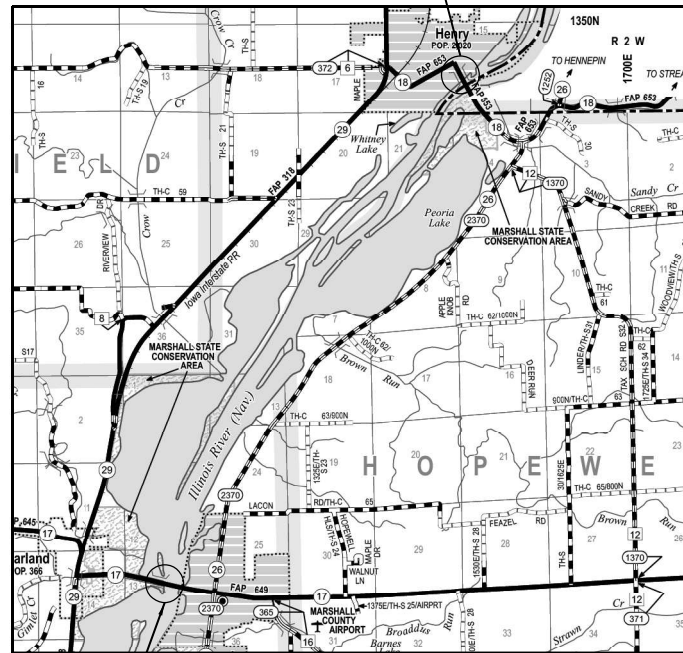
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

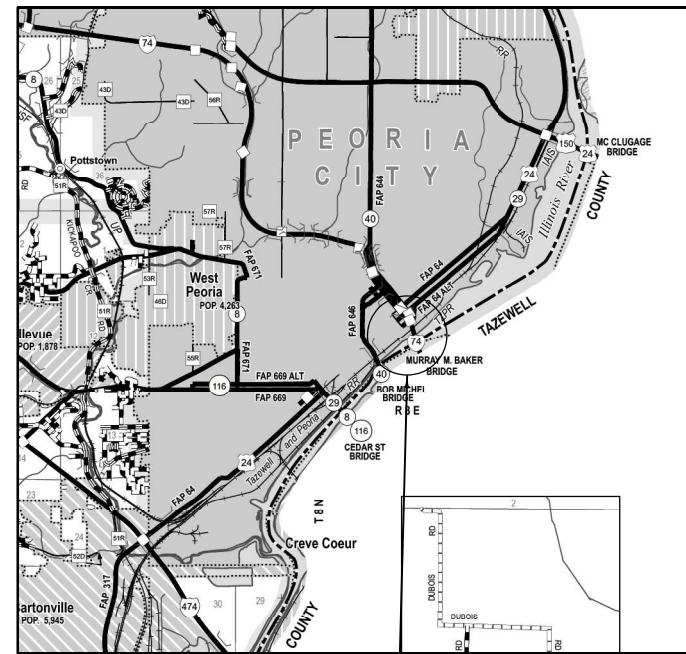
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	4
			CONTRACT NO. 68K11	
ILLINOIS CONTRACT MAINTENANCE				

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

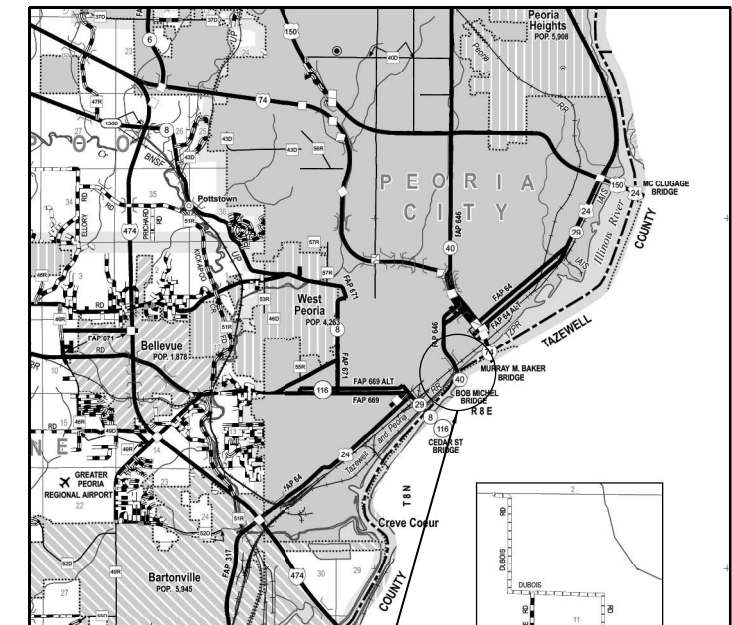


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**LOCATION 3**  
**SN 090-0001 (MURRAY BAKER BRIDGE)**  
**I-74 OVER ILLINOIS RIVER, WASHINGTON ST, NE WATER ST,**  
**BASS PRO DR, SIDEWALKS & SHARED-USE PATHS &**  
**TAZEWELL - PEORIA RAILROAD**  
**TAZEWELL / PEORIA COUNTIES**

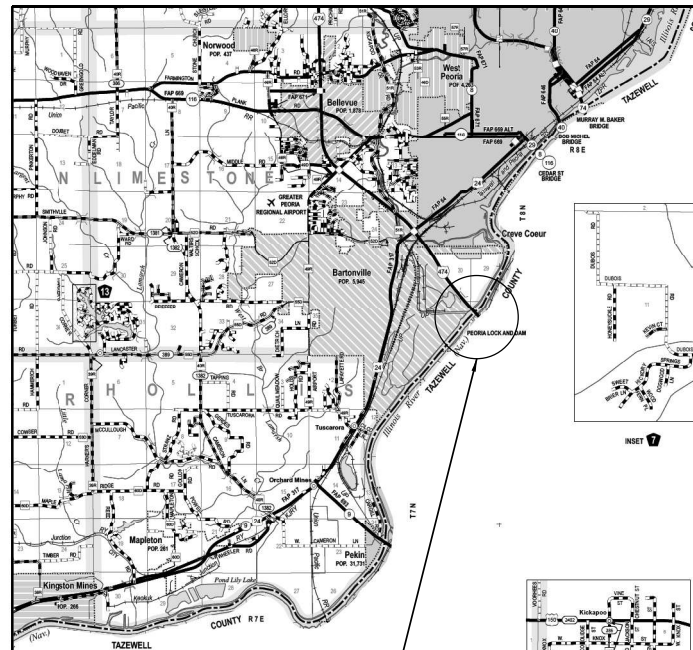
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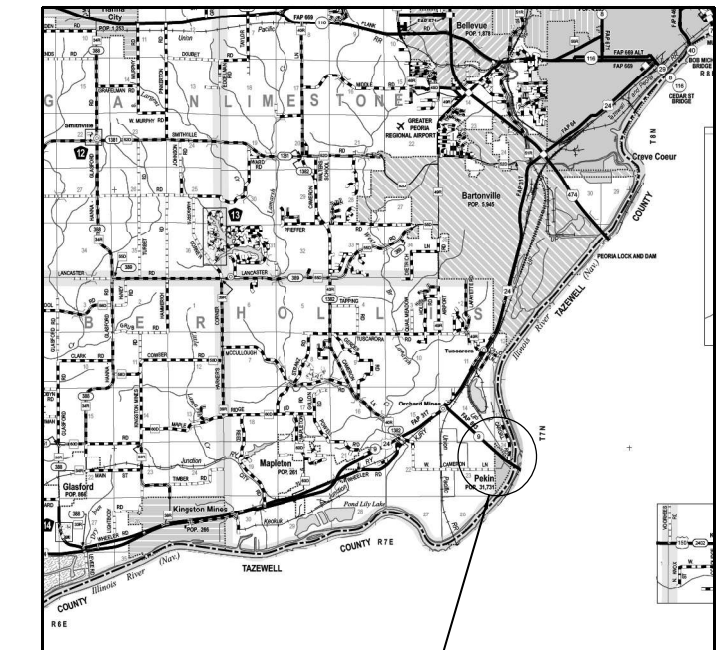
**LOCATION 4**  
**SN 090-0122 (BOB MICHEL BRIDGE)**  
**IL 40 OVER ILLINOIS RIVER, WASHINGTON ST, SW WATER**  
**ST, CONFERENCE CENTER DR, SIDEWALKS &**  
**SHARED-USE PATHS & TAZEWELL - PEORIA RAILROAD**  
**TAZEWELL / PEORIA COUNTIES**

N  
 NOT TO SCALE

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



N  
 NOT TO SCALE



**LOCATION 7**  
**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**

N  
 NOT TO SCALE

**Location 5**  
**SN 090-0108 (EB)**  
**(SHADE-LOHMANN BRIDGE)**  
**EB I-474 OVER ILLINOIS RIVER, WESLEY RD &**  
**TAZEWELL - PEORIA RAILROAD, & SHARED-USE PATHS**  
**TAZEWELL / PEORIA COUNTIES**

**Location 6**  
**SN 090-0109 (WB)**  
**(SHADE-LOHMANN BRIDGE)**  
**WB I-474 OVER ILLINOIS RIVER, WESLEY RD &**  
**TAZEWELL - PEORIA RAILROAD, & SHARED-USE PATHS**  
**TAZEWELL / PEORIA COUNTIES**

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PLOT DATE = 10/7/2025	DATE - JULY 2025	REVISED -

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

**LOCATION MAP**  
**STRUCTURE LOCATIONS 1, 2, 3, 4, 5, 6, & 7**

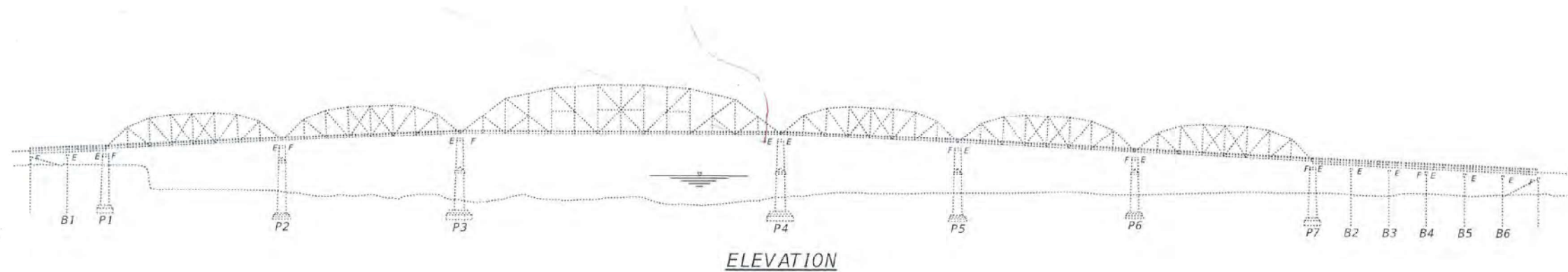
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VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	5
ILLINOIS			CONTRACT NO. 68K11	
			CONTRACT MAINTENANCE	

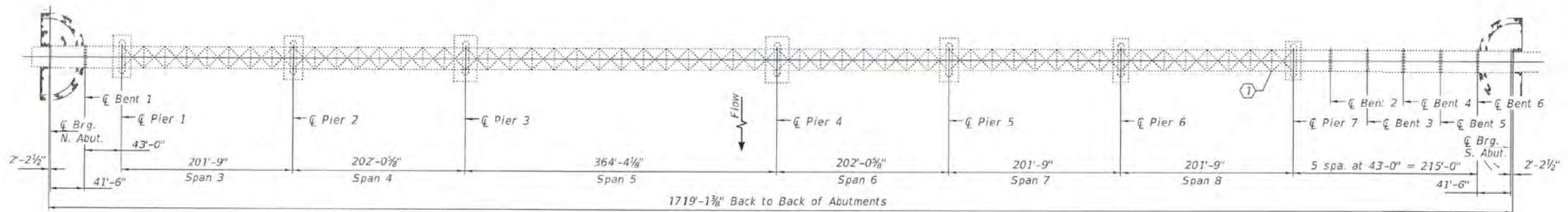


# FOR INFORMATION ONLY

## 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  $\frac{1}{16}$ " , 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.

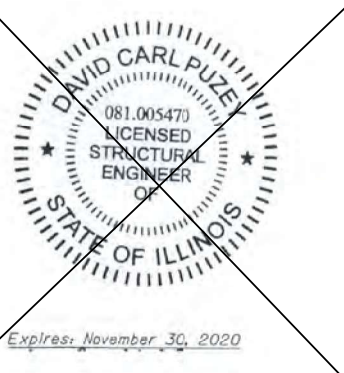
Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

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~~

<del>ITEM</del>	<del>UNIT</del>	<del>QUANTITY</del>
<del>Structural Steel Repair</del>	<del>Pound</del>	<del>200</del>



## SN 062-0036

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	DATE - JULY 2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

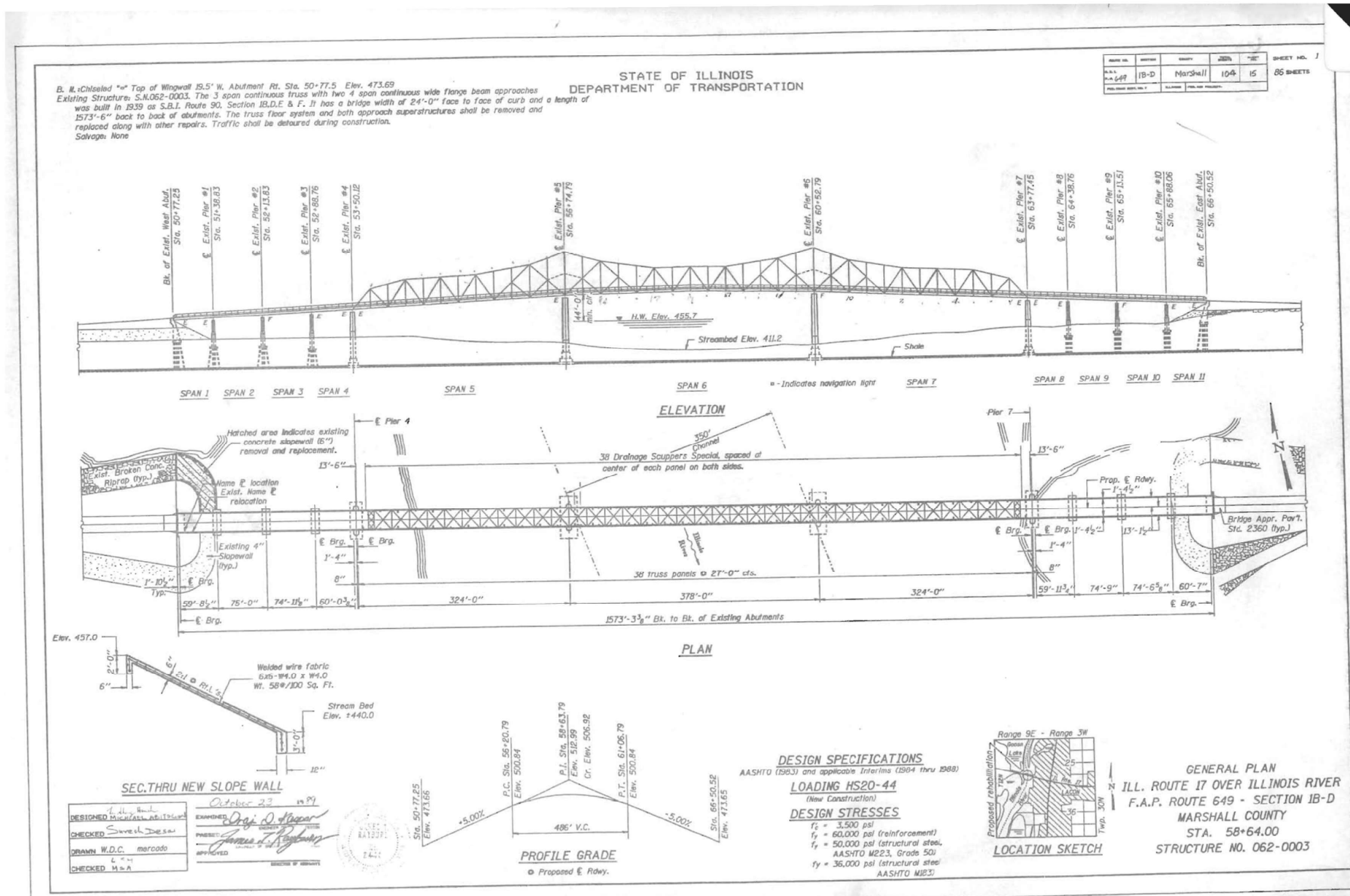
**LOCATION 1 – STRUCTURE INFORMATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	7
CONTRACT NO. 68K11				
ILLINOIS		CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 2 – IL 17 OVER ILLINOIS RIVER



