

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	1
		ILLINOIS	CONTRACT NO. 62X44	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
VARIOUS BRIDGES
SECTION: 2024-1009-BDS
PROJECT: NHPP-STP-30HC(268)
BRIDGE DECK SEALING
COOK COUNTY

C-91-033-25

FOR LOCATION MAP, SEE SHEET NO. 5 & 6

D-91-029-25



LOCATION OF SECTION INDICATED THIS: - ■ -

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
1-312-744-7000

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

PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62X44

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 1st 20 25 IR
John Doe
REGIONAL ENGINEER

March 20 20 26
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 20 26
John Doe
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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HIGHWAY STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR CARLOS MUNOZ AT CARLOS.MUNOZ@ILLINOIS.GOV OR 847-705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK
4. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM AT LEAST 24 HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS AND HOLIDAYS.
5. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE ARTERIALS TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO ENSURE THAT NO DEBRIS WILL ENDANGER OR INTERFERE WITH TRAFFIC ON THE ROADWAY (OR THE RAILROAD) BENEATH THE BRIDGE ACCORDING TO ARTICLE 107.09 (OR 107.12) OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPROPRIATE PAY ITEM INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. EXISTING PAVEMENT MARKINGS SHALL BE TEMPORARILY COVERED PRIOR TO APPLICATION OF THE DECK SURFACE TREATMENT, TO PREVENT THE MATERIAL FROM BEING APPLIED TO THE MARKINGS AND TO PROTECT THE REFLECTIVE PROPERTIES OF THE MARKINGS. THE TEMPORARY COVERING MATERIAL USED SHALL BE SUCH THAT IT WILL NOT AFFECT THE MARKING'S REFLECTIVITY WHEN REMOVED AFTER APPLICATION OF THE DECK SURFACE TREATMENT AND PRIOR TO OPENING TO TRAFFIC. COST INCLUDED WITH CONCRETE SEALER
8. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.

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USER NAME = ivan.diaz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	VAR.					2024-1009-BDS	COOK	192	2	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -		SCALE: SHEET OF 1 SHEETS STA. TO STA.			CONTRACT NO. 62X44				
PLOT DATE = 12/4/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

LOCATION NUMBER	STRUCTURE NUMBER2	BRIDGE DECK CONCRETE SEALER (SQ. FT.)	TRAFFIC CONTROL AND PROTECTION, STANDARD							NIGHTTIME WORK ZONE LIGHTING
			701501	701601	701602	701606	701701	701801	EXPRESSWAYS	
1	0160102	8,569							X	X
2	0160103	31,984							X	X
3	0160104	31,984							X	X
4	0160105	25,225							X	X
5	0162280	28,612		X					X	
6	0161250	38,834		X			X		X	X
7	0161101	13,272					X		X	
8	0162519	19,895		X			X			
9	0161104	16,579					X		X	
10	0160659	18,073		X			X		X	
11	0160836	27,044			X		X		X	X
12	0160106	7,109							X	X
13	0160107	33,546							X	X
14	0160108	34,652							X	X
15	0160168	10,974		X					X	X
16	0161323	3,936							X	X
17	0161322	13,594							X	X
18	0161094	21,742	X				X		X	
19	0161700	23,842					X		X	X
20	0161701	28,876		X			X		X	X
21	0161702	25,498		X			X		X	X
22	0161707	32,336					X		X	
23	0160309	22,579		X			X		X	X
24	0160601	30,134		X			X		X	X
25	0160608	34,767		X			X		X	X
26	0160707	13,101					X		X	
27	0160708	21,625			X		X		X	X
28	0160852	40,702		X			X		X	X
29	0161105	17,891	X				X		X	
30	0161106	12,667	X				X		X	
31	0161107	17,725		X			X		X	
32	0162045	42,375		X			X		X	
33	0162046	25,555					X		X	
34	0162047	12,464		X			X		X	
35	0162048	32,558					X		X	
36	0162049	12,256		X			X		X	
37	0162052	32,188					X		X	X
38	0162053	32,962		X	X		X		X	X
39	0162118	7,518	X				X		X	
40	0162717	33,584		X					X	X
41	0162718	25,519		X					X	X
TOTAL =		964,346								

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USER NAME = Ivan.diaz	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 / in.	DRAWN -	REVISED -
PLOT DATE = 12/4/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	4
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

LOCATION 1
STRUCTURE # 016-0102
I-94 OVER SKOKIE RIVER
VILLAGE OF WILMETTE
ADT = 118,200 (2024)
SPEED LIMIT = 55 MPH

LOCATION 2
STRUCTURE # 016-0103
I-94 SB OVER SKOKIE VALLEY TRAIL
VILLAGE OF SKOKIE
ADT = 128,500 (2024)
SPEED LIMIT = 55 MPH

LOCATION 3
STRUCTURE # 016-0104
I-94 NB OVER SKOKIE VALLEY TRAIL
VILLAGE OF SKOKIE
ADT = 128,500 (2024)
SPEED LIMIT = 55 MPH

LOCATION 4
STRUCTURE # 016-0105
I-94 OVER GOLF ROAD
VILLAGE OF SKOKIE
ADT = 128,500 (2024)
SPEED LIMIT = 55 MPH

LOCATION 5
STRUCTURE # 016-2280
EAST RIVER RD OVER I-90 / CTA
CITY OF CHICAGO
ADT = 12,800 (2022)
SPEED LIMIT = 35-45 MPH

LOCATION 6
STRUCTURE # 016-1250
IL 171 (CUMBERLAND) OVER I-90 / CTA
CITY OF CHICAGO
ADT = 26,000 (2023)
SPEED LIMIT = 30-35 MPH

LOCATION 7
STRUCTURE # 016-1101
IL 72 (ORIOLE AVE) OVER I-90 / CTA
CITY OF CHICAGO
ADT = 17,150 (2023)
SPEED LIMIT = 25 MPH

LOCATION 8
STRUCTURE # 016-2519
IL 72(HIGGINS RD) OVER I-90 EB RAMP
CITY OF CHICAGO
ADT = 4,400 (2024)
SPEED LIMIT = 30 MPH

LOCATION 9
STRUCTURE # 016-1104
SAYRE AVE OVER I-90 / CTA
CITY OF CHICAGO
ADT = 3,250 (2022)
SPEED LIMIT = 30 MPH

LOCATION 10
STRUCTURE # 016-0659
CENTRAL AVE OVER I-90 / CTA
CITY OF CHICAGO
ADT = 14,100 (2022)
SPEED LIMIT = 30 MPH

LOCATION 11
STRUCTURE # 016-0836
LAWRENCE AVE OVER I-90 / CTA
CITY OF CHICAGO
ADT = 22,100 (2023)
SPEED LIMIT = 30 MPH

LOCATION 12
STRUCTURE # 016-0106
I-94 OVER FOREST GLEN AVE
CITY OF CHICAGO
ADT = 142,400 (2024)
SPEED LIMIT = 55 MPH

LOCATION 13
STRUCTURE # 016-0107
I-94 OVER N. CHICAGO RIVER BRANCH
CITY OF CHICAGO
ADT = 142,400 (2024)
SPEED LIMIT = 55 MPH

LOCATION 14
STRUCTURE # 016-0108
I-94 OVER IL 50 (CICERO AVE)
CITY OF CHICAGO
ADT = 142,400 (2024)
SPEED LIMIT = 55 MPH

LOCATION 15
STRUCTURE # 016-0168
AUGUSTA BLVD OVER I-90/94
CITY OF CHICAGO
ADT = 6,300 (2024)
SPEED LIMIT = 25 MPH

LOCATION 16
STRUCTURE # 016-1323
OHIO ST WB RAMP OVER I-90/94 EB
CITY OF CHICAGO
ADT = 16,400 (2024)
SPEED LIMIT = 30 MPH

LOCATION 17
STRUCTURE # 016-1322
OHIO ST WB RAMP OVER I-90/94 EB
CITY OF CHICAGO
ADT = 16,400 (2024)
SPEED LIMIT = 30 MPH

LOCATION 18
STRUCTURE # 016-1094
MILWAUKEE AVE OVER OHIO FEEDER
CITY OF CHICAGO
ADT = 12,100 (2022)
SPEED LIMIT = 25 MPH

LOCATION 19
STRUCTURE # 016-1700
MONROE ST OVER I-90/94
CITY OF CHICAGO
ADT = 9,300 (2022)
SPEED LIMIT = 20-30 MPH

LOCATION 20
STRUCTURE # 016-1701
ADAMS ST OVER I-90/94
CITY OF CHICAGO
ADT = 13,800 (2018)
SPEED LIMIT = 30 MPH

LOCATION 21
STRUCTURE # 016-1702
JACKSON BLVD OVER I-90/94
CITY OF CHICAGO
ADT = 4,550 (2023)
SPEED LIMIT = 30 MPH

LOCATION 22
STRUCTURE # 016-1707
VAN BUREN ST OVER I-90/94
CITY OF CHICAGO
ADT = 6,200 (2022)
SPEED LIMIT = 30 MPH



MODEL - Location Map Final (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

SCALE: SHEET 001 OF 2 SHEETS STA. TO STA.

VAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	5
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

LOCATION 27
STRUCTURE # 016-0708
NAGLE AVE OVER I-90 / CTA
CITY OF CHICAGO
ADT = 23,300 (2023)
SPEED LIMIT = 30 MPH

LOCATION 30
STRUCTURE # 016-1106
NATOMA AVE OVER I-90 / CTA
CITY OF CHICAGO
ADT = 1,350 (2022)
SPEED LIMIT = 25 MPH

LOCATION 23
STRUCTURE # 016-0309
IL 43 (HARLEM AVE) OVER I-90 / CTA
CITY OF CHICAGO
ADT = 31,200 (2025)
SPEED LIMIT = 30 MPH

LOCATION 26
STRUCTURE # 016-0707
CANFIELD AVE OVER I-90
CITY OF CHICAGO
ADT = 12,400 (2023)
SPEED LIMIT = 30 MPH

LOCATION 40
STRUCTURE # 016-2717
US 12/45 SB MANNHEIM RD OVER I-190
CITY OF CHICAGO
ADT = 19,200 (2025)
SPEED LIMIT = 50 MPH

LOCATION 41
STRUCTURE # 016-2718
US 12/45 NB MANNHEIM RD OVER I-190
CITY OF CHICAGO
ADT = 19,200 (2025)
SPEED LIMIT = 50 MPH

LOCATION 31
STRUCTURE # 016-1107
MILWAUKEE AVE OVER I-90 / CTA
CITY OF CHICAGO
ADT = 11,800 (2022)
SPEED LIMIT = 35 MPH

LOCATION 29
STRUCTURE # 016-1105
AINSLIE ST OVER I-90 / CTA
CITY OF CHICAGO
ADT = 1,550 (2022)
SPEED LIMIT = 20-30 MPH

LOCATION 28
STRUCTURE # 016-0852
MONTROSE AVE OVER I-90/94
CITY OF CHICAGO
ADT = 20,600 (2025)
SPEED LIMIT = 30 MPH

LOCATION 32
STRUCTURE # 016-2045
MILWAUKEE AVE OVER I-90/94
CITY OF CHICAGO
ADT = 12,100 (2022)
SPEED LIMIT = 35 MPH

LOCATION 33
STRUCTURE # 016-2046
CHICAGO AVE OVER I-90/94
CITY OF CHICAGO
ADT = 18,700 (2022)
SPEED LIMIT = 30 MPH

LOCATION 34
STRUCTURE # 016-2047
OGDEN AVE SWB OVER I-90/94
CITY OF CHICAGO
ADT = 8,500 (2023)
SPEED LIMIT = 30 MPH

LOCATION 36
STRUCTURE # 016-2049
OGDEN AVE NEB OVER I-90/94
CITY OF CHICAGO
ADT = 8,500 (2023)
SPEED LIMIT = 30 MPH

LOCATION 35
STRUCTURE # 016-2048
GRAND AVE OVER I-90/94
CITY OF CHICAGO
ADT = 8,900 (2022)
SPEED LIMIT = 30 MPH

LOCATION 39
STRUCTURE # 016-2118
HALSTED ST OVER OHIO FEEDER
CITY OF CHICAGO
ADT = 14,300 (2022)
SPEED LIMIT = 30 MPH

LOCATION 37
STRUCTURE # 016-2052
LAKE ST OVER I-90/94
CITY OF CHICAGO
ADT = 10,250 (2022)
SPEED LIMIT = 30 MPH

LOCATION 25
STRUCTURE # 016-0608
RANDOLPH ST OVER I-90/94
CITY OF CHICAGO
ADT = 2,550 (2022)
SPEED LIMIT = 30 MPH

LOCATION 24
STRUCTURE # 016-0601
WASHINGTON BLVD OVER I-90/94
CITY OF CHICAGO
ADT = 9,600 (2023)
SPEED LIMIT = 30 MPH

LOCATION 38
STRUCTURE # 016-2053
MADISON ST OVER I-90/94
CITY OF CHICAGO
ADT = 6,600 (2022)
SPEED LIMIT = 30 MPH



MODEL - Location Map Final 2 (Sheet)
 FILE NAME - c:\pwworking\robert.torchak@illinois.gov\1167701022925-shl-cover.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

