

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3B)DR	LOGAN	8	1
		ILLINOIS	CONTRACT NO. 72N36	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

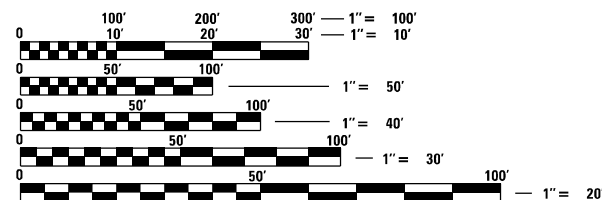
**PROPOSED
CONTRACT MAINTENANCE**

**FAI ROUTE 55 (I-55)
SECTION (54-3B)DR
PROJECT (STATE)
BRIDGE DRAIN REPAIRS
LOGAN COUNTY**

C-96-017-22

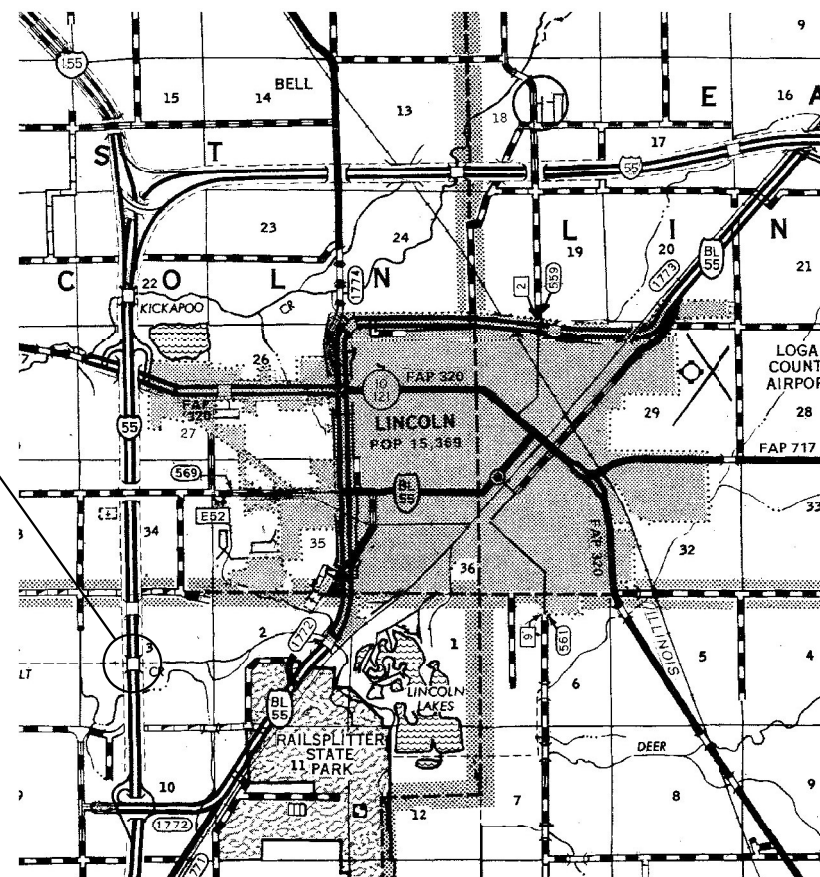


PROJECT LOCATION
SN 054-0041 (SB) & 0042 (NB)
I-55 OVER SALT CREEK
2.2 MI S. IL 10



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

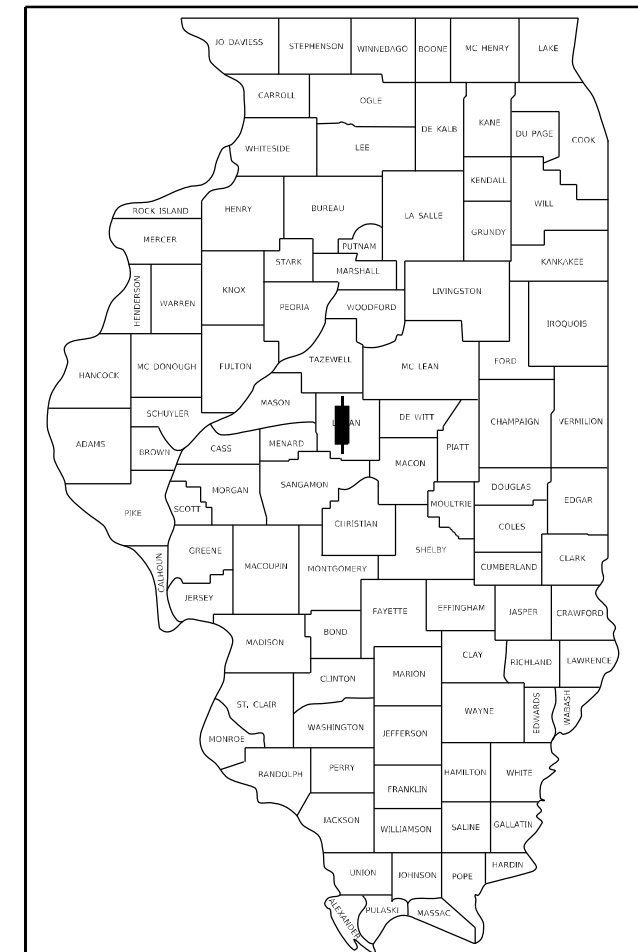


BRIDGE MAINTENANCE ENGINEER: BRANDON DUDLEY - (217) 785-9290

GROSS LENGTH = 675 FT. = 0.13 MILE
NET LENGTH = 675 FT. = 0.13 MILE

CONTRACT NO. 72N36

D-96-013-22



LOCATION OF SECTION INDICATED THIS: - [thick black line] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 31 20 22

