

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	1
		ILLINOIS	CONTRACT NO. 72616	

01-19-2024 LETTING ITEM 107

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

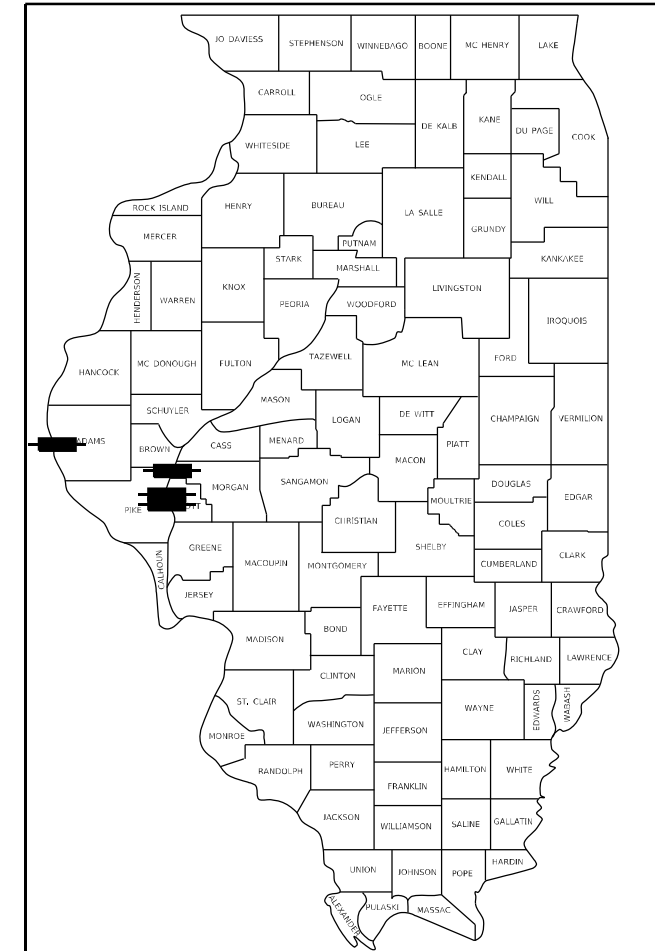
**PROPOSED
HIGHWAY PLANS**

**VARIOUS ROUTES
SECTION D6 BRIDGE CLEANING 2024
PROJECT NHPP-STP-CQVP(744)
BRIDGE WASHING
VARIOUS COUNTIES**

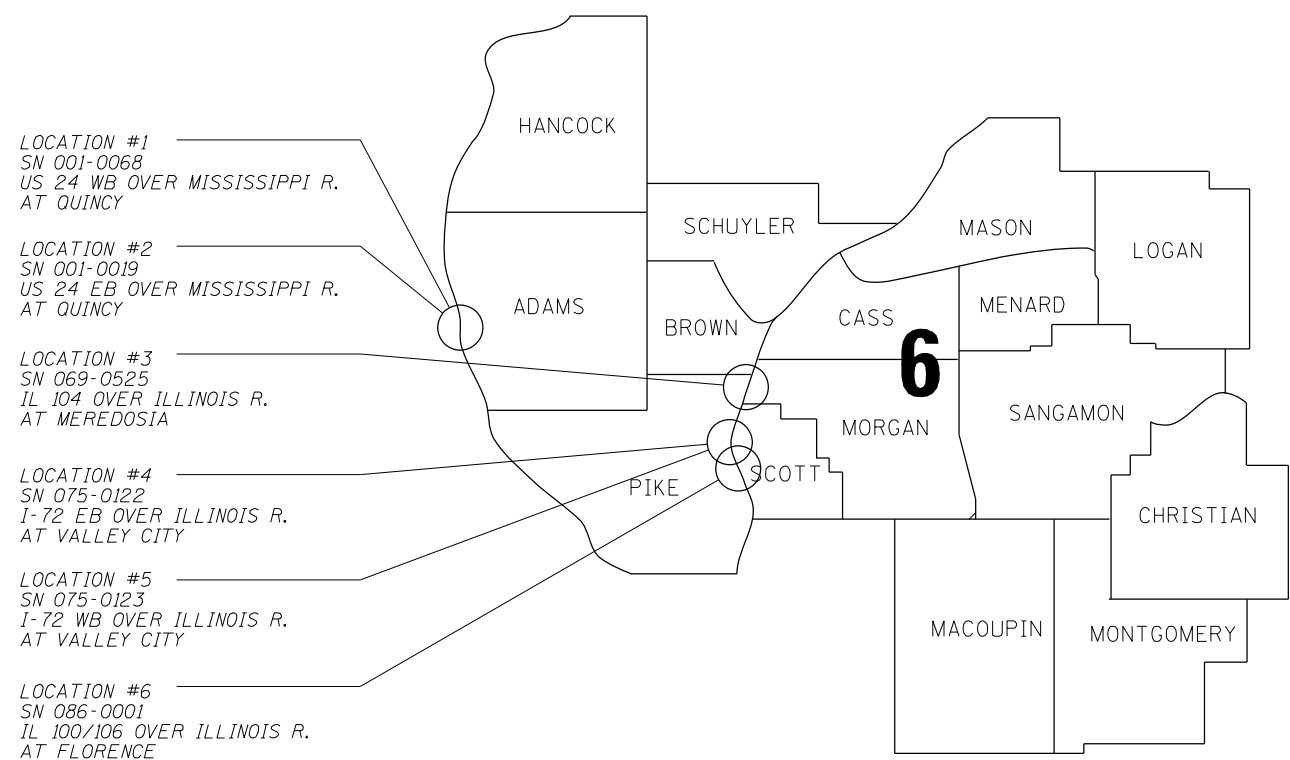
C-96-027-24

FOR INDEX OF SHEETS, SEE SHEET NO. 2

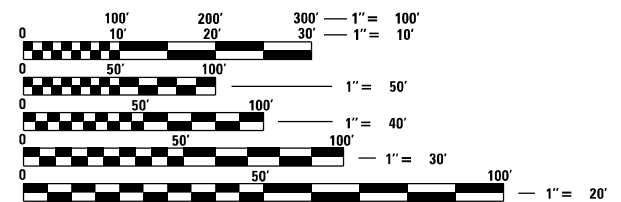
D-96-011-24



LOCATION OF SECTION INDICATED THUS: — —



- LOCATION #1
SN 001-0068
US 24 WB OVER MISSISSIPPI R.
AT QUINCY
- LOCATION #2
SN 001-0019
US 24 EB OVER MISSISSIPPI R.
AT QUINCY
- LOCATION #3
SN 069-0525
IL 104 OVER ILLINOIS R.
AT MEREDOSIA
- LOCATION #4
SN 075-0122
I-72 EB OVER ILLINOIS R.
AT VALLEY CITY
- LOCATION #5
SN 075-0123
I-72 WB OVER ILLINOIS R.
AT VALLEY CITY
- LOCATION #6
SN 086-0001
IL 100/106 OVER ILLINOIS R.
AT FLORENCE



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. 72616

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 13, 2023

REGIONAL ENGINEER

December 8, 2023

ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023

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
- 4-9 LOCATION MAPS AND BRIDGE PLANS

STANDARDS

- 000001-08
- 001006
- 701001-02
- 701006-05
- 701101-05
- 701106-02
- 701201-05
- 701400-12
- 701406-13
- 701601-09
- 701901-09

GENERAL NOTES:

BRIDGE #1 - 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 #2 - 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 #3 - 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 #4 - 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 #5 - 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 #6 - 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	September, 20 20 23