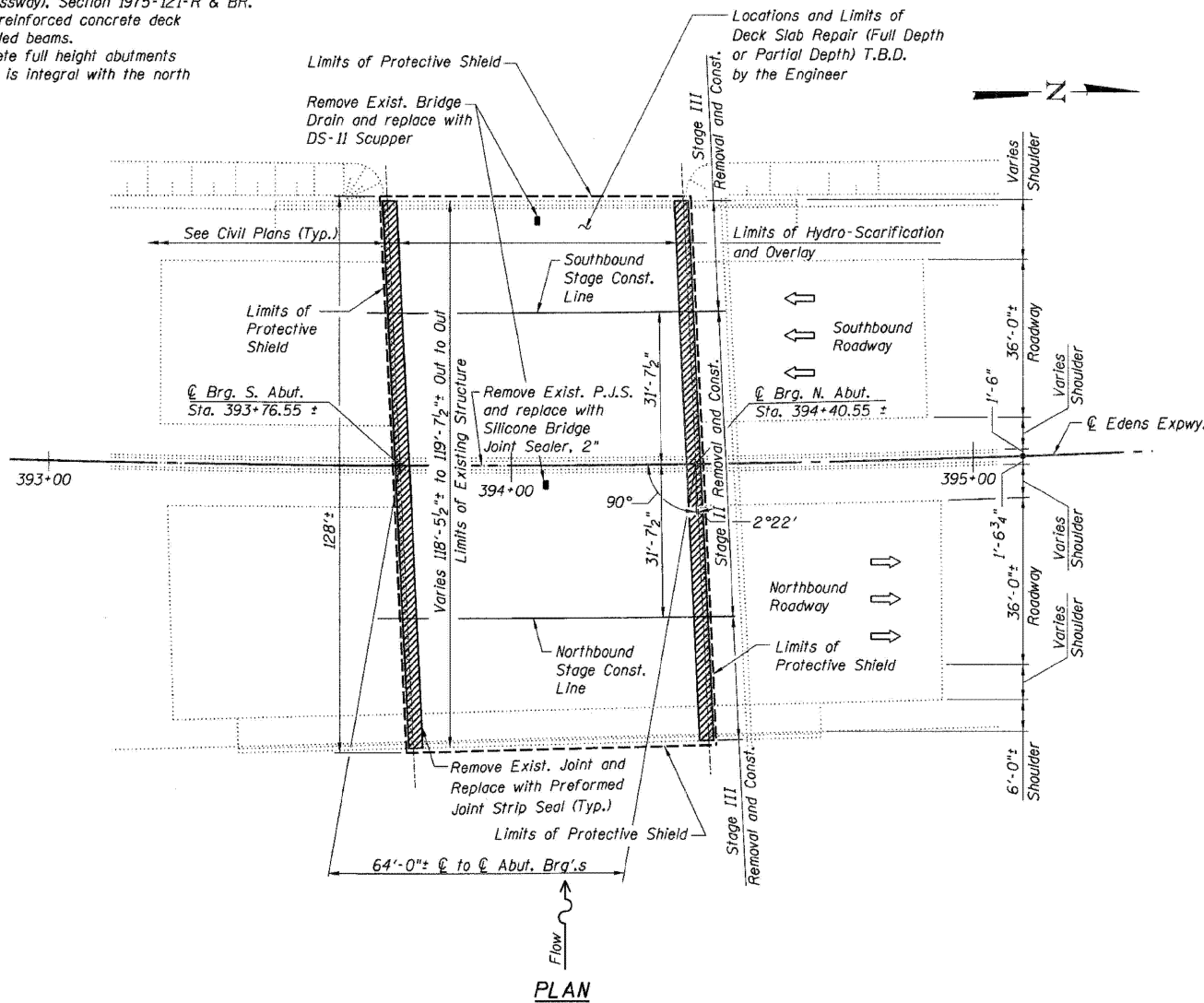
SCALE: SHEET 002 OF 2 SHEETS STA. TO STA.

VAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	6
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

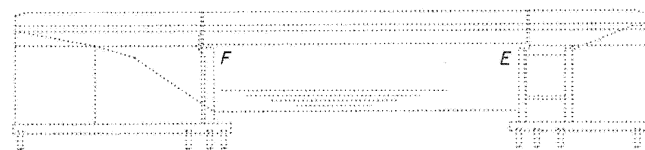
FOR INFORMATION ONLY

B.M. - Engineer to set temporary benchmark in field as necessary.

Existing Structure - Structure No. 016-0102, built as S.A. Route 263, Section 263-0909.2-15D at Station 394+08.30 in 1949, rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway), Section 1975-121-R & BR. The existing structure consists of a non-composite reinforced concrete deck supported by simple span steel plate girders and rolled beams. The substructure consists of steel reinforced concrete full height abutments supported on pile foundations. An underpass tunnel is integral with the north abutment below the north approach.



PLAN



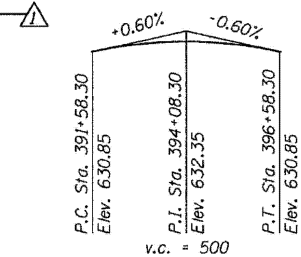
ELEVATION
(Looking West)

EXISTING CURVE DATA

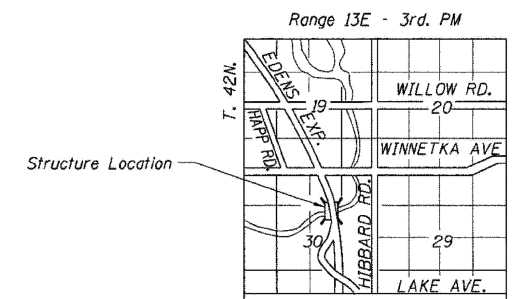
$\Delta = 26^\circ 24'$ $E = 97.19'$
 $D = 1^\circ 36'$ $R = 3581.10'$
 $T = 839.95$ $S = 0.038'/ft.$
 $L = 1650.00$ $P.I. = Sta. 387+50.54N$

SCOPE OF WORK

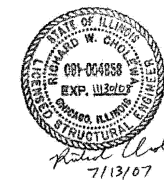
1. Provide Protective Shield with limits as indicated.
2. [Symbol]
3. Close Stage II construction areas to traffic.
4. Hydro-Scarify the deck slab.
5. Remove and replace expansion joints and surrounding concrete (including parapets).
6. Perform deck slab repair.
7. Remove existing floor drains and install new scuppers at existing locations.
8. Place Overlay.
9. Overlay bridge approaches (See Civil Plans).
10. Open Stage II construction area to staged traffic.
11. Close Stage III Removal areas to traffic.
12. Repeat steps 4-9 but for Stage III construction.
13. Open bridge to traffic.



EXISTING PROFILE GRADE
EDENS EXPRESSWAY



LOCATION SKETCH



LEGEND

- Limits of Protective Shield
- ▨ Concrete Removal / Joint Reconstruction

GENERAL PLAN AND ELEVATION
 F.A.I. 94/ (EDENS EXPRESSWAY)
 OVER SKOKIE RIVER
 COOK COUNTY
 STATION 394+08.55
 STRUCTURE NO. 016-0102

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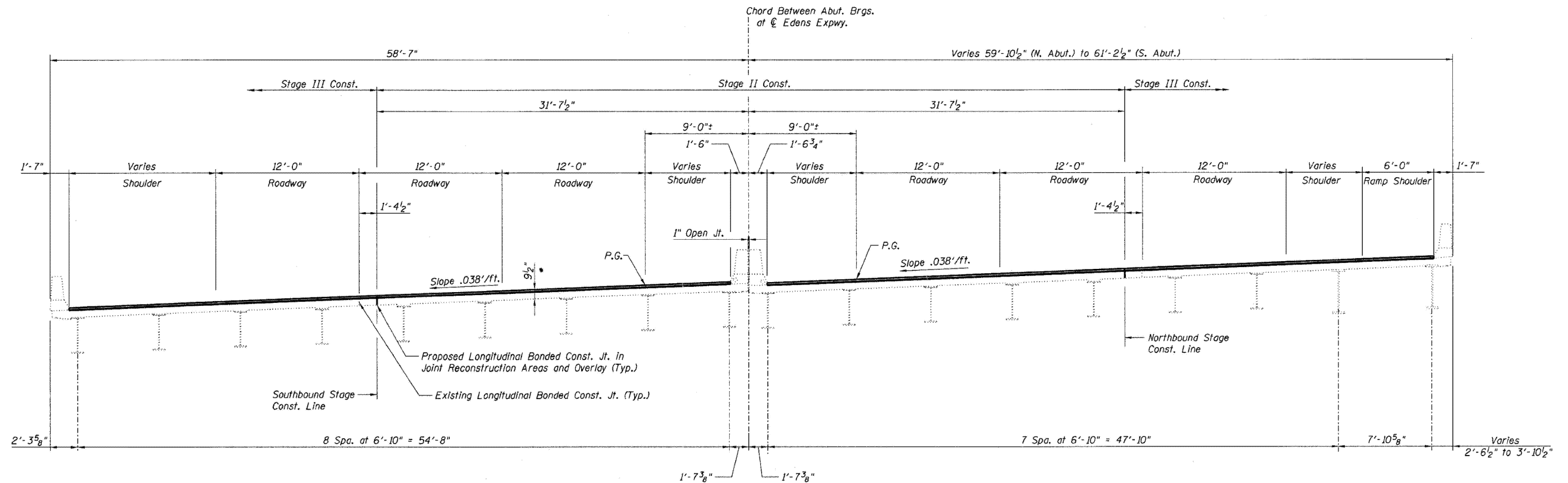
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 1: I-94 OVER SKOKIE RIVER (SN 016-0102)
 EXISTING STRUCTURE DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	7
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



TYPICAL SECTION
(Looking North)

**TYPICAL SECTION THRU BRIDGE
F.A.I. 94 / (EDENS EXPRESSWAY)
OVER SKOKIE RIVER
COOK COUNTY
STATION 394+08.55
STRUCTURE NO. 016-0102**

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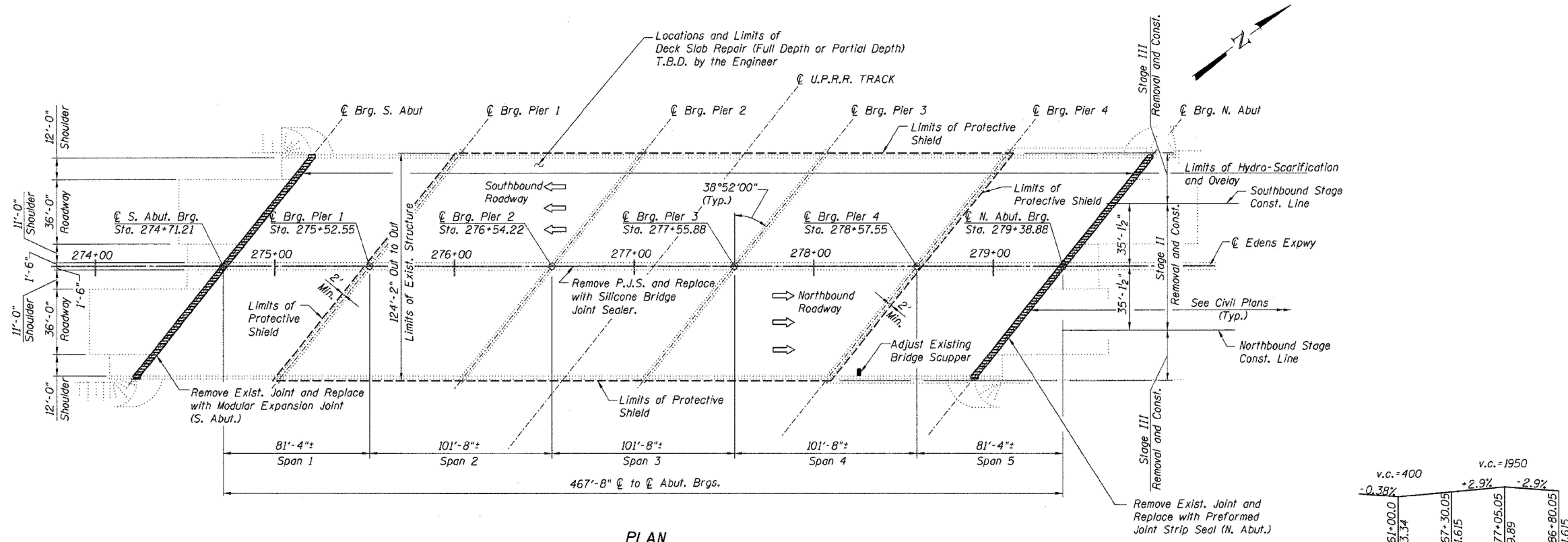
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1: I-94 OVER SKOKIE RIVER (SN 016-0102)			
EXISTING STRUCTURE DETAILS			
SCALE:	SHEET 2	OF 4 SHEETS	STA. TO STA.

