

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

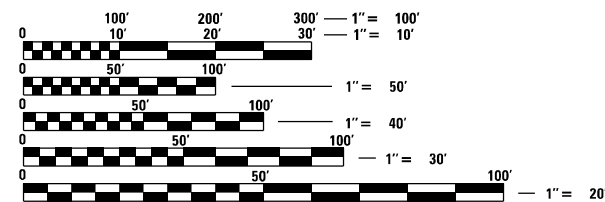
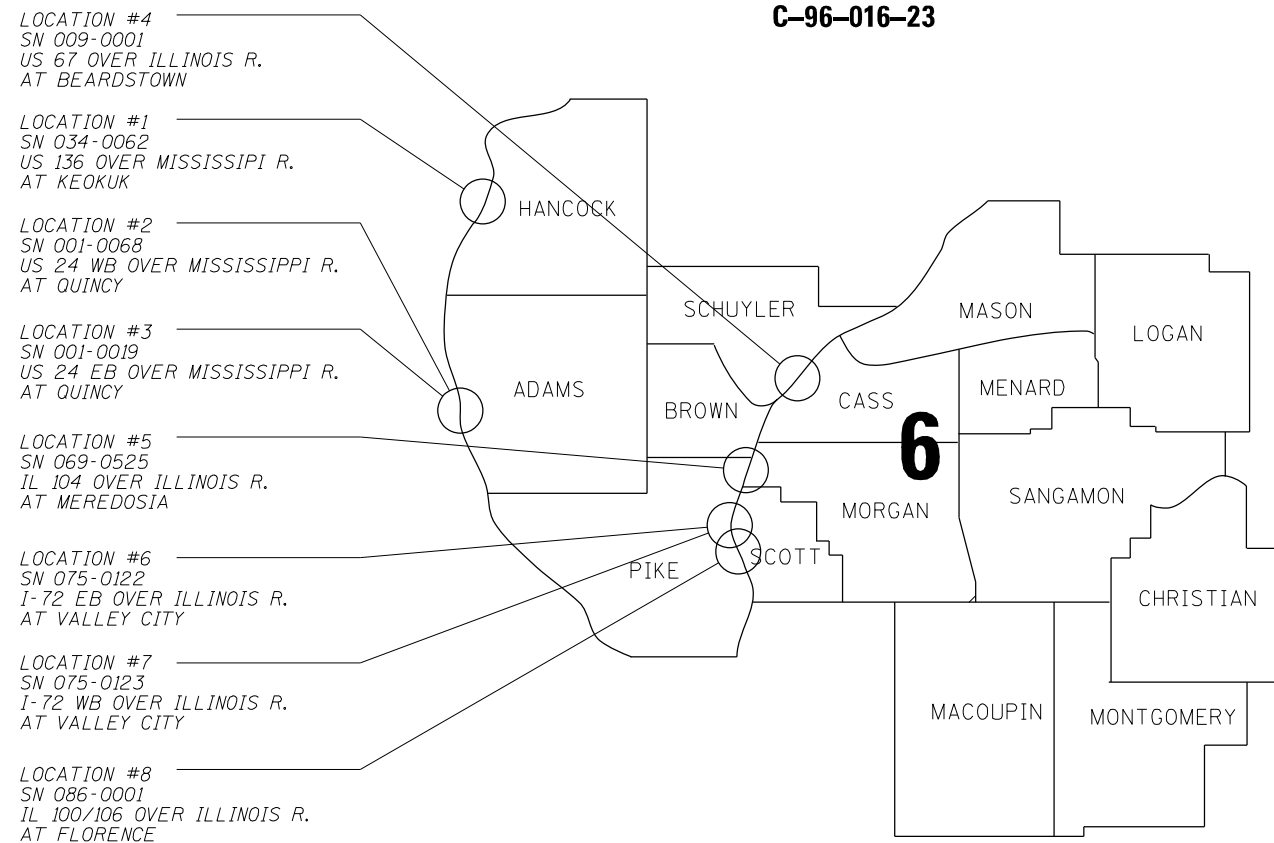
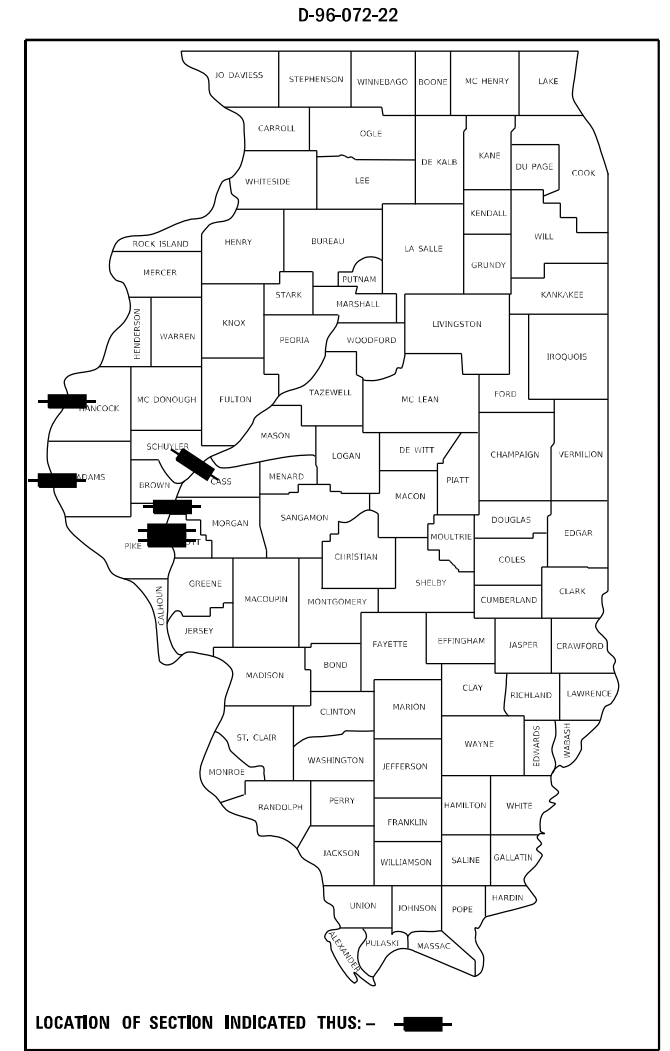
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2023	VARIOUS	11	1
		ILLINOIS	CONTRACT NO. 72043	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION D6 BRIDGE CLEANING 2023
PROJECT NHPP-STP-3EEX(645)
BRIDGE WASHING
VARIOUS COUNTIES