 ENGINEER OF OPERATIONS	
EXAMINED	October, 3 20 23
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	October, 6 20 23
 ENGINEER OF PROGRAM DEVELOPMENT	

REV. - MS

MODEL: Default
FILE NAME: S:\updates\bridgeplans_CAD\72616 - bridge washing 2023\plan sheet.dgn

USER NAME = Brandon.Dudley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, SIGNATURES, & GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 165.0000' / in.	DRAWN -	REVISED -			VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	2	CONTRACT NO. 72616	
PLOT DATE = 10/11/2023	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-01293-6002	0-01293-6002	0-01293-6002	0-01293-6002	0-01293-6004	0-01293-6003	0-01293-6003	0-01293-6004
				NHPP 80/20	100% MO	NHPP 80/20	100% MO	STP 80/20	NHPP 90/10	NHPP 90/10	STP 80/20
				SN 001-0068	SN 001-0068	SN 001-0019	SN 001-0019	SN 069-0525	SN 075-0122	SN 075-0123	SN 086-0001
				0047/urban IL/ADAMS	0047/urban MO/ADAMS	0047/urban IL/ADAMS	0047/urban MO/ADAMS	0047/rural MORGAN	0047/rural PIKE	0047/rural PIKE	0047/rural SCOTT
59200101	BRIDGE WASHING NO. 1	EACH	1	0.5	0.5	0	0	0	0	0	0
59200102	BRIDGE WASHING NO. 2	EACH	1	0	0	0.5	0.5	0	0	0	0
59200103	BRIDGE WASHING NO. 3	EACH	1	0	0	0	0	1	0	0	0
59200104	BRIDGE WASHING NO. 4	EACH	1	0	0	0	0	0	1	0	0
59200105	BRIDGE WASHING NO. 5	EACH	1	0	0	0	0	0	0	1	0
59200106	BRIDGE WASHING NO. 6	EACH	1	0	0	0	0	0	0	0	1
67100100	MOBILIZATION	L SUM	1	0.12	0.13	0.13	0.12	0.13	0.13	0.12	0.12
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	0	0	0	0.5	0	0	0.5
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0	0	0	0	0	0.5	0.5	0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.25	0.25	0.25	0.25	0	0	0	0