### SN 062-0003

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

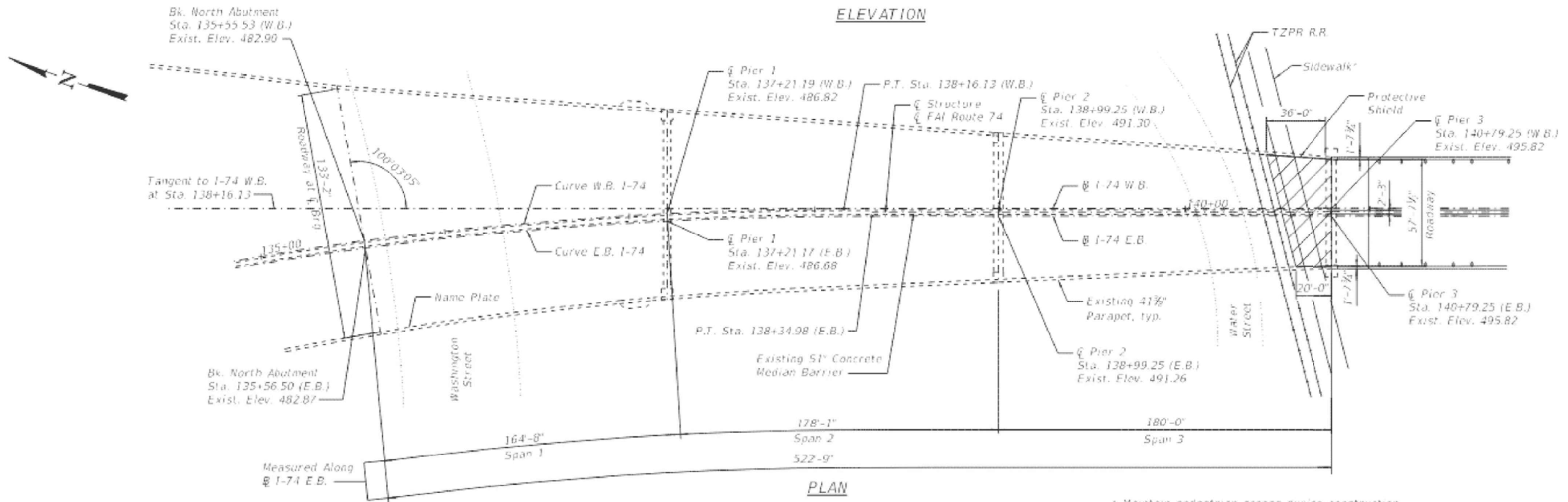
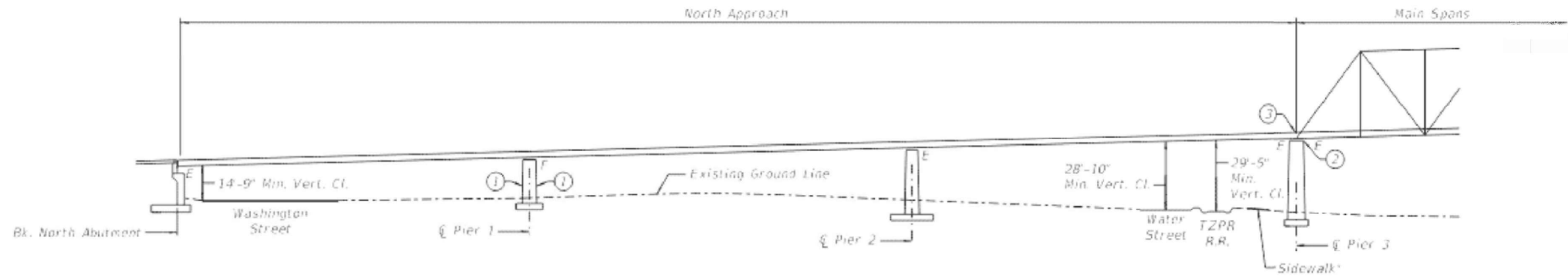
**LOCATION 2 – STRUCTURE INFORMATION**

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	8
			CONTRACT NO. 68K11	
		ILLINOIS CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL - PEORIA RAILROAD



\* Maintain pedestrian access during construction.

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

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PLOT DATE = 10/3/2025	DATE - JULY 2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

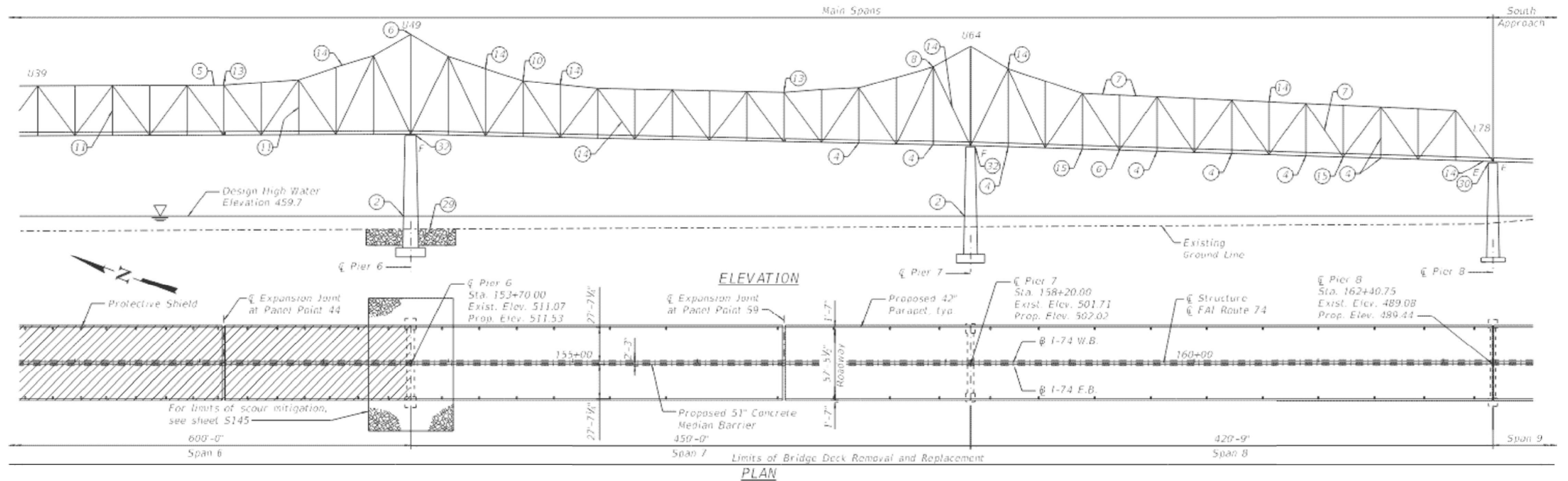
**LOCATION 3 - STRUCTURE INFORMATION**

SCALE: N/A    SHEET 1 OF 29 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	9
CONTRACT NO. 68K11				
ILLINOIS		CONTRACT MAINTENANCE		



**FOR INFORMATION ONLY**  
**LOCATION 3 (I-74) MURRAY BAKER BRIDGE OVER**  
**ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD**



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

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	DATE - JULY 2025	REVISED -

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

**LOCATION 3 – 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 2026	VARIOUS	42	11
CONTRACT NO. 68K11				
ILLINOIS CONTRACT MAINTENANCE				

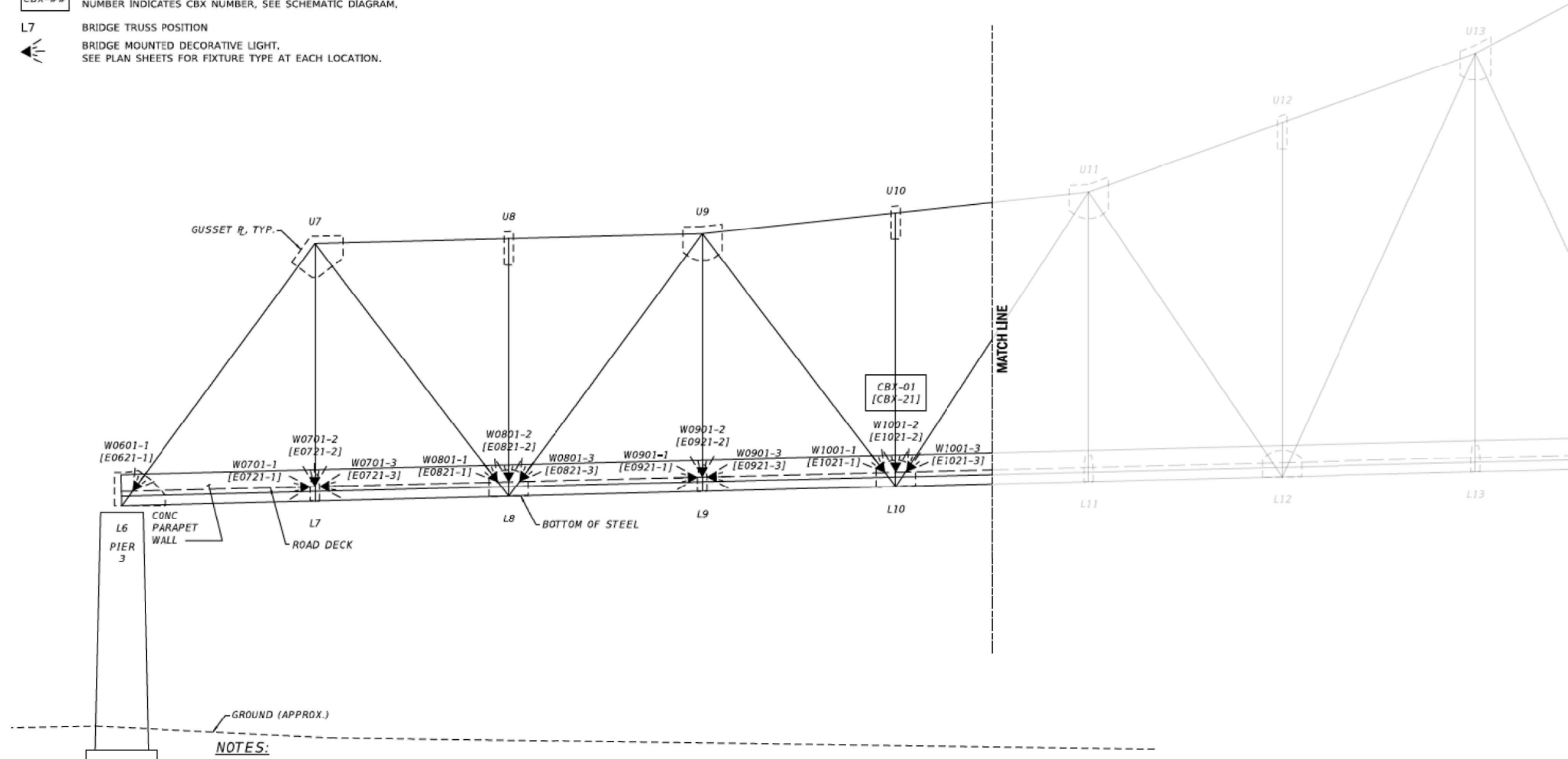


# FOR INFORMATION ONLY

## LOCATION 3 (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\230984\... Bridge Washing (Y: 2026)\4 CAD...\_DWG\4.7\_Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### LOCATION 3 - STRUCTURE INFORMATION

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

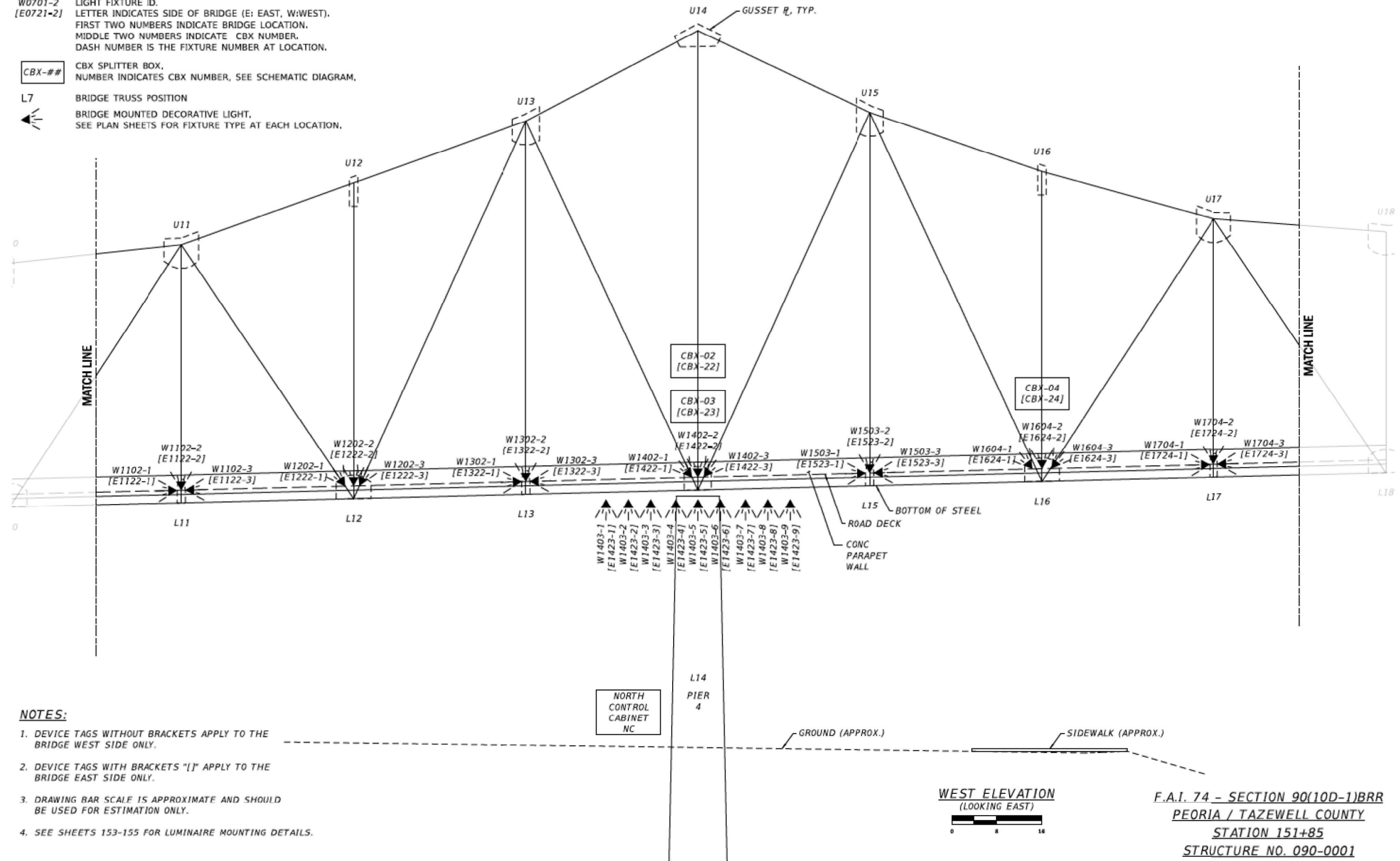
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	13
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

## LOCATION 3 (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)

MODEL: D:\p4\h\... FILE NAME: P:\2023\230984V - Bridge Washing (Y 2026)\4 CAD - DWG\4.7 TranCAD\Sheet\048805-struct\details.dgn



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION

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

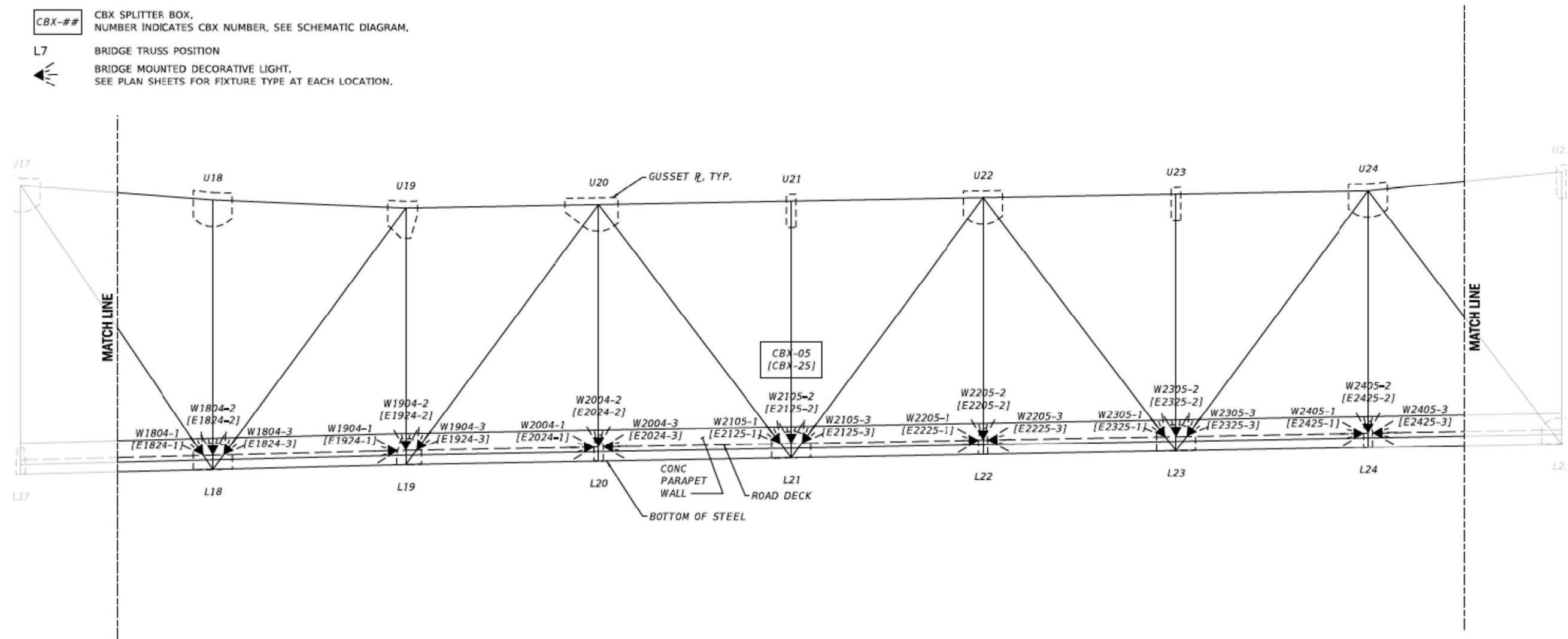
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	14
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