John P. Myer
REGIONAL ENGINEER

March 25 20 22
Stephen M. Frail
ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 22
Stephen M. Frail
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS


- 1 COVER SHEET
- 2 INDEX, STANDARDS, SIGNATURES, & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TRAFFIC STAGING DETAILS
- 5-8 SN 054-0041 & 0042 BRIDGE PLANS


STANDARDS


- 000001-08
- 001001-02
- 001006
- 701101-05
- 701106-02
- 701400-11
- 701401-13
- 701901-08

GENERAL NOTES:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED January 31 20 22

ENGINEER OF OPERATIONS

EXAMINED January 31 20 22

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED January 28 20 22

ENGINEER OF PROGRAM DEVELOPMENT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, & SIGNATURES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-38)DR	LOGAN	8	2
CONTRACT NO. 72N36				
ILLINOIS FED. AID PROJECT				

0-02176-6033	0-02176-6033
SN 054-0041	SN 054-0042
100% STATE	100% STATE
BRIDGE	BRIDGE
0047	0047
LOGAN	LOGAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	
				BRIDGE 0047 LOGAN	BRIDGE 0047 LOGAN
28100205	STONE RIPRAP, CLASS A3	TON	80	40	40
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100800	TRAFFIC CONTROL AND PROTECTION , STANDARD 701401	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGNS	CAL DAY	14	7	7
X5030530	FLOOR DRAIN EXTENSION	EACH	57	31	26
Z0015702	DECK DRAIN REPAIR	EACH	124	58	66

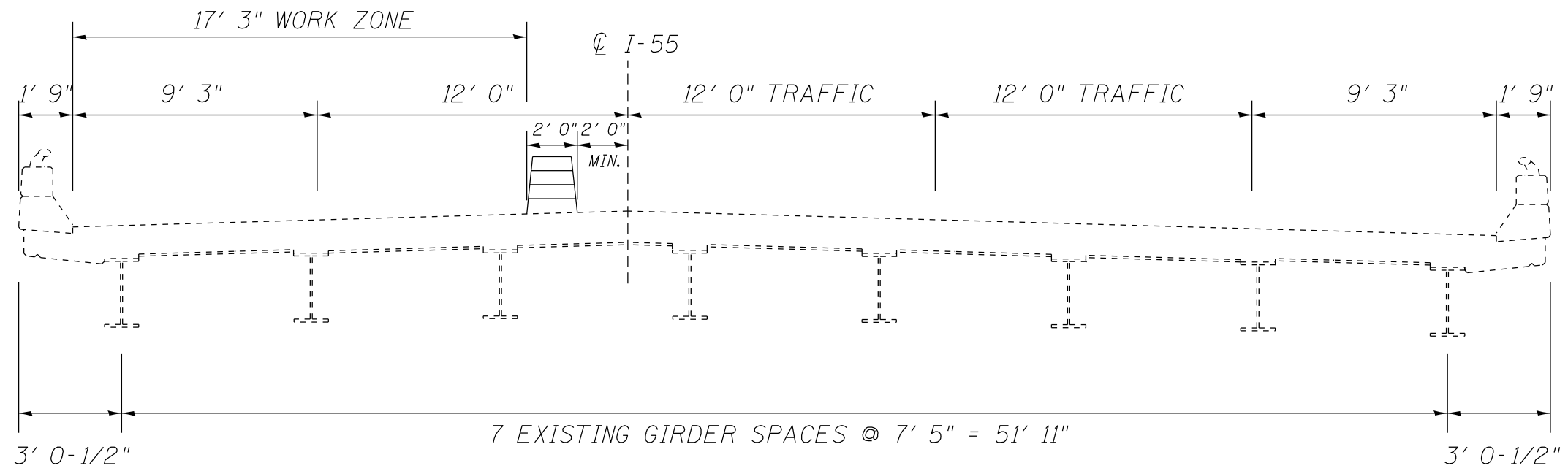
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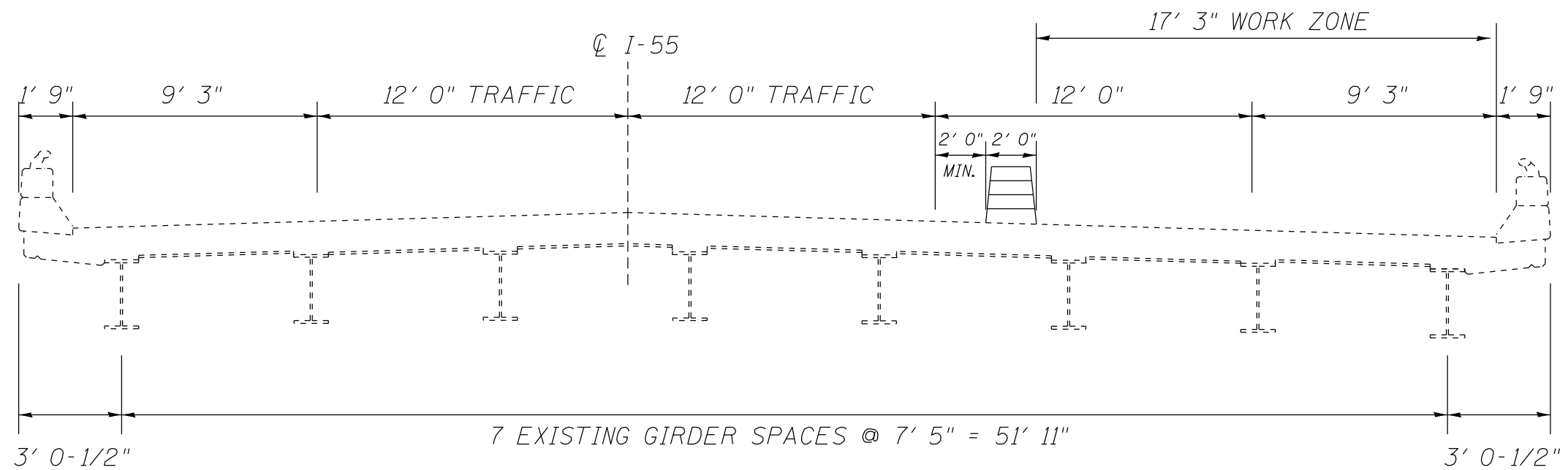
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
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55	(54-38)DR	LOGAN	8	3
CONTRACT NO. 72N36				
ILLINOIS FED. AID PROJECT				



