

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	1
ILLINOIS CONTRACT NO. 74C83				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 19,200 (2021)

PROPOSED
HIGHWAY PLANS

FAP ROUTE 320 (IL 121)
SECTION D7 BRIDGE CLEANING 2024-1

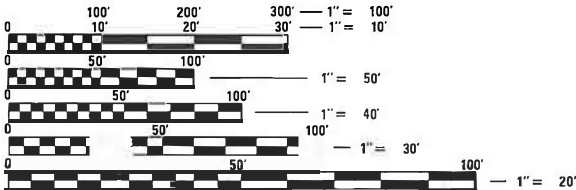
DRAINS (REPLACE /REPAIR)
MACON COUNTY

C-97-017-24

D-97-015-24



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -



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 – JACQUELYN SEALS
PROJECT MANAGER – KYLE PRICE

CONTRACT NO. 74C83



NORFOLK SOUTHERN RAILWAY
DOT #479 182P, MP 374.51
MIDWEST DIVISION

LENGTH = 2,400 FT. = 0.45 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 20 2025
Lora Rensing REGIONAL ENGINEER

May 9 2025
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

May 9 2025
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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100% STATE

[illegible][illegible]

REV - MS

FILE NAME: \$	USER NAME = \$USERS\$	DESIGNED - _____	REVISED - 3/25/2025 KWP	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____						320	D7 BRIDGE CLEANING 2024-1	MACON	16	3
	PLOT SCALE = \$SCALES\$	CHECKED - _____	REVISED - _____						CONTRACT NO. 74C83				
	PLOT DATE = \$DATES\$	DATE - _____	REVISED - _____		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____						
									ILLINOIS	FED. AID PROJECT			

SCUPPERS AND DRAINS

LOCATIONS	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	BRIDGE DRAINAGE SYSTEM REPAIR
	X5230154	X5230146
	EACH	FT
ALL SCUPPERS	64	
PIER 9 WEST SIDE		5
BOX GIRDER 1, AT PIER 10		2
PIER 12, WEST SIDE		1
PIER 13, EAST SIDE		15
BOX GIRDER 1, AT PIER 13		2
PIER 15, EAST END		10

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USER NAME = \$USERS\$	DESIGNED - _____	REVISED - 3/25/2025 KWP
	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES\$	DATE - _____	REVISED - _____

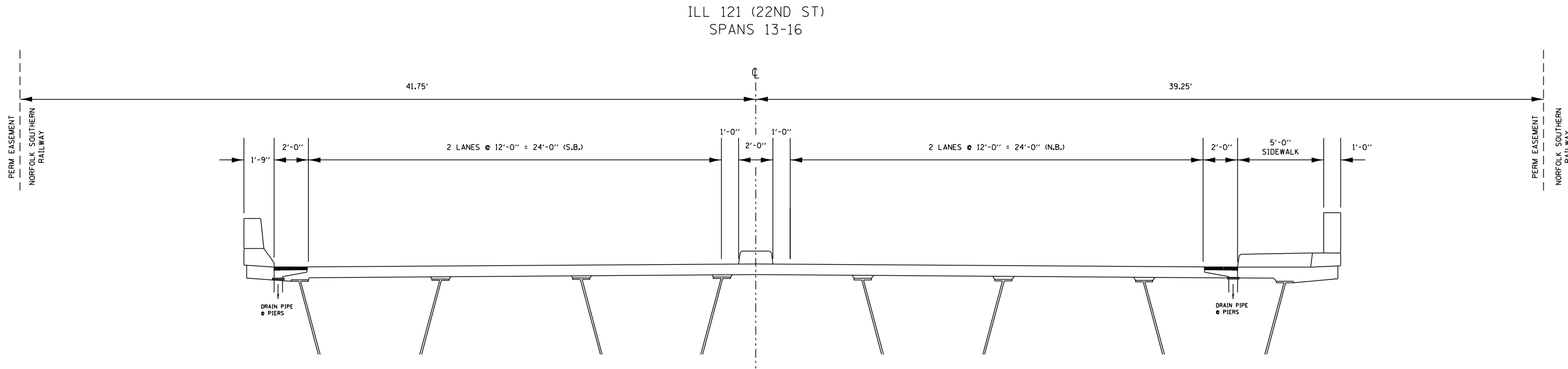
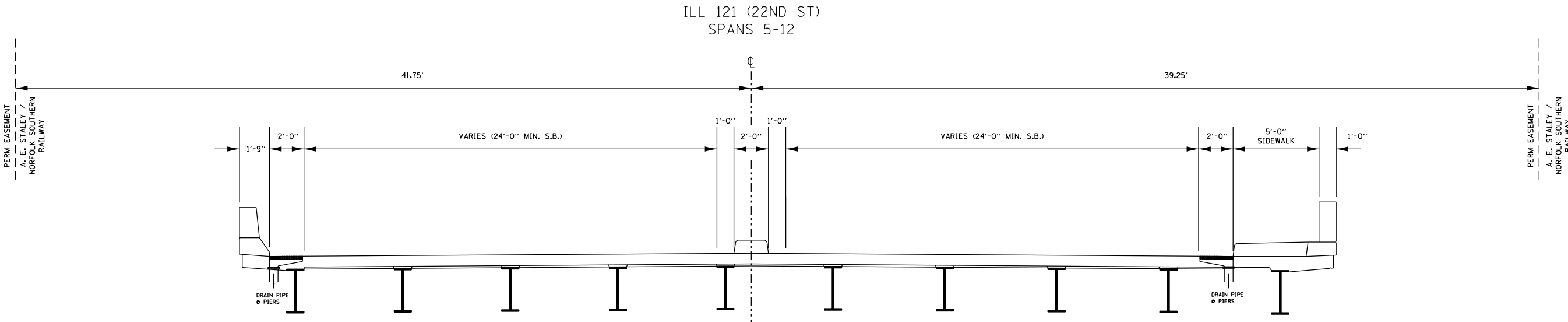
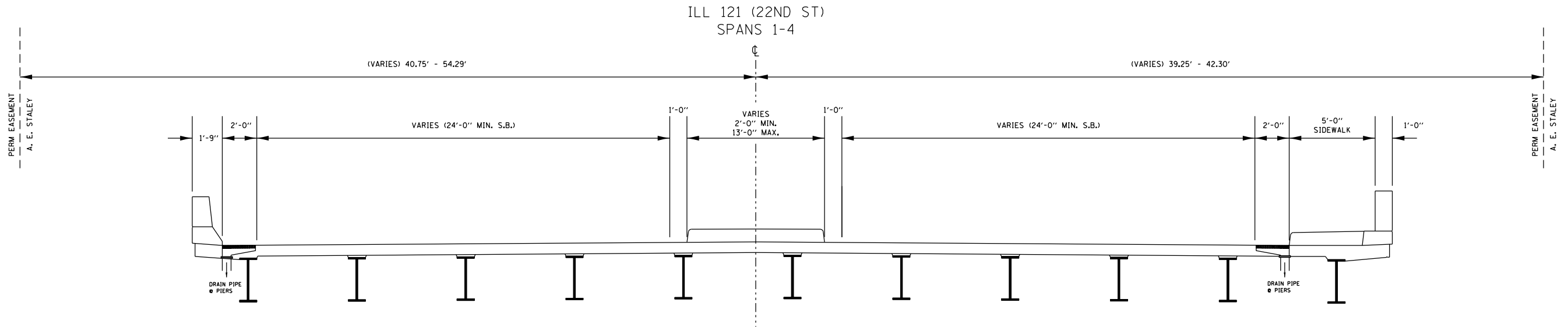
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	4
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				