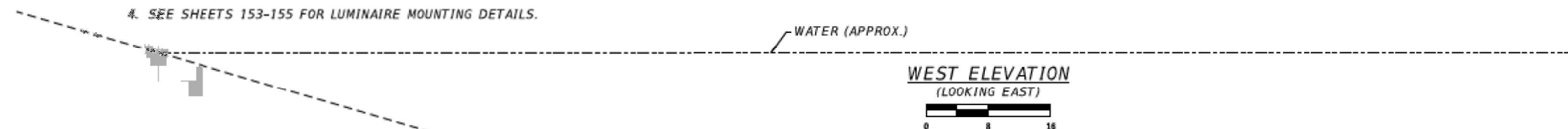
### LEGEND

- 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)

MODEL: D:\p\h\... FILE NAME: P:\2023\230984\... Bridge Washing (Y 2026)\4 CAD - DWG\4.7 Truss\000\_Sheet\048805-struct\details.dgn



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

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

### LOCATION 3 - STRUCTURE INFORMATION

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

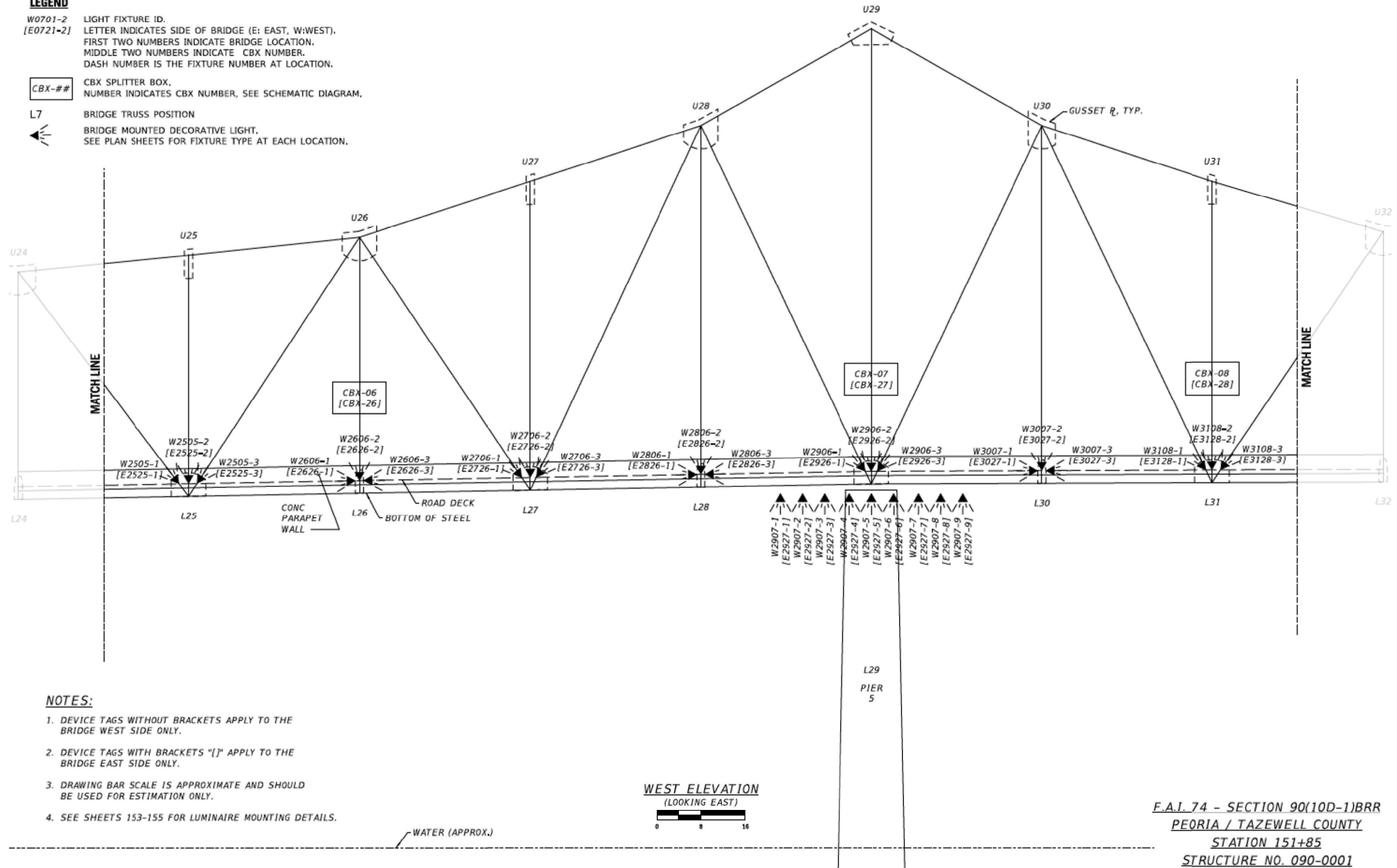
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	15
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (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\230984\... Bridge Washing (Y 2026)4 CAD... DWG: 4.7 TranCAD... Sheet: 048805-struct-structure\_details.dgn



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/3/2025	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION

SCALE: N/A SHEET 8 OF 29 SHEETS STA. TO STA.

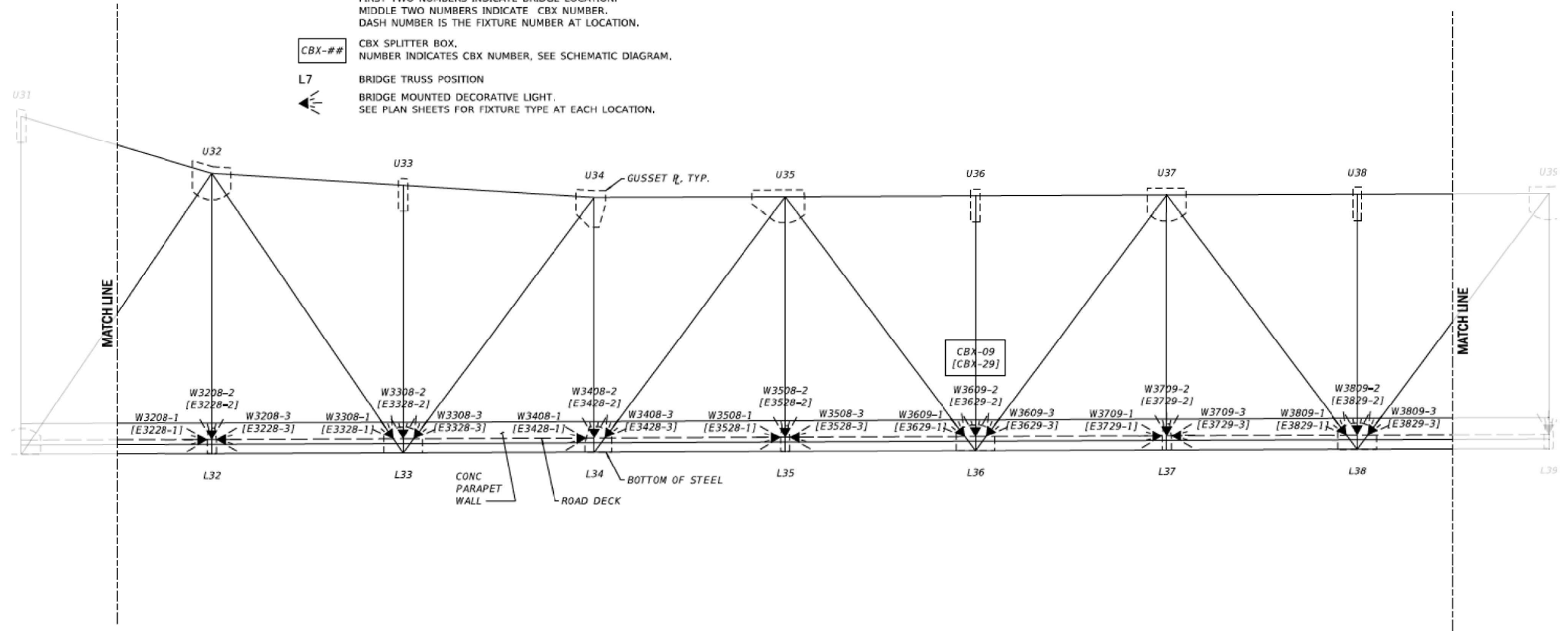
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	16
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (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 = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION

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

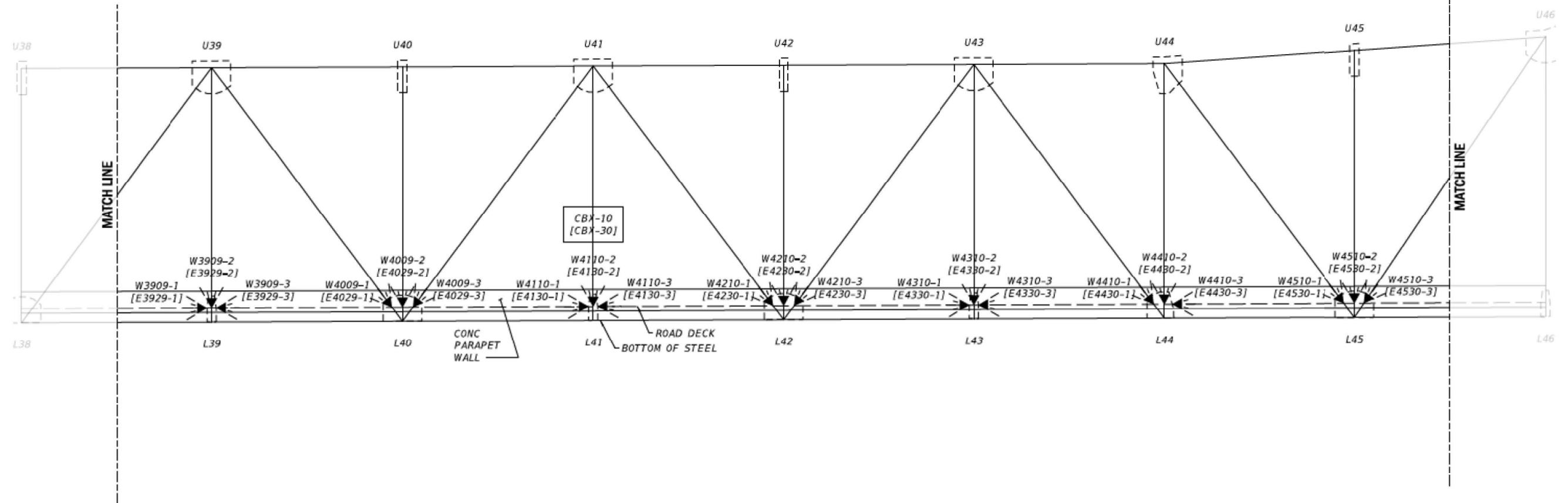
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	17
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

## LOCATION 3 (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 "[E]" 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:\p4\11... FILE NAME: P:\2023\230984\... Bridge Washing (Y 2026)4 CAD...\_DWG\4.7\_Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 – 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 2026	VARIOUS	42	18
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD

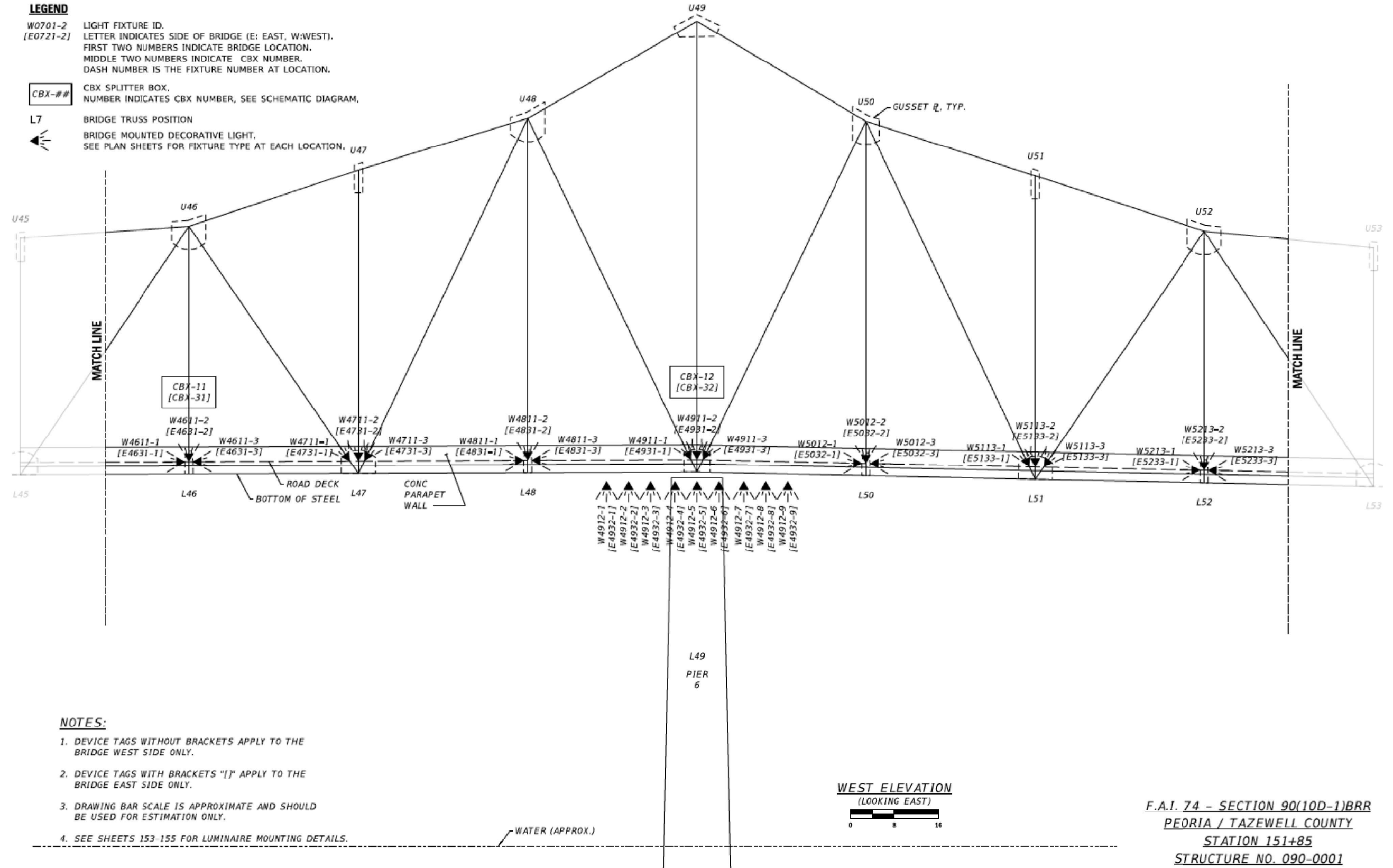
### LEGEND

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)

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PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION

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

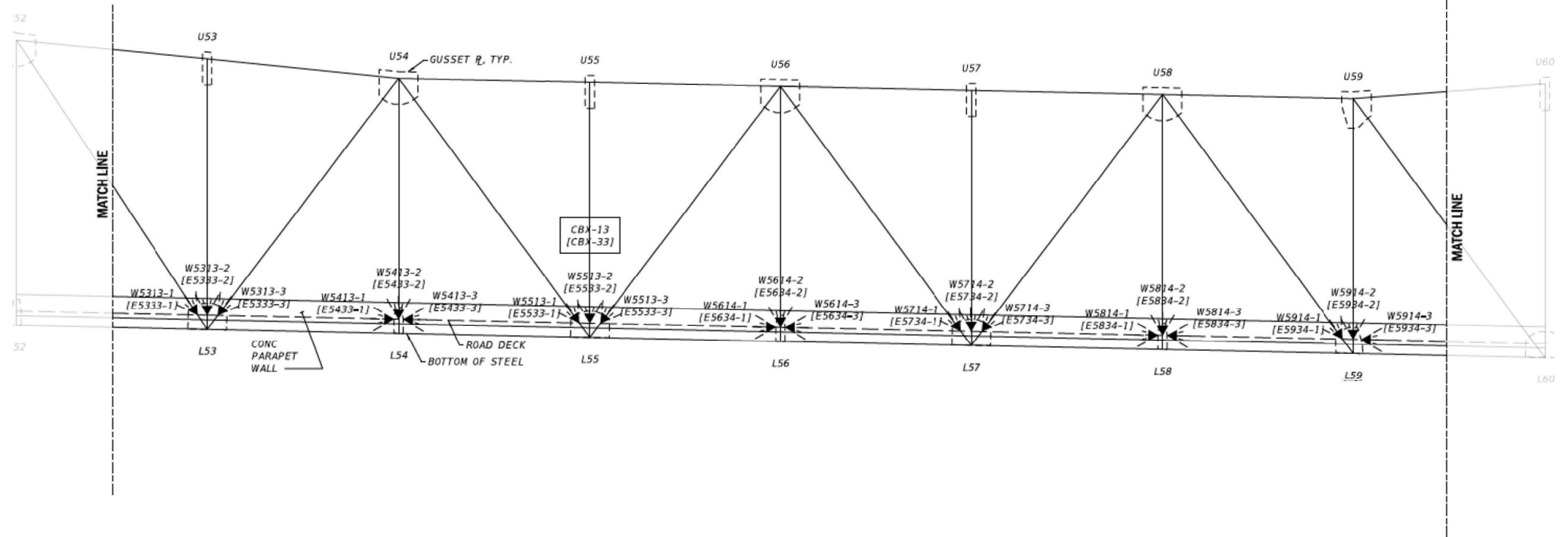
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	19
			CONTRACT NO. 68K11	
		ILLINOIS CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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\230984V - Bridge Washing (Y 2026)\4 CAD - DWG\4.7 TranCAD\_Sheet\048805-struct\details.dgn