MODEL: D:\p\h\l
 FILE NAME: S:\Addresses\Bridges\Bridges\CAD\72616 - bridge washing 2024\1\brshsheet.dgn

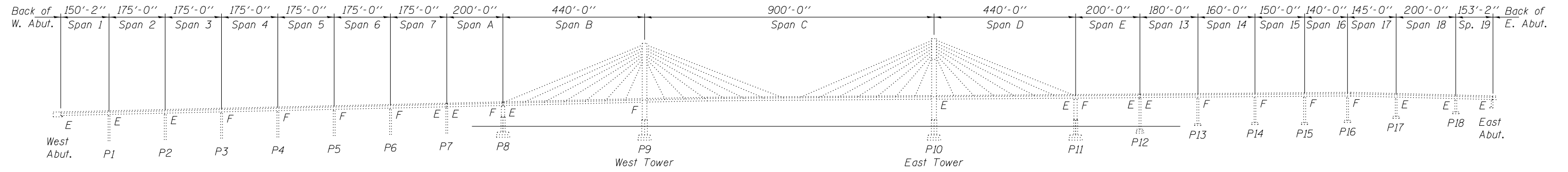
USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 165,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

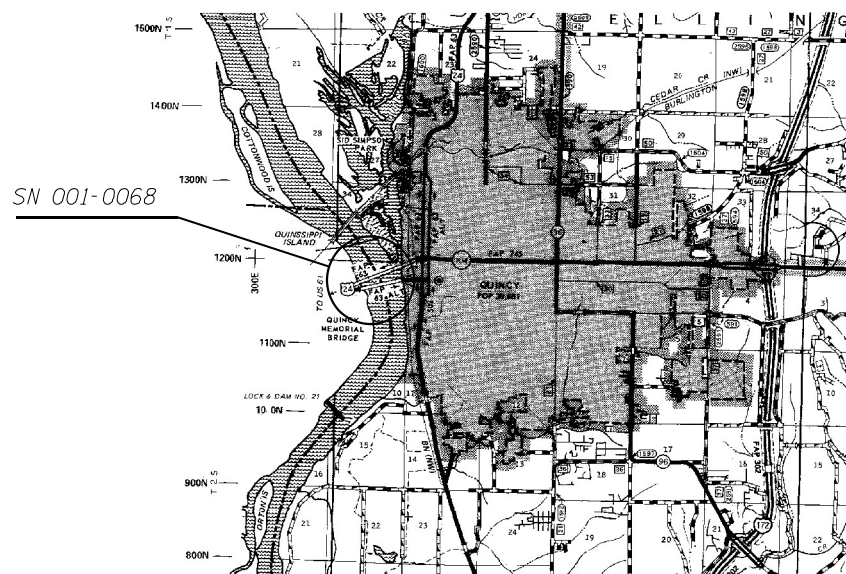
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	3
			CONTRACT NO. 72616	
		ILLINOIS	FED. AID PROJECT	



SN 001-0068 ELEVATION



SN 001-0068 PLAN



LOCATION MAP

MODEL: Default
FILE NAME: S:\Addresses\Bridges\plans_CAD\72616 - bridge_washlog_2024\plan-sheet.dgn