TYPICAL CROSS SECTIONS



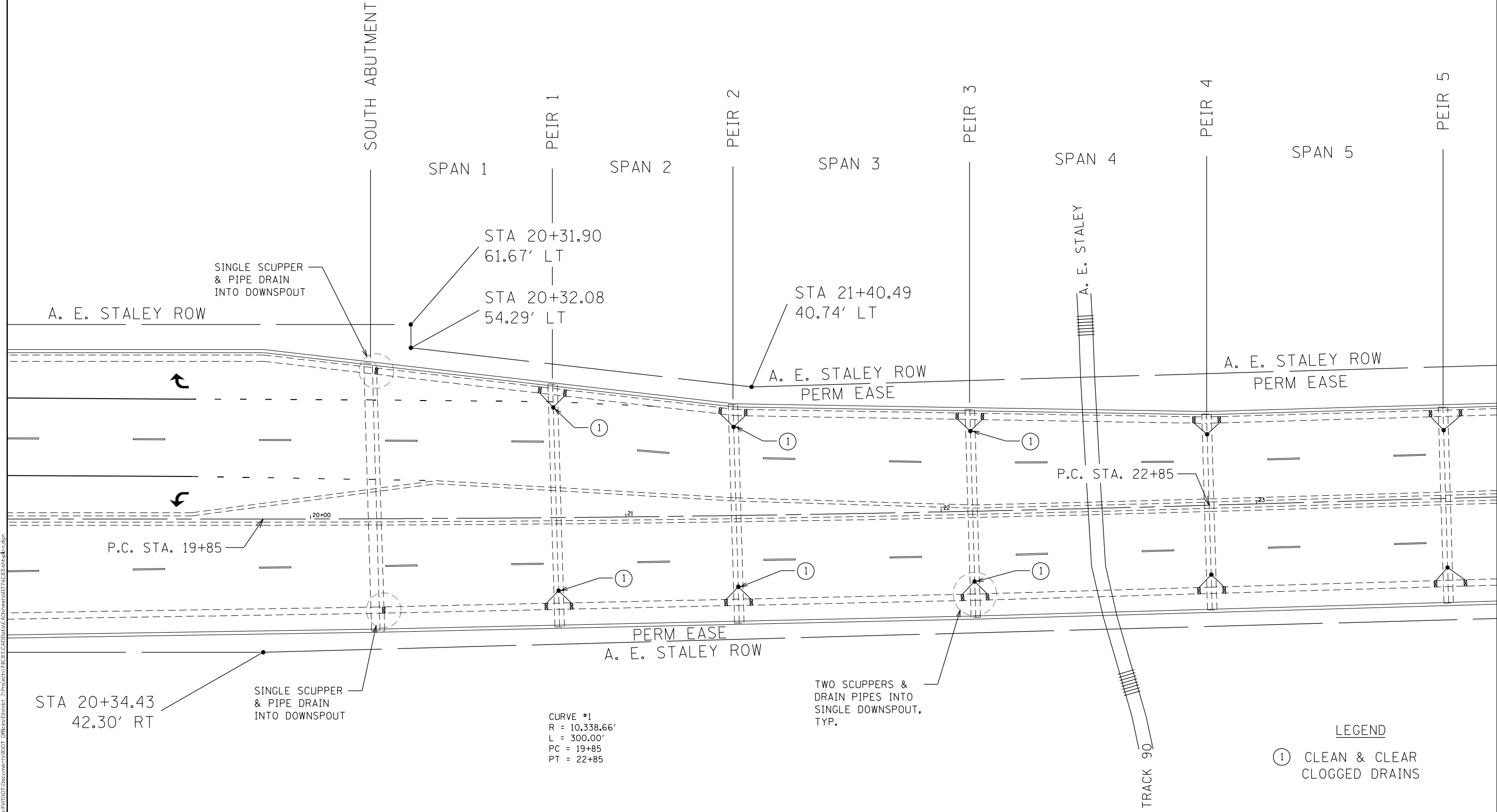
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PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	5
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

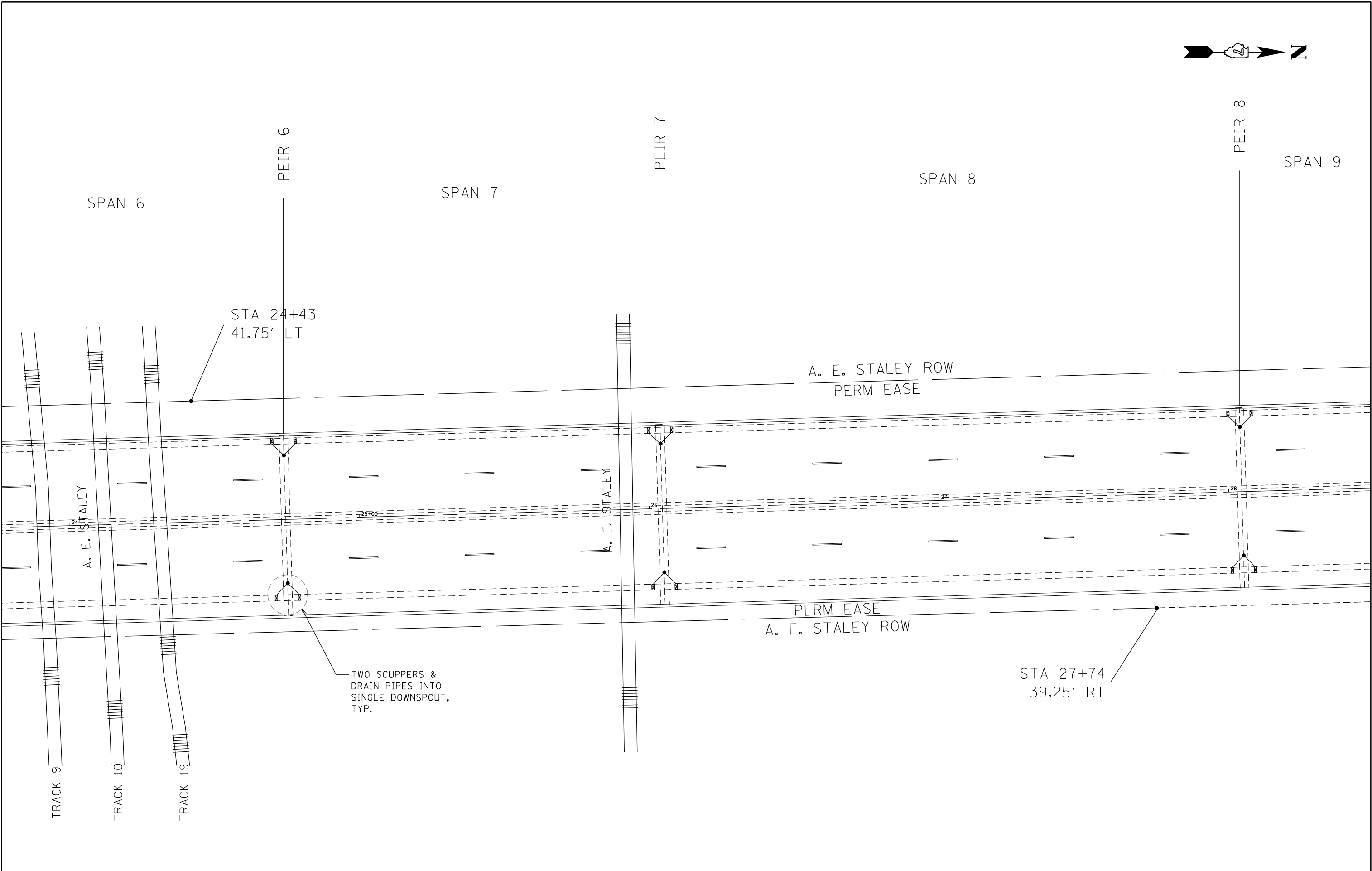
DRAIN CLEANING
PLAN VIEW

- LEGEND
- ① CLEAN & CLEAR CLOGGED DRAINS

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	DRAWN -	REVISED -
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PLOT DATE = 3/20/2025	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	6
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



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PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAIN CLEANING
PLAN VIEW

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	7
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



SPAN 9

PEIR 9

SPAN 10

PEIR 10

SPAN 11

A. E. STALEY ROW
PERM EASE

PERM EASE
A. E. STALEY ROW

A. E. STALEY

TRACK 28

②

①

①

③

①

①

TWO SCUPPERS &
DRAIN PIPES INTO
SINGLE DOWNSPOUT,
TYP.

LEGEND

- ① CLEAN & CLEAR CLOGGED DRAINS
- ② REPLACE MISSING DRAIN PIPE
- ③ REPAIR LEAKING DRAIN PIPE IN BOX GIRDER

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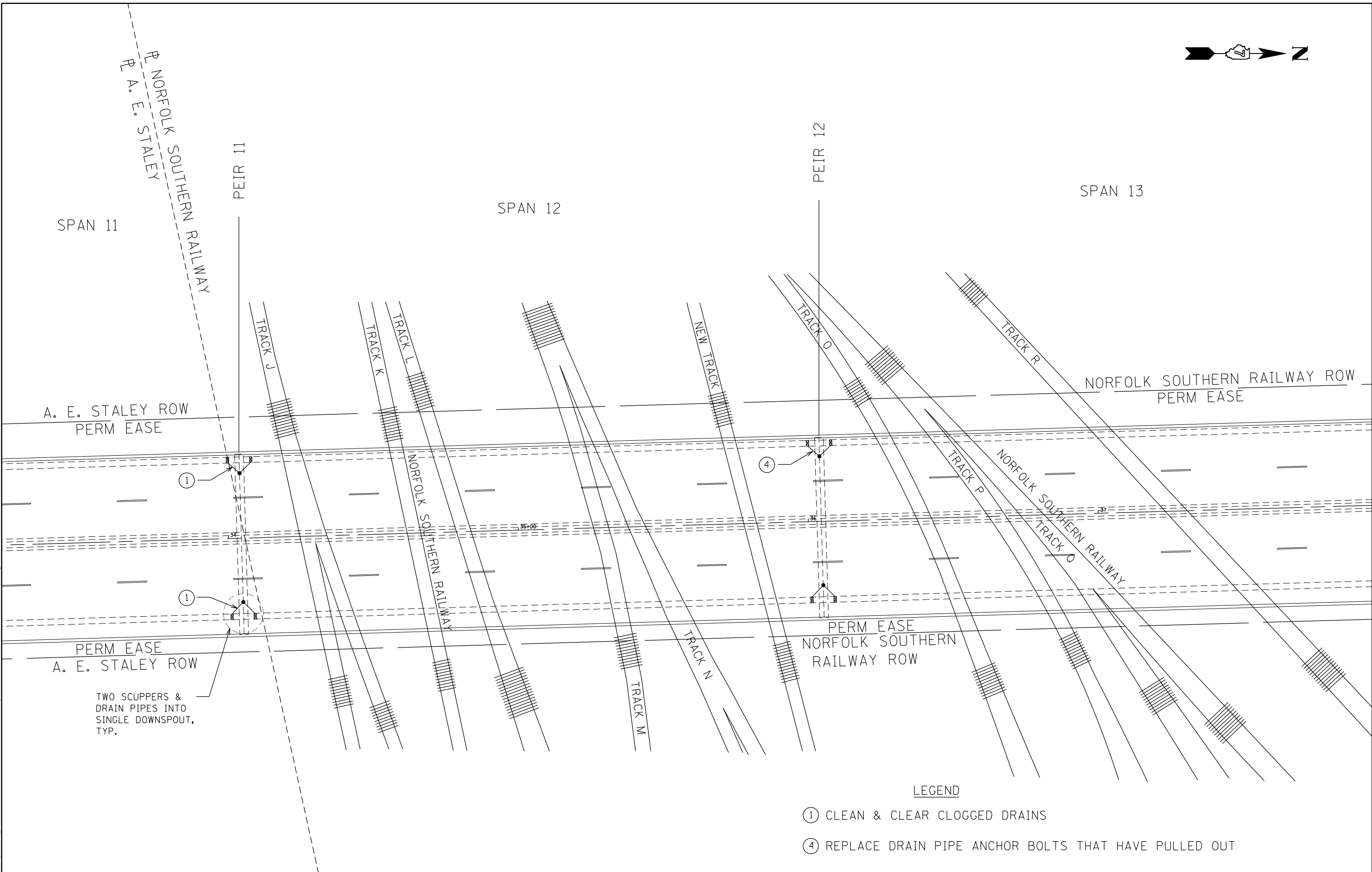
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PLOT DATE	= 3/20/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAIN CLEANING
PLAN VIEW