C-96-016-23



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: BRANDON DUDLEY – (217) 785-9290

GROSS LENGTH = x.xx FT. = x.xxx MILE
NET LENGTH = x.xx FT. = x.xxx MILE

CONTRACT NO. 72043

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 19 2022

John P. Meyer
REGIONAL ENGINEER

December 9, 2022
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

December 9, 2022
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX, STANDARDS, GENERAL NOTES, & SIGNATURES
- 3 SUMMARY OF QUANTITIES
- 4-11 LOCATION MAPS AND BRIDGE PLANS

STANDARDS

- 000001-08
- 001006
- 701001-02
- 701006-05
- 701101-05
- 701106-02
- 701201-05
- 701400-11
- 701406-13
- 701601-09
- 701901-08

GENERAL NOTES:

BRIDGE #1 - SN 034-0062: US 136 OVER THE MISSISSIPPI RIVER AT THE EAST EDGE OF KEOKUK, IA IN HANCOCK COUNTY. SEE MULTI BEAM OR APPROACH SPAN NOTES BELOW. ALSO, THE DECK SCUPPER DRAINAGE SYSTEM IN SPAN 4 SHALL BE FLUSHED AND ALL DEBRIS REMOVED.

BRIDGE #2 - SN 001-0068: US 24 (WB) AND MAINE STREET OVER THE MISSISSIPPI RIVER AT THE WEST EDGE OF QUINCY IN ADAMS COUNTY. SEE CABLE-STAYED AND MULTI BEAM OR APPROACH SPAN NOTES BELOW. DECK CLEANING SHALL EXTEND PAST THE BRIDGE DECK TO THE EAST APPROXIMATELY 150' TO THE END OF THE APPROACH PAVEMENT.

BRIDGE #3 - SN 001-0019: US 24 (EB) OVER THE MISSISSIPPI RIVER AT THE WEST EDGE OF QUINCY IN ADAMS COUNTY. SEE TRUSS AND MULTI BEAM OR APPROACH SPAN NOTES BELOW.

BRIDGE #4 - SN 009-0001: US 67 OVER THE ILLINOIS RIVER AT THE WEST EDGE OF BEARDSTOWN IN CASS COUNTY. SEE TRUSS AND MULTI BEAM OR APPROACH SPAN NOTES BELOW.

BRIDGE #5 - SN 069-0525: IL 104 OVER THE ILLINOIS RIVER AT THE WEST EDGE OF MEREDOSIA. SEE TIED ARCH AND MULTI BEAM OR APPROACH SPAN NOTES BELOW.

BRIDGE #6 - SN 075-0122: I-72 (EB) OVER THE ILLINOIS RIVER NEAR VALLEY CITY IN PIKE COUNTY. SEE POST-TENSIONED CONCRETE SEGMENTAL SPAN NOTES BELOW.

BRIDGE #7 - SN 075-0123: I-72 (WB) OVER THE ILLINOIS RIVER NEAR VALLEY CITY IN PIKE COUNTY. SEE POST-TENSIONED CONCRETE SEGMENTAL SPAN NOTES BELOW.

BRIDGE #8 - SN 086-0001: IL 100 / 106 OVER THE ILLINOIS RIVER AT THE EAST EDGE OF FLORENCE IN SCOTT COUNTY. SEE TRUSS AND MULTI BEAM OR APPROACH SPAN NOTES BELOW.

ALL BRIDGE WASHING SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 592 OF THE STANDARD SPECS AND AS OUTLINED BELOW:

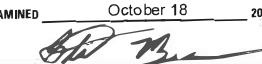
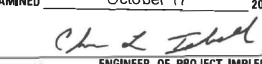

- TRUSS SPANS - THE AREAS OF TRUSS SPANS TO BE WASHED SHALL INCLUDE THE FOLLOWING:
- ALL STRUCTURAL STEEL INCLUDING LOWER CHORD TO A POINT 10' ABOVE THE BRIDGE DECK
 - THE ENTIRE DECK SURFACE, CURBS, JOINTS, DRAINS, AND RAILINGS
 - ALL FLOOR BEAMS, DIAGONAL BRACING, STRINGERS, AND OTHER STRUCTURAL STEEL FROM THE LOWER CHORD INWARD TO AND INCLUDING THE OUTSIDE AND BOTTOM OF EXTERIOR STRINGERS
 - ALL ABUTMENT AND PIER CAPS
 - ALL STRUCTURAL STEEL LOCATED BELOW THE DECK WITHIN 10' LONGITUDINALLY ON EITHER SIDE OF ALL EXPANSION JOINTS OR DEFLECTION JOINTS

- MULTI BEAM OR APPROACH SPANS - THE AREAS TO BE WASHED ON MULTI BEAM SPANS OR APPROACH SPANS SHALL INCLUDE THE FOLLOWING:
- ALL DECK JOINTS AND DECK DRAINS
 - THE ENTIRE DECK SURFACE, CURBS, RAILINGS, AND SIDEWALKS
 - THE OUTSIDE AND BOTTOMS OF FASCIA BEAMS
 - ALL ABUTMENT AND PIER CAPS
 - ALL STRUCTURAL STEEL LOCATED BELOW THE DECK WITHIN 10' LONGITUDINALLY ON EITHER SIDE OF ALL EXPANSION JOINTS OR DEFLECTION JOINTS

- CABLE-STAYED SPANS - THE AREAS TO BE WASHED ON CABLE-STAYED SPANS SHALL INCLUDE THE FOLLOWING:
- ALL DECK JOINTS AND DECK DRAINS
 - THE ENTIRE DECK SURFACE, CURBS, RAILINGS, AND DECK PORTIONS BEHIND THE PARAPET.
 - THE OUTSIDE AND BOTTOMS OF FASCIA BEAMS
 - ALL PIER CAPS
 - ALL STRUCTURAL STEEL LOCATED BELOW THE DECK WITHIN 10' LONGITUDINALLY ON EITHER SIDE OF ALL EXPANSION JOINTS OR DEFLECTION JOINTS
 - ALL CABLES, CABLE ANCHORAGES, AND SUPPORT TOWERS UP TO A HEIGHT OF 10' ABOVE THE DECK SURFACE