STAGE I TYPICAL BRIDGE CROSS SECTION
(LOOKING IN DIRECTION OF TRAFFIC)



STAGE II TYPICAL BRIDGE CROSS SECTION
(LOOKING IN DIRECTION OF TRAFFIC)

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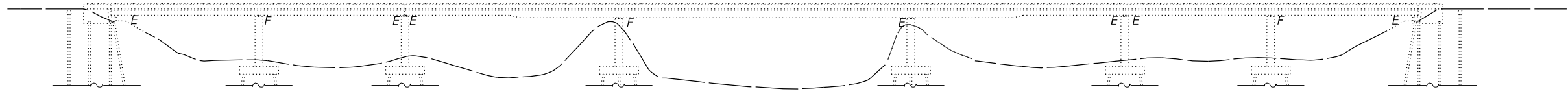
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

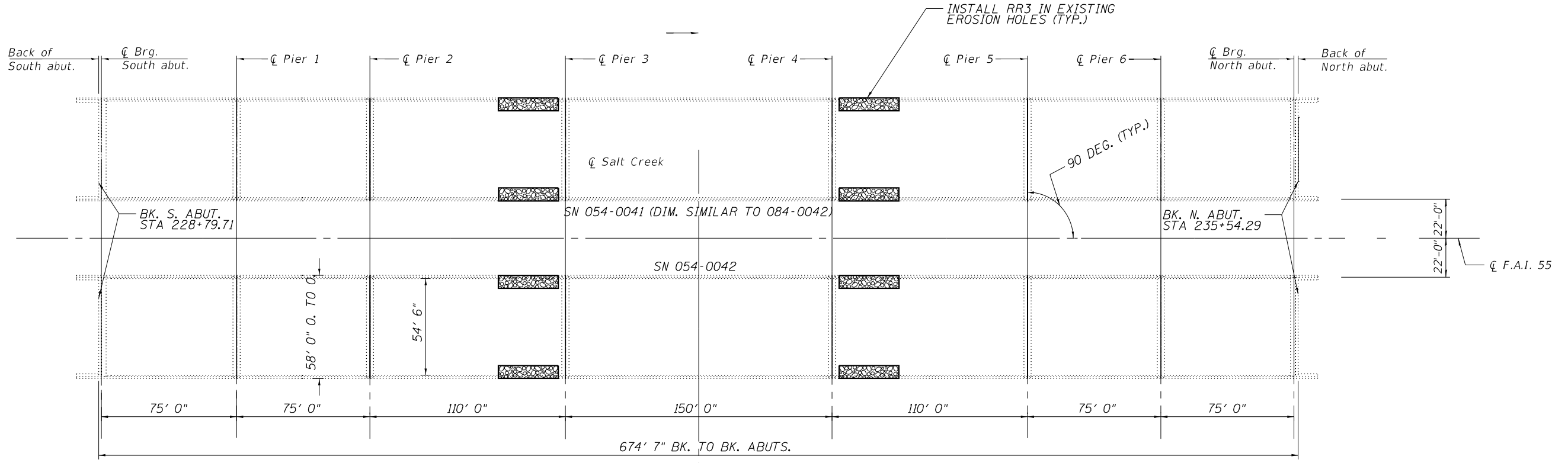
TRAFFIC STAGING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-38)DR	LOGAN	8	4
CONTRACT NO. 72N36				
ILLINOIS FED. AID PROJECT				



ELEVATION



PLAN

STRUCTURE GENERAL NOTES:

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 THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 UNLESS OTHERWISE NOTED.