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	8
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① CLEAN & CLEAR CLOGGED DRAINS
- ④ REPLACE DRAIN PIPE ANCHOR BOLTS THAT HAVE PULLED OUT

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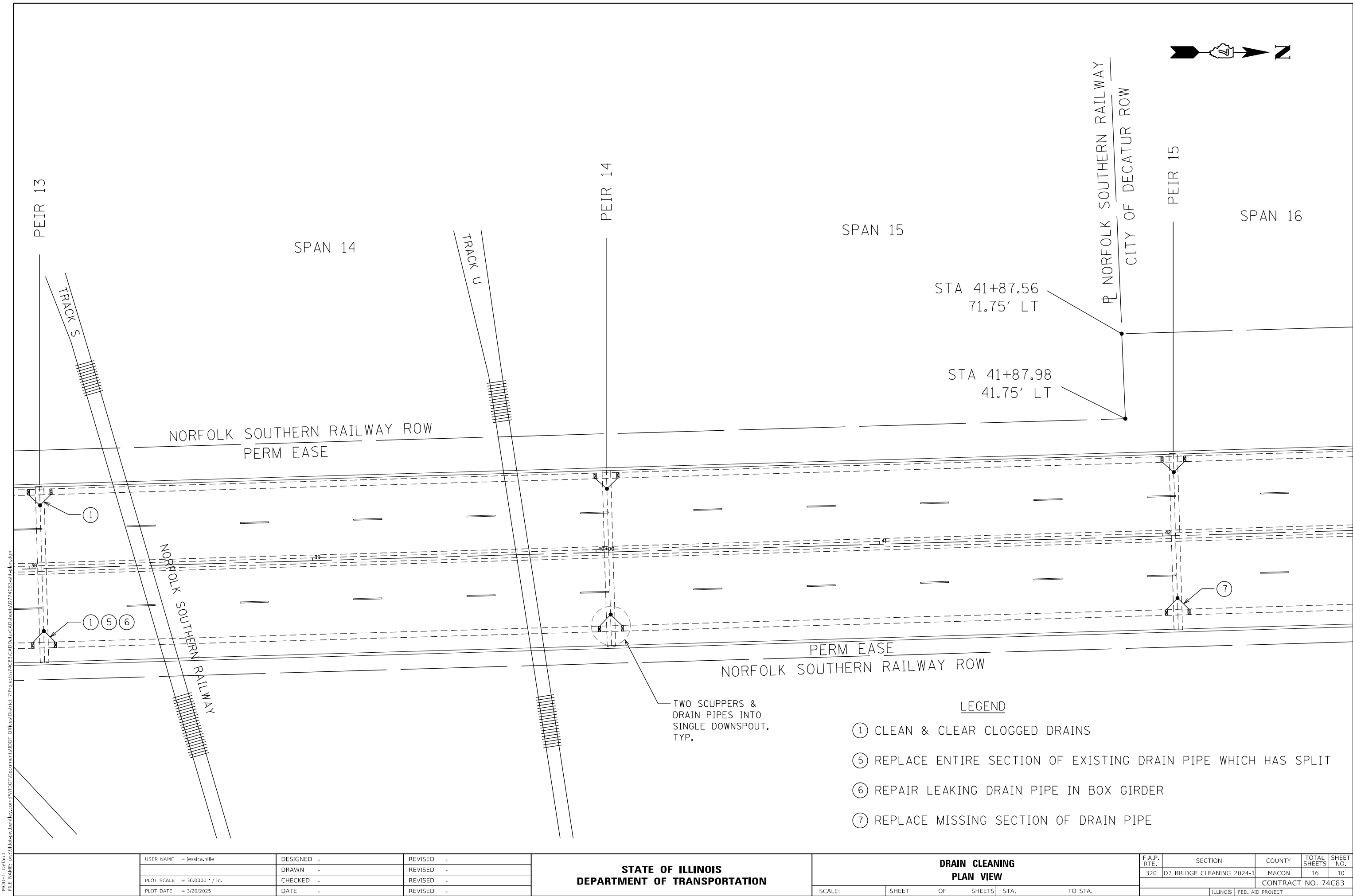
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PLOT DATE	= 3/20/2025	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAIN CLEANING PLAN VIEW			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	9
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAIN CLEANING PLAN VIEW			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	10
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



NORTH ABUTMENT

SPAN 16

SINGLE SCUPPER
& PIPE DRAIN
INTO SINGLE
DOWNSPOUT

P.C. STA. 43+36

SINGLE SCUPPER
& PIPE DRAIN
INTO SINGLE
DOWNSPOUT

CURVE #2
R = 14,440.58'
L = 300.01'
PC = 43+36
PT = 46+36.01

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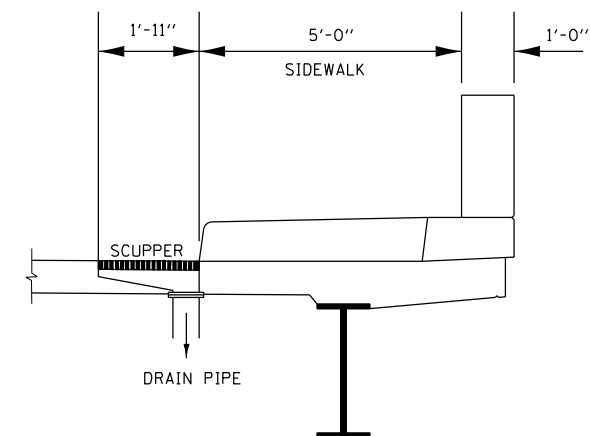
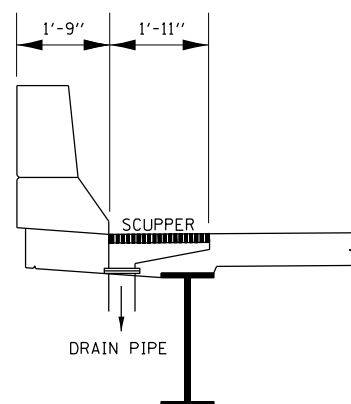
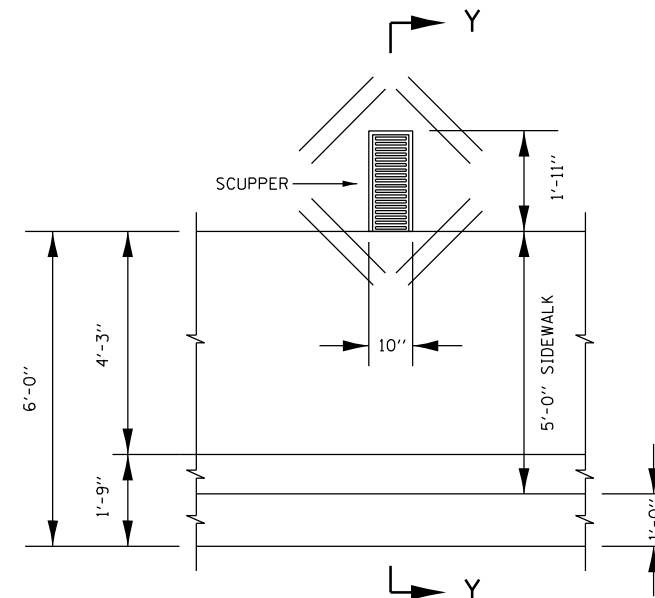
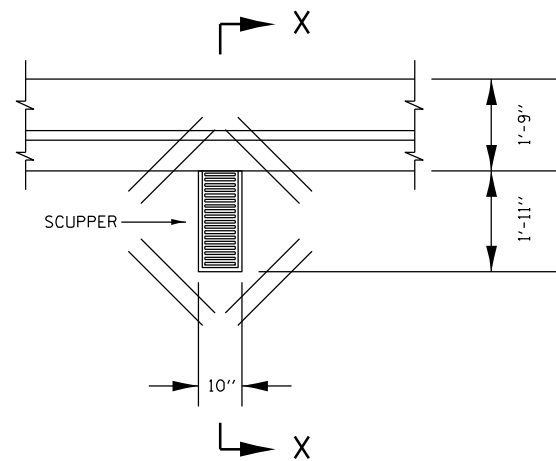
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PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAIN CLEANING
PLAN VIEW