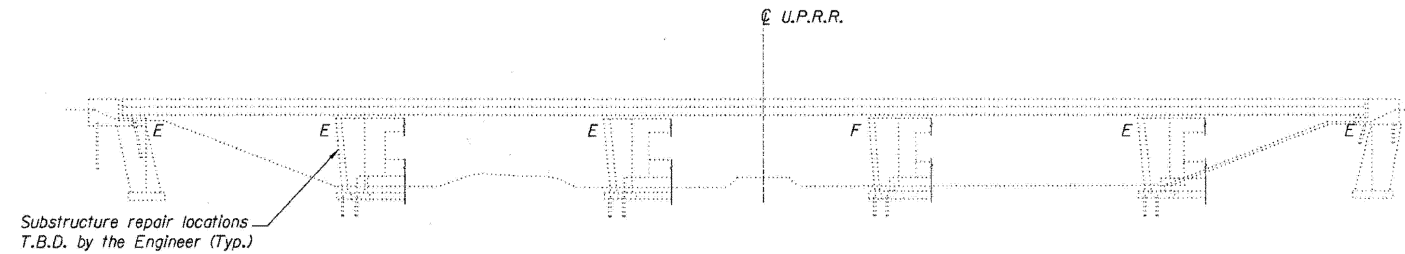
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VAR.	2024-1009-BDS	COOK	192	8
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

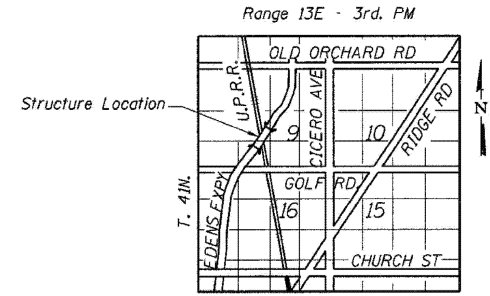
Existing Structure - Structure No. 016-0103&4, built as S.A. Rte. 263, Section 263-0707.1-15D at Station 277+11.26 in 1949, rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway), Section 1975-120-R & BR. The existing structures consist of a five span continuous non-composite steel multi-beam structure supporting a reinforced concrete deck. The steel beams consist of W36 rolled shapes. The substructure consists of reinforced concrete spill thru abutments supported on piles and reinforced concrete multi-column piers supported on piles.



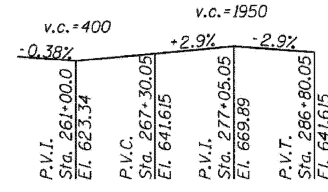
PLAN



ELEVATION
(Looking West)



LOCATION SKETCH



EXISTING PROFILE GRADE
EDENS EXPRESSWAY

GENERAL PLAN & ELEVATION
F.A.I. 94 / (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

MODEL: 5 (Sheet)
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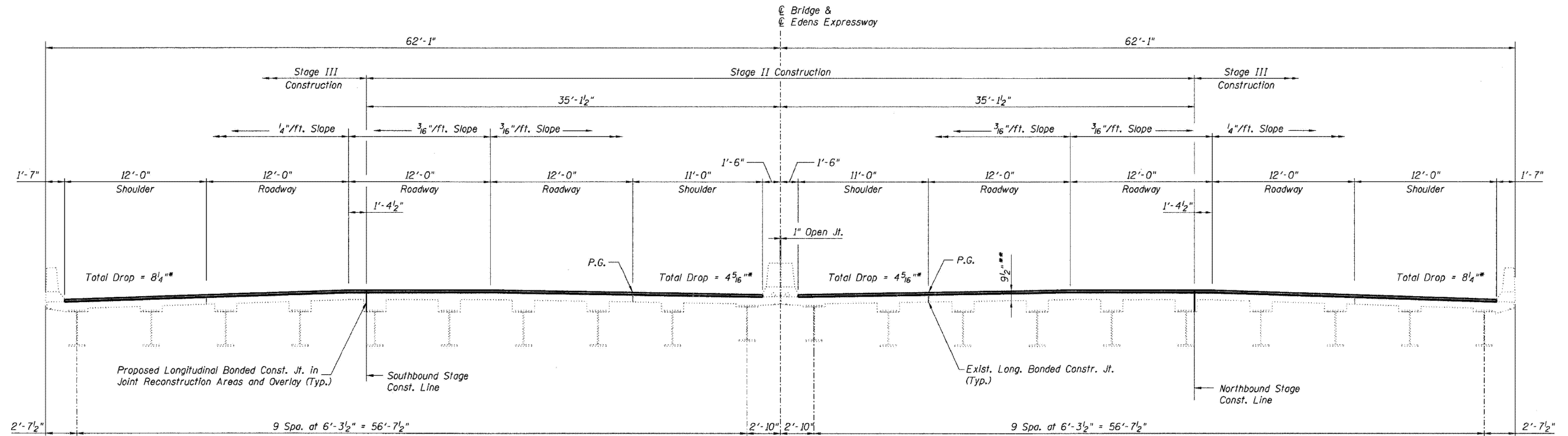
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PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 2 & 3: I-94 OVER SKOKIE VALLEY TRAIL (SN 016-0103 / 016-0104)	
EXISTING STRUCTURE DETAILS	
SCALE:	SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	11
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



TYPICAL SECTION THRU BRIDGE
(Looking North)

* Cross Slopes shown are for locations as follows:
N.B. Roadway: Sta. 274+48 to Sta. 278+28
S.B. Roadway: Sta. 274+48 to Sta. 279+03
portions of the bridge outside these limits are
in Superelevation transition areas.

TYPICAL SECTION THRU BRIDGE
F.A.I. 94 / (EDENS EXPRESSWAY)
OVER U.P.R.R.
COOK COUNTY
STATION 277+05.05
STRUCTURE NO. 016-0103 & 016-0104

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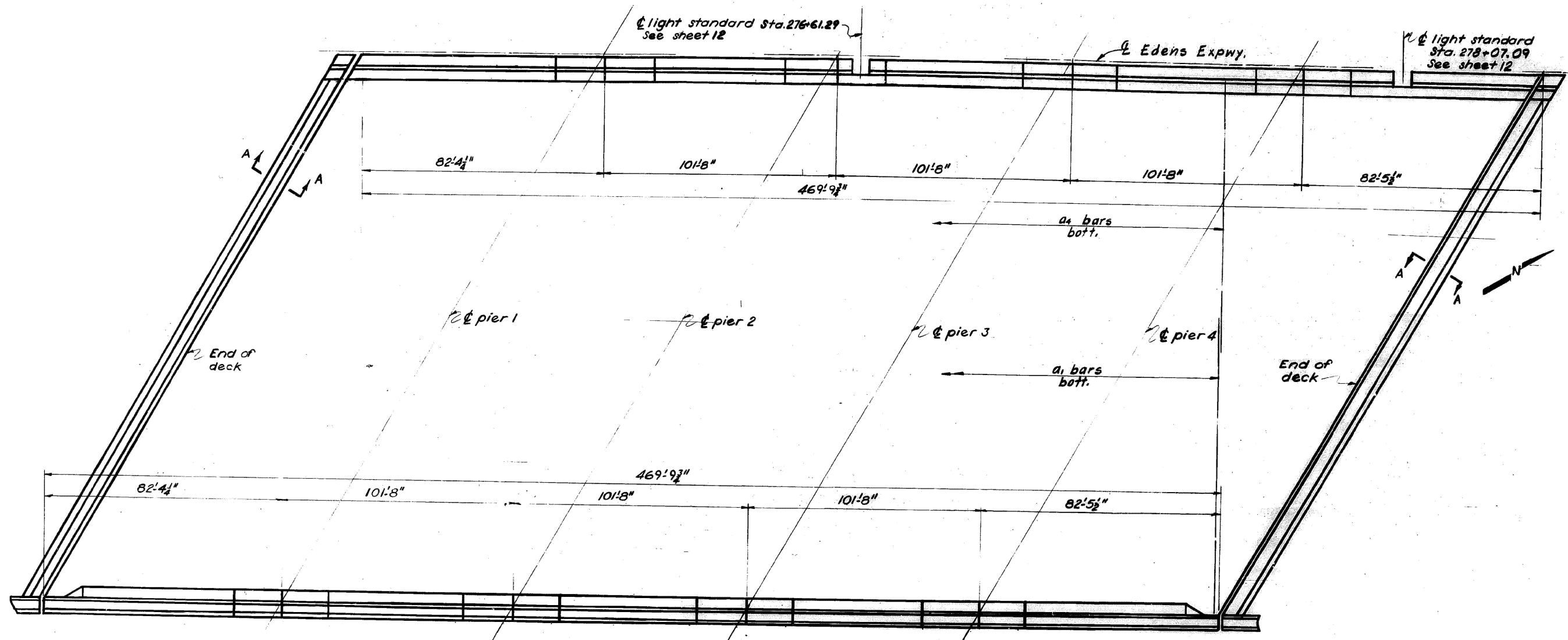
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 2 & 3: I-94 OVER SKOKIE VALLEY TRAIL (SN 016-0103 / 016-0104)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	12
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



NORTH BOUND DECK
 Details and dimensions not
 shown same as southbound roadway.

**N.B. ROADWAY
 DECK REINFORCEMENT
 FAI ROUTE 94 SECTION 1975-120-R-BR
 COOK COUNTY
 STA. 277+05.05**

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PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

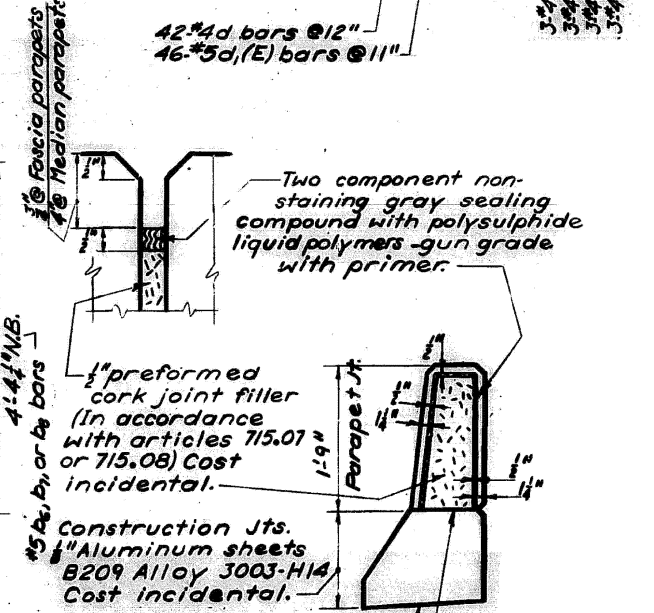
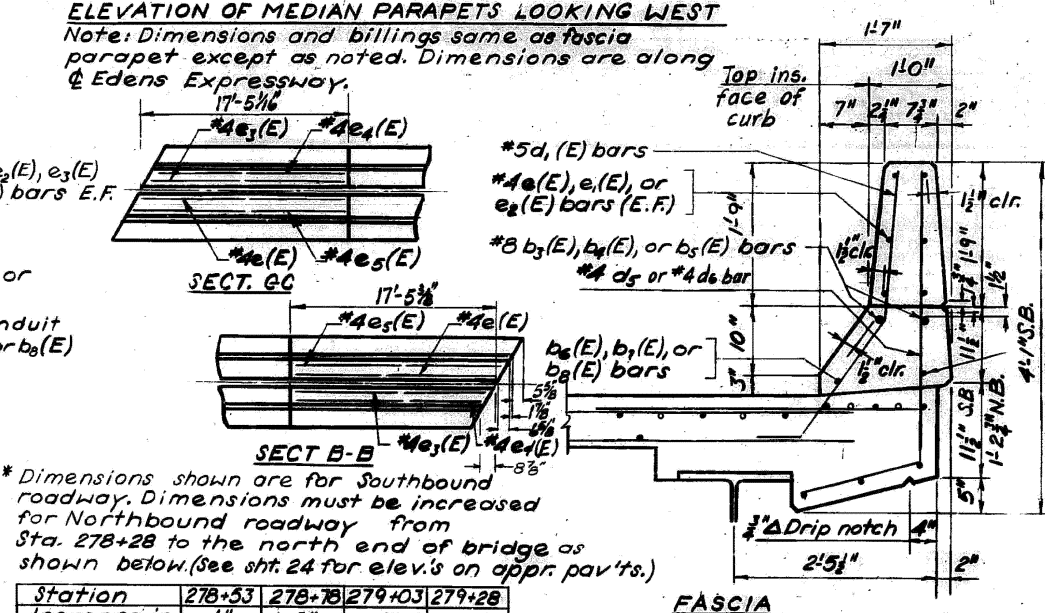
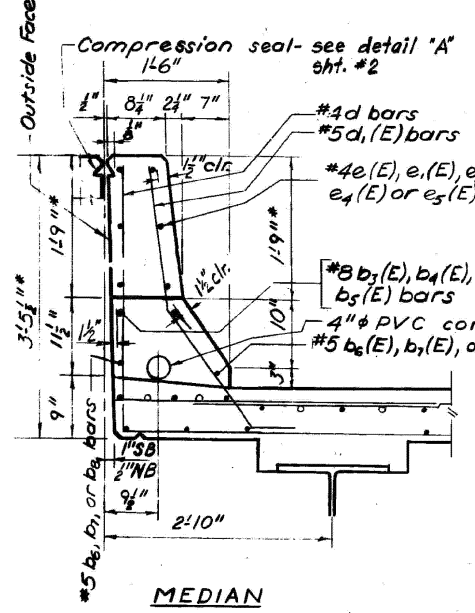
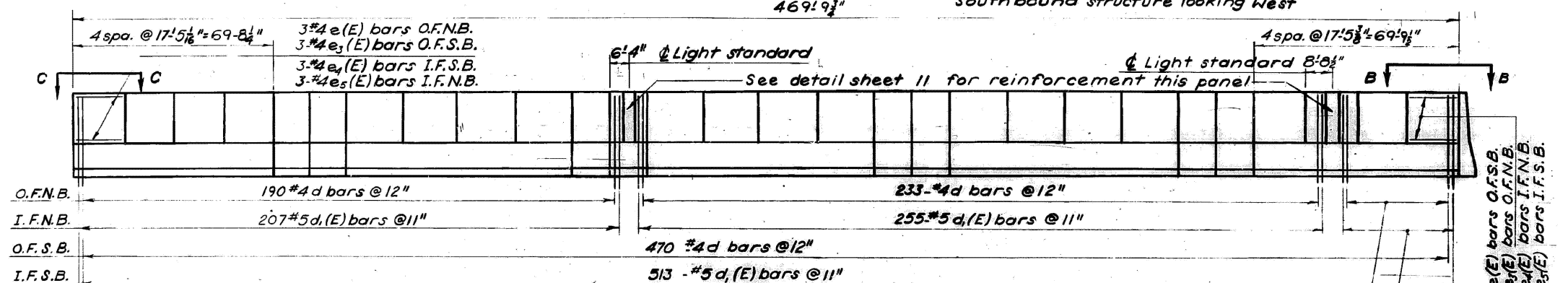
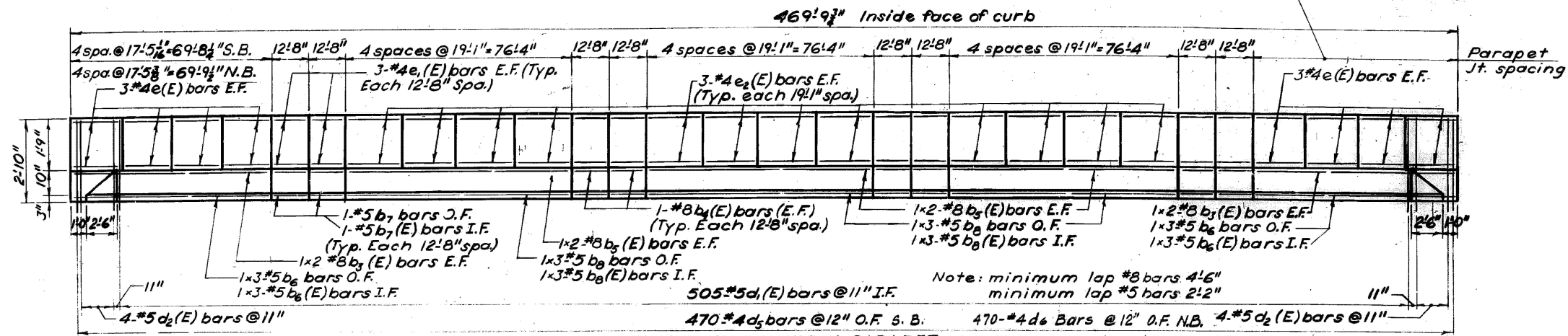
**LOCATION 2 & 3: I-94 OVER SKOKIE VALLEY TRAIL (SN 016-0103 / 016-0104)
 EXISTING STRUCTURE DETAILS**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	14
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