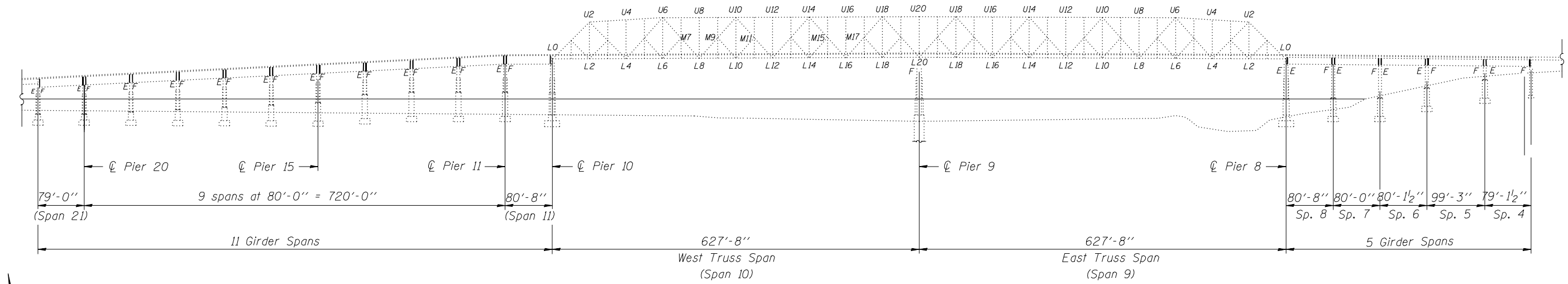
USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 165,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

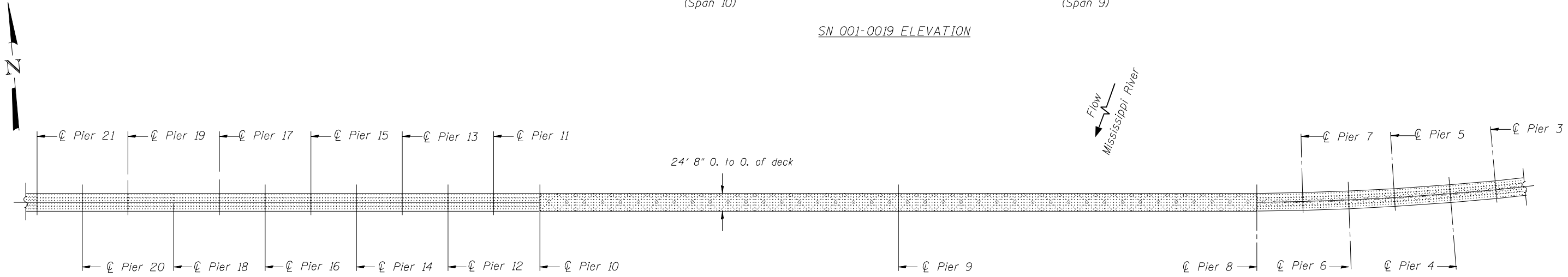
BRIDGE PLAN & LOCATION MAP
LOCATION #1: SN 001-0068

SCALE: SHEET OF SHEETS STA. TO STA.

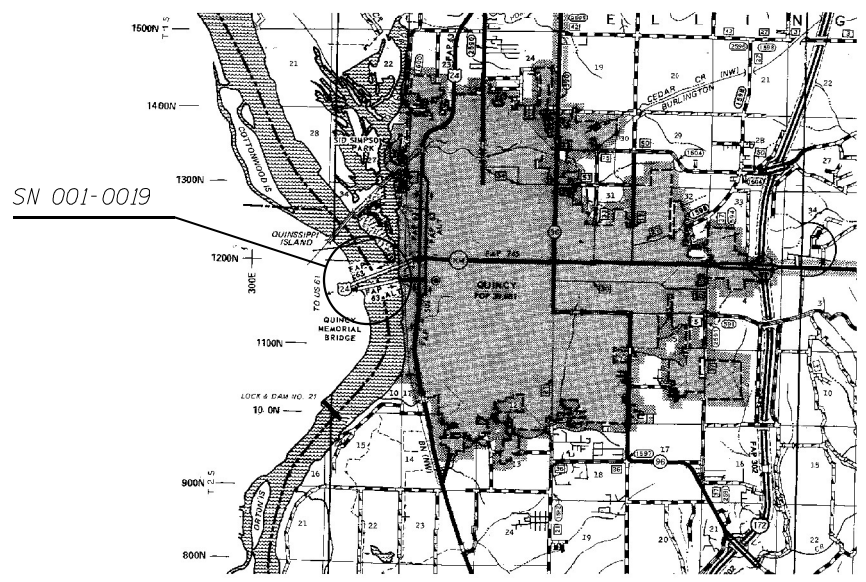
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	4
			CONTRACT NO. 72616	
		ILLINOIS	FED. AID PROJECT	