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION

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

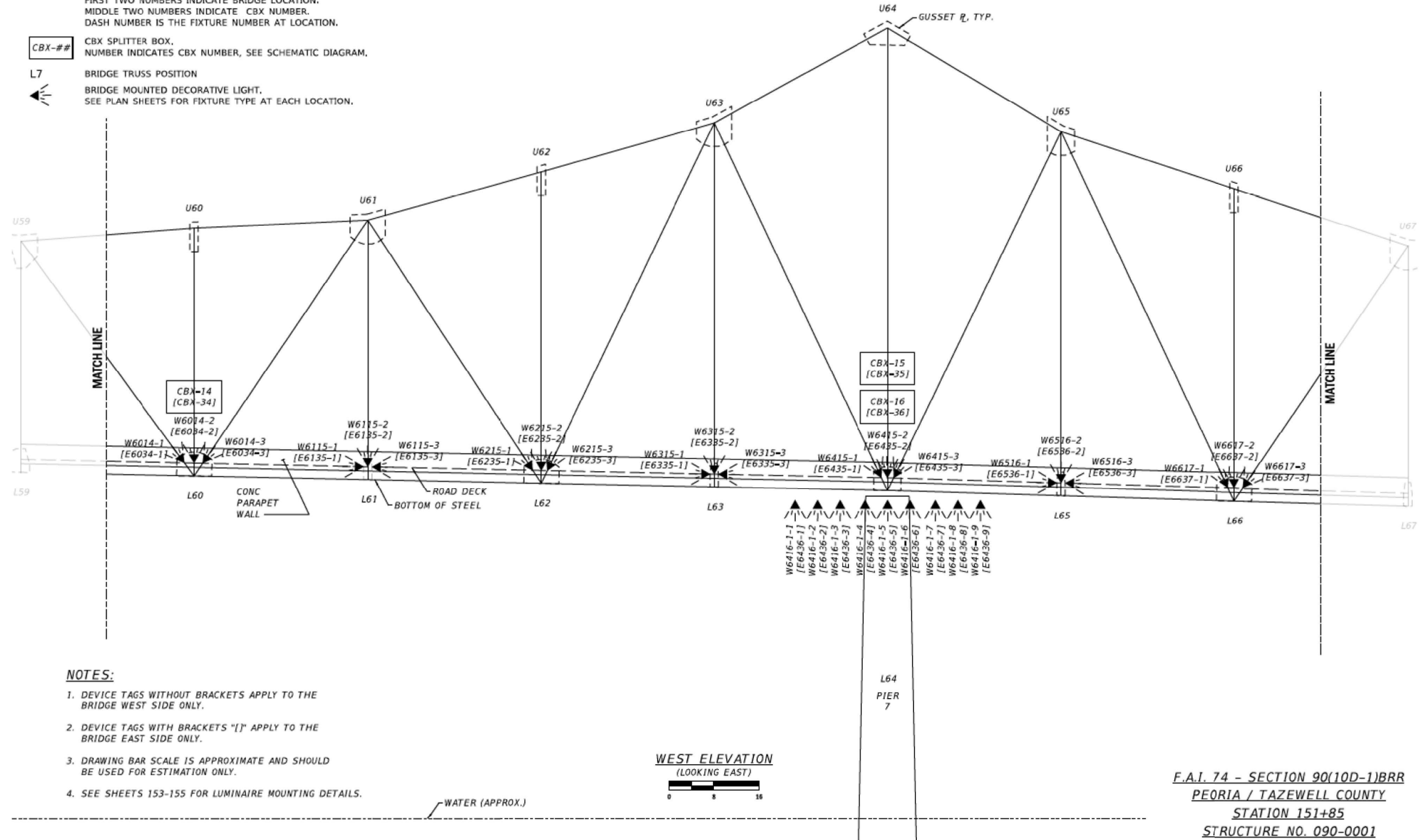
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	20
			CONTRACT NO. 68K11	
		ILLINOIS CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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.

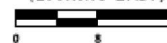


### NOTES:

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\... FILE NAME: P:\2023\230984\... Bridge, Washing (Y: 2026) \4 CAD... DWG\4.7 Tran\CADD\_Sheet\048805-shr-structural\_details.dwg

**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
 www.twm-inc.com  
 ILL. DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME = dlce	DESIGNED - JCL	REVISED -
	DRAWN - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/3/2025	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### LOCATION 3 - STRUCTURE INFORMATION

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

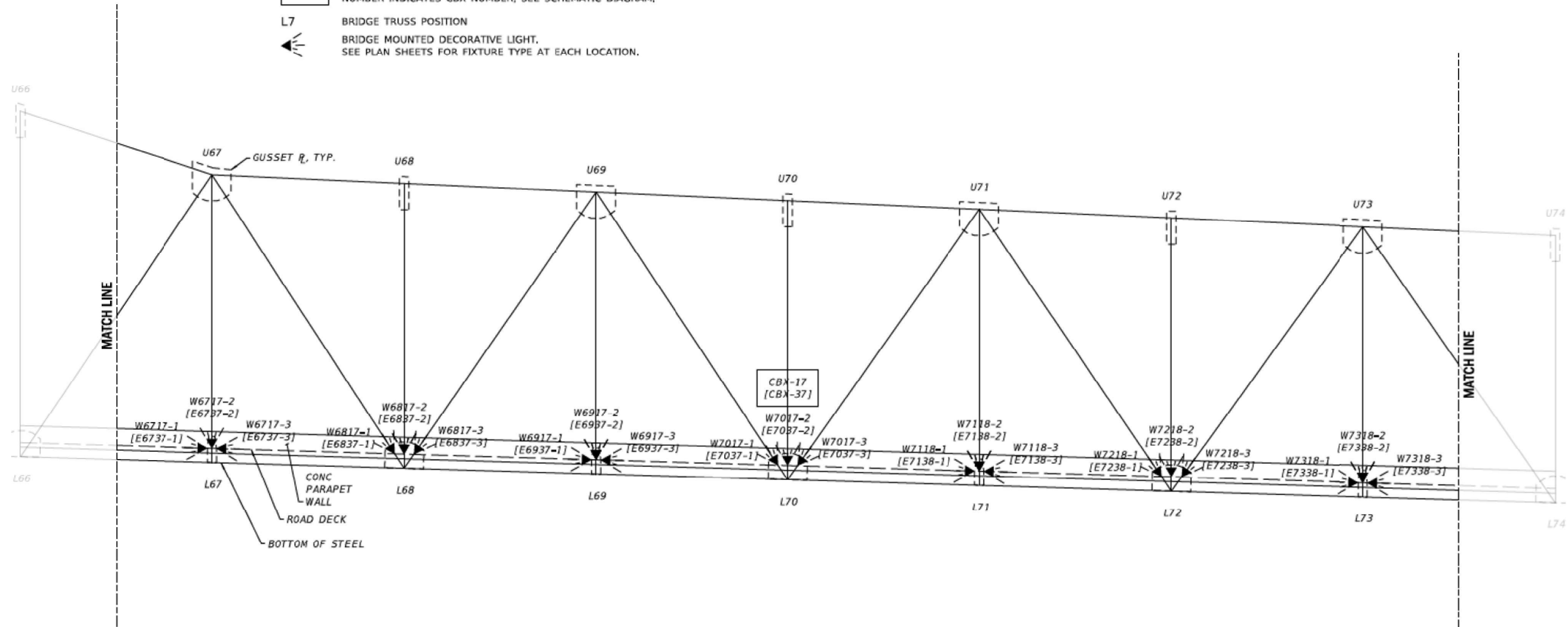
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	21
			CONTRACT NO. 68K11	
		ILLINOIS CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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... FILE NAME: P:\2025\20250909\AV - Bridge Washing (FY 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\046805-struct-structure\_details.dgn



USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### LOCATION 3 - STRUCTURE INFORMATION

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

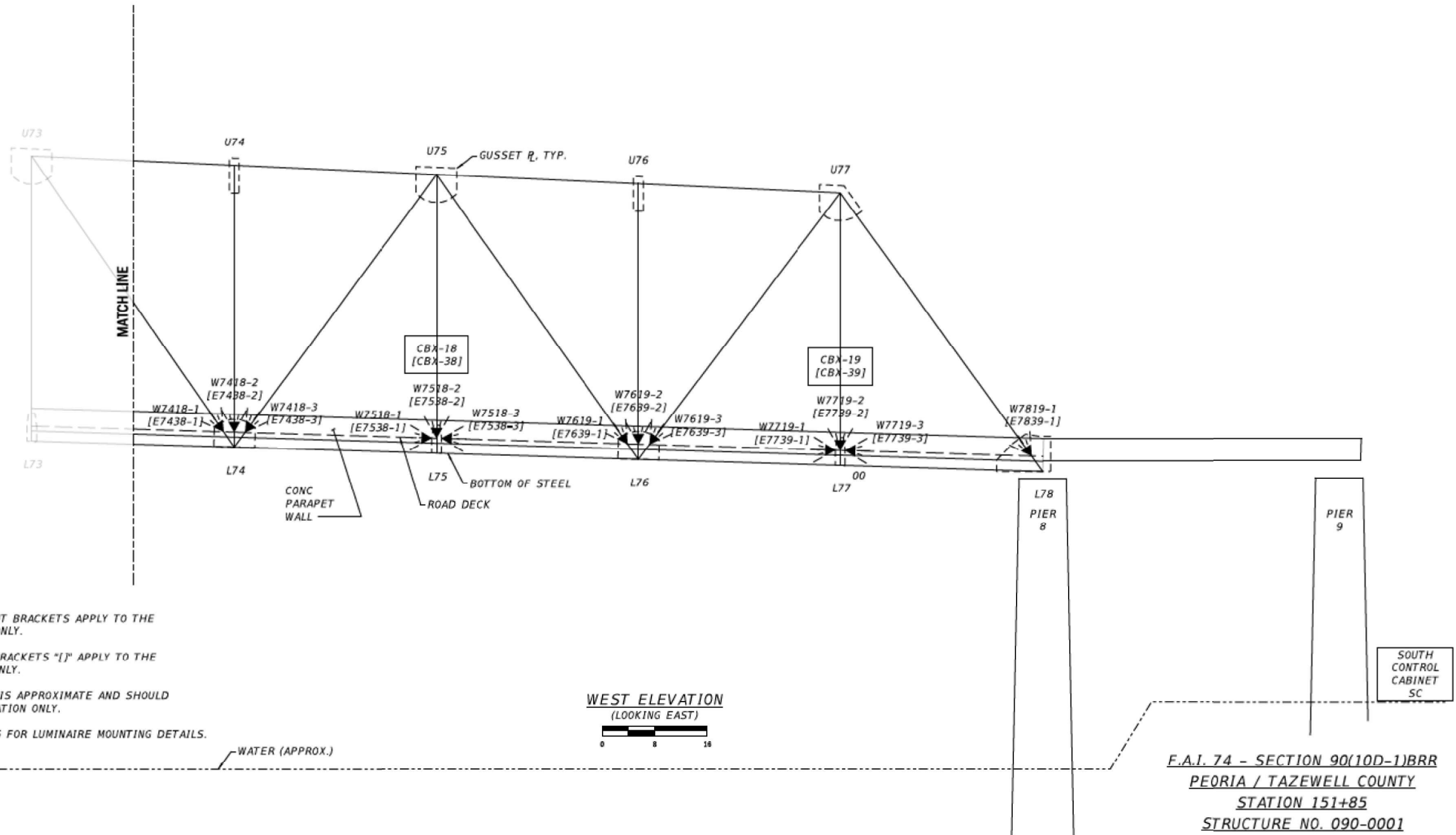
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	22
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (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:\4646\... FILE NAME: P:\2023\230984\... Bridge Washing (Y 2026)4 CAD... DWG:4.7 TranCAD\_Sheet1048805-shr-structural\_details.dgn



USER NAME = dlee	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 3 – STRUCTURE INFORMATION**

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

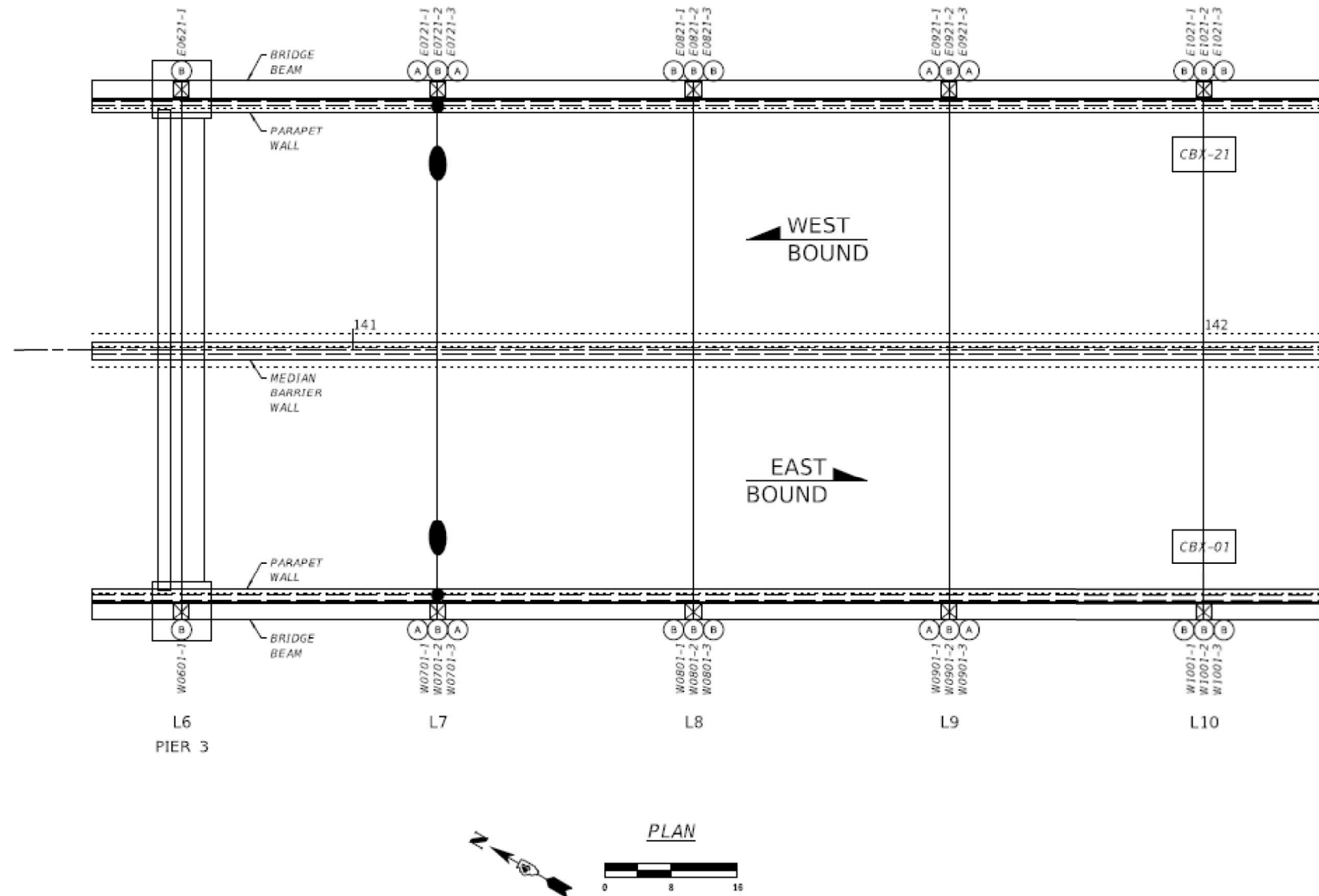
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	23
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (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. 090-001

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

MODEL: D:\p4\h...  
 FILE NAME: P:\2023\230984\1 - Bridge Washing (FY 2026)\4 CADD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dwg



USER NAME = dlee	DESIGNED - JCL	REVISED -
	DRAWN - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/3/2025	DATE - JULY 2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 3 – STRUCTURE INFORMATION**

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

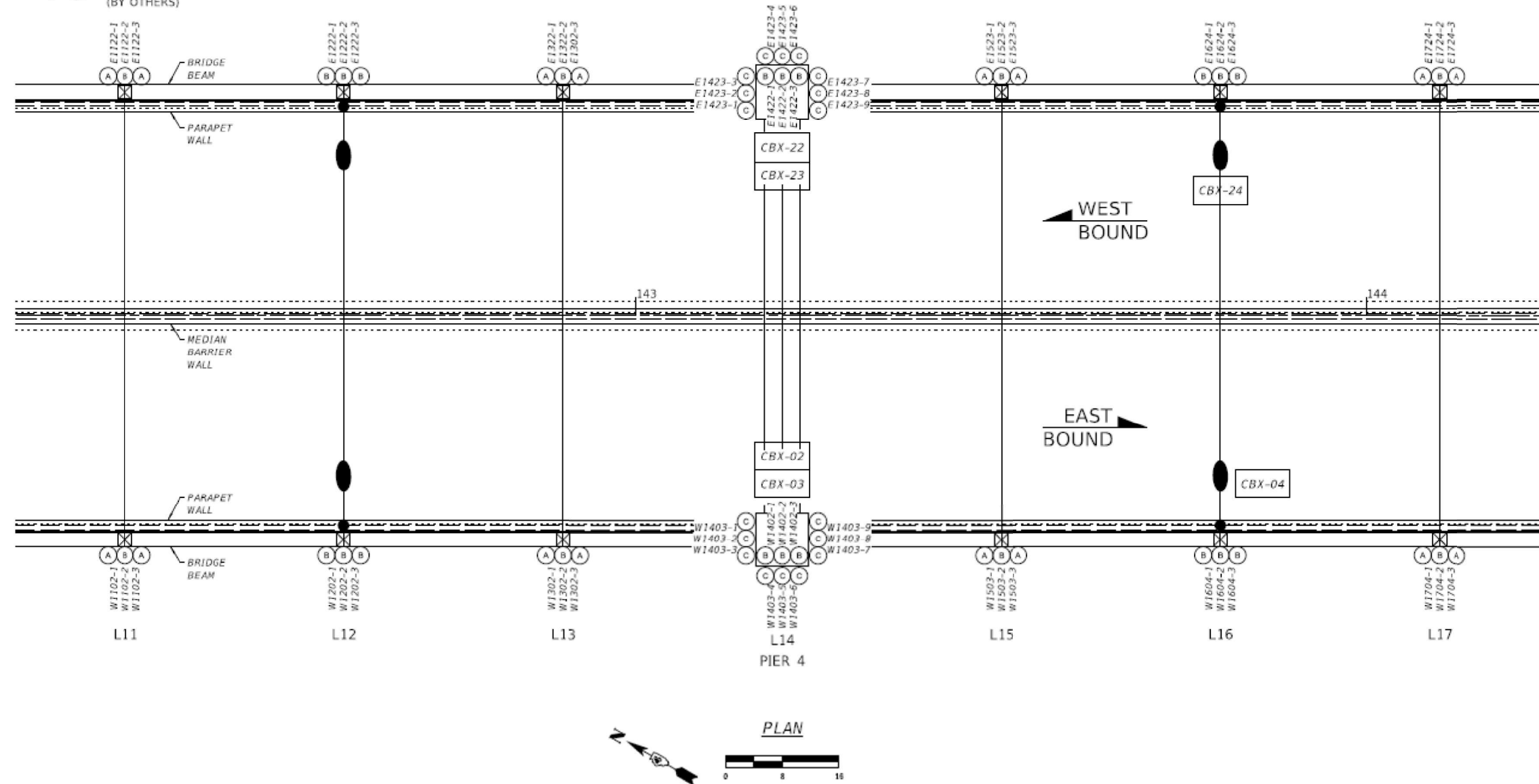
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	24
			CONTRACT NO. 68K11	
		ILLINOIS CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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:\info\TWM\Projects\2023\090-0001 - Bridge Washing (FY 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 3 - STRUCTURE INFORMATION

SCALE: N/A SHEET 17 OF 29 SHEETS STA. TO STA.