RIPRAP SHALL BE USED TO REPAIR EXISTING LEVEE EROSION UNDER DECK DRAINS. NO EXCAVATION, FILTER FABRIC, OR BEDDING MATERIAL WILL BE REQUIRED.

TOTAL BILL OF MATERIAL (054-0041 & 0042)

ITEM	UNIT	QUANTITY
Floor Drain Extensions	Each	57
Deck Drain Repair	Each	124
Stone Riprap, Class A3	Ton	80

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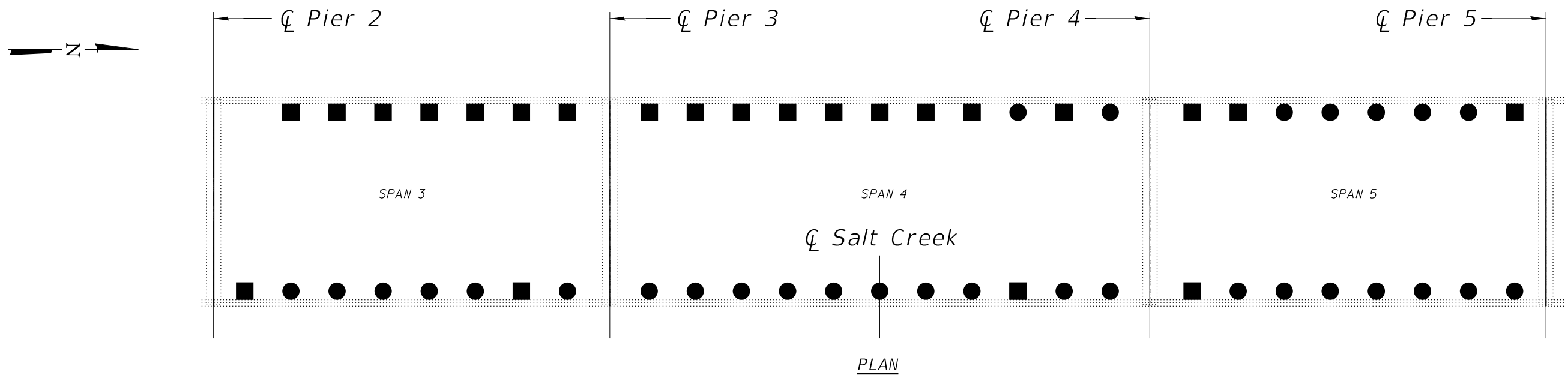
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

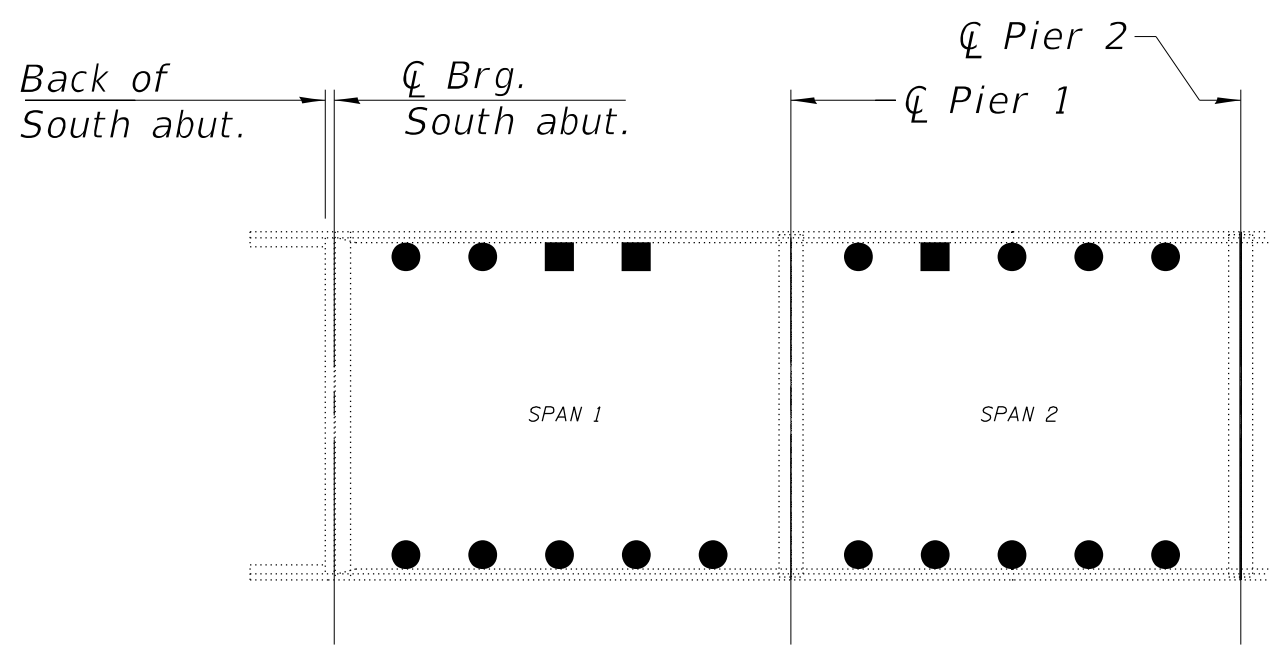
BRIDGE PLAN & ELEVATION
SN 054-0041 & 0042