SN 001-0019 ELEVATION



SN 001-0019 PLAN



LOCATION MAP

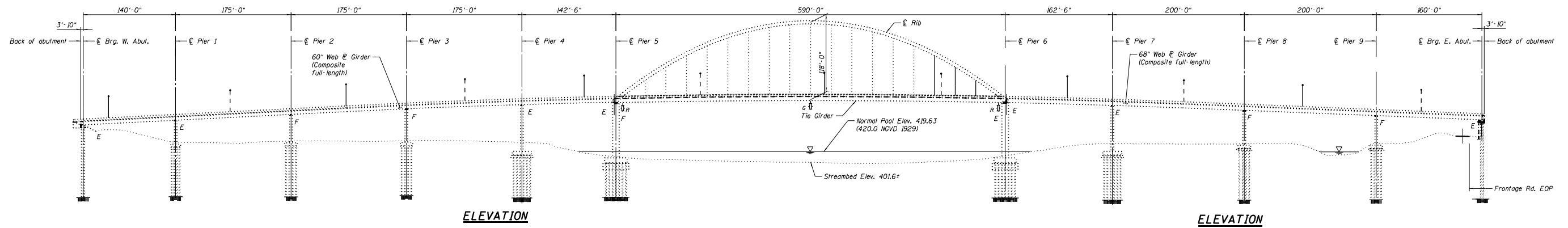
MODEL: Default
 FILE NAME: S:\Addresses\Bridges\plan\SN_001-0019 - bridge_washlog_2023.dwg
 PLOT DATE: 10/11/2023

USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 165,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

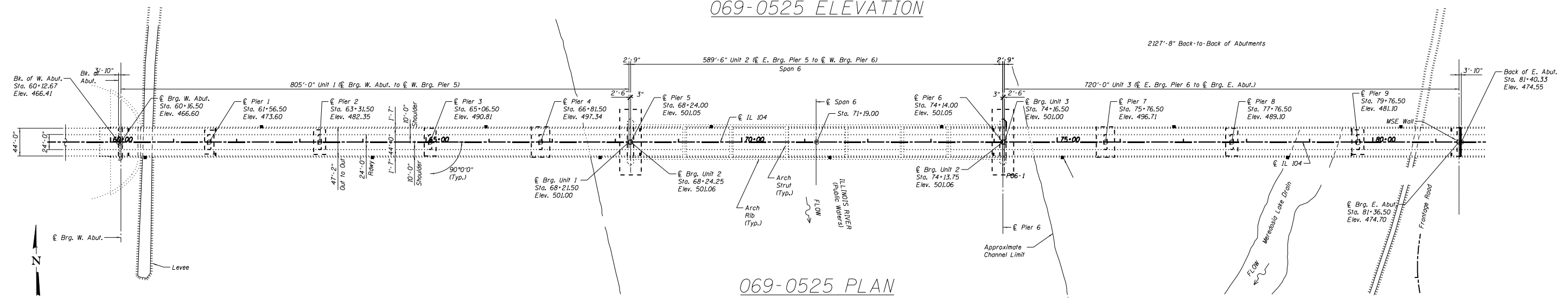
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRIDGE PLAN & LOCATION MAP			
LOCATION #2: SN 001-0019			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

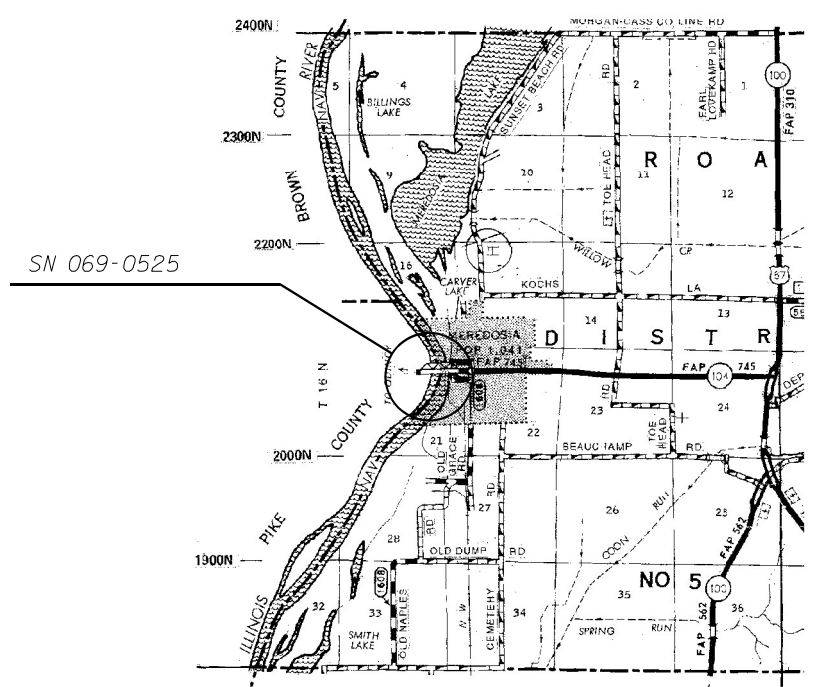
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	5
			CONTRACT NO. 72616	
		ILLINOIS FED. AID PROJECT		