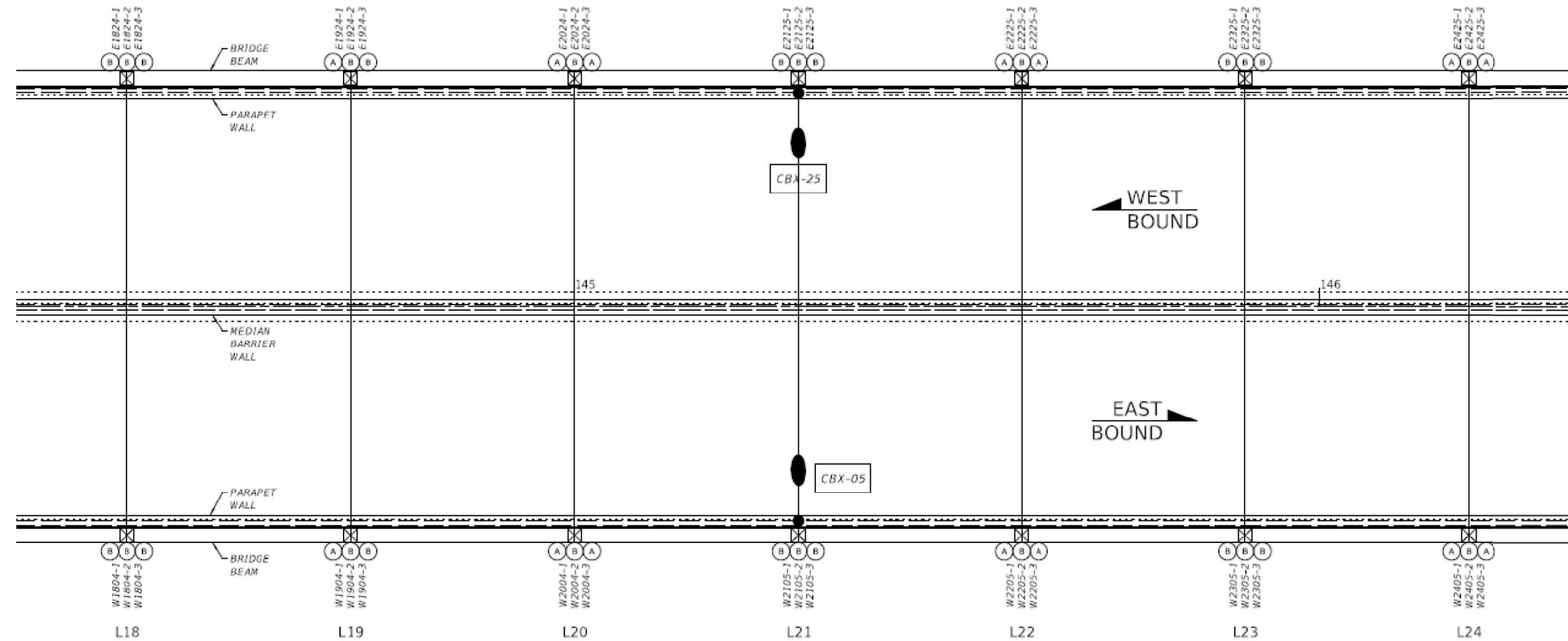
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	25
			CONTRACT NO. 68K11	
		ILLINOIS CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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:\p\11...  
 FILE NAME: P:\2023\230984V - Bridge Washing (Y 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn

**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 3 - STRUCTURE INFORMATION

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

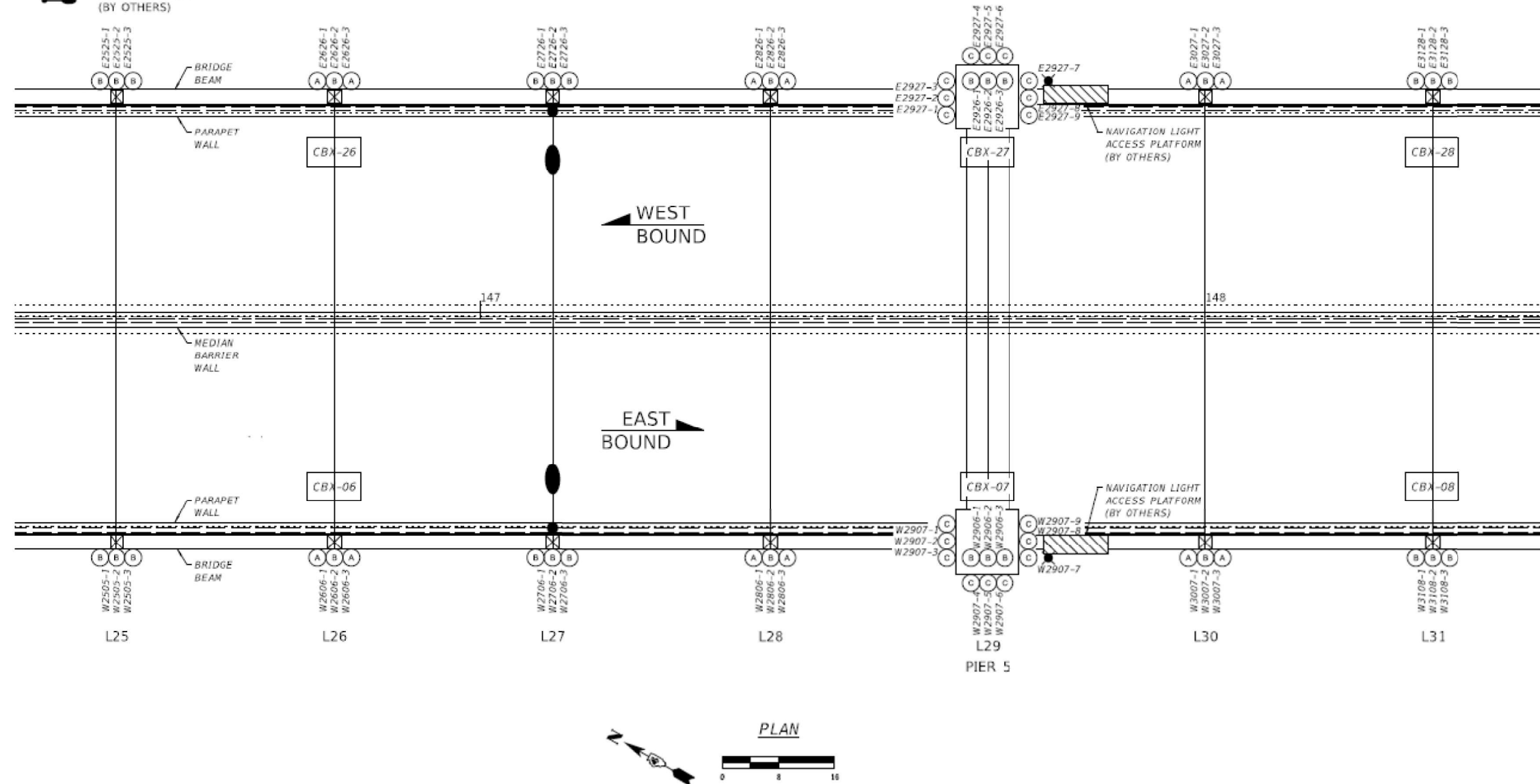
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	26
CONTRACT NO. 68K11				
ILLINOIS		CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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 090-0001 (DECORATIVE LIGHTING PLANS)

MODEL: Default  
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USER NAME = dlee	DESIGNED - JCL	REVISED -
	DRAWN - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/3/2025	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 3 - STRUCTURE INFORMATION

SCALE: N/A SHEET 19 OF 29 SHEETS STA. TO STA.

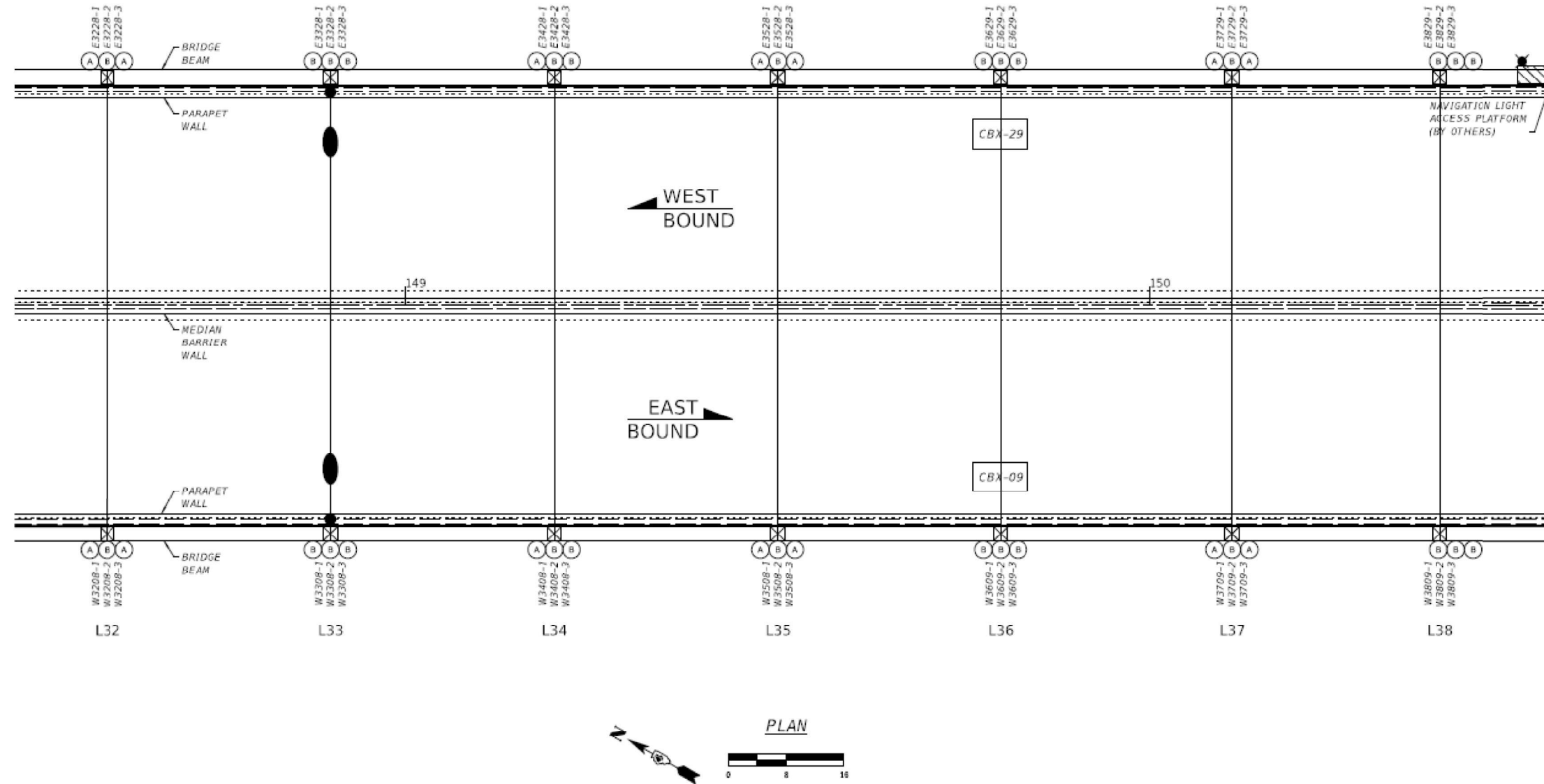
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	27
CONTRACT NO. 68K11				
ILLINOIS		CONTRACT MAINTENANCE		

# FOR INFORMATION ONLY

## LOCATION 3 (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\20230909\AV - Bridge Washing (FY 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



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USER NAME = dlee  
 DESIGNED - JCL  
 DRAWN - JCL  
 CHECKED - TBP  
 DATE - JULY 2025

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION  
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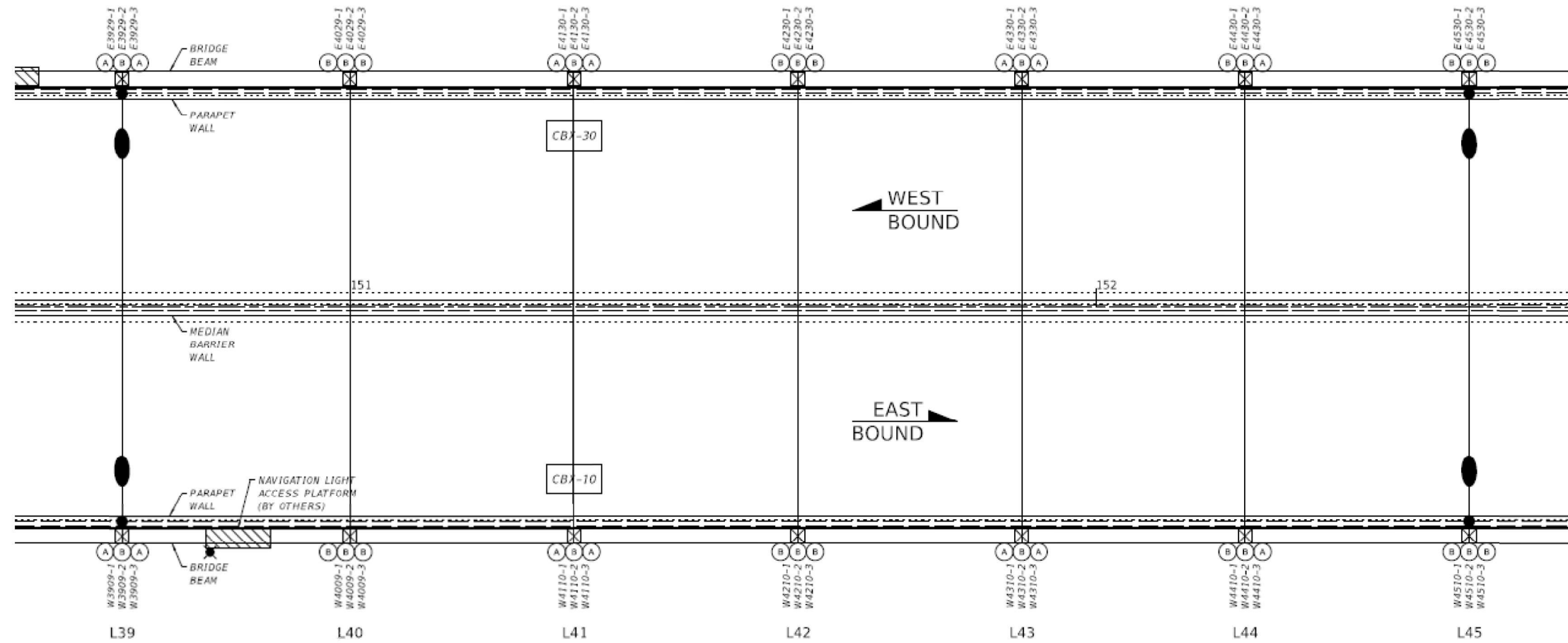
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	28
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (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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**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME = dlce  
 DESIGNED - JCL  
 DRAWN - JCL  
 CHECKED - TBP  
 DATE - JULY 2025

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION  
 SCALE: N/A SHEET 21 OF 29 SHEETS STA. TO STA.