- POST-TENSIONED CONCRETE SEGMENTAL SPANS - THE AREAS TO BE WASHED ON POST-TENSIONED CONCRETE SEGMENTAL SPANS SHALL INCLUDE THE FOLLOWING:
- ALL DECK JOINTS AND DECK DRAINS
 - BEARING SEATS AT EXPANSION JOINTS
 - THE ENTIRE DECK SURFACE, CURB, AND RAILINGS

- TIED ARCH SPANS - THE AREAS TO BE WASHED ON TIED ARCH SPANS SHALL INCLUDE THE FOLLOWING:
- ALL ARCH STRUCTURAL STEEL INCLUDING ARCH RIB, ARCH TIE AND ARCH HANGERS TO A POINT 10' ABOVE THE BRIDGE DECK
 - THE ENTIRE DECK SURFACE, CURBS, JOINTS, DRAINS, AND RAILINGS
 - ALL FLOOR BEAMS, DIAGONAL BRACING, STRINGERS, AND OTHER STRUCTURAL STEEL FROM THE LOWER CHORD INWARD TO AND INCLUDING THE OUTSIDE AND BOTTOM OF EXTERIOR STRINGERS
 - ALL ABUTMENT AND PIER CAPS
 - ALL STRUCTURAL STEEL LOCATED BELOW THE DECK WITHIN 10' LONGITUDINALLY ON EITHER SIDE OF ALL EXPANSION JOINTS OR DEFLECTION JOINTS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	October 18 20 22
 ENGINEER OF OPERATIONS	
EXAMINED	October 17 20 22
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	October 17 20 22
 ENGINEER OF PROGRAM DEVELOPMENT	

REV. - MS

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	PLOT DATE = 10/18/2022	DATE -	REVISED -		ILLINOIS FED. AID PROJECT											

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				NHPP 80/20	100% IA	NHPP 80/20	100% MO	NHPP 80/20	100% MO	NHPP 80/20	STP 80/20	NHPP 90/10	NHPP 90/10	STP 80/20
				SN 034-0062	SN 034-0062	SN 001-0068	SN 001-0068	SN 001-0019	SN 001-0019	SN 009-0001	SN 069-0525	SN 075-0122	SN 075-0123	SN 086-0001
				0047/rural IL/HANCOCK	0047/rural IA/HANCOCK	0047/urban IL/ADAMS	0047/urban MO/ADAMS	0047/urban IL/ADAMS	0047/urban MO/ADAMS	0047/urban CASS	0047/rural MORGAN	0047/rural PIKE	0047/rural PIKE	0047/rural SCOTT
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59200104	BRIDGE WASHING NO. 4	EACH	1	0	0	0	0	0	0	1	0	0	0	0
59200105	BRIDGE WASHING NO. 5	EACH	1	0	0	0	0	0	0	0	1	0	0	0
59200106	BRIDGE WASHING NO. 6	EACH	1	0	0	0	0	0	0	0	0	1	0	0
59200107	BRIDGE WASHING NO. 7	EACH	1	0	0	0	0	0	0	0	0	0	1	0
59200108	BRIDGE WASHING NO. 8	EACH	1	0	0	0	0	0	0	0	0	0	0	1
67100100	MOBILIZATION	L SUM	1	0.06	0.06	0.06	0.06	0.06	0.06	0.13	0.13	0.13	0.12	0.13
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	0	0	0	0	0	0.34	0.33	0	0	0.33
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0	0	0	0	0	0	0	0	0.5	0.5	0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.17	0.17	0.17	0.16	0.16	0.17	0	0	0	0	0

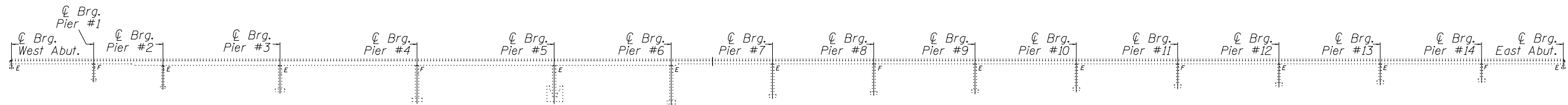
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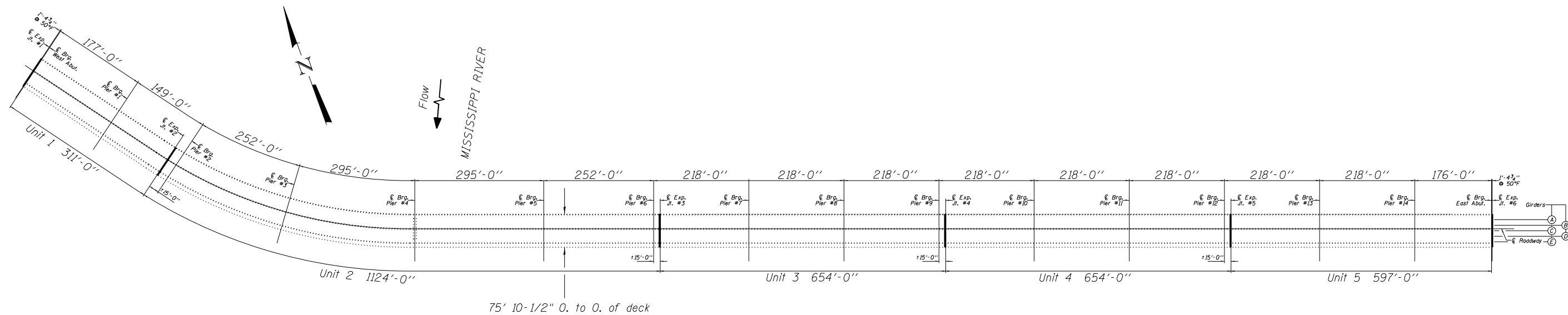
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
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	STA.	TO	STA.