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

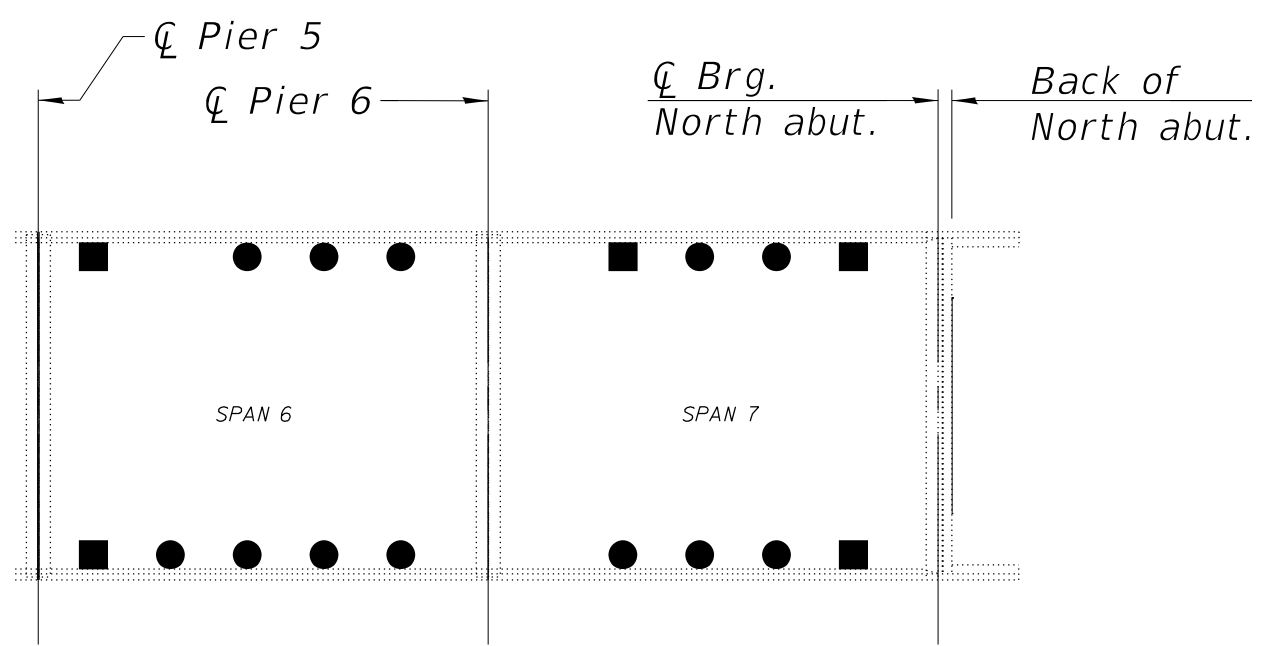
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55	(54-38)DR	LOGAN	8	5
CONTRACT NO. 72N36				
ILLINOIS FED. AID PROJECT				



PLAN



PLAN



PLAN

- PROPOSED DECK DRAIN REPAIR
- PROPOSED FLOOR DRAIN EXTENSION

NOTES:

DECK DRAIN REPAIR SHALL BE AS DESCRIBED IN THE SPECIAL PROVISIONS.

AT LOCATIONS TO RECEIVE NEW FLOOR DRAIN EXTENSIONS, ANY EXISTING DRAIN EXTENSIONS OR EXTENSION HARDWARE SHALL BE REMOVED AND DISPOSED OF PRIOR TO INSTALLING THE NEW EXTENSION. THE EXISTING DRAINS IN THESE LOCATIONS SHALL BE SEALED AROUND THEIR PERIMETER AS DESCRIBED IN THE SPECIAL PROVISION FOR DECK DRAIN REPAIR. THE COST OF ALL WORK IN THIS NOTE SHALL BE INCLUDED IN THE BID PRICE FOR FLOOR DRAIN EXTENSION.

DRAIN REPAIRS (054-0041)

ITEM	UNIT	QUANTITY
Floor Drain Extensions	Each	31
Deck Drain Repair	Each	58

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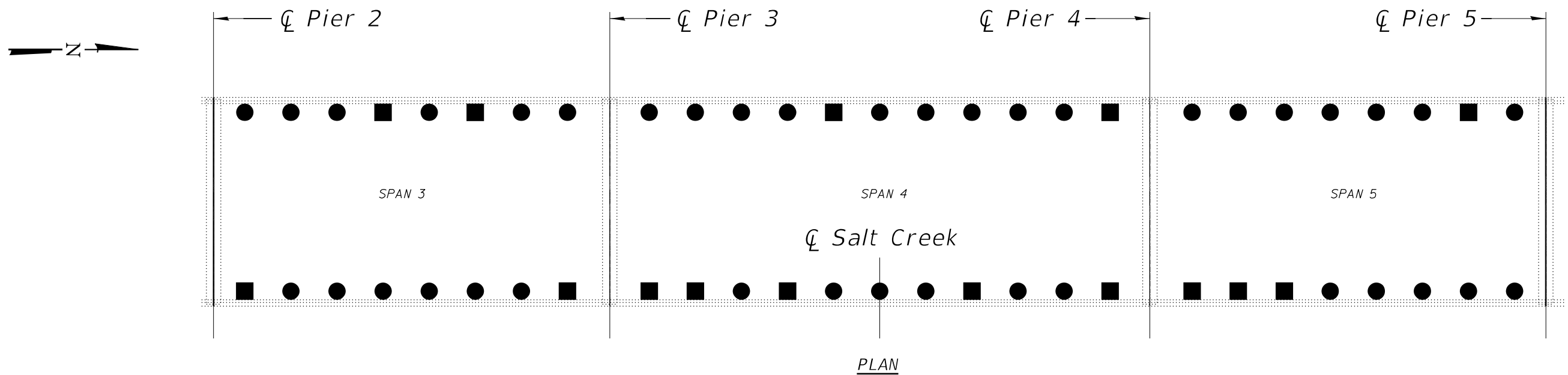
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