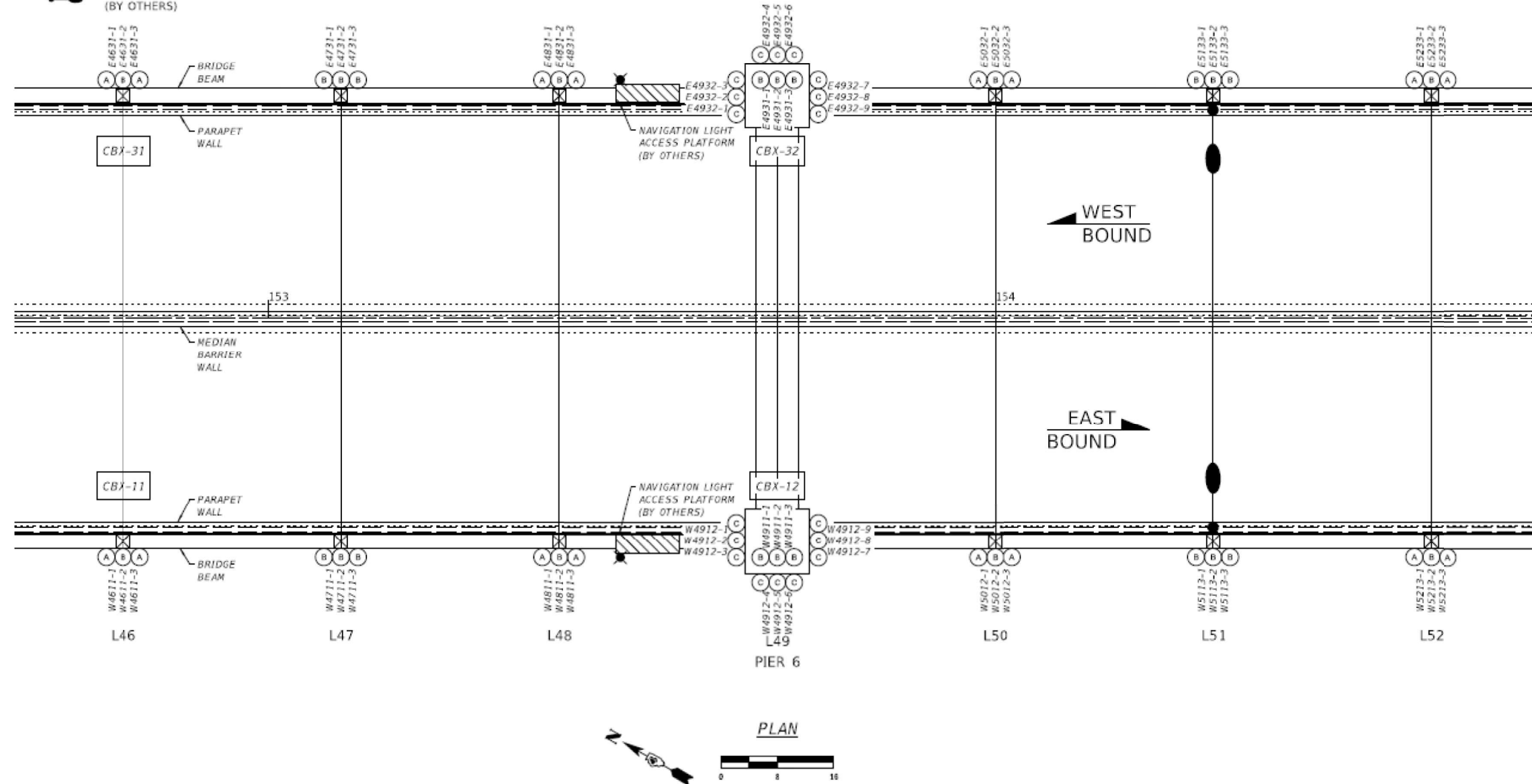
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	29
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

# FOR INFORMATION ONLY

## LOCATION 3 (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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 FILE NAME: P:\2023\230984\ - Bridge Washing (Y 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 3 - STRUCTURE INFORMATION

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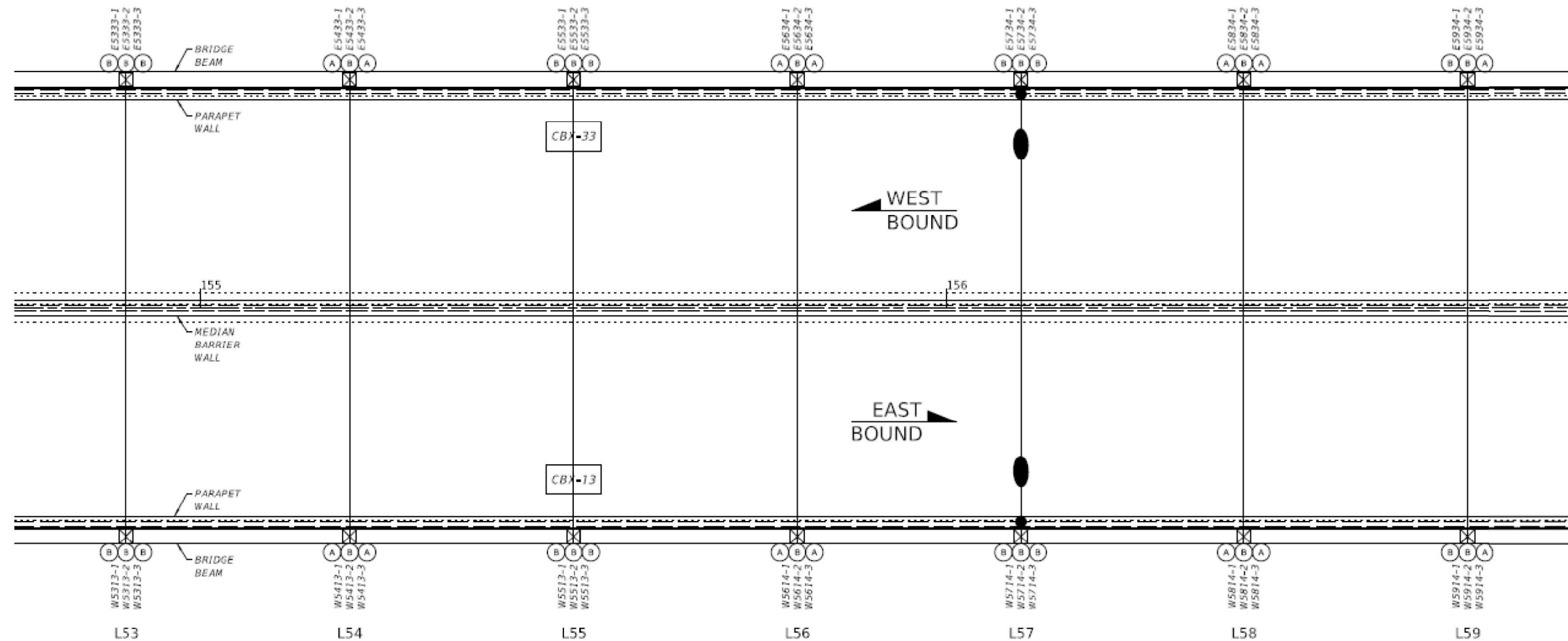
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VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	30
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

## LOCATION 3 (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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 FILE NAME: P:\2023\230984\ - Bridge Washing (FY 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



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PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION			
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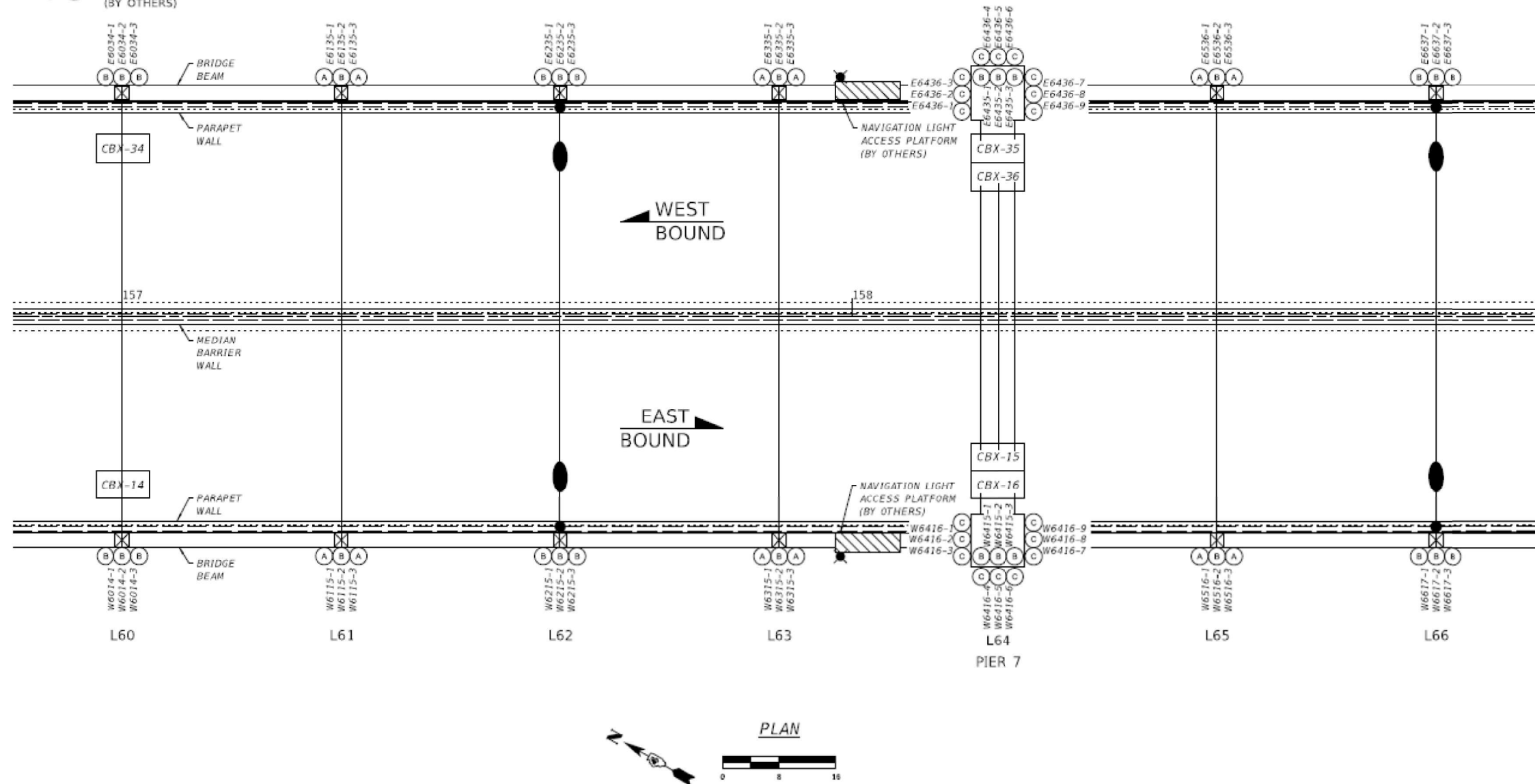
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	31
CONTRACT NO. 68K11				
ILLINOIS CONTRACT MAINTENANCE				

# FOR INFORMATION ONLY

## LOCATION 3 (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 SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

#### LOCATION 3 - STRUCTURE INFORMATION

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

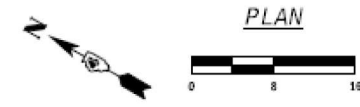
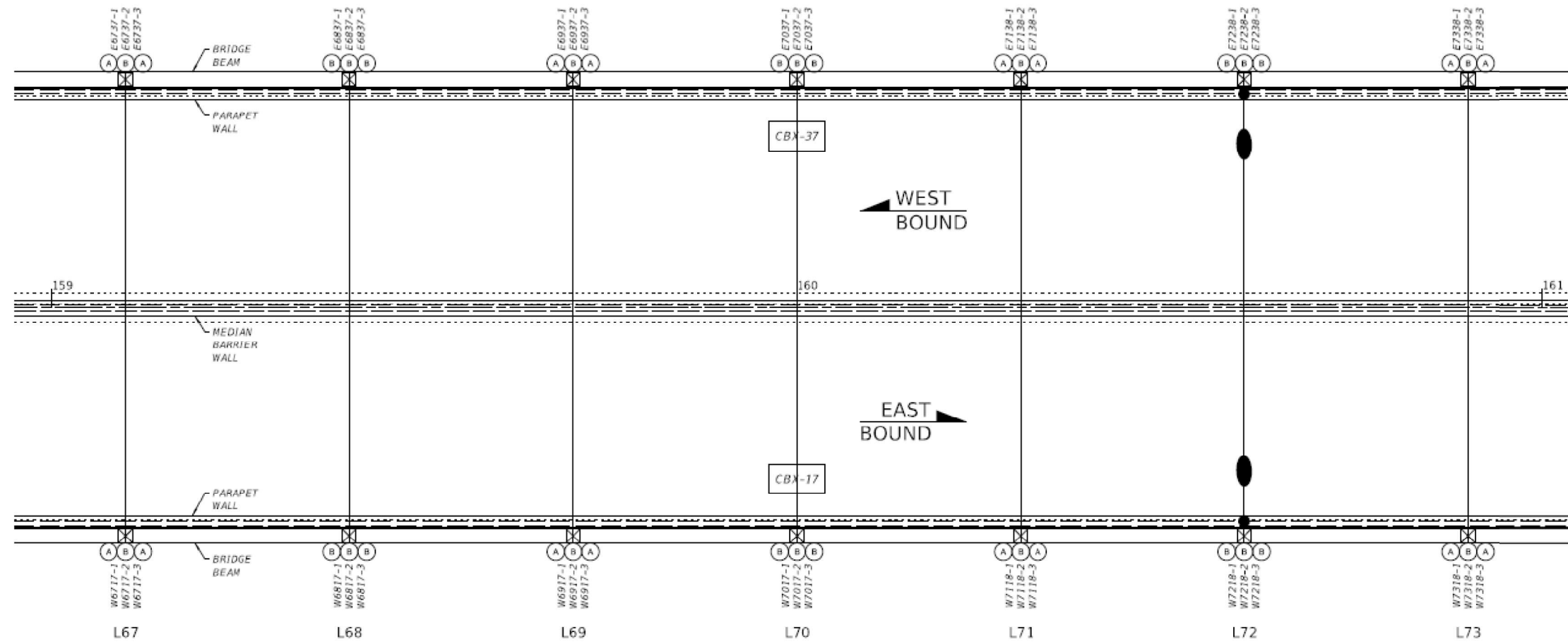
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	32
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

## LOCATION 3 (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,  
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- 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:\info\TWM\Projects\2023\230984\1 - Bridge Washing (FY 2026)\4 CAD - DWG\4.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn

**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME = dlce	DESIGNED - JCL	REVISED -
PLOT SCALE = 0.0833' / in.	DRAWN - JCL	REVISED -
PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - STRUCTURE INFORMATION

SCALE: N/A SHEET 25 OF 29 SHEETS STA. TO STA.

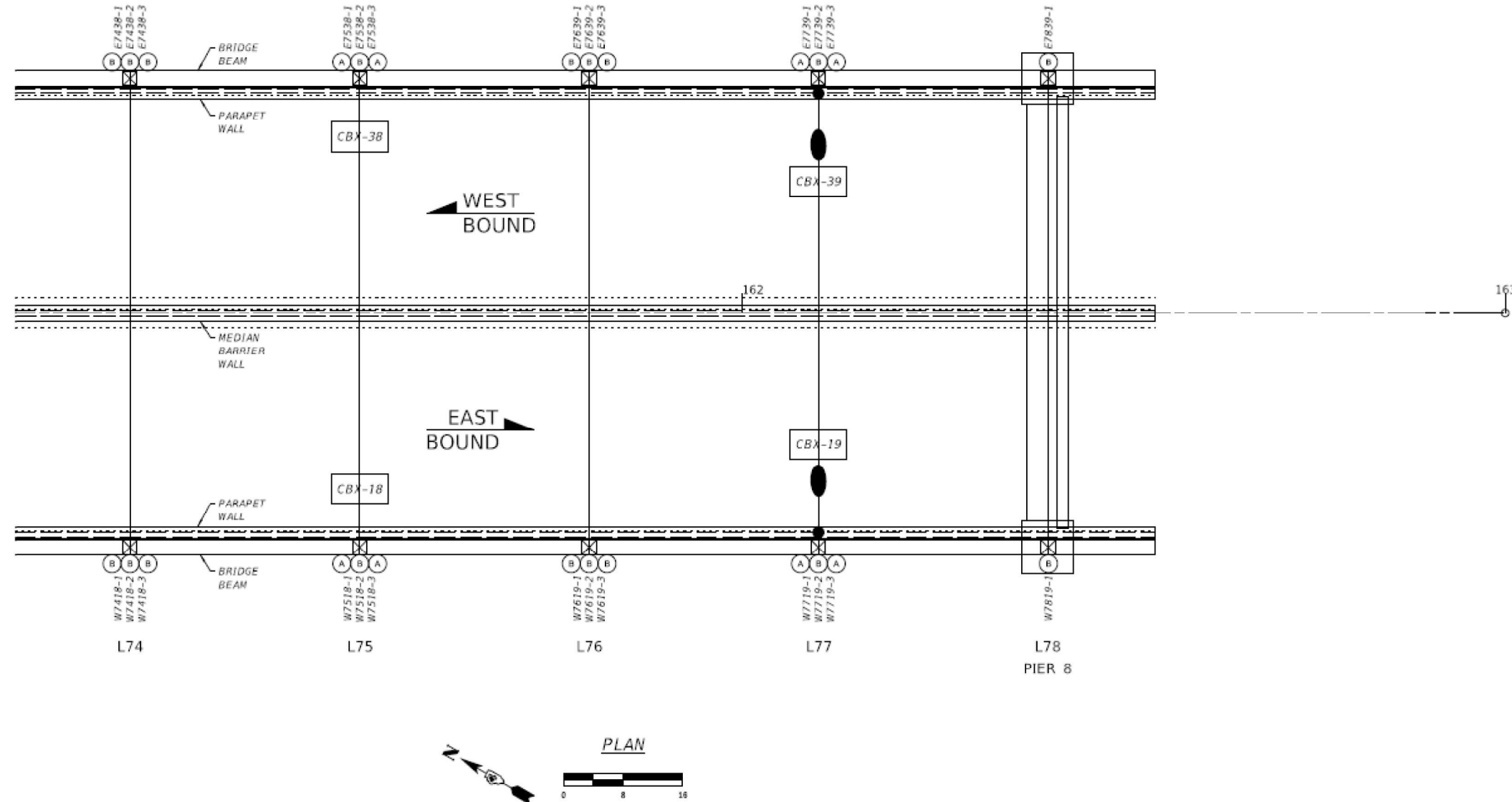
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	33
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