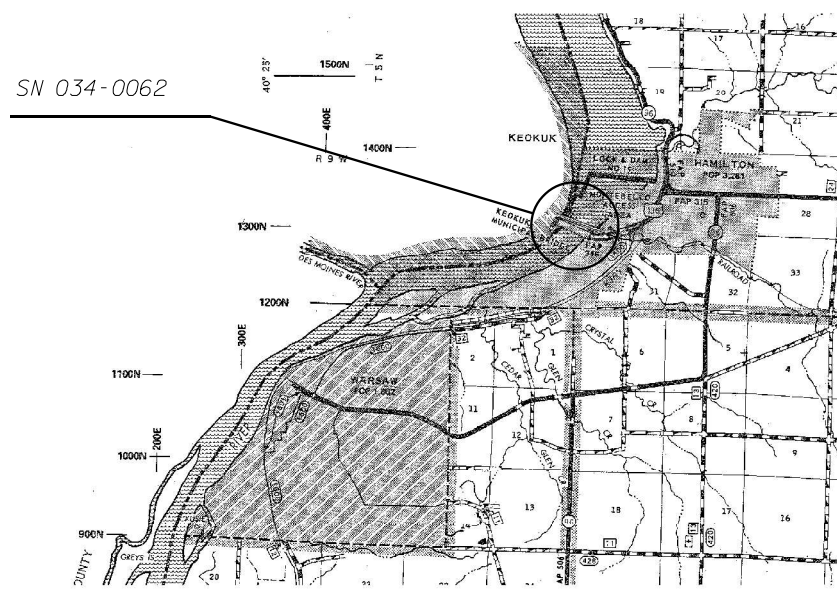
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			CONTRACT NO. 72043	
		ILLINOIS FED. AID PROJECT		



SN 034-0062 ELEVATION



SN 034-0062 PLAN



LOCATION MAP

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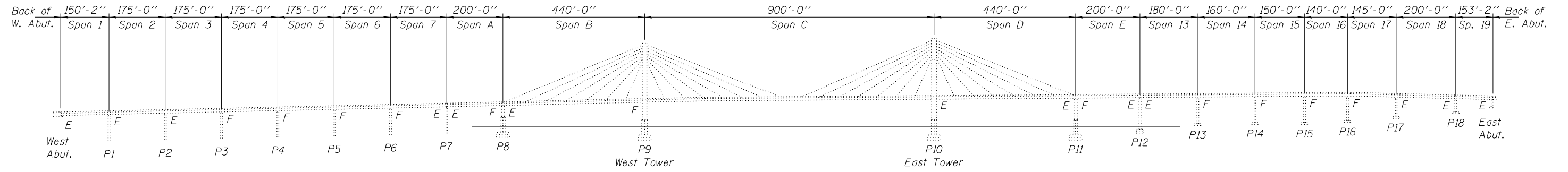
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & LOCATION MAP
LOCATION #1: SN 034-0062

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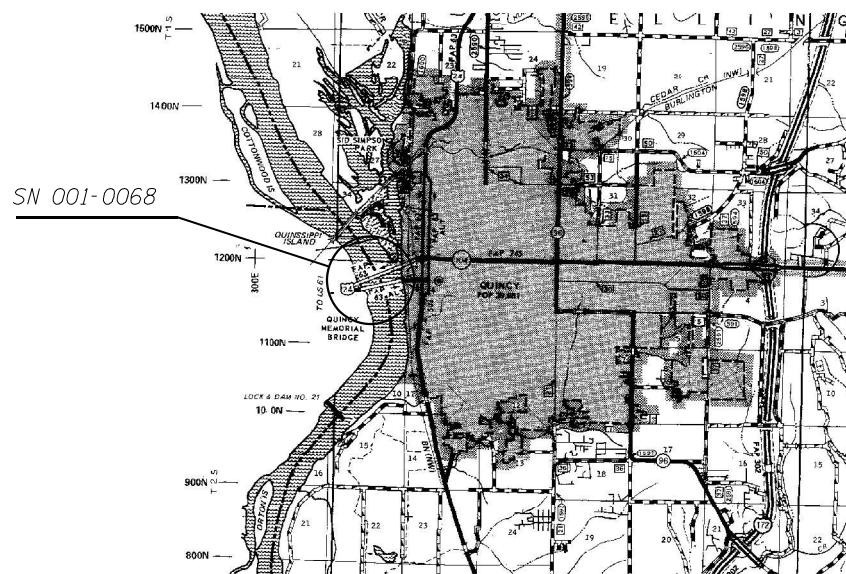
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			CONTRACT NO. 72043	
		ILLINOIS FED. AID PROJECT		



SN 001-0068 ELEVATION



SN 001-0068 PLAN



LOCATION MAP

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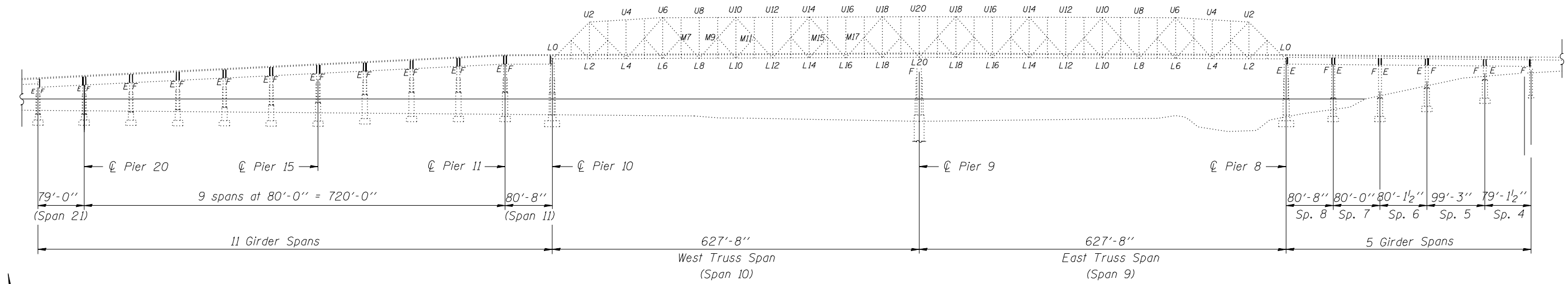
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