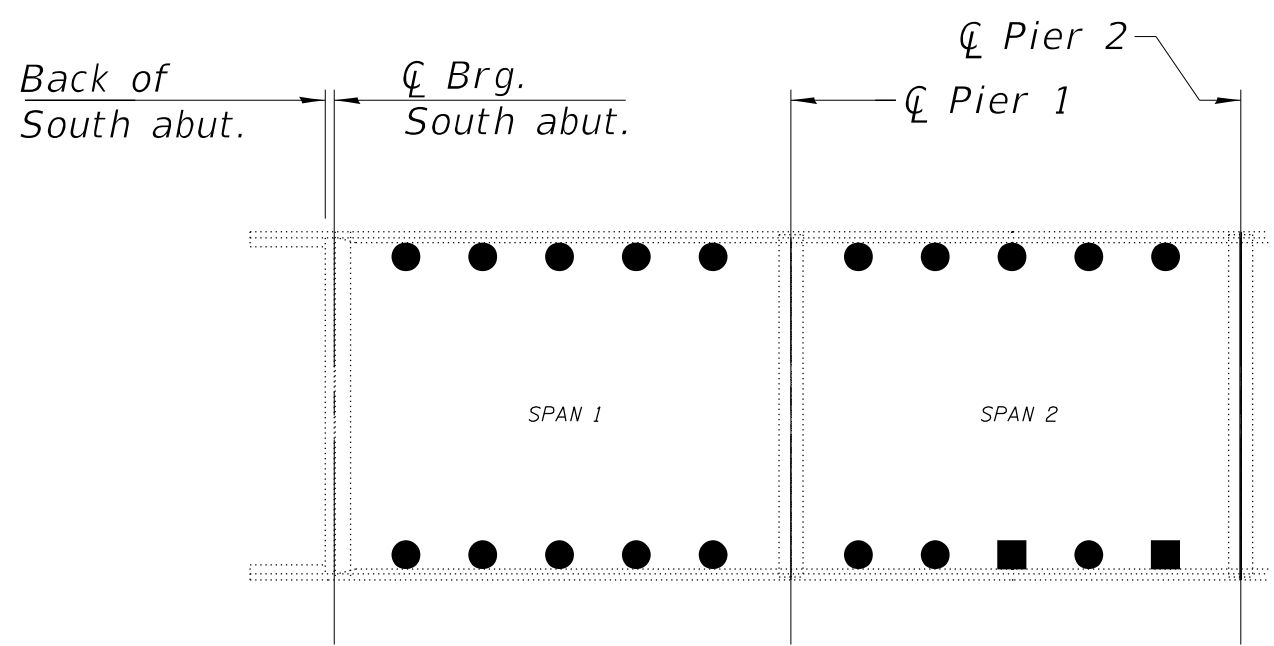
**DRAIN REPAIR LOCATIONS
SN 054-0041**

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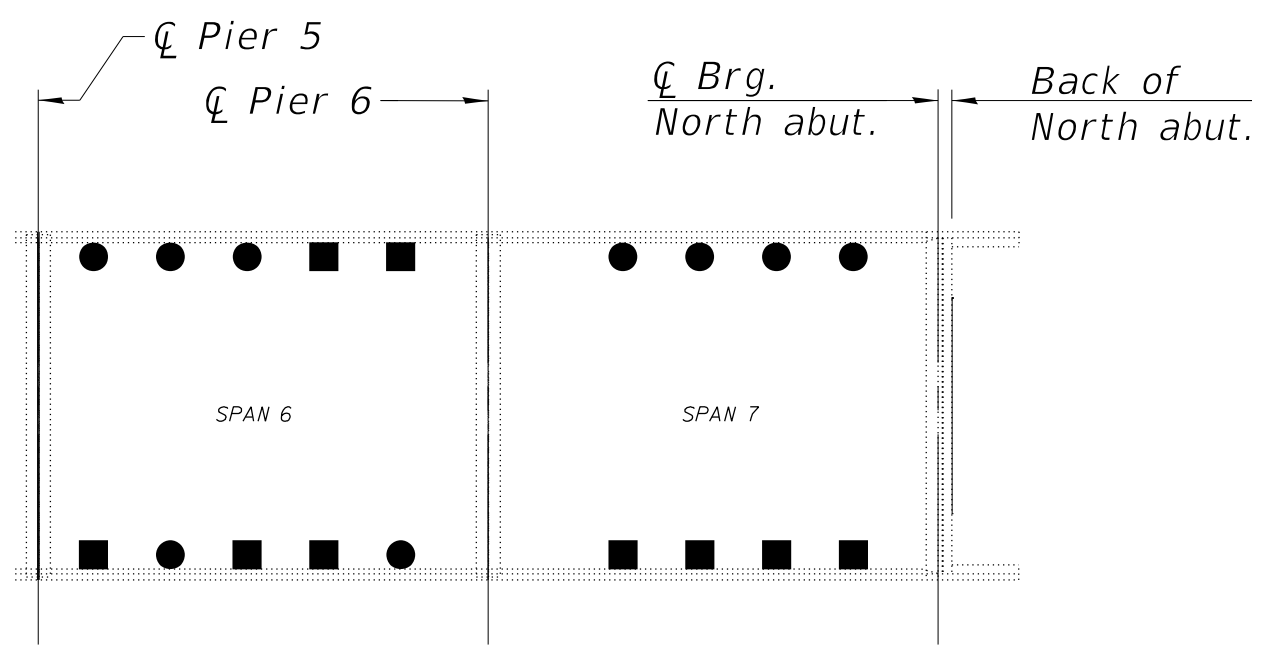
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-38)DR	LOGAN	8	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72N36	