069-0525 ELEVATION



069-0525 PLAN



LOCATION MAP

MODEL: D:\p\br... FILE NAME: S:\Addresses\Bridges\069-0525 - bridge_washing_2023\01\brnsheet.dgn

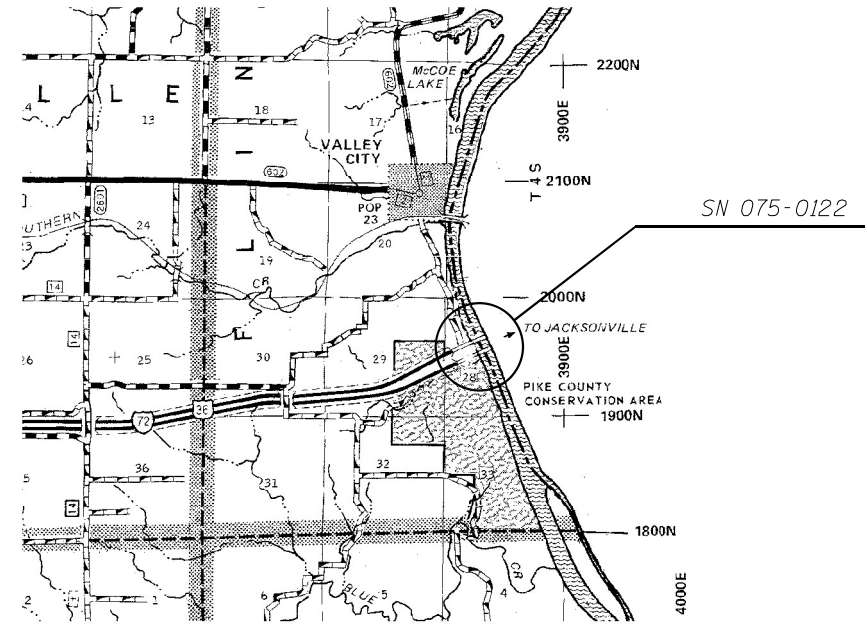
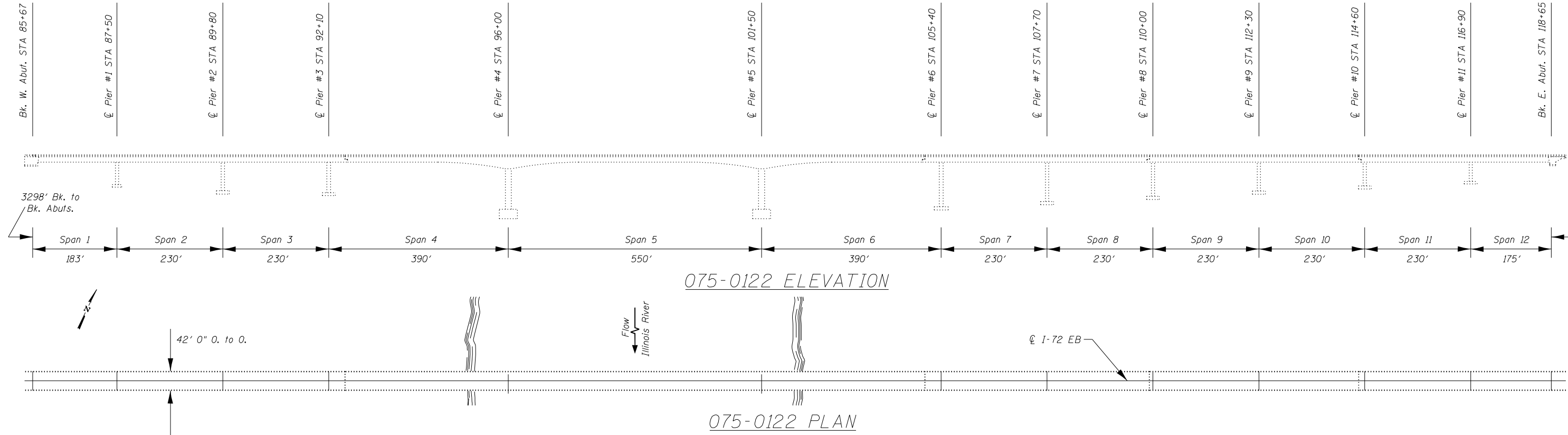
USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 165,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & LOCATION MAP
LOCATION #3: SN 069-0525**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	6
			CONTRACT NO. 72616	
		ILLINOIS	FED. AID PROJECT	