4 spa. @ 17'-5 1/2" = 69'-9 1/2" S.B.
4 spa. @ 17'-5 1/2" = 69'-9 1/2" N.B.



* Dimensions shown are for Southbound roadway. Dimensions must be increased for Northbound roadway from Sta. 278+28 to the north end of bridge as shown below. (See sht. 24 for elev.'s on app. pav'ts.)

Station	278+53	278+78	279+03	279+28
Increase in parapet ht.	1/4"	3/8"	1/2"	1 1/2"

PARAPET CROSS SECTIONS

PARAPET DETAILS
FAI ROUTE 94 SECTION 1975-120-R-BR
COOK COUNTY
STA. 277+05.05

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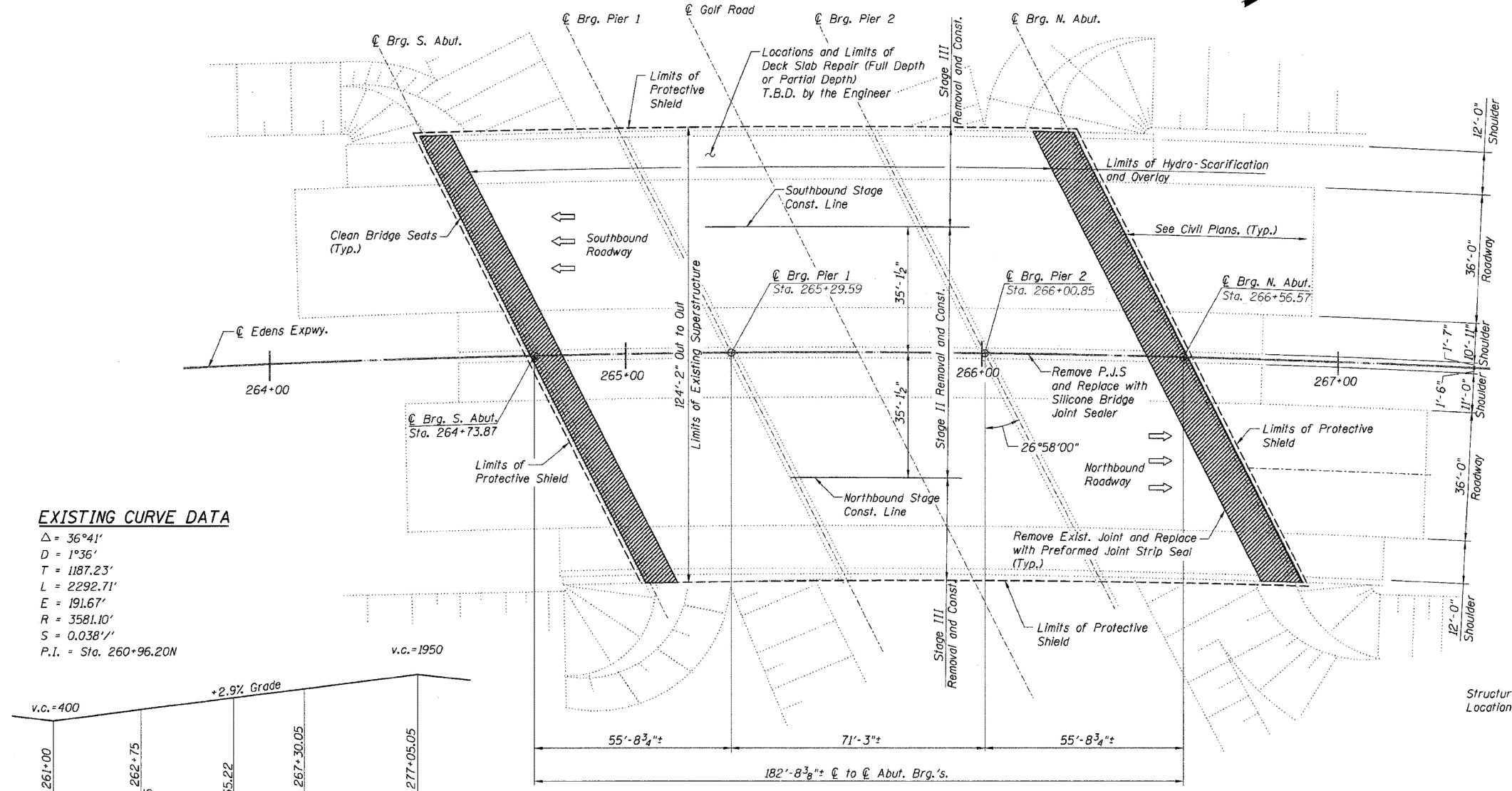
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 2 & 3: I-94 OVER SKOKIE VALLEY TRAIL (SN 016-0103 / 016-0104)	
EXISTING STRUCTURE DETAILS	
SCALE:	SHEET 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	15
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

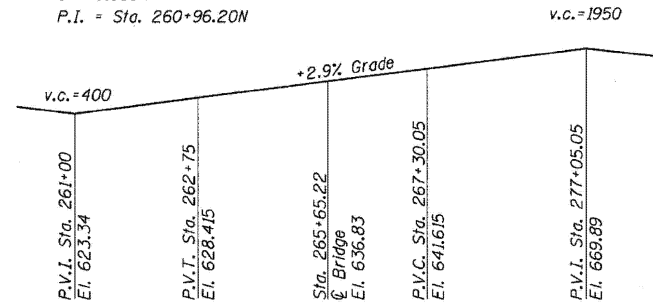
FOR INFORMATION ONLY

Existing Structure - Structure No. 016-0105, built as S.A. Rte. 263, Section 263-0607.1-15D at Station 265+65.22 in 1949. The structure was rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway), Section 1975-120-R & BR. The existing structure consists of a three span continuous non-composite steel multi-beam structure supporting a reinforced concrete deck. The steel beams consist of W36 rolled shapes. The substructure consists of reinforced concrete spill thru abutments supported on piles and reinforced concrete multi-column piers supported by spread footings.



EXISTING CURVE DATA

$\Delta = 36^\circ 41'$
 $D = 1^\circ 36'$
 $T = 1187.23'$
 $L = 2292.71'$
 $E = 191.67'$
 $R = 3581.10'$
 $S = 0.0381''$
 $P.I. = \text{Sta. } 260+96.20N$

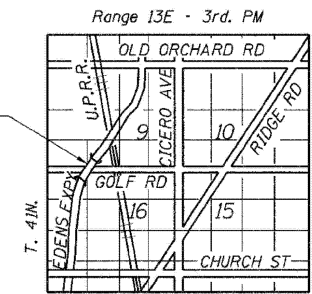


EXISTING PROFILE GRADE EDENS EXPRESSWAY

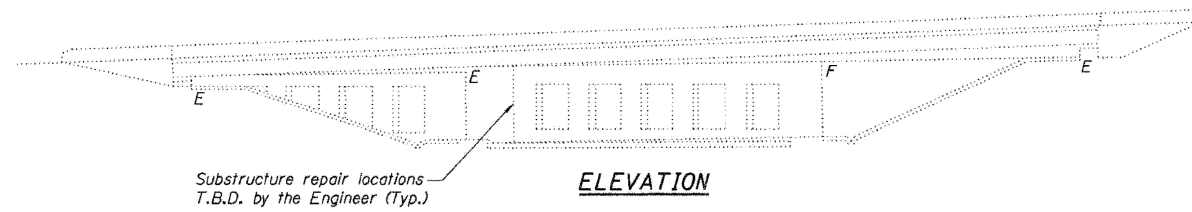
PLAN

LEGEND

- Protective Shield Limits
- ▨ Concrete Removal / Joint Reconstruction



LOCATION SKETCH



ELEVATION

GENERAL PLAN & ELEVATION
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER GOLF ROAD
COOK COUNTY
STATION 265+65.22
STRUCTURE NO. 016-0105

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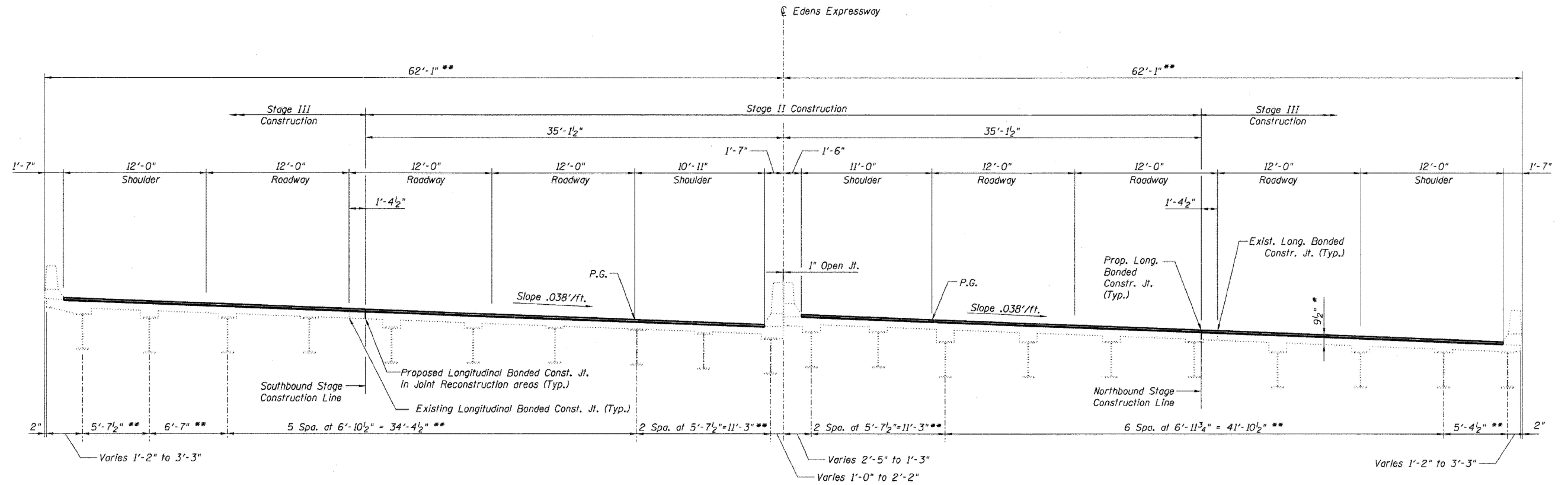
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 4: I-94 OVER GOLF ROAD (SN 016-0105)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	16
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



TYPICAL SECTION THRU BRIDGE
(Looking North)

- 2. For joint removal limits see Sheet Nos. 108 and 109.
- 3. Stage I does not include any bridge work.