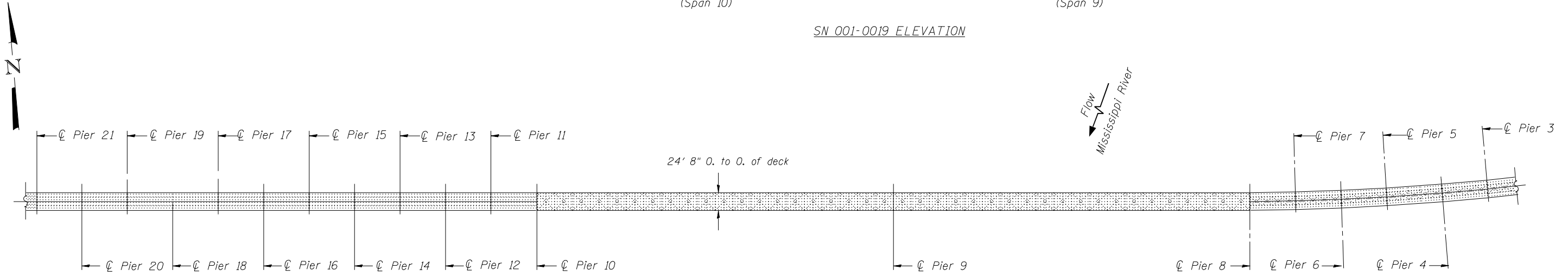
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LOCATION #2: SN 001-0068**

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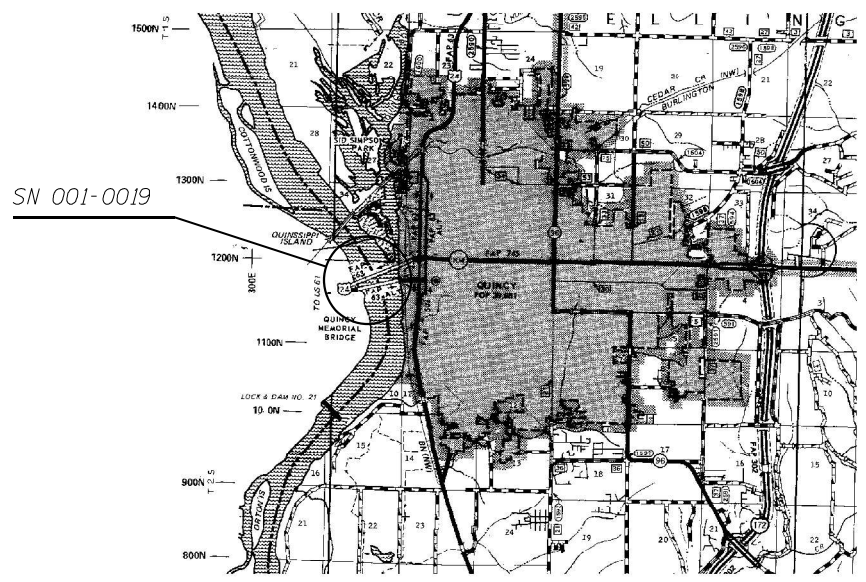
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		ILLINOIS	FED. AID PROJECT	



SN 001-0019 ELEVATION



SN 001-0019 PLAN



LOCATION MAP

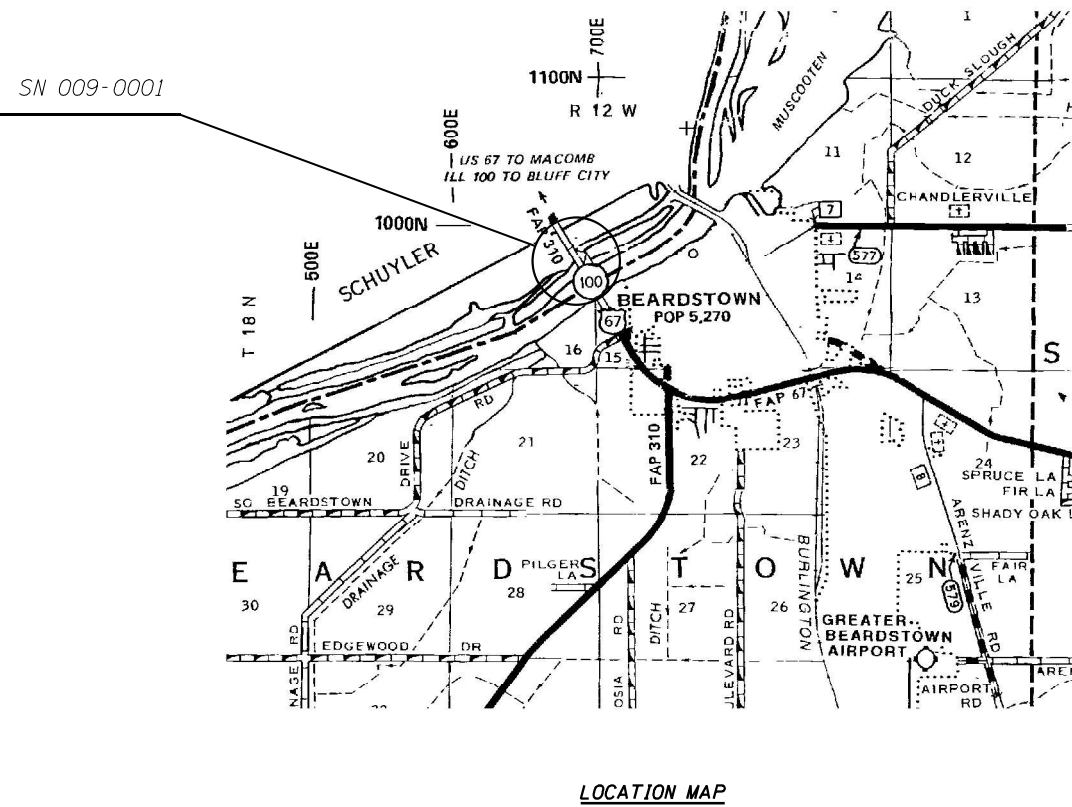
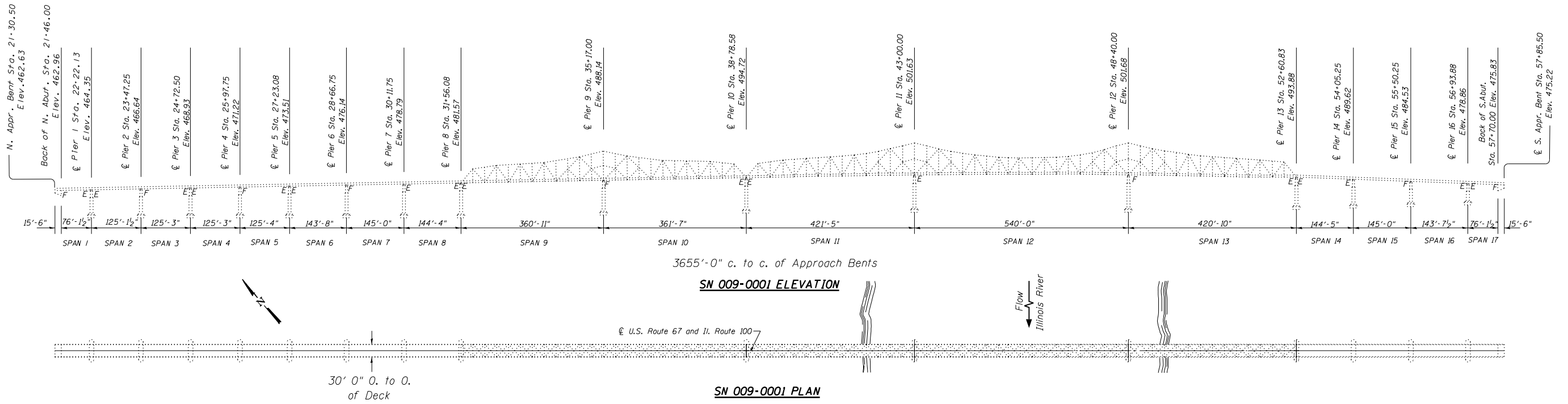
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PLOT DATE = 10/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & LOCATION MAP LOCATION #3: SN 001-0019			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 72043	
		ILLINOIS FED. AID PROJECT		