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	11
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



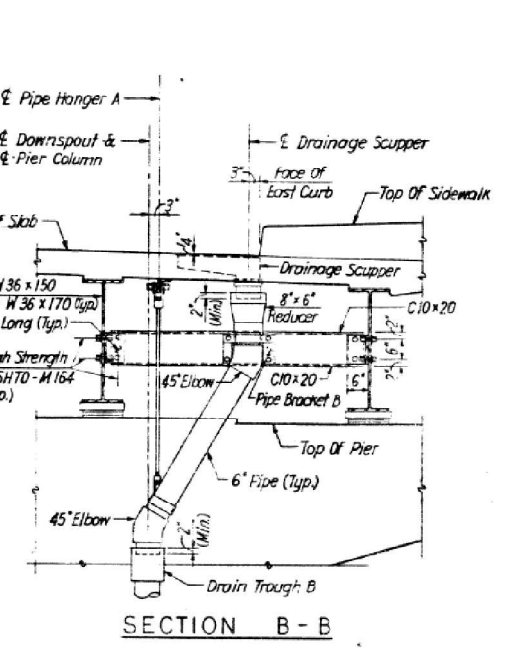
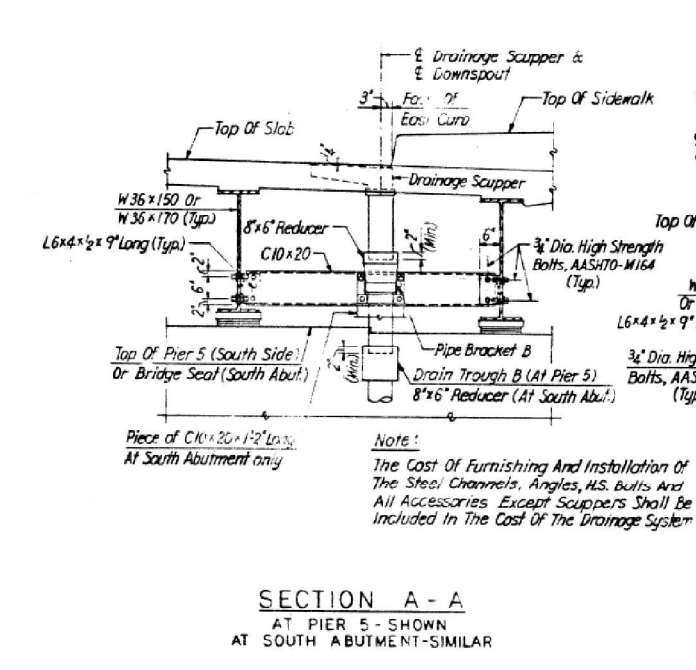
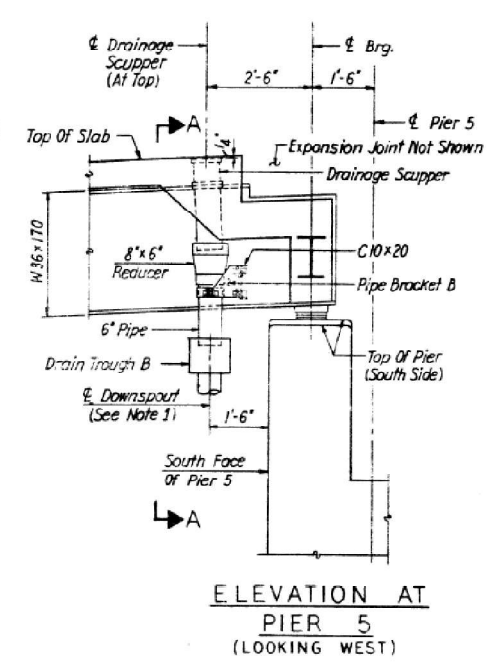
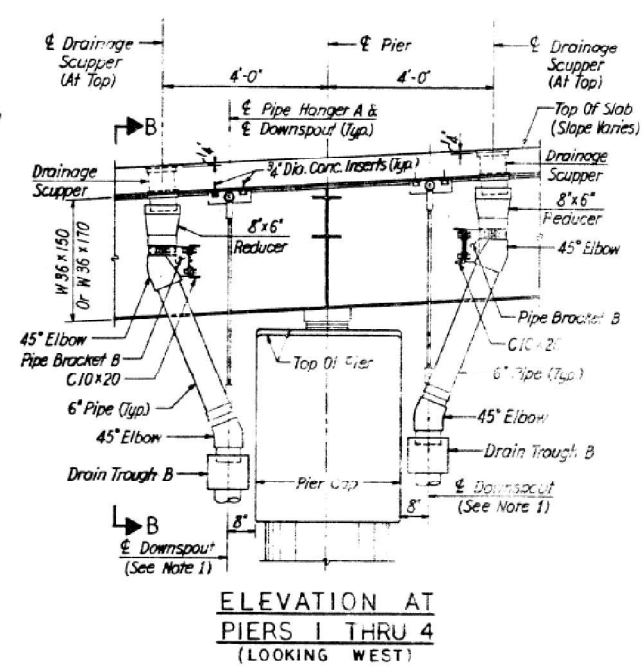
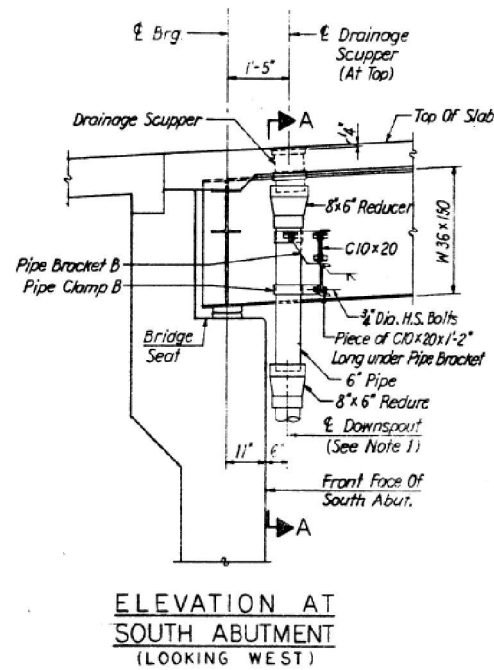
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCUPPER DETAILS