TYPICAL SECTION THRU BRIDGE
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER GOLF ROAD
COOK COUNTY
STATION 265+65.22
STRUCTURE NO. 016-0105

MODEL: 44 (Sheet)
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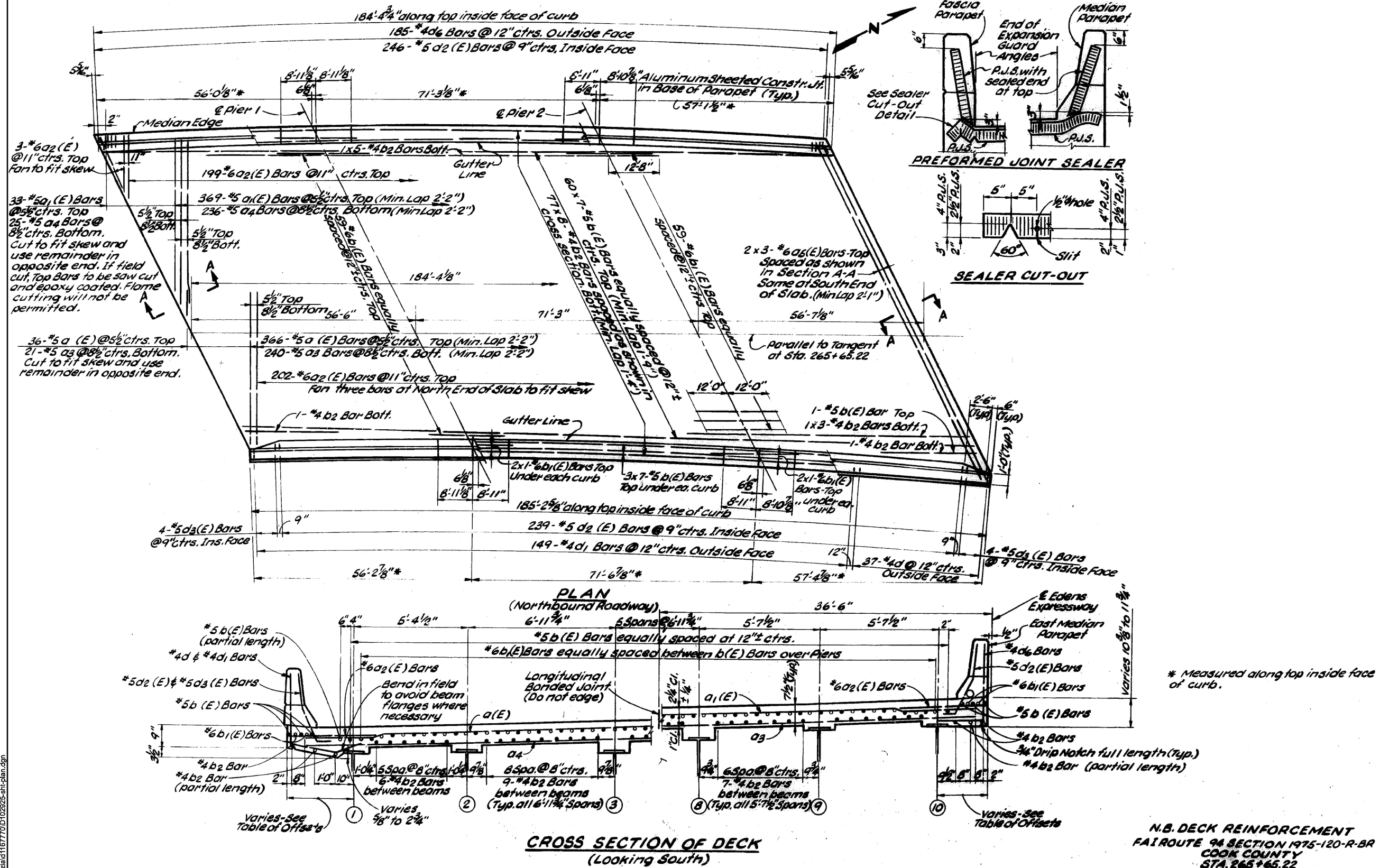
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 4: I-94 OVER GOLF ROAD (SN 016-0105)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	17
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY



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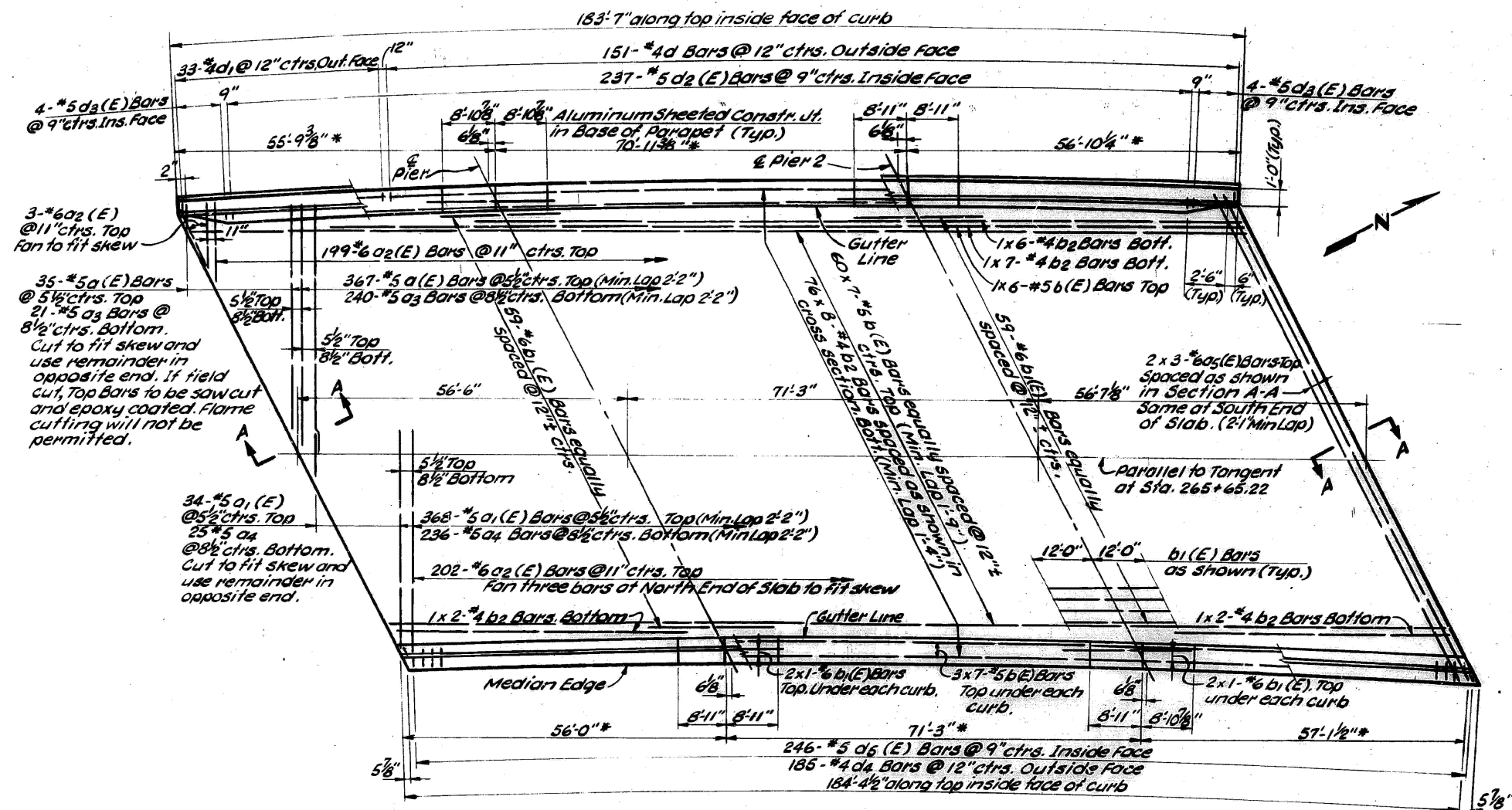
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 4: I-94 OVER GOLF ROAD (SN 016-0105)
 EXISTING STRUCTURE DETAILS

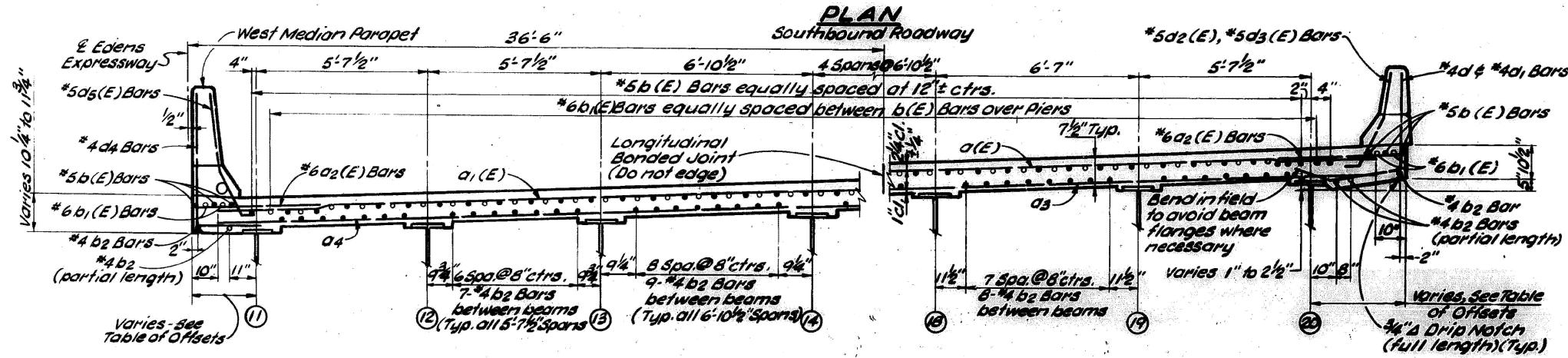
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	18
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



* Measured along top inside face of curb.



CROSS SECTION OF DECK
(Looking South)

S. B. DECK REINFORCEMENT
 I-94 ROUTE 94 SECTION 1975-120-R-BR
 COOK COUNTY
 STA. 265+65.22

MODEL: 48 (Sheet)
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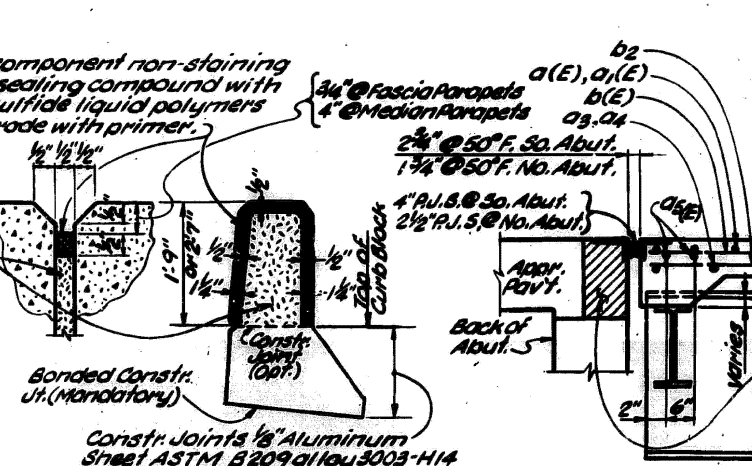
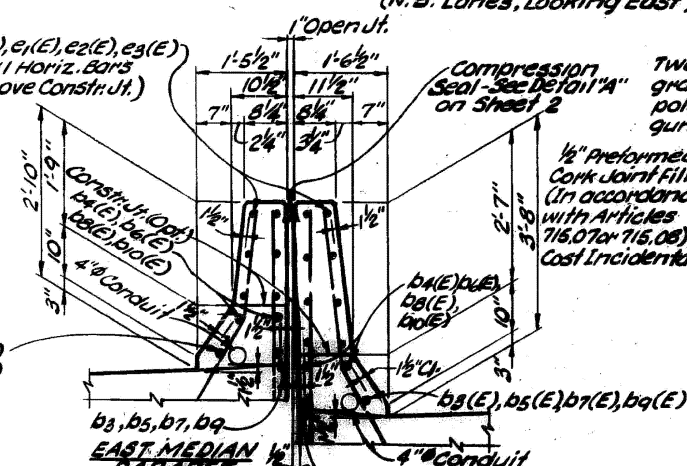
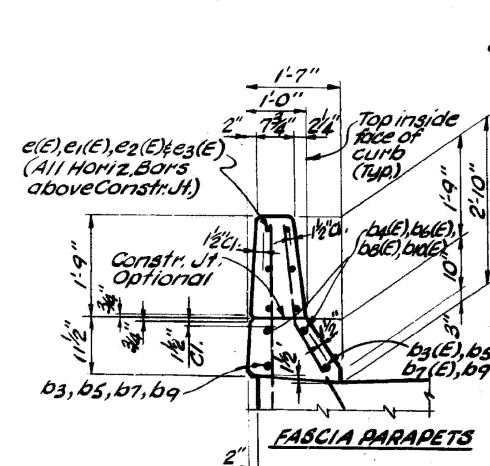
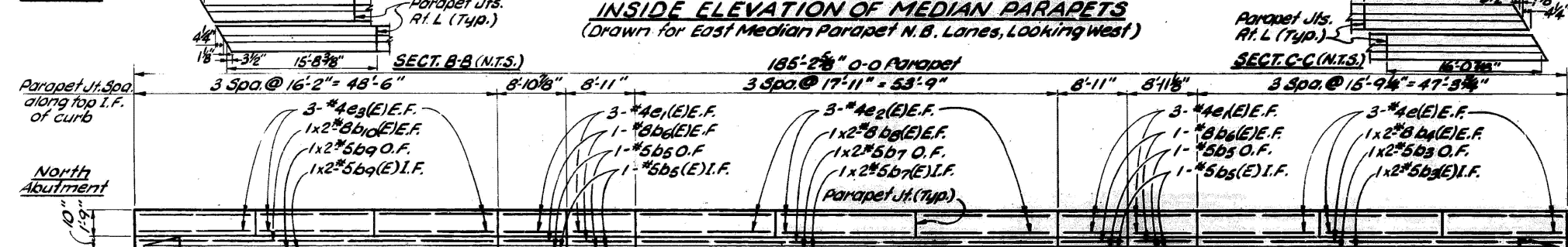
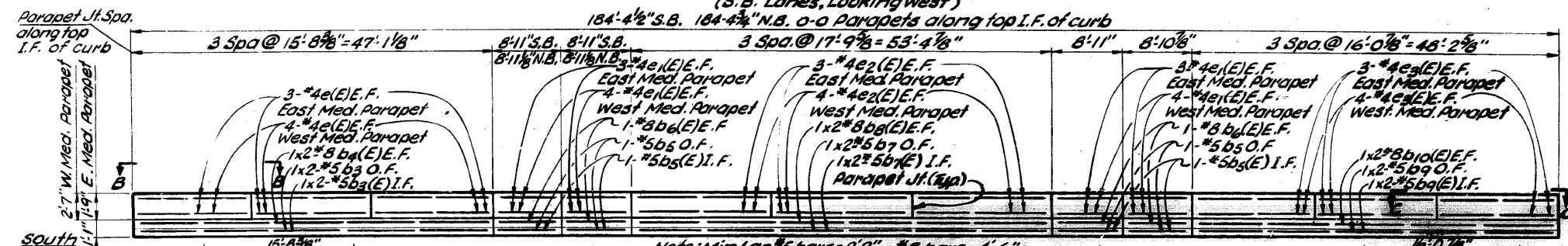
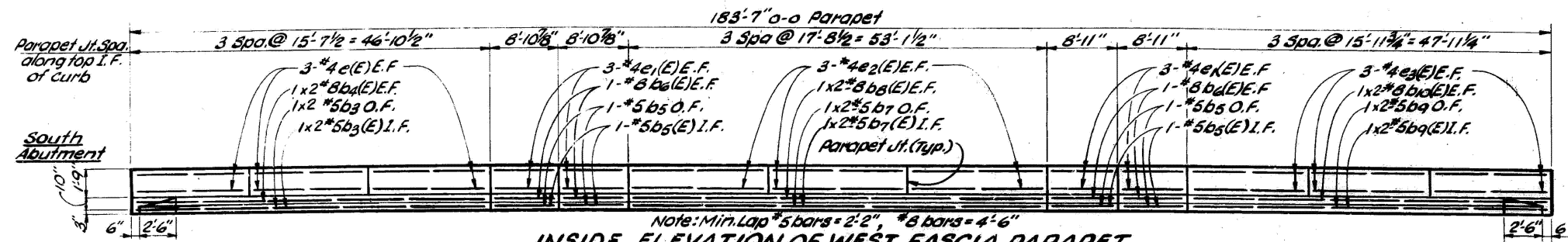
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 4: I-94 OVER GOLF ROAD (SN 016-0105)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	19
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