## LOCATION 3 (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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USER NAME = dlee  
 DESIGNED - JCL  
 DRAWN - JCL  
 CHECKED - TBP  
 DATE - JULY 2025

REVISED -  
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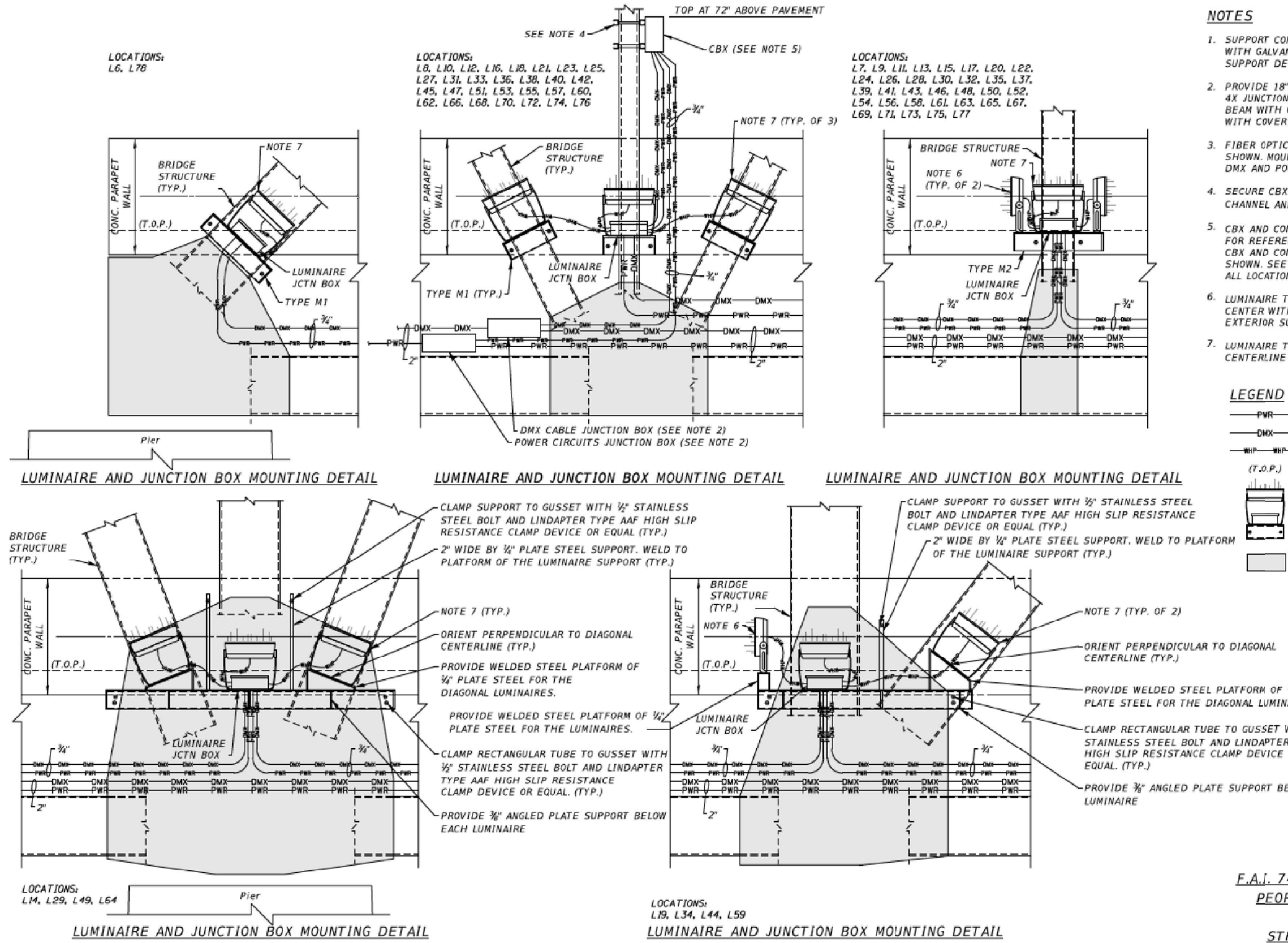
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - 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 2026	VARIOUS	42	34
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

## LOCATION 3 (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.

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

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

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PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

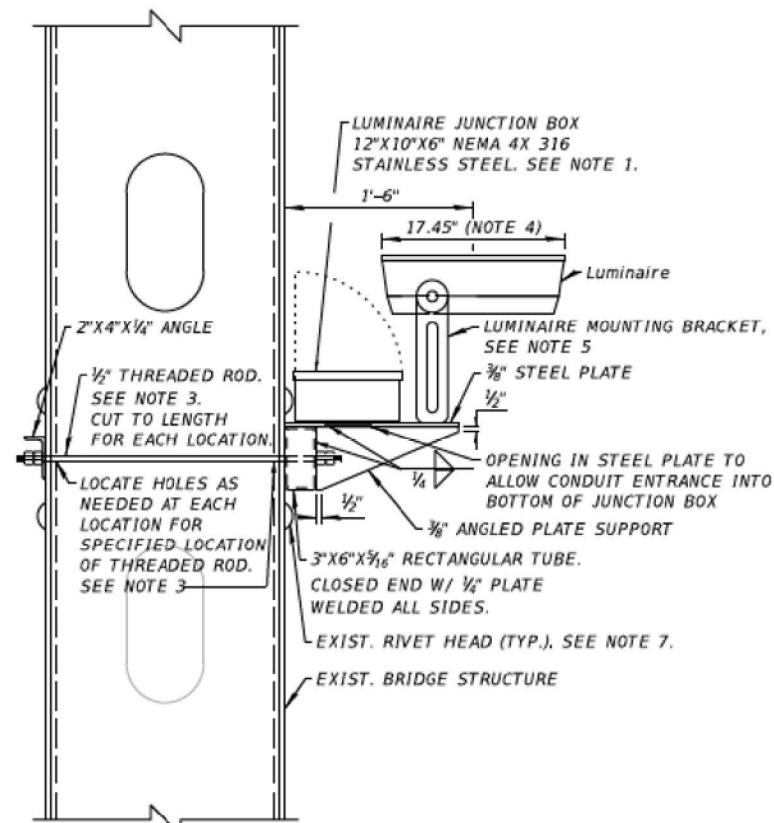
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 3 - 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 2026	VARIOUS	42	35
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	

# FOR INFORMATION ONLY

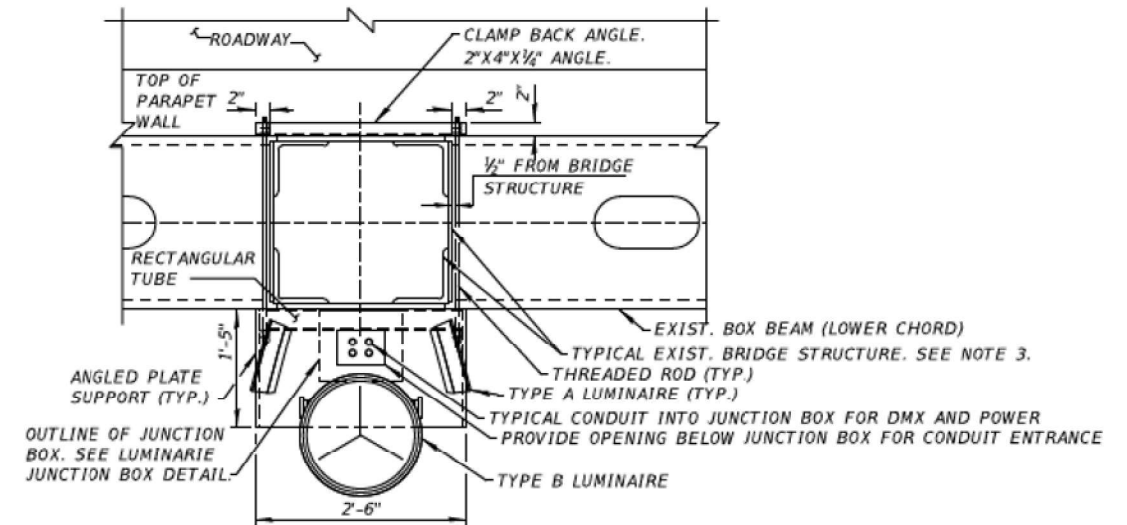
## LOCATION 3 (I-74) MURRAY BAKER BRIDGE OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



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.

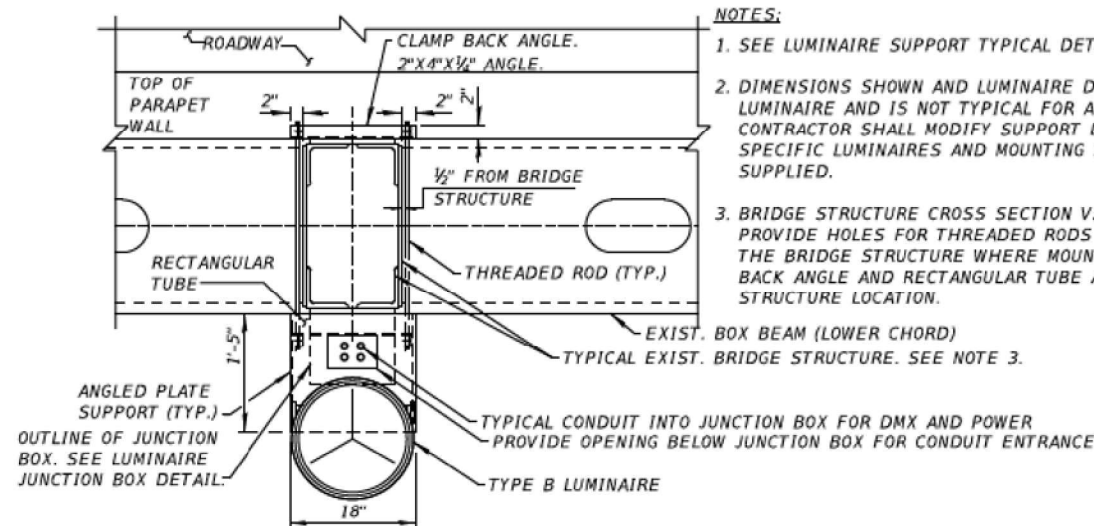


LUMINAIRE SUPPORT TYPE M2 PLAN DETAIL

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)

MODEL: D:\cadd\11\0223230984V - Bridge Washing (Y-2026)14 CADD - DWG\14.7 Tran\CADD\_Sheet\048805-struct\structural\_details.dgn



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USER NAME = dlce  
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CHECKED - TBP  
DATE - JULY 2025

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION 3 – 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 2026	VARIOUS	42	36
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	



# FOR INFORMATION ONLY

## LOCATION 4 – IL 40 OVER ILLINOIS RIVER AND TAZEVELL – PEORIA RAILROAD

**BENCHMARK:**

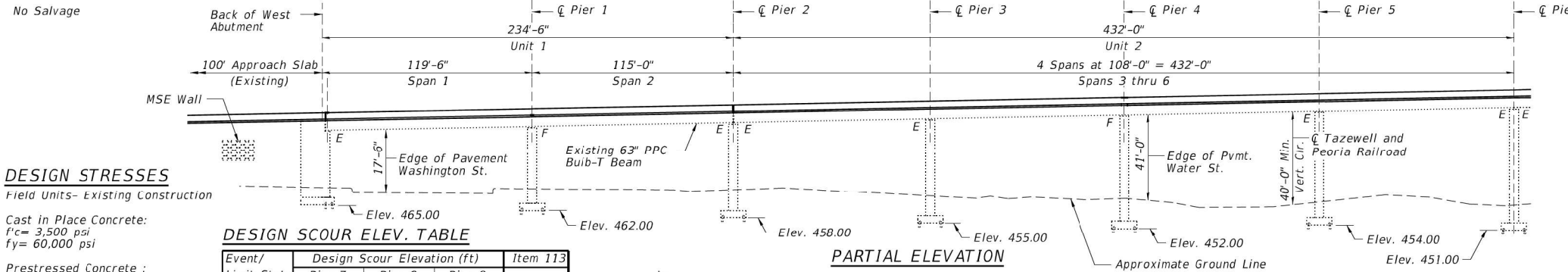
BM # 904 - Chiseled square cut on southern most point of the westerly parapet wall of the Bob Michel Bridge. Sta. 37+85.7, Offset 49.7' Rt., El = 470.877.

**EXISTING STRUCTURE:**

S.N. 090-0122 (Bob Michel Bridge) carrying IL 40 over the Illinois River was originally constructed in 1993 under contract 88221 as Section 50. The structure consists of a 8' (8 1/2' for the river spans) reinforced concrete deck on continuous precast prestressed concrete (PPC) Bulb-T beams in the east (8 spans) and west (6 spans) approach spans and continuous composite steel plate girders in the river spans (3 spans). The total length of the structure is approximately 2,365'-0" from the back of the West Abutment to back of the East Abutment and the out-to-out width varies from 100'-11 1/4" to 76'-3" at the west approach, from 76'-3" to 91'-8 3/4" at the east and is constant at 76'-3" in the river bridge.

The existing substructure consists of two reinforced concrete abutments on HP-piles, 3 reinforced concrete dual-column piers (river piers) on concrete shafts, 12 reinforced concrete multicolumn piers on HP-piles and one solid wall pier. The Bridge will be closed to traffic during the rehabilitation, but pedestrian access will be maintained.

No Salvage



**DESIGN STRESSES**

Field Units- Existing Construction

Cast in Place Concrete:  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi

Prestressed Concrete :  
 $f'_c = 6,000$  psi  
 $f_{ci} = 4,800$  psi  
 $f_s = 270,000$  psi  
 $f_{si} = 201,960$  psi

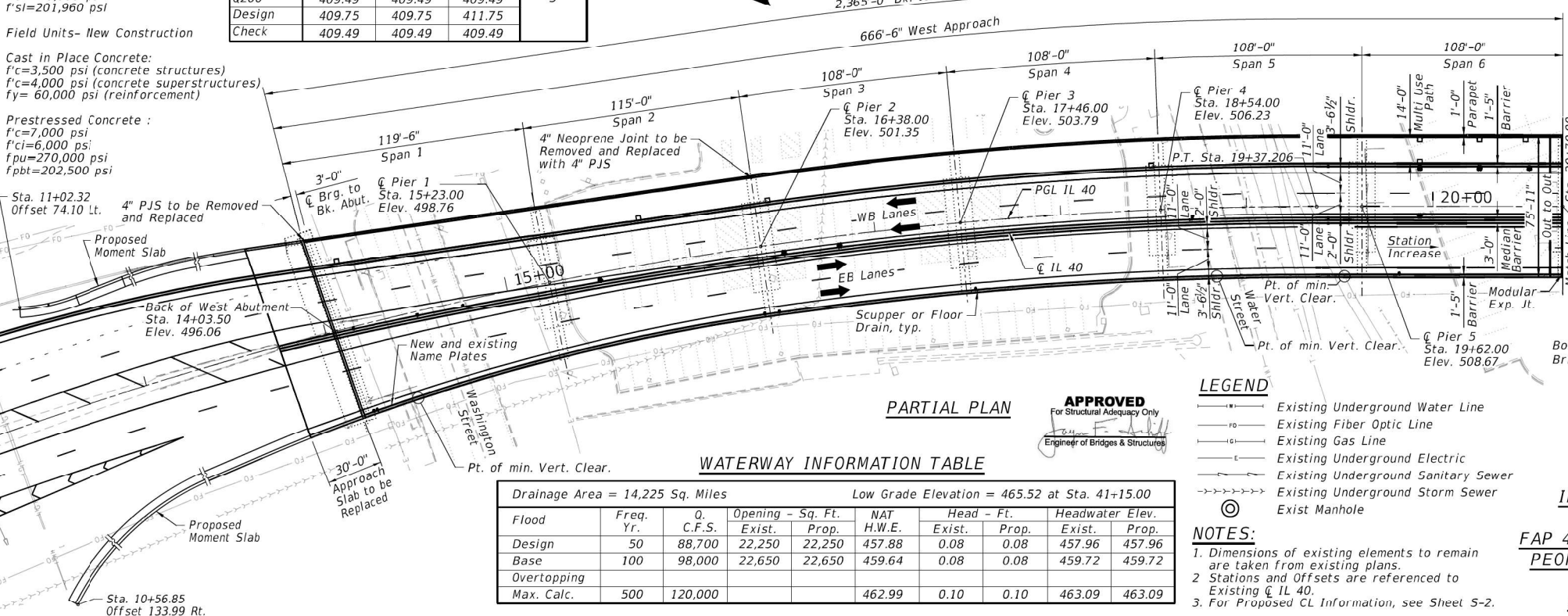
Field Units- New Construction

Cast in Place Concrete:  
 $f'_c = 3,500$  psi (concrete structures)  
 $f'_c = 4,000$  psi (concrete superstructures)  
 $f_y = 60,000$  psi (reinforcement)

Prestressed Concrete :  
 $f'_c = 7,000$  psi  
 $f_{ci} = 6,000$  psi  
 $f_{pu} = 270,000$  psi  
 $f_{pbt} = 202,500$  psi

**DESIGN SCOUR ELEV. TABLE**

Event/Limit State	Design Scour Elevation (ft)	Item 113
Q100	410.11	5
Q200	409.49	
Design	409.75	
Check	409.49	
Check	409.49	



**WATERWAY INFORMATION TABLE**

Drainage Area = 14,225 Sq. Miles      Low Grade Elevation = 465.52 at Sta. 41+15.00

Flood	Freq. Yr.	Q. C.F.S.	Opening - Sq. Ft.		NAT H.W.E.	Head - Ft.		Headwater Elev.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	88,700	22,250	22,250	457.88	0.08	0.08	457.96	457.96
Base	100	98,000	22,650	22,650	459.64	0.08	0.08	459.72	459.72
Overtopping									
Max. Calc.	500	120,000			462.99	0.10	0.10	463.09	463.09

**LOADING HS20-44**

No Allowance For Future Wearing Surface

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications - 17th Edition (Bridge Deck Widening)  
 2020 AASHTO LRFD Bridge Design Specifications - 9th Edition (Moment Slab, Approach Slab)

**SEISMIC DATA**

Seismic Performance Category: A

Horizontal Bedrock Acceleration (A) = .045  
 Site Coefficient (S) = 2.0

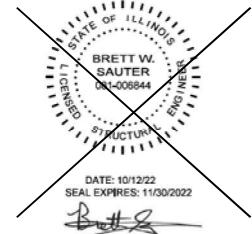
**SCOPE OF WORK**

1. Remove sidewalk, median barrier and parapets on both sides of the bridge, scarify deck and construct microsilica overlay. Construct new traffic barriers, median and Multi-use path. The cross slope will be revised to accommodate the new traffic lanes configuration and the multi-use path. The new traffic and median barriers will be constant slope, 39" TL-4 barriers.
2. Widen superstructure at Spans 14, 15, 16 and 17. extend Piers 15 & 16
3. Remove and replace expansion joints.
4. Perform substructure repairs.
5. Replace drainage scuppers.
6. Replace North and South moment slab along MSE walls at West Abutment.
7. Replace Approach Slabs.