PLAN



PLAN



PLAN

- PROPOSED DECK DRAIN REPAIR
- PROPOSED FLOOR DRAIN EXTENSION

NOTES:

DECK DRAIN REPAIR SHALL BE AS DESCRIBED IN THE SPECIAL PROVISIONS.
 AT LOCATIONS TO RECEIVE NEW FLOOR DRAIN EXTENSIONS, ANY EXISTING DRAIN EXTENSIONS OR EXTENSION HARDWARE SHALL BE REMOVED AND DISPOSED OF PRIOR TO INSTALLING THE NEW EXTENSION. THE EXISTING DRAINS IN THESE LOCATIONS SHALL BE SEALED AROUND THEIR PERIMETER AS DESCRIBED IN THE SPECIAL PROVISION FOR DECK DRAIN REPAIR. THE COST OF ALL WORK IN THIS NOTE SHALL BE INCLUDED IN THE BID PRICE FOR FLOOR DRAIN EXTENSION.

DRAIN REPAIRS (054-0042)

ITEM	UNIT	QUANTITY
Floor Drain Extensions	Each	26
Deck Drain Repair	Each	66

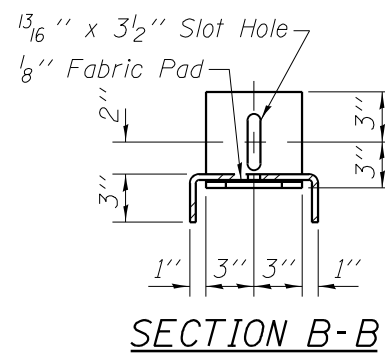
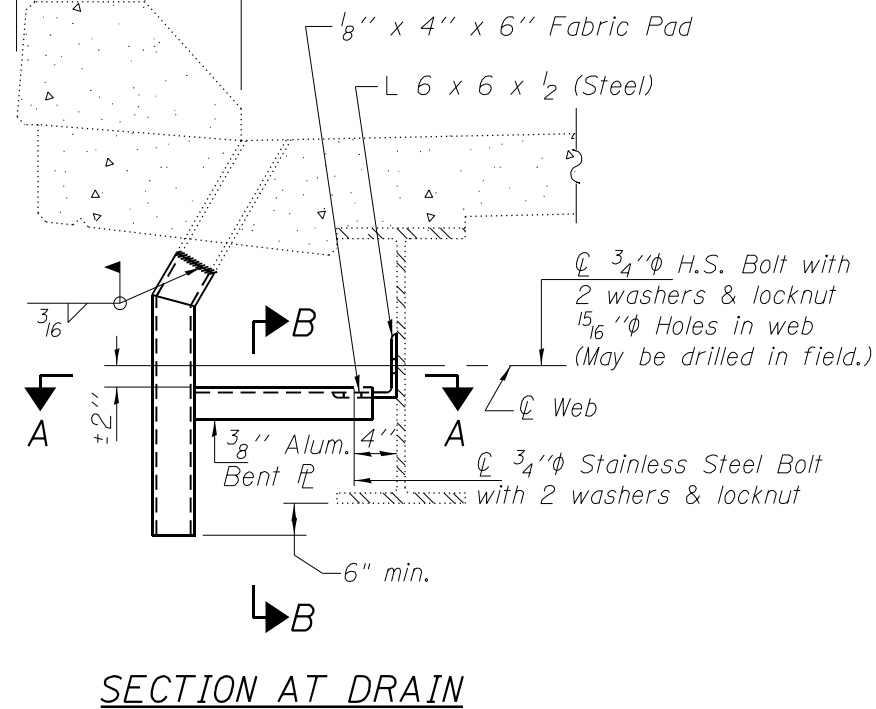
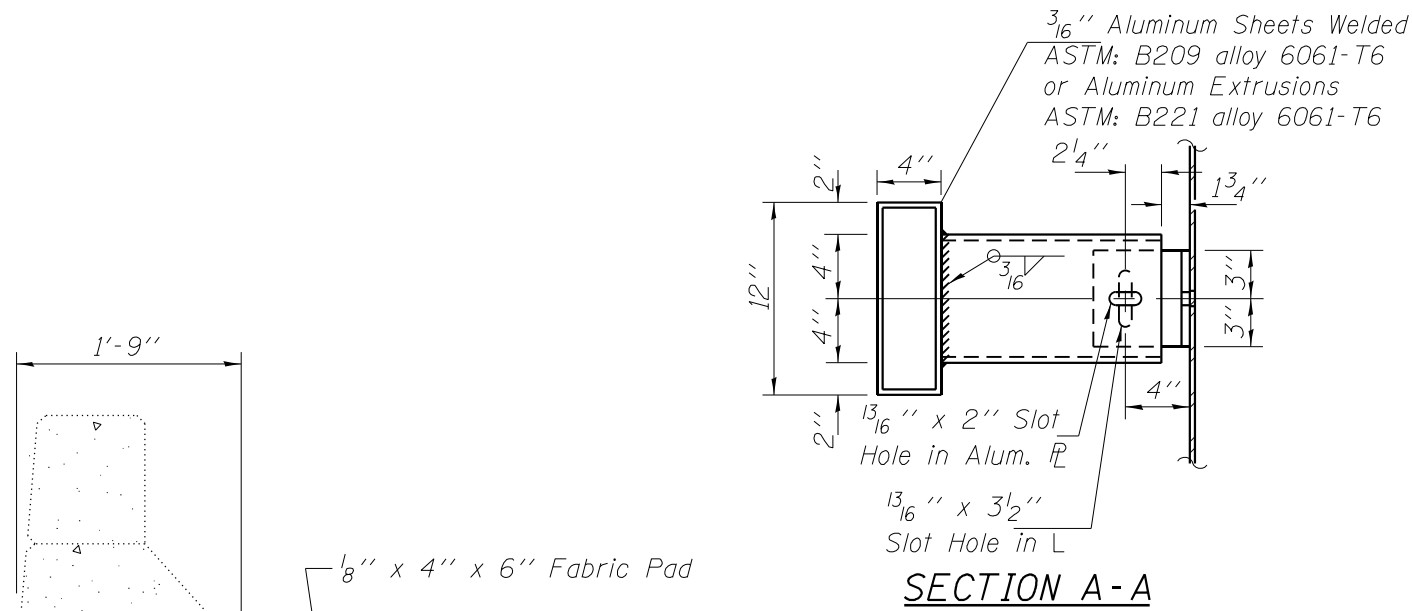