PARAPET DETAILS
FAI ROUTE 94 SECTION 1975-120-R-BR
COOK COUNTY
STA. 265 + 65.22

MODEL: 47 (Sheet)
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

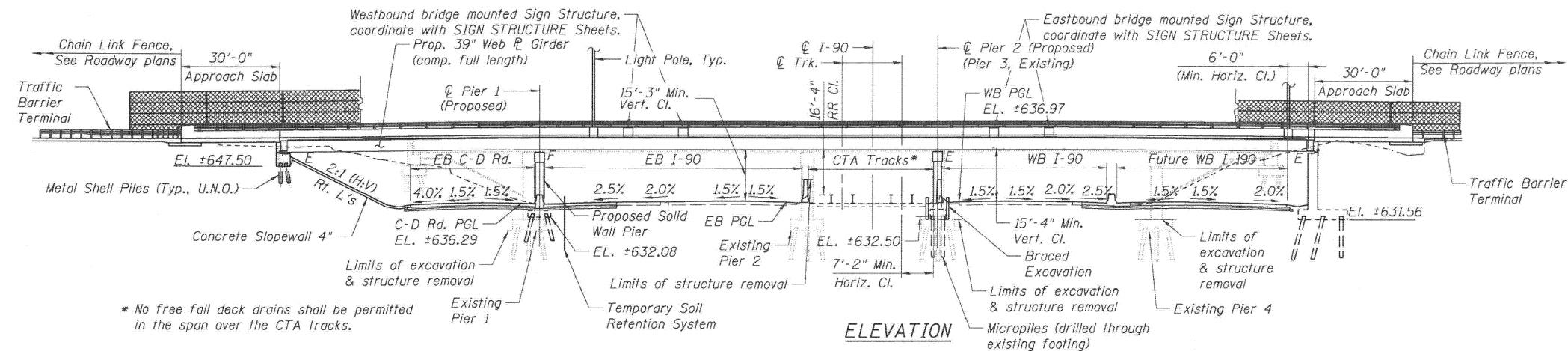
LOCATION 4: I-94 OVER GOLF ROAD (SN 016-0105)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	20
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

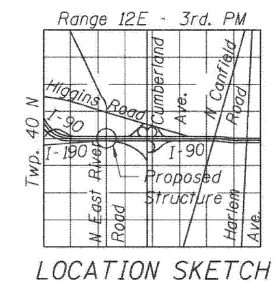
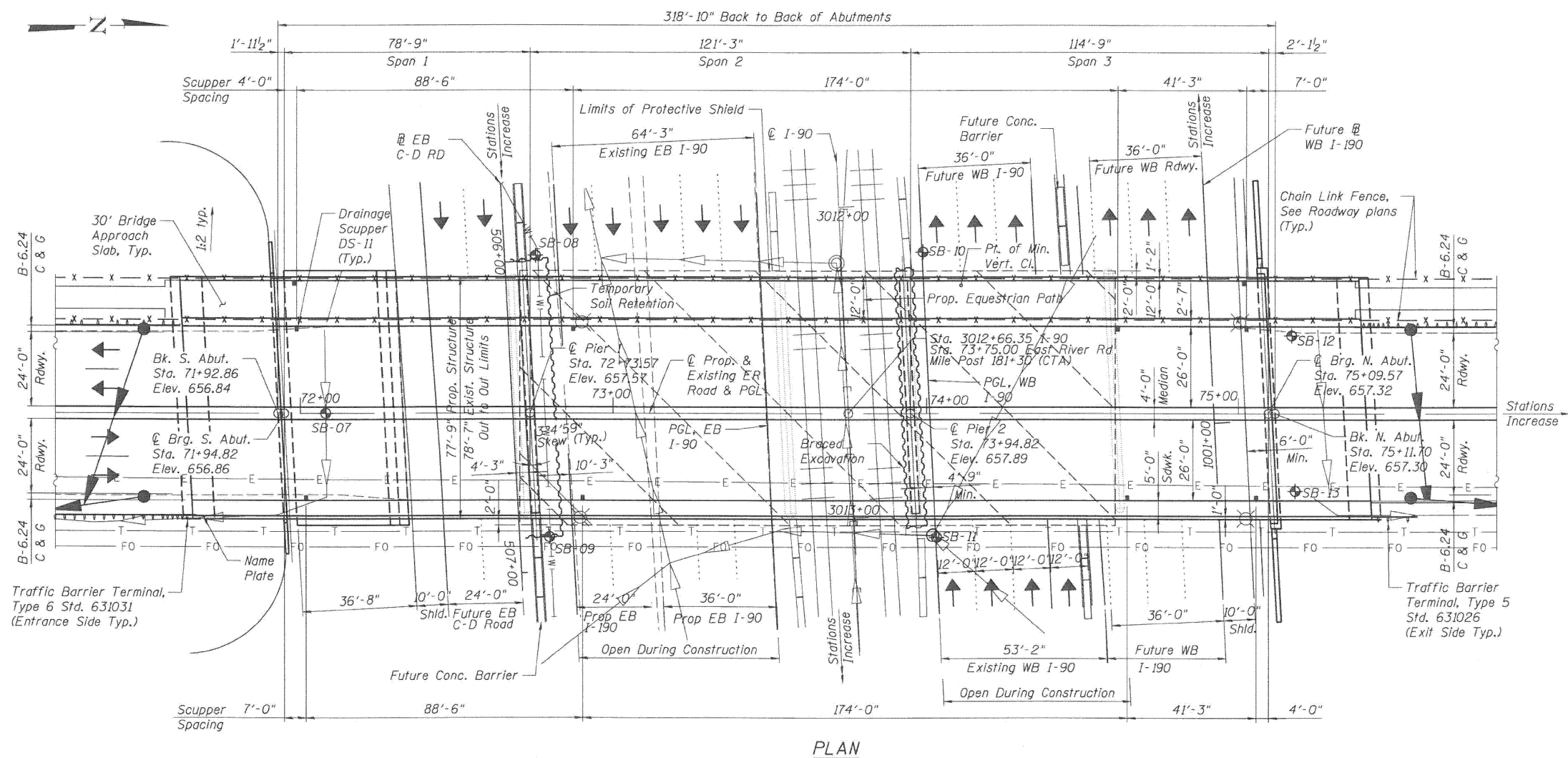
FOR INFORMATION ONLY

Existing structure: S.N. 016-2124 built as F.A.I. Route 173 Project BU-265(20) Section 267-1617-15D in 1958. The structure was rehabilitated & widened in 1981 under F.A.I. Route 173 Project IR-000S(12) Section 81-26722-01-GS. The existing bridge has five simple spans which consist of reinforced concrete deck slab resting on 48" PPC I-beams. Span lengths are 34'-6", 84'-9", 40'-0", 67'-0", and 34'-6". The structure width consists of 61'-0" face to face of parapet for vehicular deck and 15'-0" for equestrian deck for a total deck width of 78'-7". The structure has overall length of 266'-1". Traffic to be detoured during Bridge reconstruction. Sign Structure mounted on east and west fascia girder.



LEGEND

- ⊕ Soil Boring Locations
- ▬ CTA Tracks
- FO Existing Fiber Optic Line
- E Existing/(To be relocated) Electric Line
- Existing Storm Sewer
- Proposed Storm Sewer
- W Existing Water Main
- Existing Underground Telephone Line
- ⊙ Light Pole
- ▭ Braced Excavation/Temporary Soil Retention
- ⊙ Proposed Manhole
- Proposed Catch Basin



GENERAL PLAN
EAST RIVER ROAD OVER I-90
F.A.I. RTE. 90 - SEC. 1617B(13)
COOK COUNTY
STATION 73+75.00
STRUCTURE NO. 016-2280

MODEL: 10 (Sheet) FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

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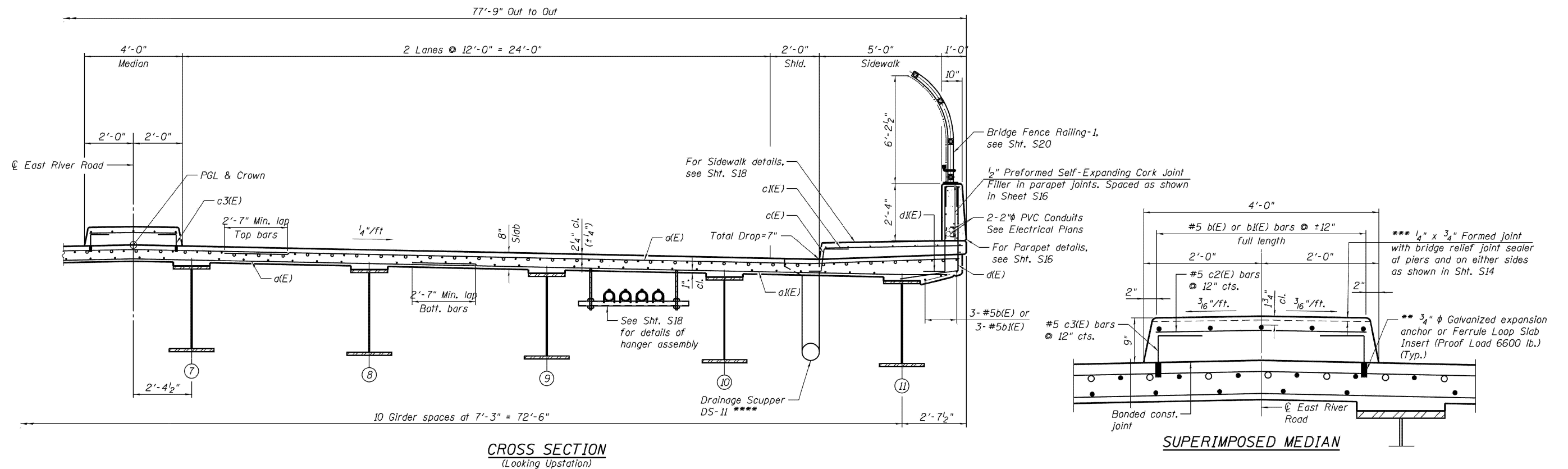
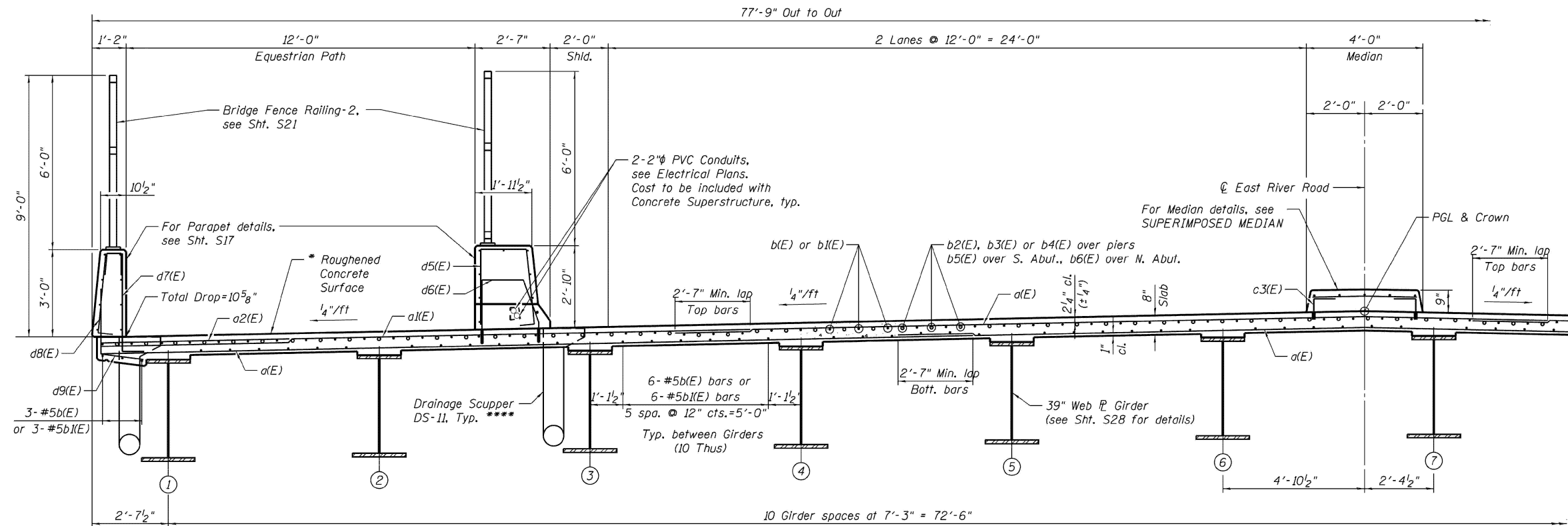
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 5: EAST RIVER ROAD OVER I-90 (SN 016-2280)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	21
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