**EXIST. C IL 40**

**CURVE #1**

P.C. Sta. 11+50.101  
 P.T. Sta. 19+37.206  
 P.I. Sta. 15+48.326  
 $\Delta = 21^\circ 28' 30''$   
 $R = 2100.00'$   
 $L = 787.105'$   
 $D = 2^\circ 43' 42''$   
 $T = 398.225'$   
 $E = 37.425'$   
 $S.E. = .025'/FT$   
 Super Runoff Sta. 10+94.00 to 12+17.00  
 Tangent Runout Sta. 10+17.00 to 10+94.00



Applies to Sheets S-1 to S-79 and S-86 to S-122



Applies to Sheets S-80 to S-85 and S-86 to S-122

Collins Engineers, Inc. EWA MROCEK, S.E., P.E. NO. 081-006067 EXP. 11/30/2022

Applies to Sheets S-80 to S-85 and S-86 to S-122



**LOCATION MAP**

**GENERAL PLAN (1 OF 3)**  
**IL 40 OVER ILLINOIS RIVER**  
 (PUBLIC WATERS)  
**FAP 404 SEC. 50 (BDR, BJR, BRR, L)**  
**PEORIA AND TAZEVELL COUNTIES**  
**STATION 25+20**  
**STRUCTURE NO. 090-0122**

**LEGEND**

- Existing Underground Water Line
- Existing Fiber Optic Line
- Existing Gas Line
- Existing Underground Electric
- Existing Underground Sanitary Sewer
- Existing Underground Storm Sewer
- ⊙ Exist Manhole

**NOTES:**

1. Dimensions of existing elements to remain are taken from existing plans.
2. Stations and Offsets are referenced to Existing C IL 40.
3. For Proposed CL Information, see Sheet S-2.

### SN 090-0122 (SPANS 1 THRU 6)

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 4 – STRUCTURE INFORMATION**

SCALE: N/A      SHEET 1 OF 3 SHEETS      STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	38
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	

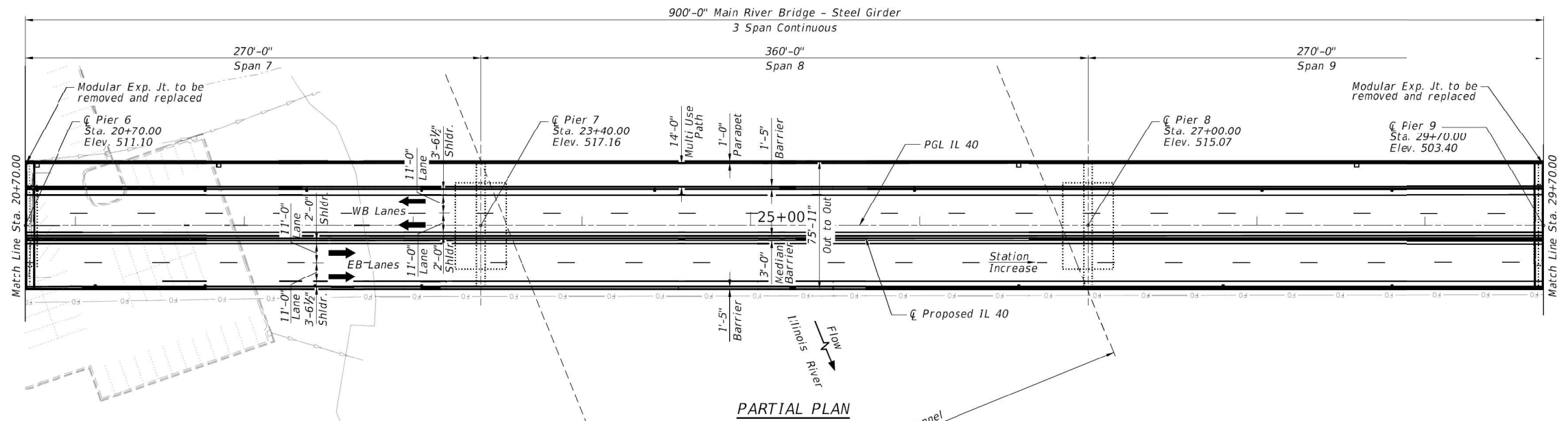
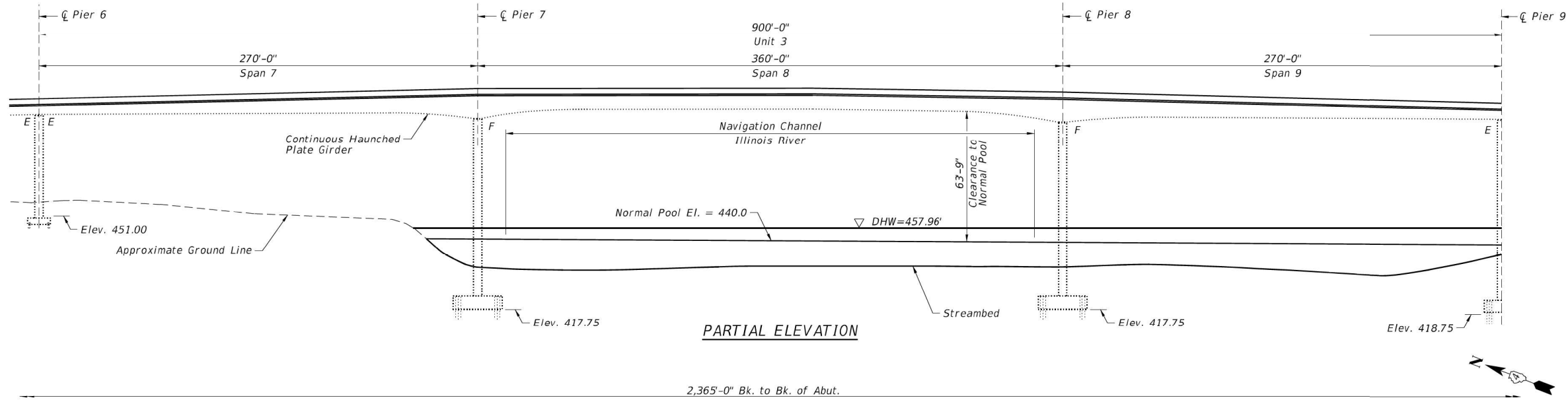
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PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

# FOR INFORMATION ONLY

## LOCATION 4 – 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 = 10/3/2025	DATE - JULY 2025	REVISED -

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

**LOCATION 4 – STRUCTURE INFORMATION**

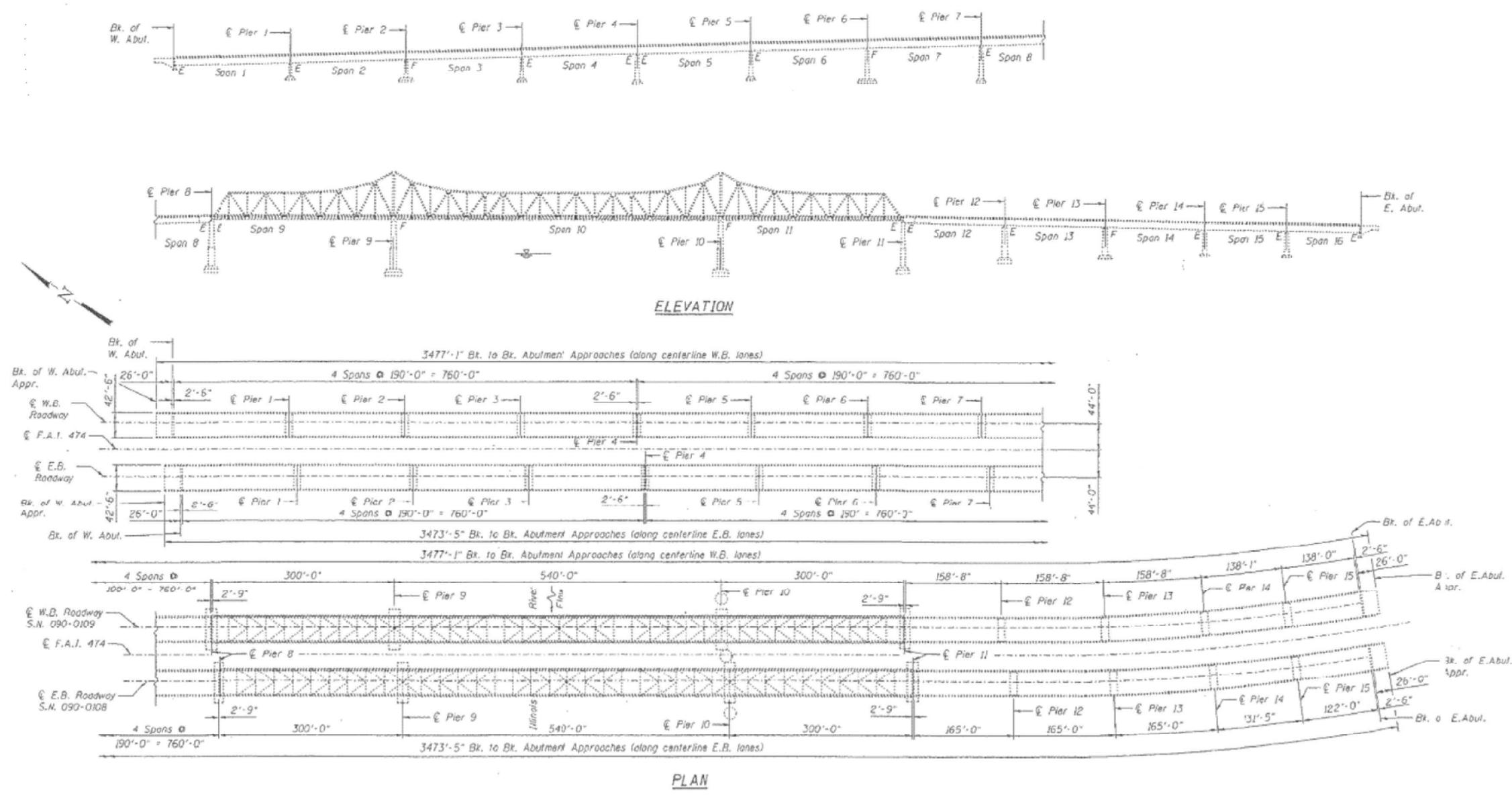
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 BRIDGE WASHING 2026	VARIOUS	42	39
			CONTRACT NO. 68K11	
		ILLINOIS	CONTRACT MAINTENANCE	



**FOR INFORMATION ONLY**

**LOCATION 5 – EB (SN 090–0108) I-474 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD  
LOCATION 6 – WB (SN 090–0109) I-474 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD**



**SN 090–0108 (EB) & 090–0109 (WB)**

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PLOT DATE = 10/3/2025	CHECKED - TBP	REVISED -
	DATE - JULY 2025	REVISED -

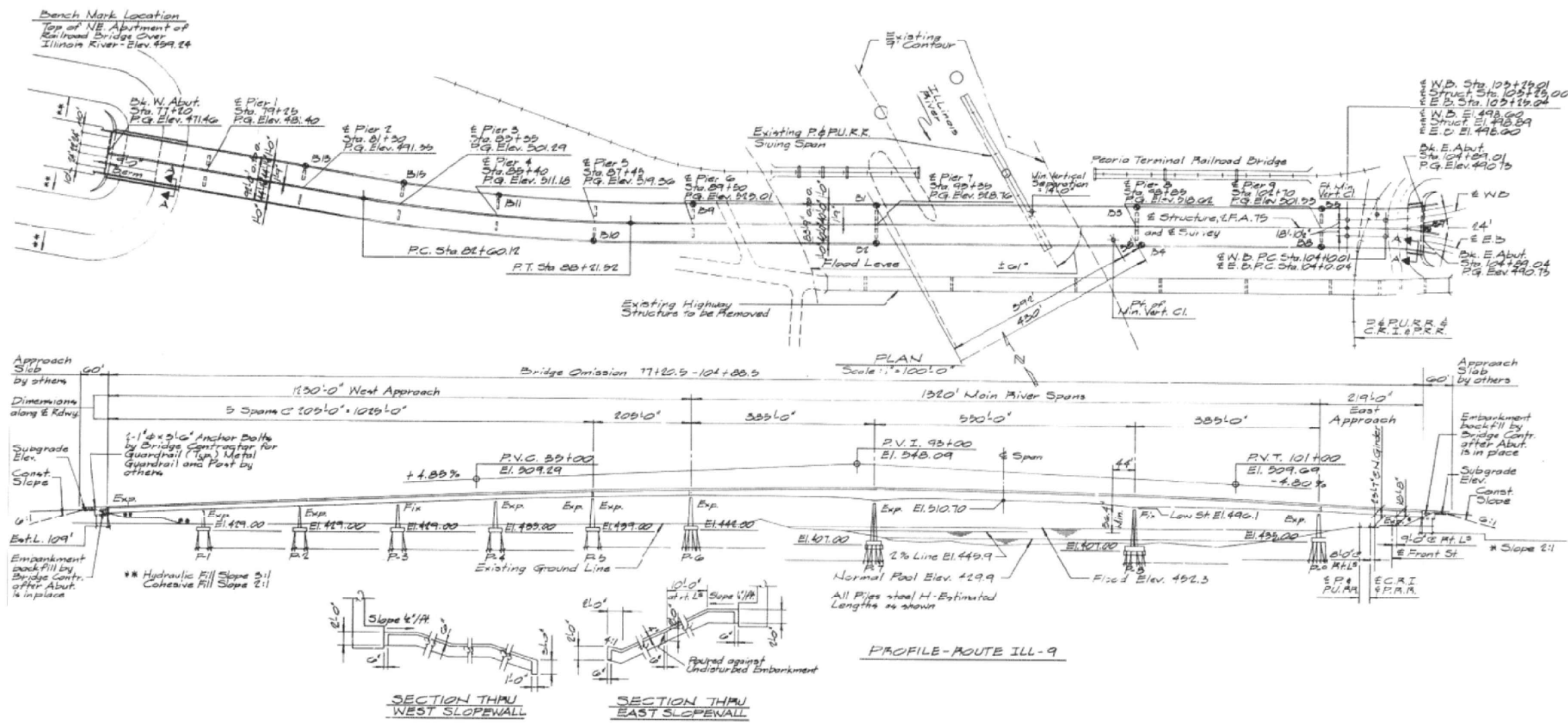
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LOCATION 5 &amp; 6 – 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 2026	VARIOUS	42	41
CONTRACT NO. 68K11				
ILLINOIS CONTRACT MAINTENANCE				

# FOR INFORMATION ONLY

## LOCATION 7 – IL 9 OVER ILLINOIS RIVER AND TAZEWELL – PEORIA RAILROAD



SN 090-0114

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 FILE NAME: P:\2023\230984\...  
 MODEL: D:\info\...  
 FILE NAME: P:\2023\230984\...

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 ILLINOIS DESIGN FIRM LICENSE NO: 184-001220

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DRAWN - JCL	REVISED -	
PLOT SCALE = 0.0833' / in.	CHECKED - TBP	REVISED -
PLOT DATE = 10/3/2025	DATE - JULY 2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION 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 2026	VARIOUS	42	42
ILLINOIS CONTRACT MAINTENANCE			CONTRACT NO. 68K11	