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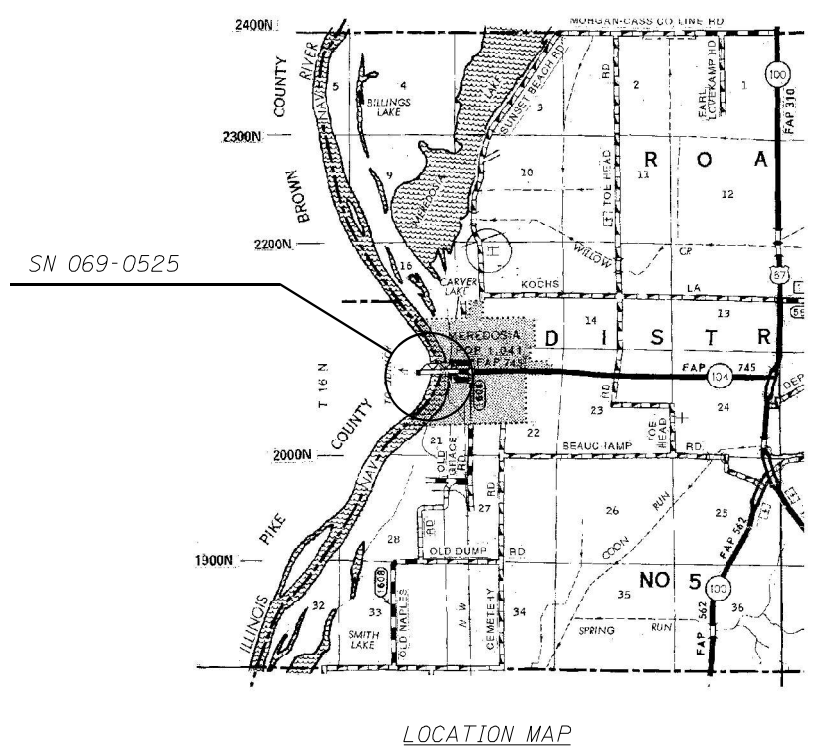
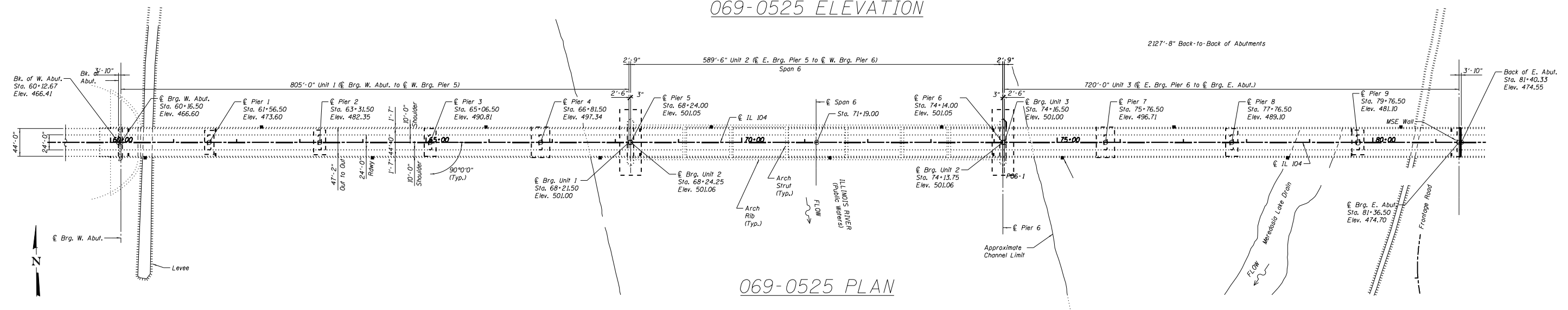
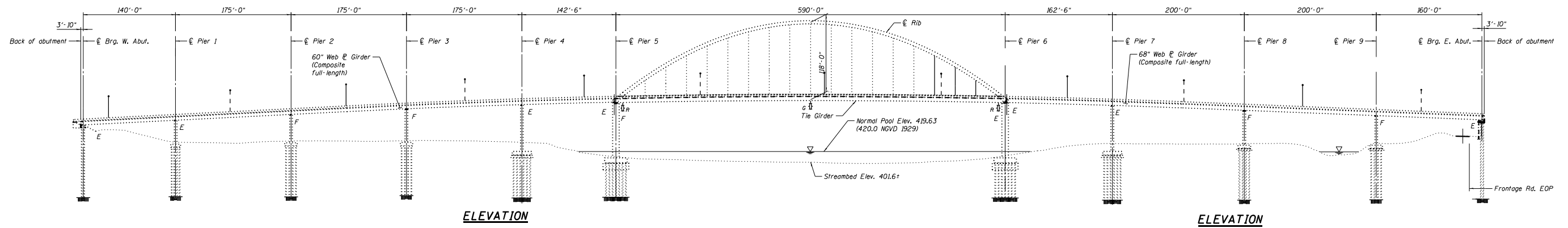
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & LOCATION MAP
LOCATION #4: SN 009-0001**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2023	VARIOUS	11	7
			CONTRACT NO. 72043	
		ILLINOIS	FED. AID PROJECT	