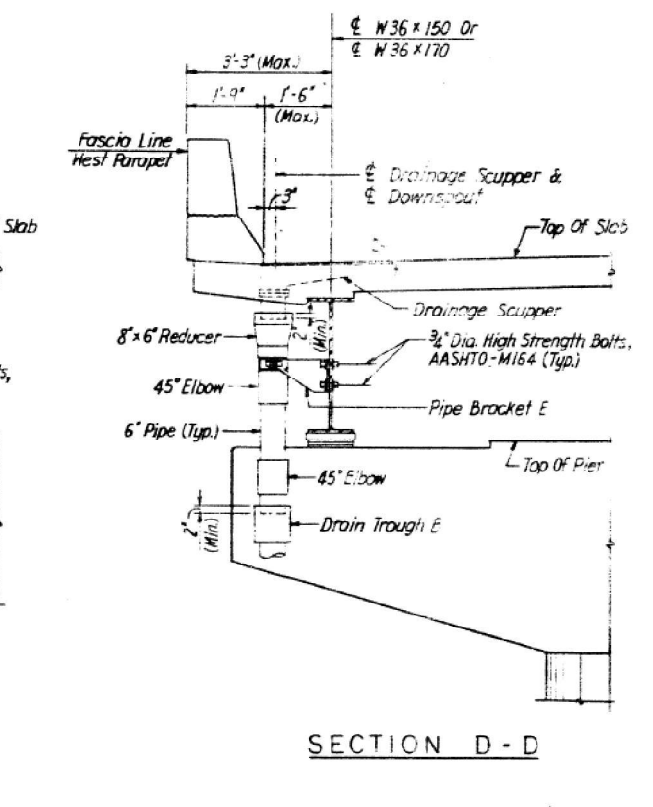
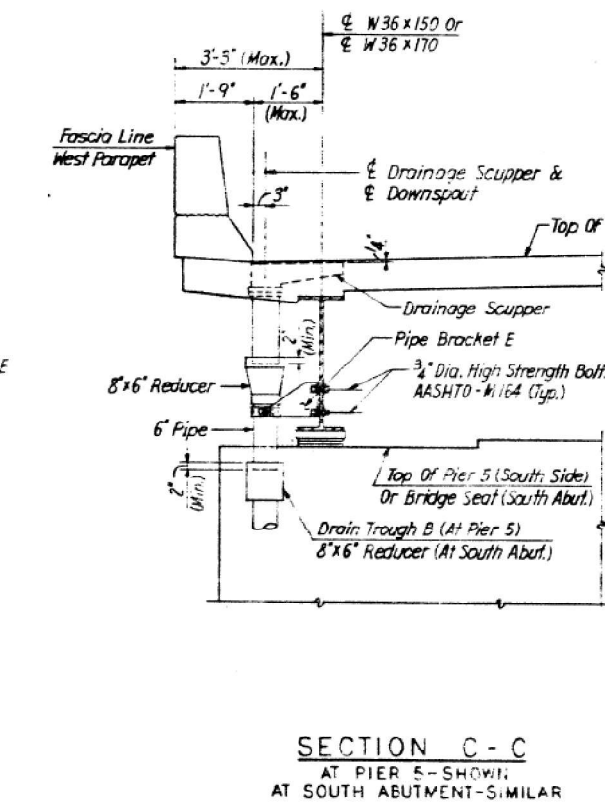
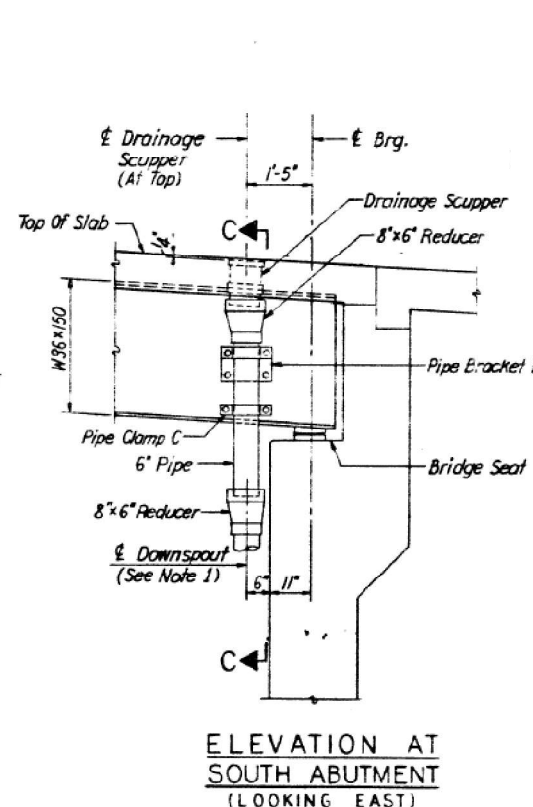
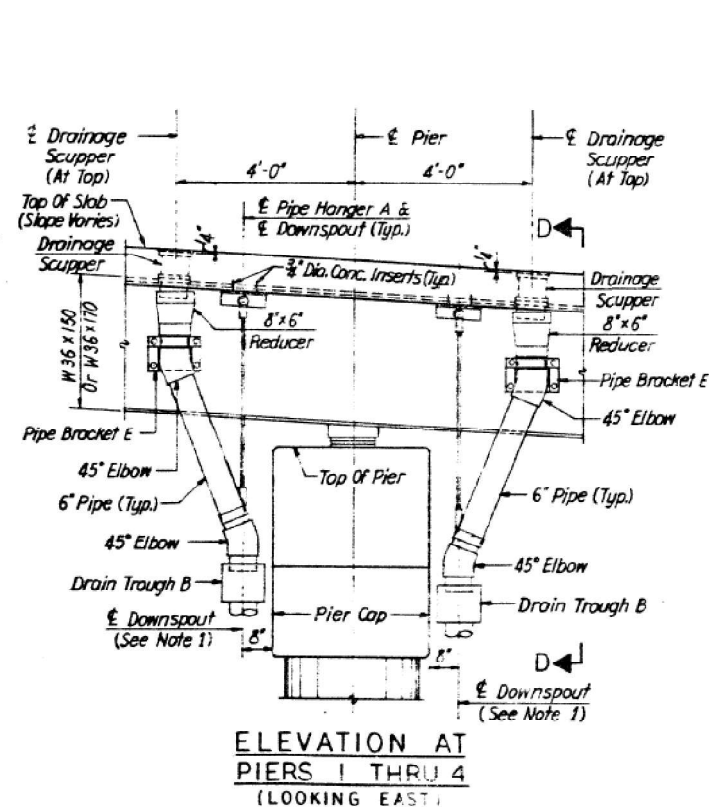
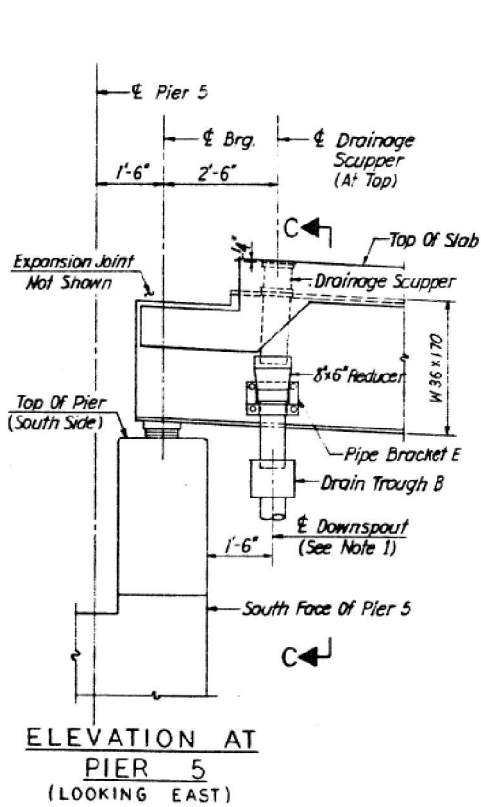
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320	D7 BRIDGE CLEANING 2024-1	MACON	16	12
CONTRACT NO. 74C83				
ILLINOIS		FED. AID PROJECT		

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DRAINAGE SYSTEM ALONG EAST CURB

EXISTING DETAILS - FOR INFORMATION ONLY



DRAINAGE SYSTEM ALONG WEST PARAPET

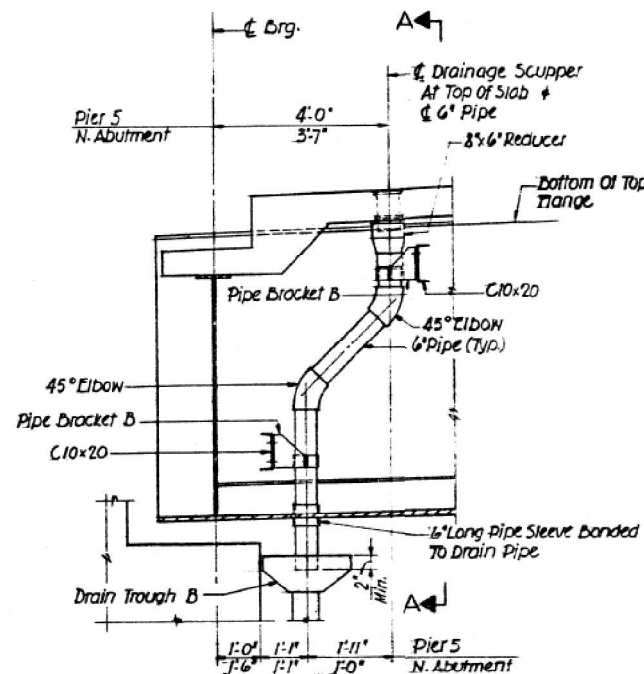
EXISTING DETAILS - FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

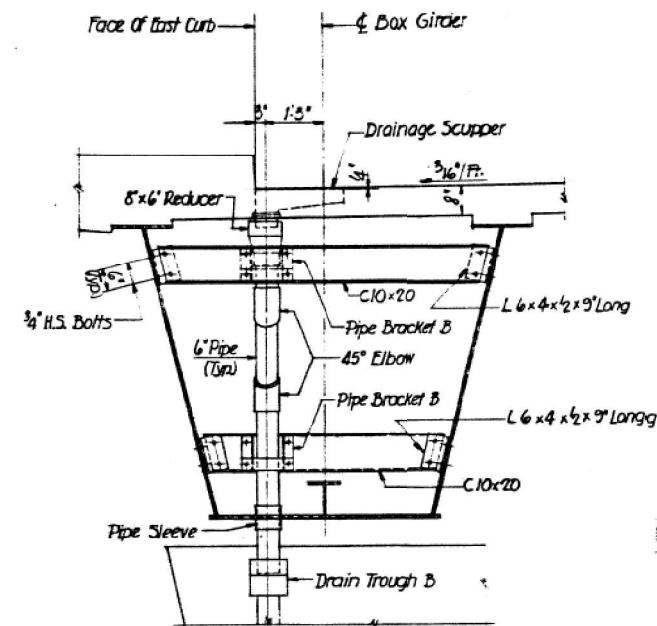
DECK DRAINS
SUPERSTRUCTURE - UNITS 1 AND 2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	13
CONTRACT NO. 74C83				