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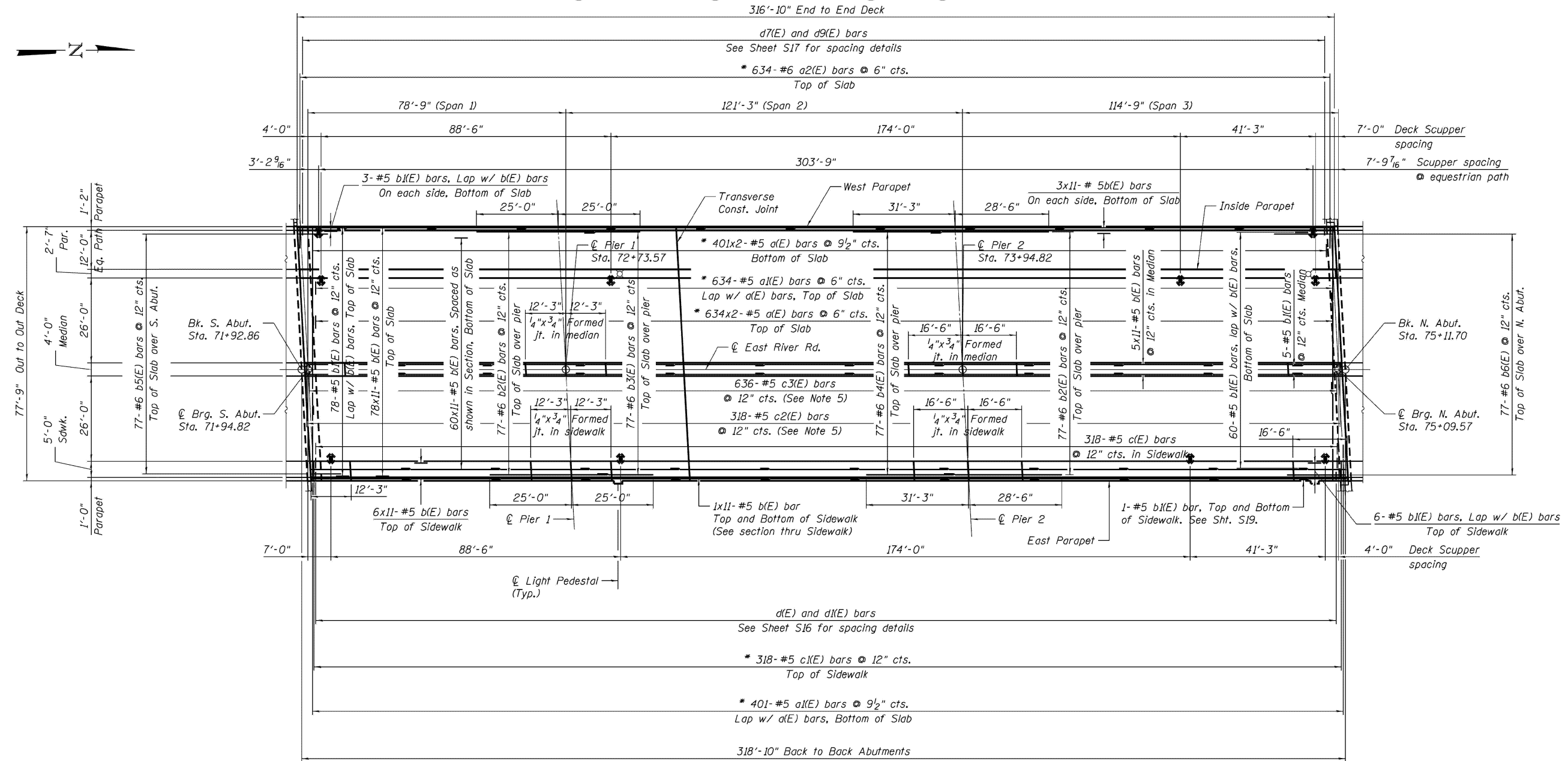
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 5: EAST RIVER ROAD OVER I-90 (SN 016-2280)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	22
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DECK PLAN

DECK PLAN
EAST RIVER ROAD BRIDGE
STRUCTURE NO. 016-2280

MODEL: 12 (Sheet)
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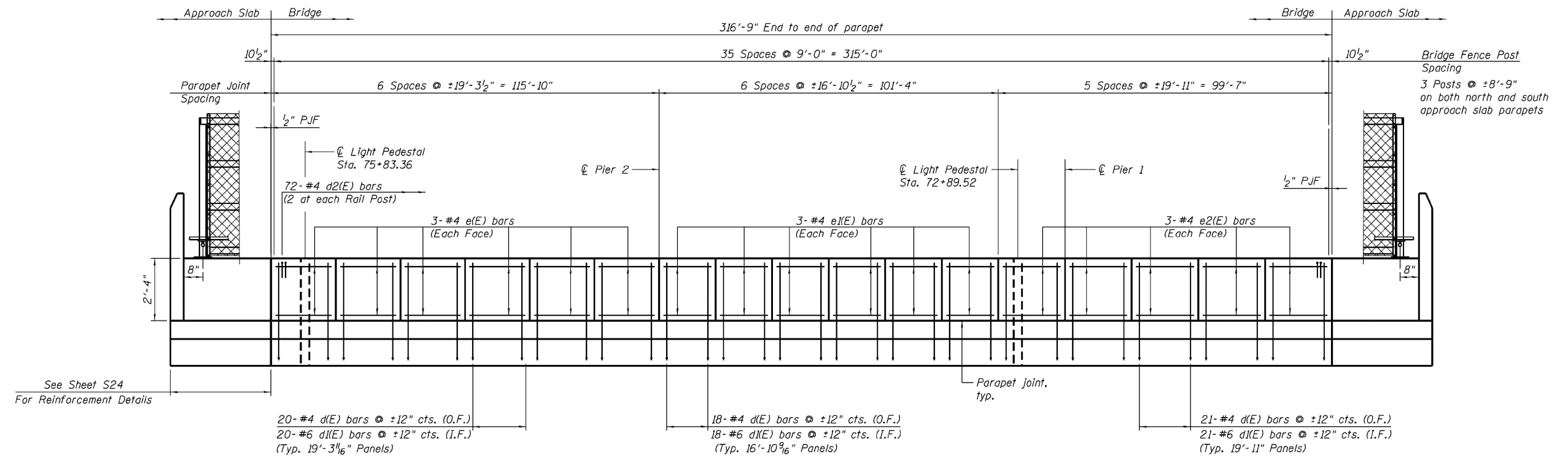
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 5: EAST RIVER ROAD OVER I-90 (SN 016-2280)
EXISTING STRUCTURE DETAILS

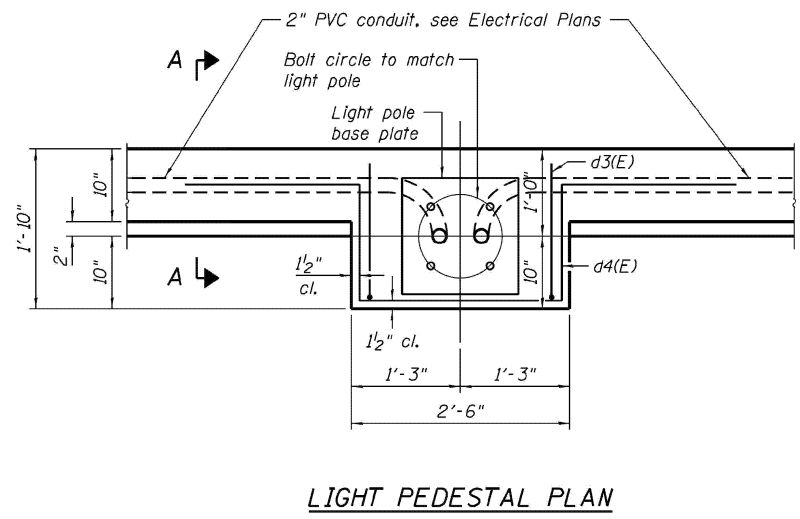
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	23
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

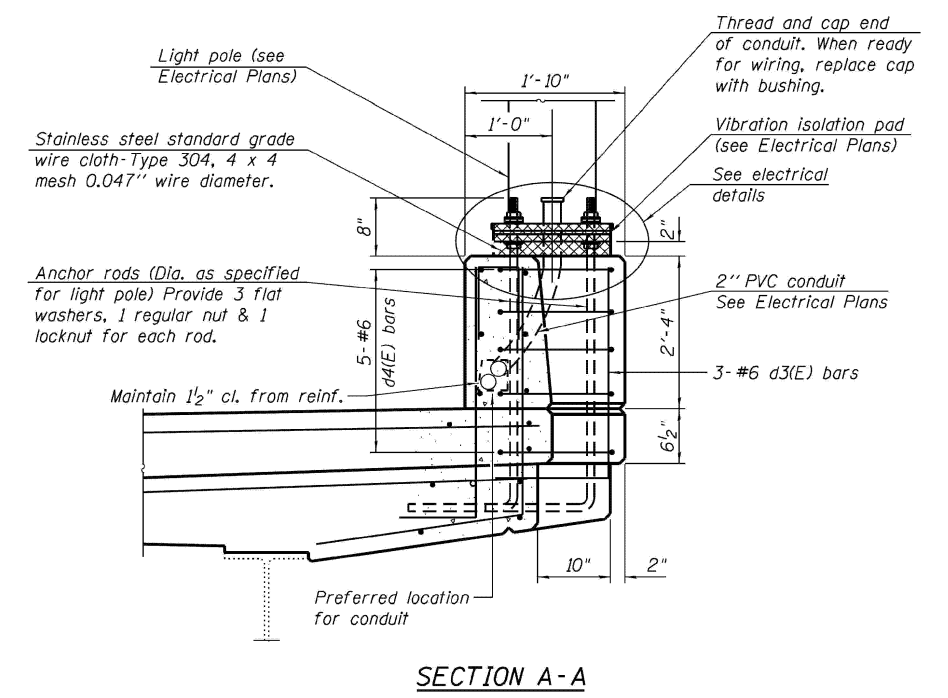
FOR INFORMATION ONLY



EAST PARAPET ELEVATION
(Looking East)