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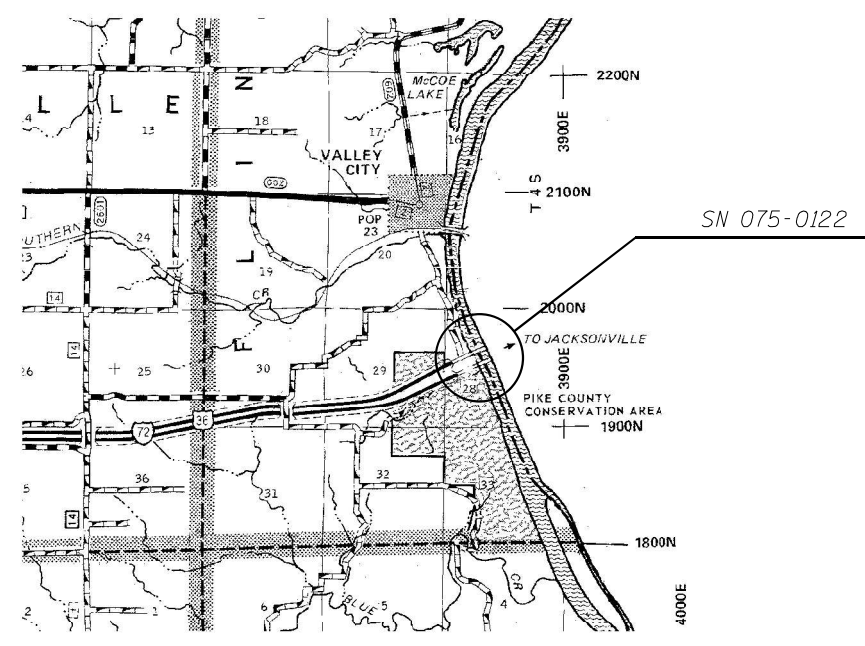
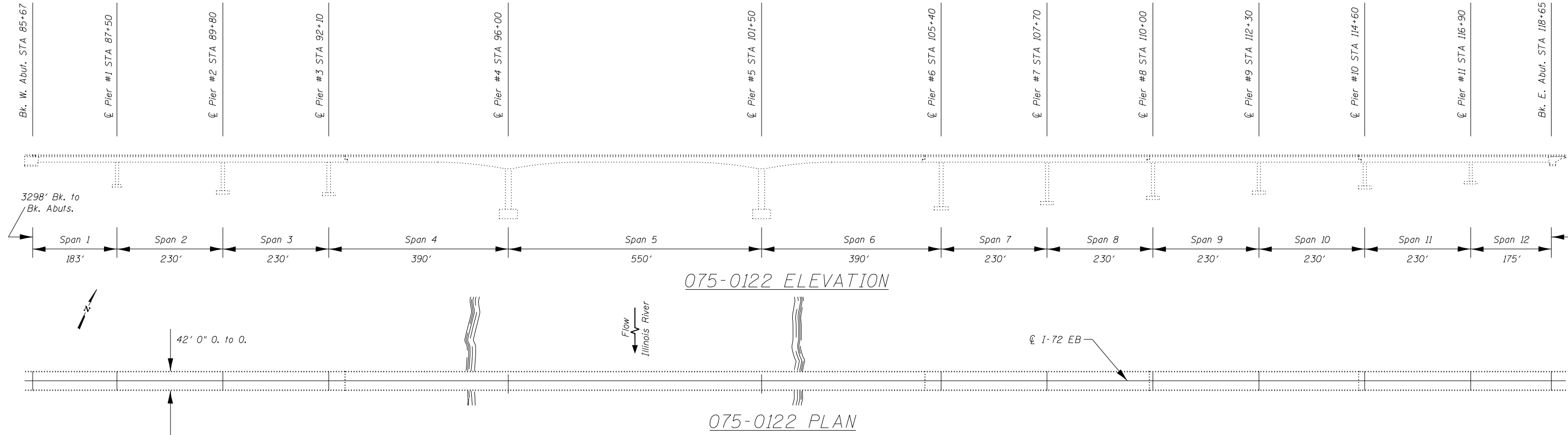
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PLOT DATE = 10/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & LOCATION MAP
 LOCATION #5: SN 069-0525**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 72043	
		ILLINOIS	FED. AID PROJECT	