LOCATION MAP

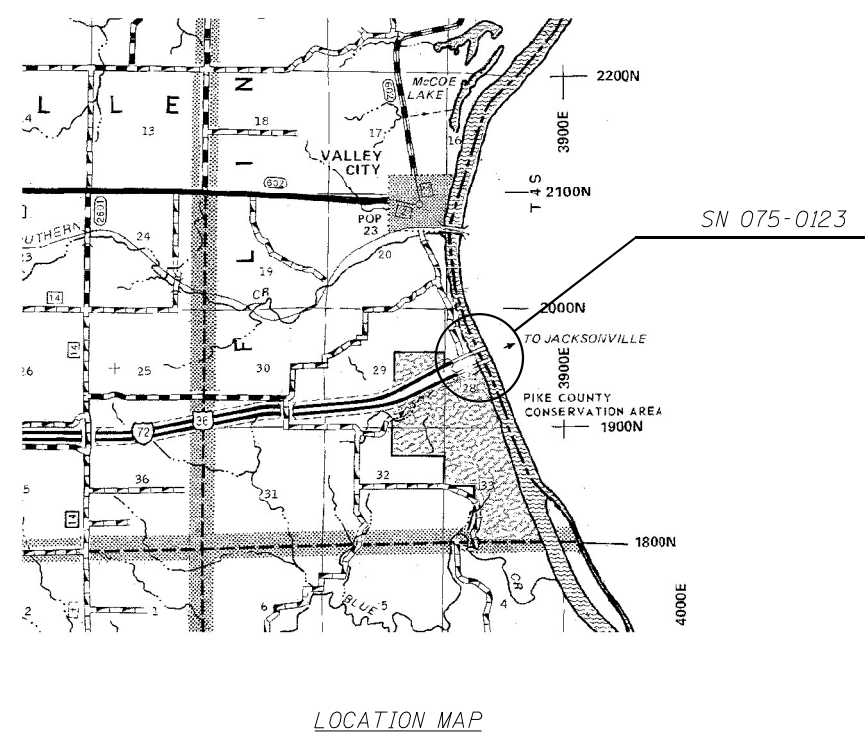
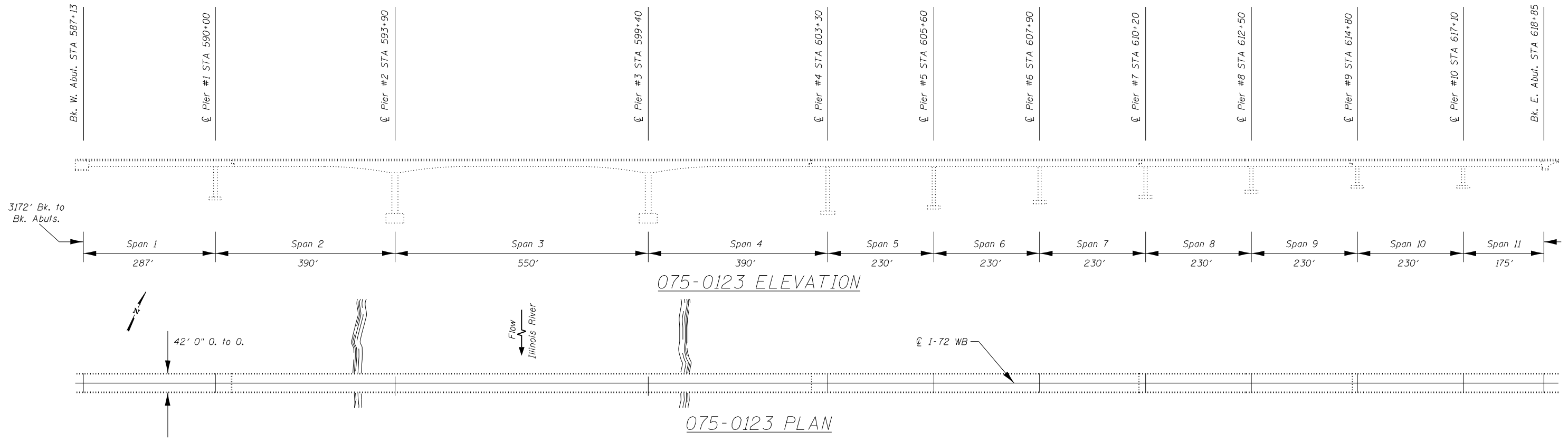
MODEL: D:\p\h\l
 FILE: Abut. S\Bridges\Bridges\075-0122 - bridge.wsdwg 20231011\sheet.dgn

USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1/65,000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & LOCATION MAP LOCATION #4: SN 075-0122			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	7
			CONTRACT NO. 72616	
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: S:\Addresses\Bridges\plans_CAD\72616 - bridge_washing_2024\brnsheet.dgn

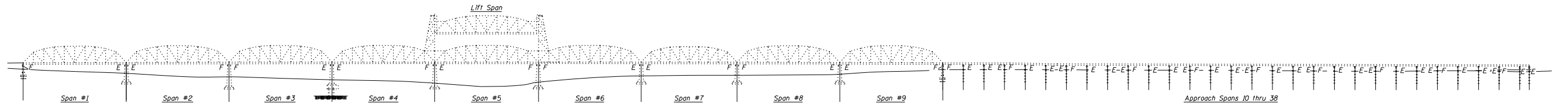
USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 1/65,000" = 1" / 65,000'	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

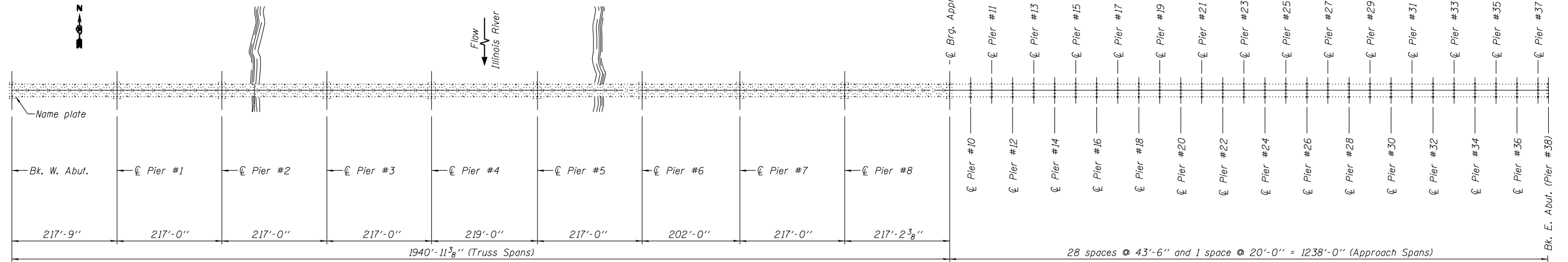
BRIDGE PLAN & LOCATION MAP
LOCATION #5: SN 075-0123

SCALE: SHEET OF SHEETS STA. TO STA.

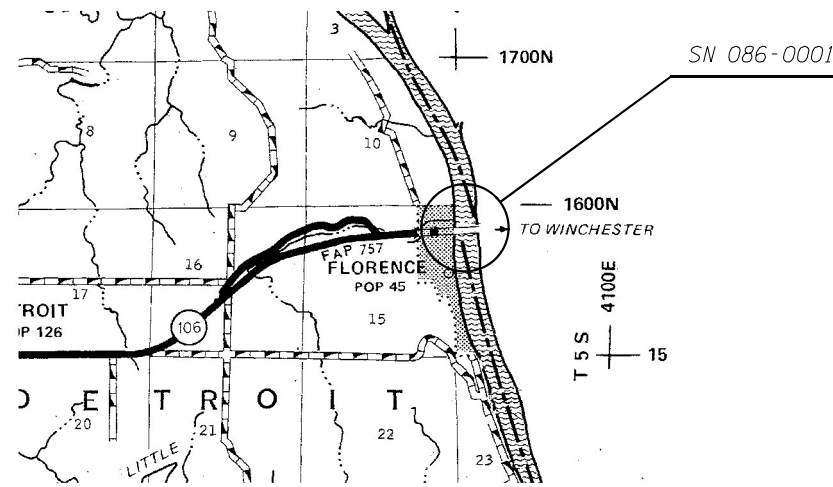
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	8
			CONTRACT NO. 72616	
		ILLINOIS	FED. AID PROJECT	



SN 086-001 ELEVATION



SN 086-001 PLAN



LOCATION MAP

MODEL: D:\p\h\l...
 FILE: \name\...
 C:\Users\Brandon.Dudley\AppData\Local\Temp\2023-11-11\bridge_washing_2023-11-11\sheet.dgn

USER NAME = Brandon.Dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1/65,000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & LOCATION MAP
LOCATION #6: SN 086-0001**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE CLEANING 2024	VARIOUS	9	9
			CONTRACT NO. 72616	
		ILLINOIS	FED. AID PROJECT	