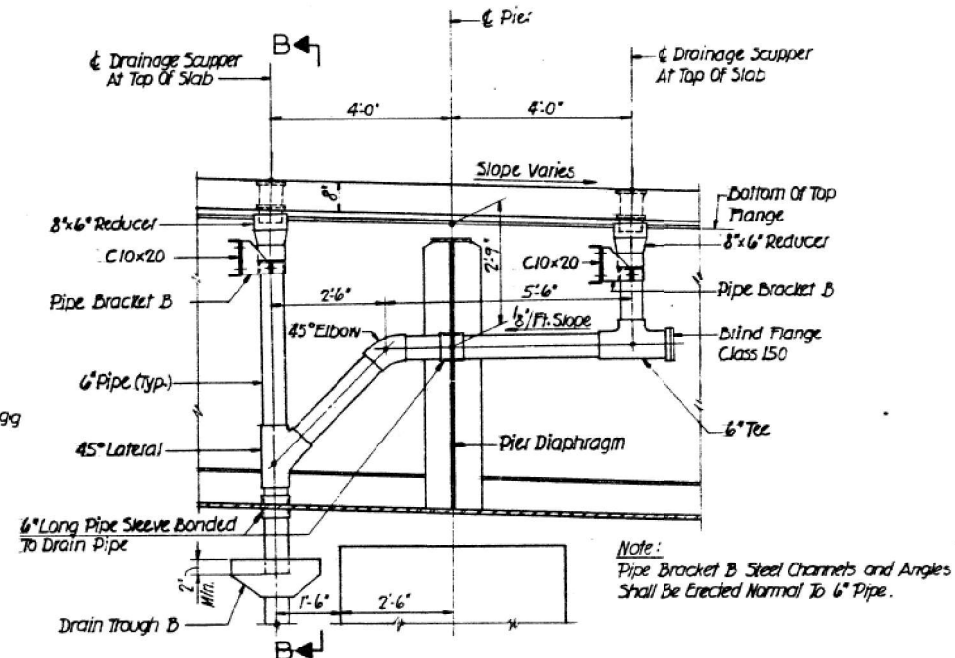
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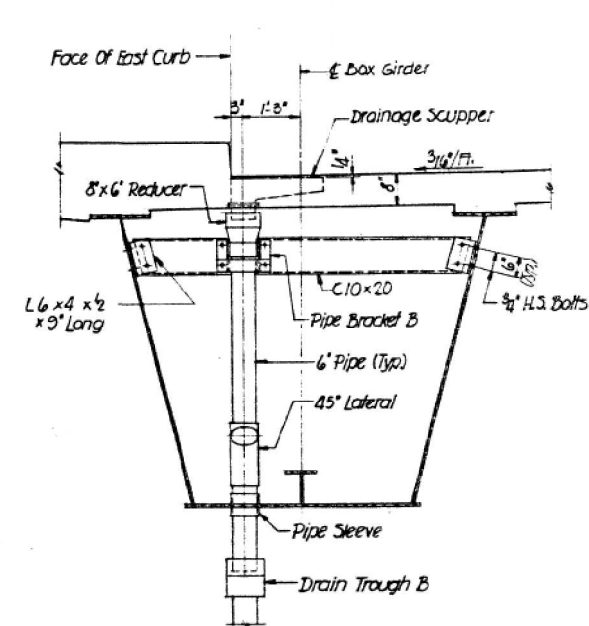
ELEVATION AT PIER 5
ELEVATION AT N. ABUT. OPP. HAND



SECTION A-A

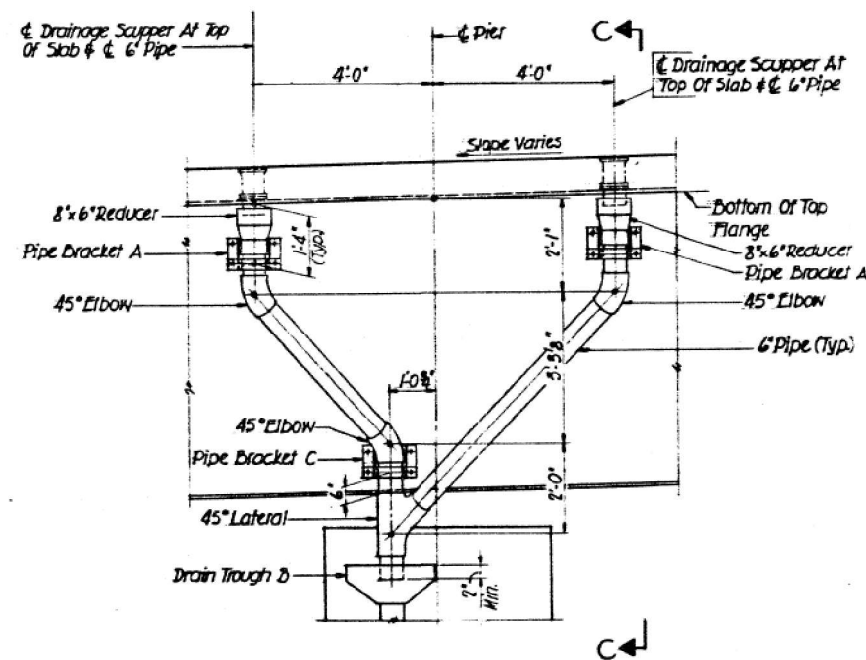


ELEVATION AT PIERS 11 THRU 15
ELEVATION AT PIERS 6 THRU 10 OPP. HAND

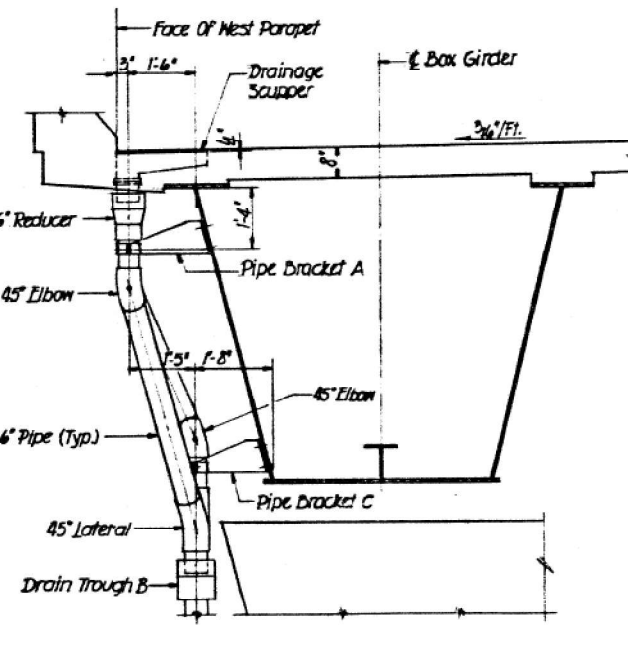


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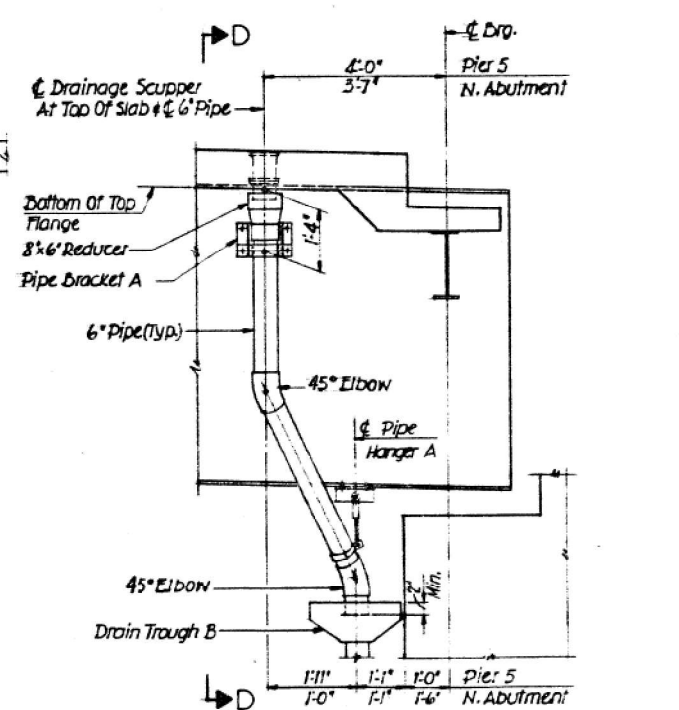
DRAINAGE SYSTEM ALONG EAST CURB, LOOKING WEST
EXISTING DETAILS - FOR INFORMATION ONLY