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAIN REPAIR LOCATIONS SN 054-0042			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-38)DR	LOGAN	8	7
CONTRACT NO. 72N36				
ILLINOIS FED. AID PROJECT				



EXISTING DECK DRAIN EXTENSION (TYP.)



DECK DRAIN
SEAL GAPS WITH EXPANDING FOAM AND/OR SILICONE

DECK DRAIN EXTENSION

EXISTING DECK DRAIN TO DRAIN EXTENSION JUNCTION (TYP.)

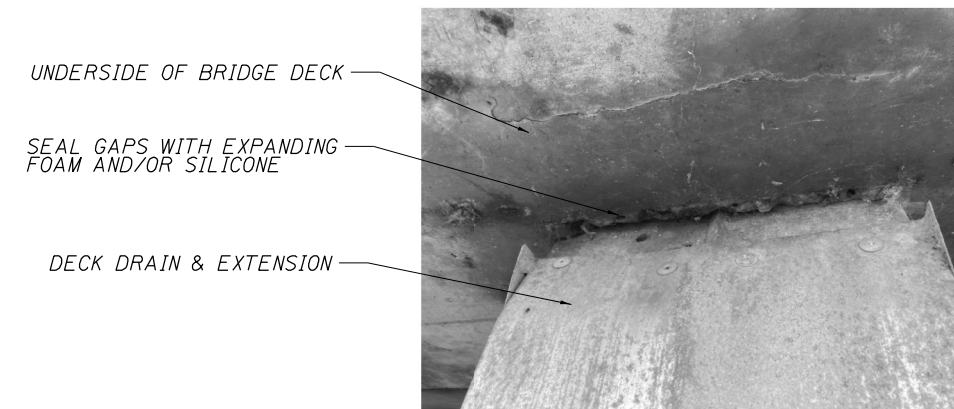


EXISTING FLANGE CLAMP (TYP.)



REPLACE MISSING RIVETS AND SEAL JOINT WITH SILICONE

EXISTING DRAIN EXTENSION FABRICATION JOINT (TYP.)



UNDERSIDE OF BRIDGE DECK

SEAL GAPS WITH EXPANDING FOAM AND/OR SILICONE

DECK DRAIN & EXTENSION

FLOOR DRAIN EXTENSION DETAILS

DECK DRAIN REPAIR - TYPICAL APPLICATIONS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAIN REPAIR DETAILS
SN 054-0041 & 0042

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-38)DR	LOGAN	8	8
CONTRACT NO. 72N36				
ILLINOIS FED. AID PROJECT				