LOCATION MAP

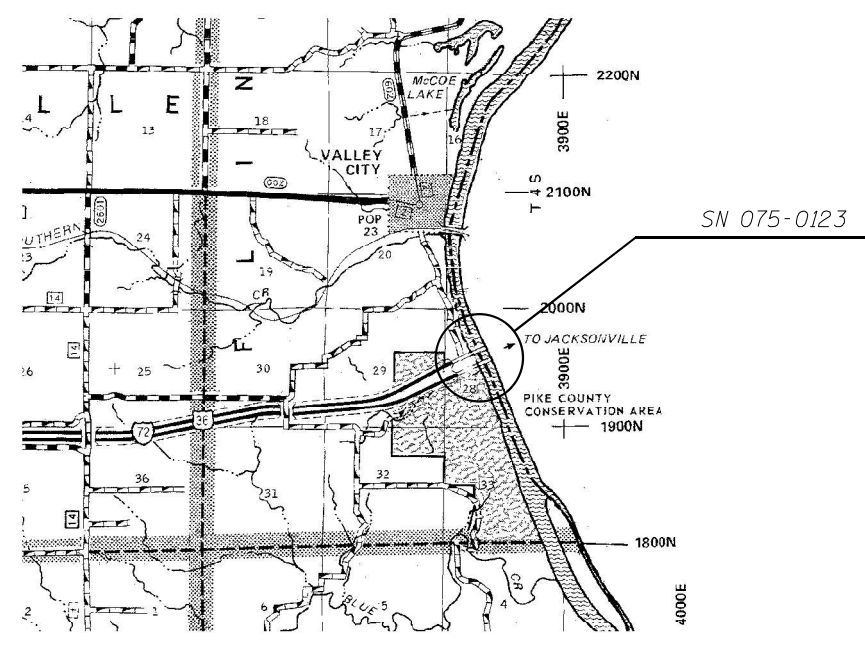
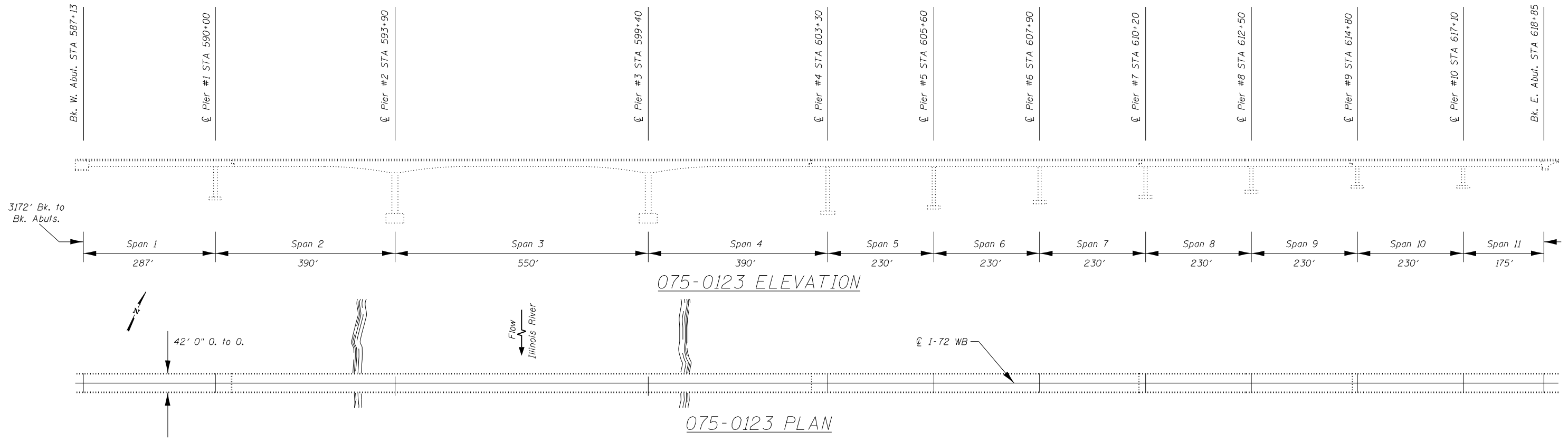
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PLOT DATE = 10/18/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & LOCATION MAP LOCATION #6: SN 075-0122			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 72043	
ILLINOIS FED. AID PROJECT				



LOCATION MAP

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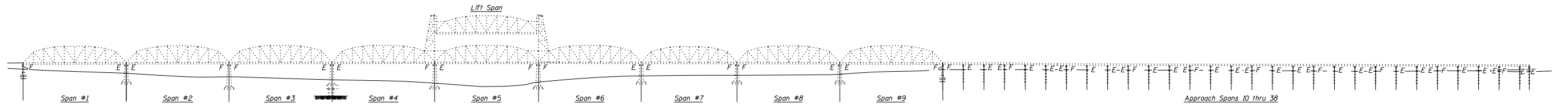
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

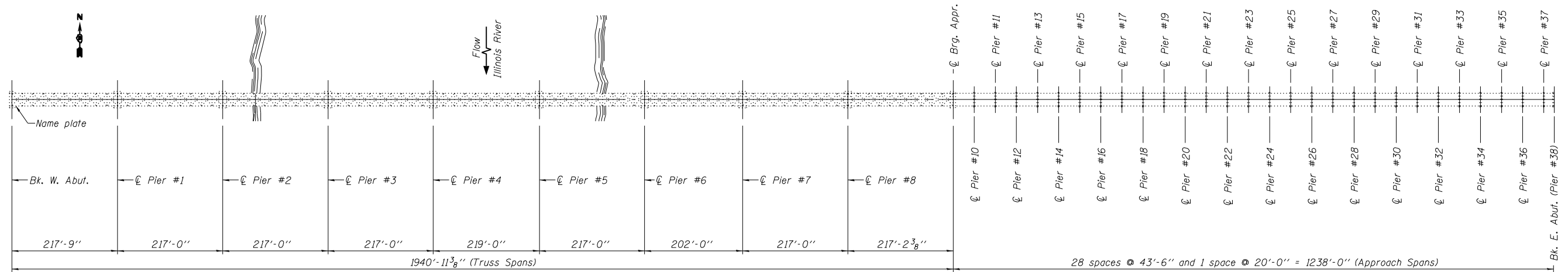
BRIDGE PLAN & LOCATION MAP
LOCATION #7: SN 075-0123

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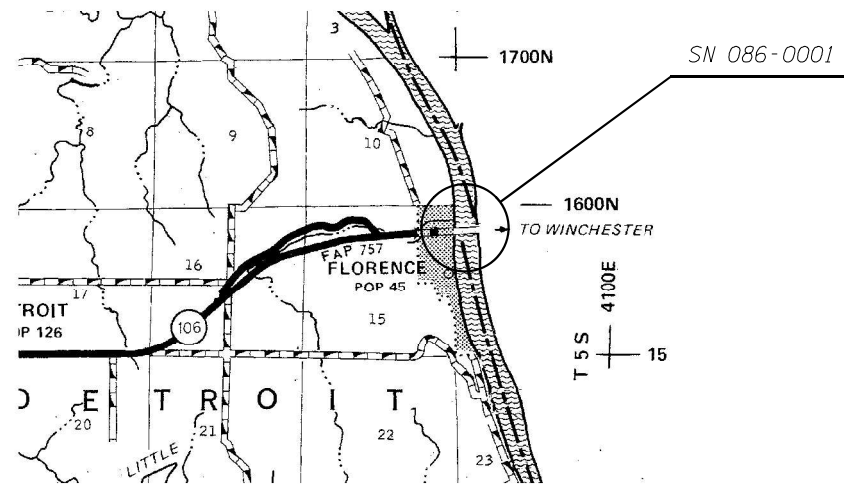
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		ILLINOIS	FED. AID PROJECT	



SN 086-0001 ELEVATION



SN 086-0001 PLAN



LOCATION MAP

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PLOT DATE = 10/18/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & LOCATION MAP
LOCATION #8: SN 086-0001**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2023	VARIOUS	11	11
			CONTRACT NO. 72043	
		ILLINOIS	FED. AID PROJECT	