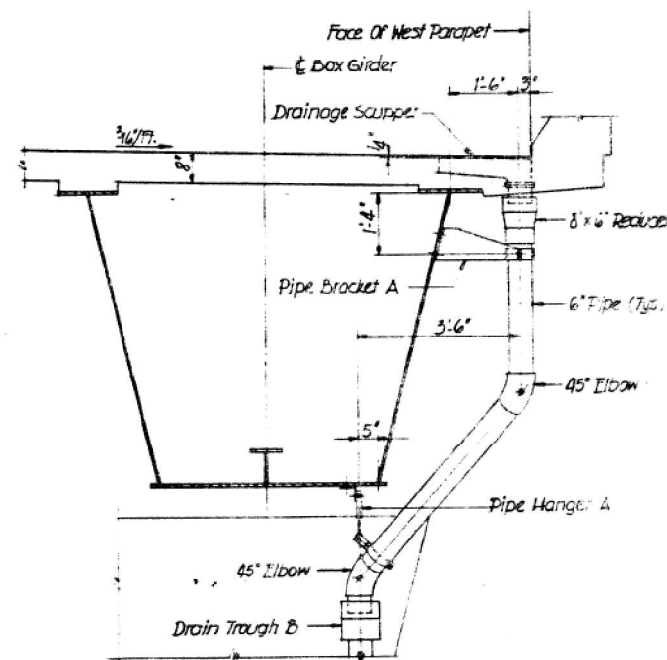
ELEVATION AT PIERS 6 THRU 15



SECTION C-C



ELEVATION AT PIER 5
ELEVATION AT N. ABUT. OPP. HAND



SECTION D-D

DRAINAGE SYSTEM ALONG WEST PARAPET, LOOKING EAST

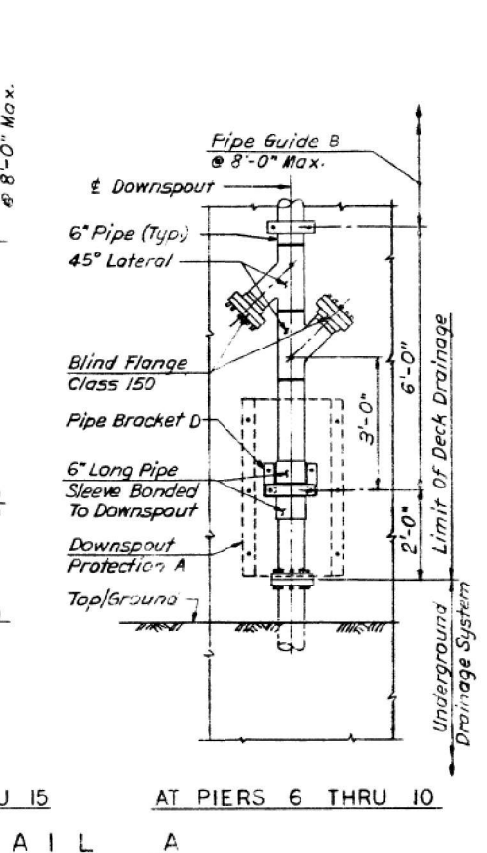
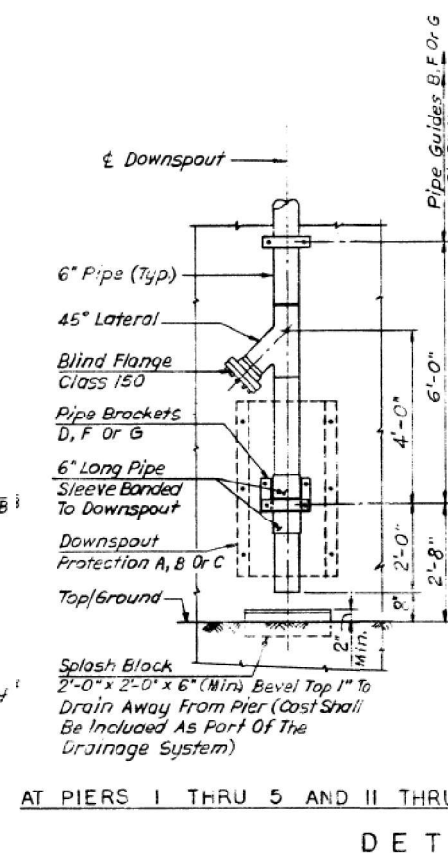
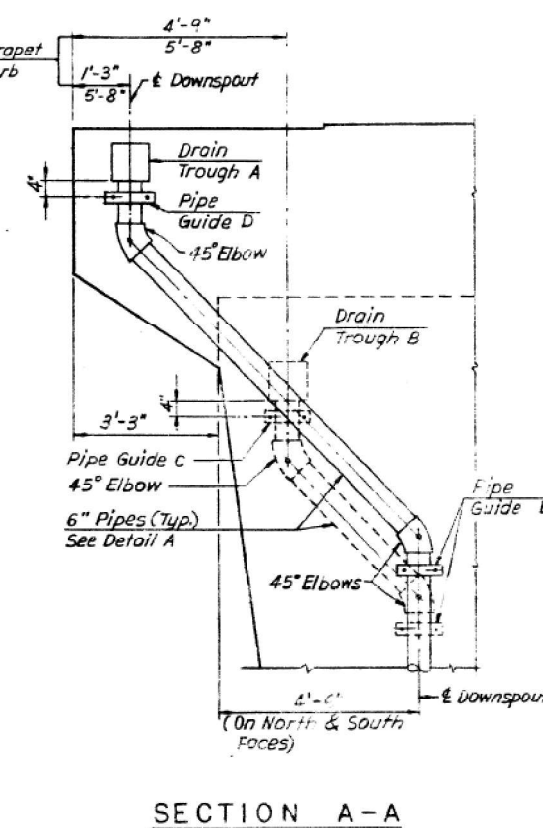
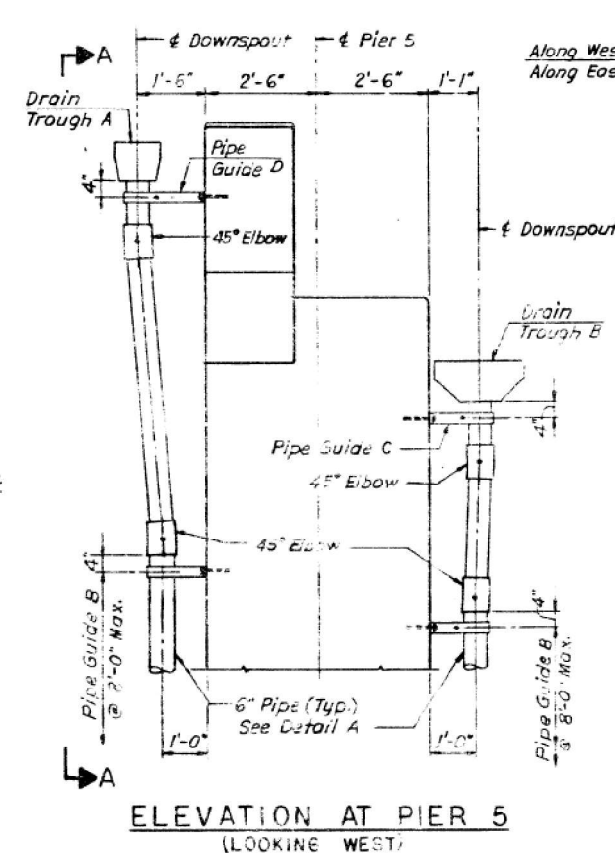
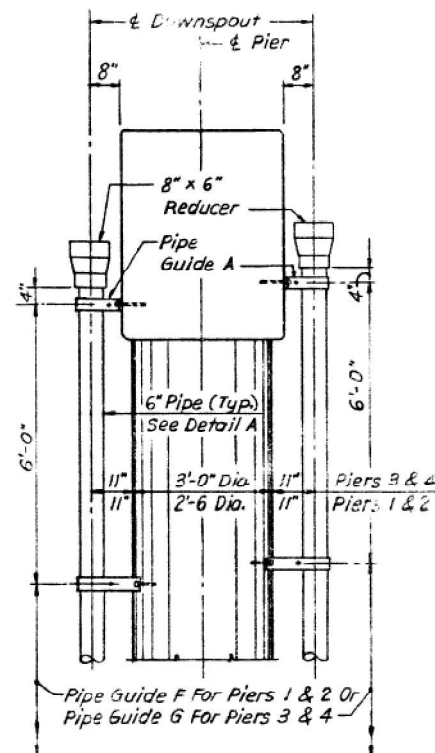
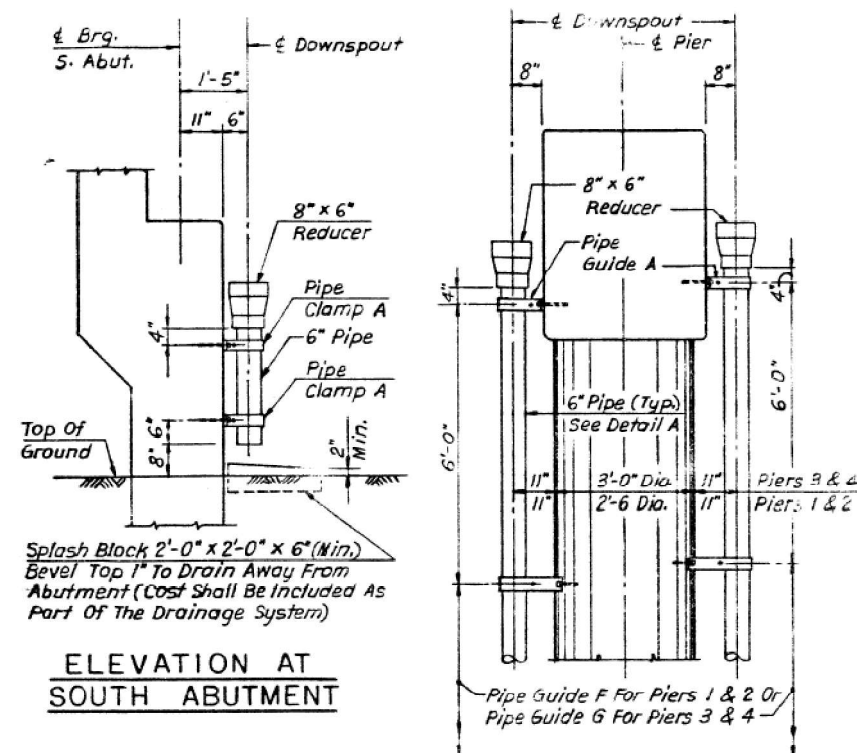
EXISTING DETAILS - FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

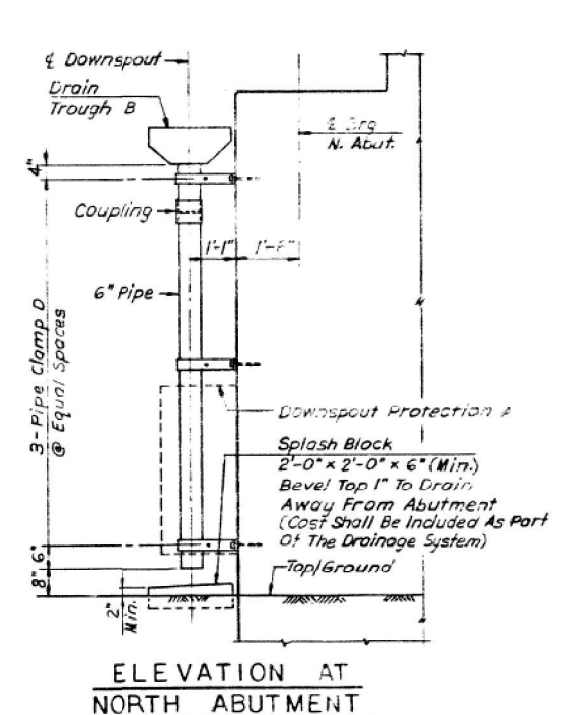
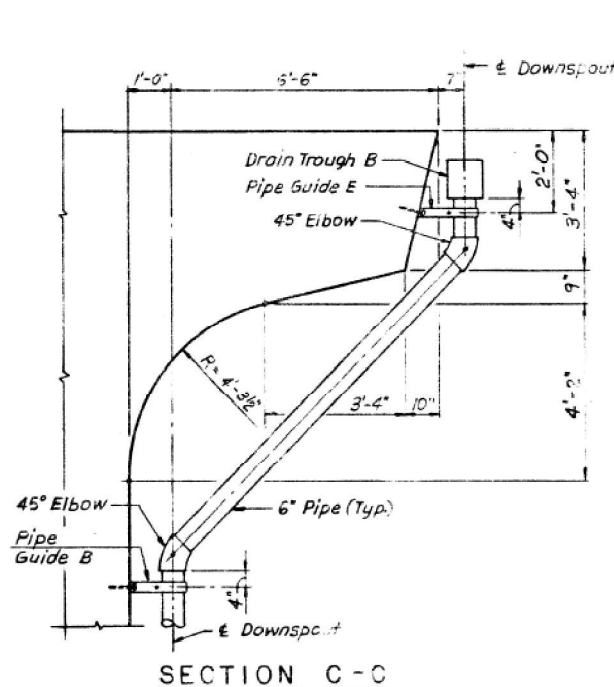
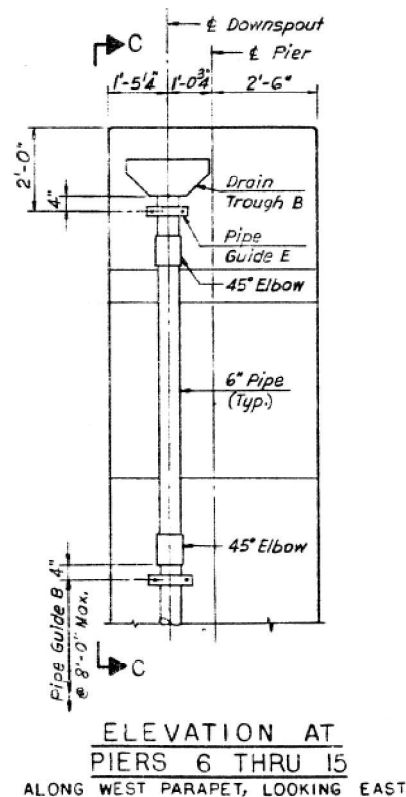
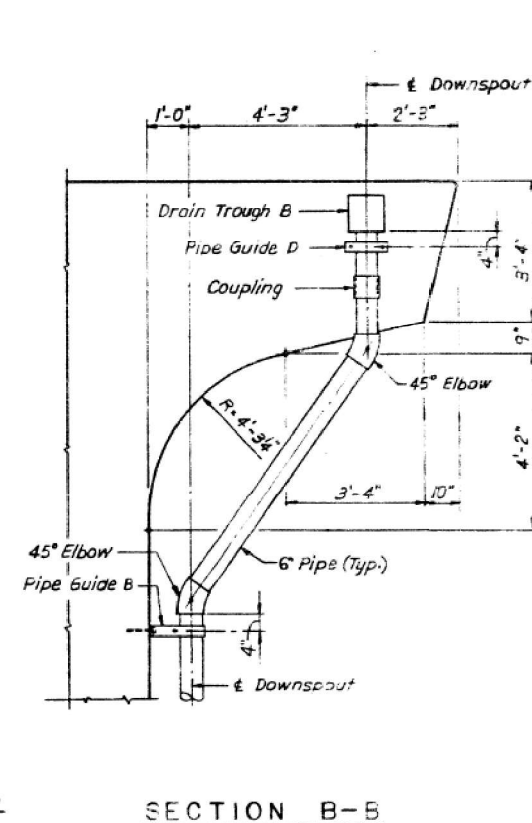
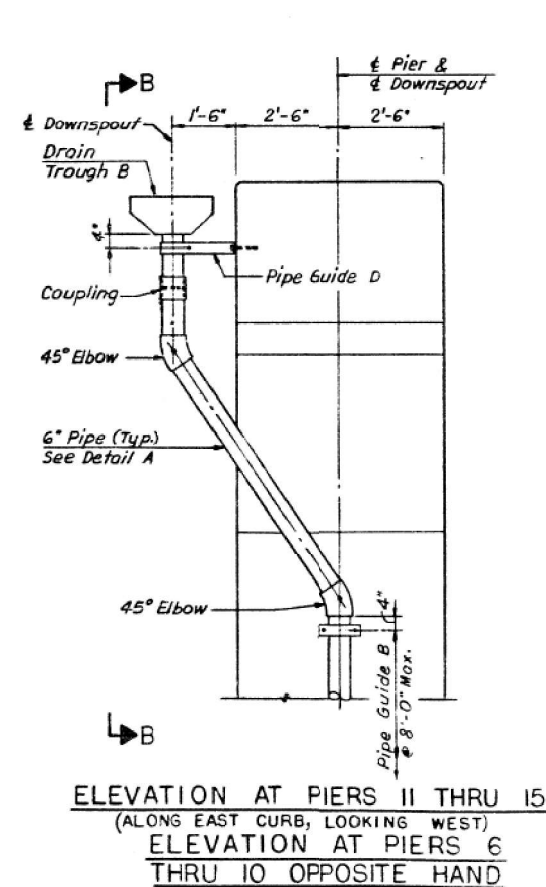
DECK DRAINAGE
SUPERSTRUCTURE - UNIT 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	14
CONTRACT NO. 74C83				
ILLINOIS FED. AID PROJECT				



EXISTING DETAILS - FOR INFORMATION ONLY



EXISTING DETAILS - FOR INFORMATION ONLY

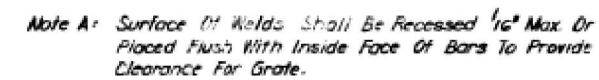
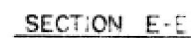
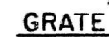
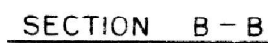
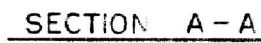
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	DRAWN -	REVISED -
PLOT SCALE = 30,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

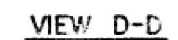
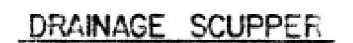
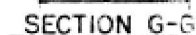
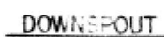
DECK DRAINAGE
SUBSTRUCTURE – UNITS 1, 2 & 3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	15
		CONTRACT NO. 74C83		
		ILLINOIS FED. AID PROJECT		

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SECTION F-F



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCUPPER

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	D7 BRIDGE CLEANING 2024-1	MACON	16	16
		CONTRACT NO. 74C83		
		ILLINOIS	FED. AID PROJECT	