LIGHT PEDESTAL PLAN



SECTION A-A

MODEL: 13 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

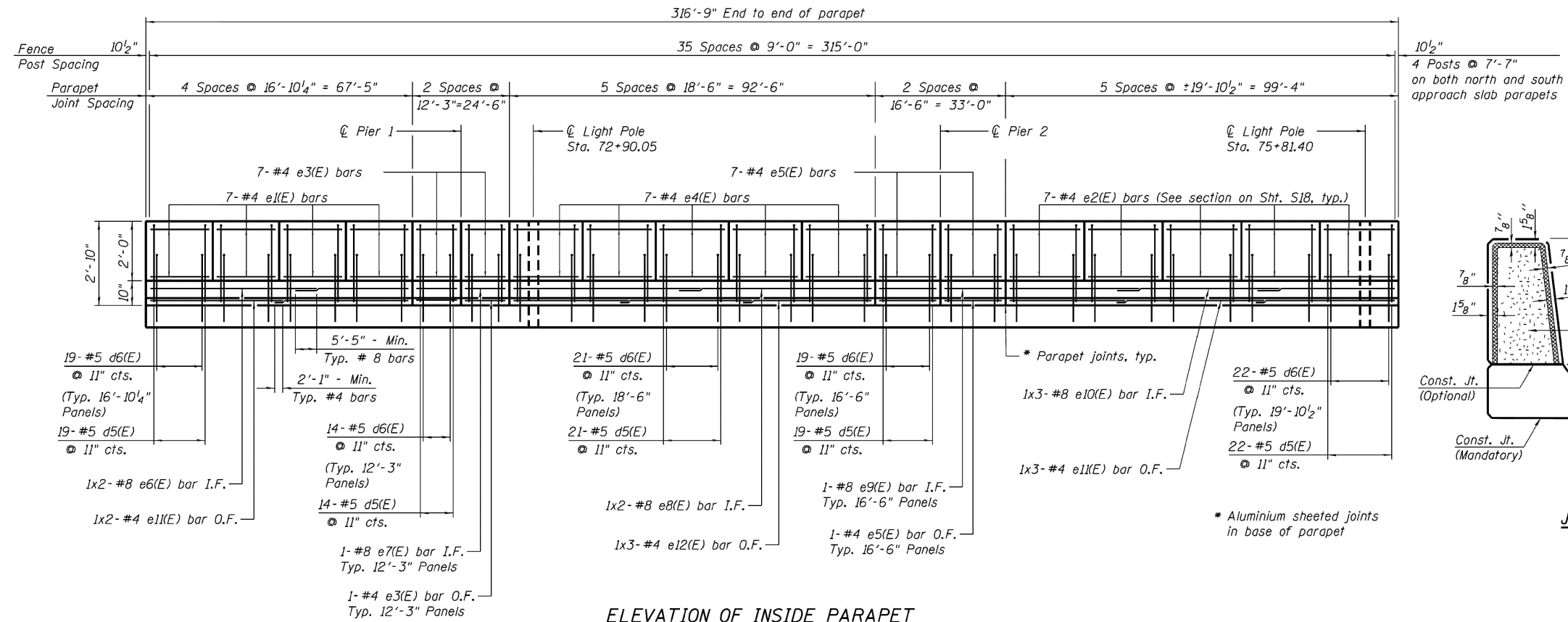
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 5: EAST RIVER ROAD OVER I-90 (SN 016-2280)
EXISTING STRUCTURE DETAILS

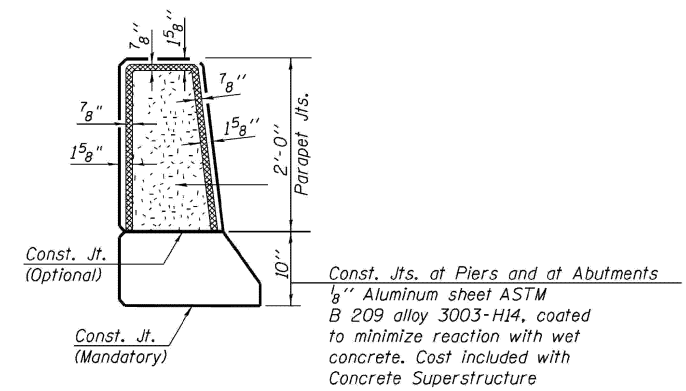
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	24
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

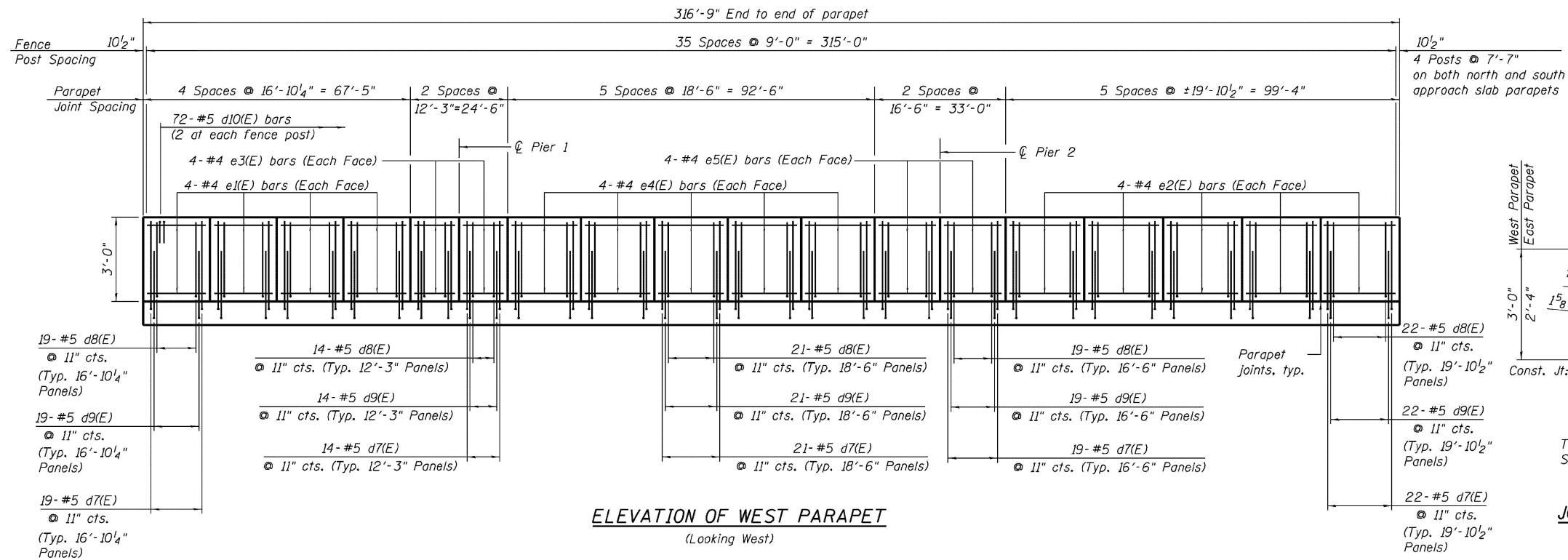
FOR INFORMATION ONLY



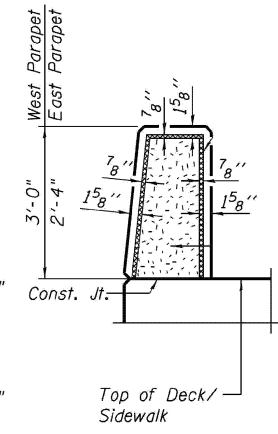
ELEVATION OF INSIDE PARAPET
(Looking West)



JOINT DETAILS-INSIDE PARAPET



ELEVATION OF WEST PARAPET
(Looking West)



JOINT DETAILS - EAST & WEST PARAPET

**EQUESTRIAN TRAIL PARAPET ELEVATION
EAST RIVER ROAD BRIDGE
STRUCTURE NO. 016-2280**

**LOCATION 5: EAST RIVER ROAD OVER I-90 (SN 016-2280)
EXISTING STRUCTURE DETAILS**

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

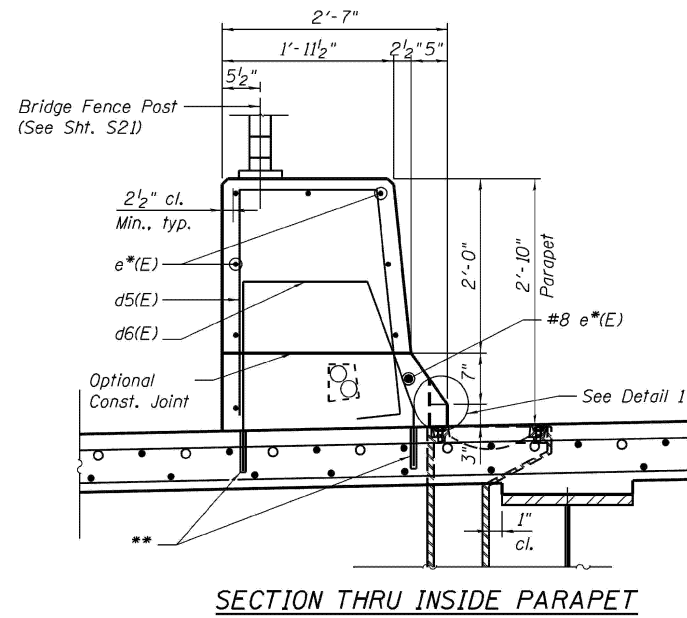
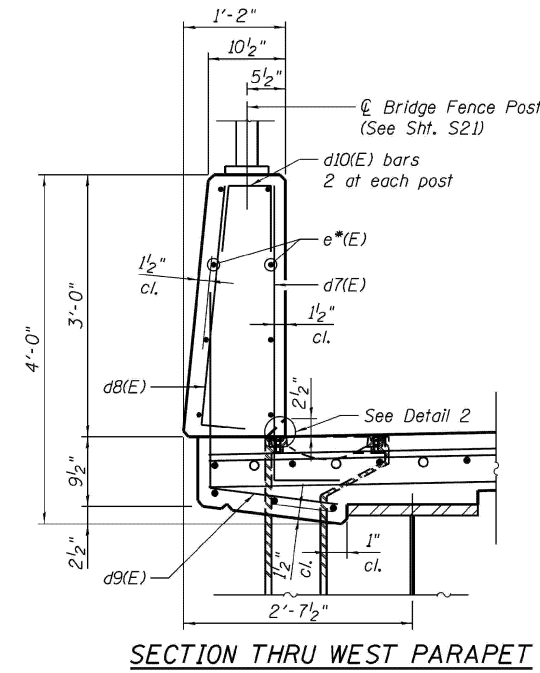
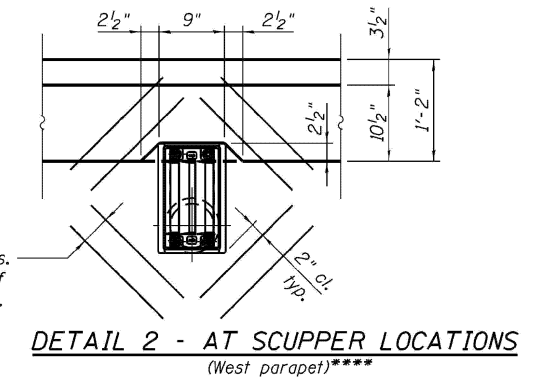
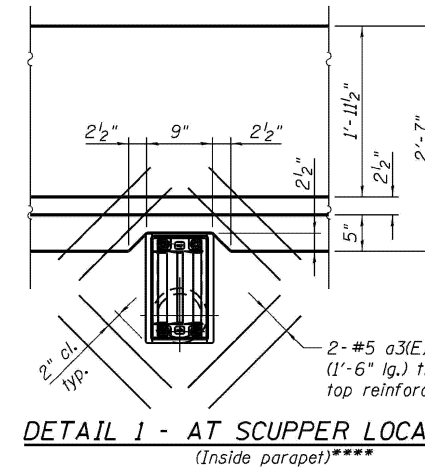
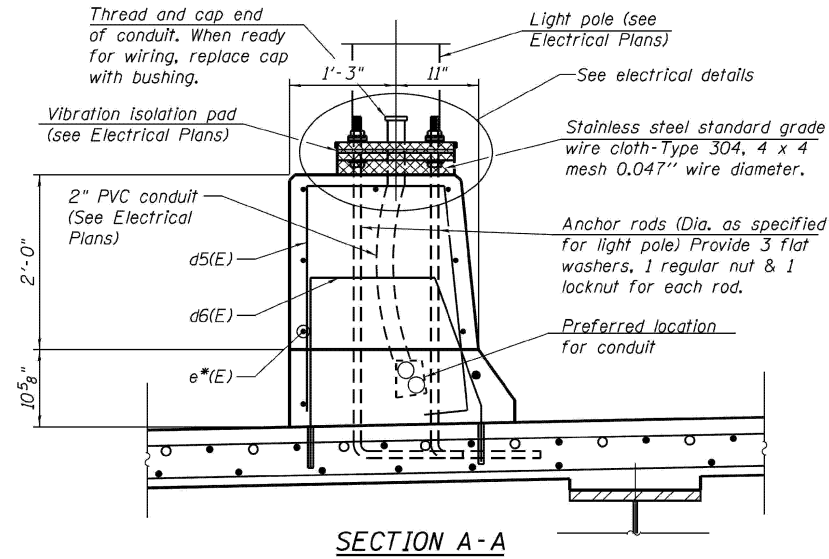
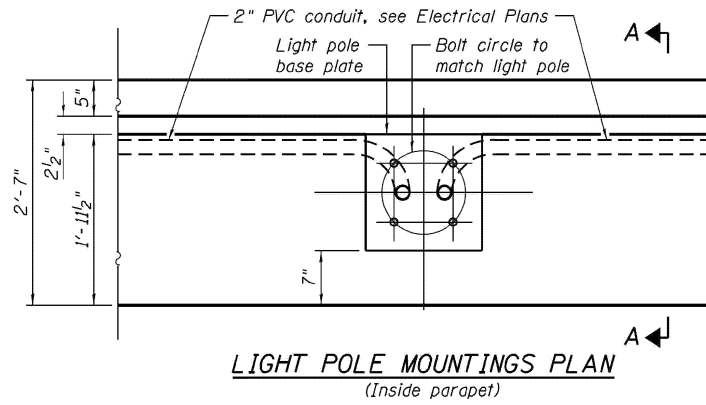
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

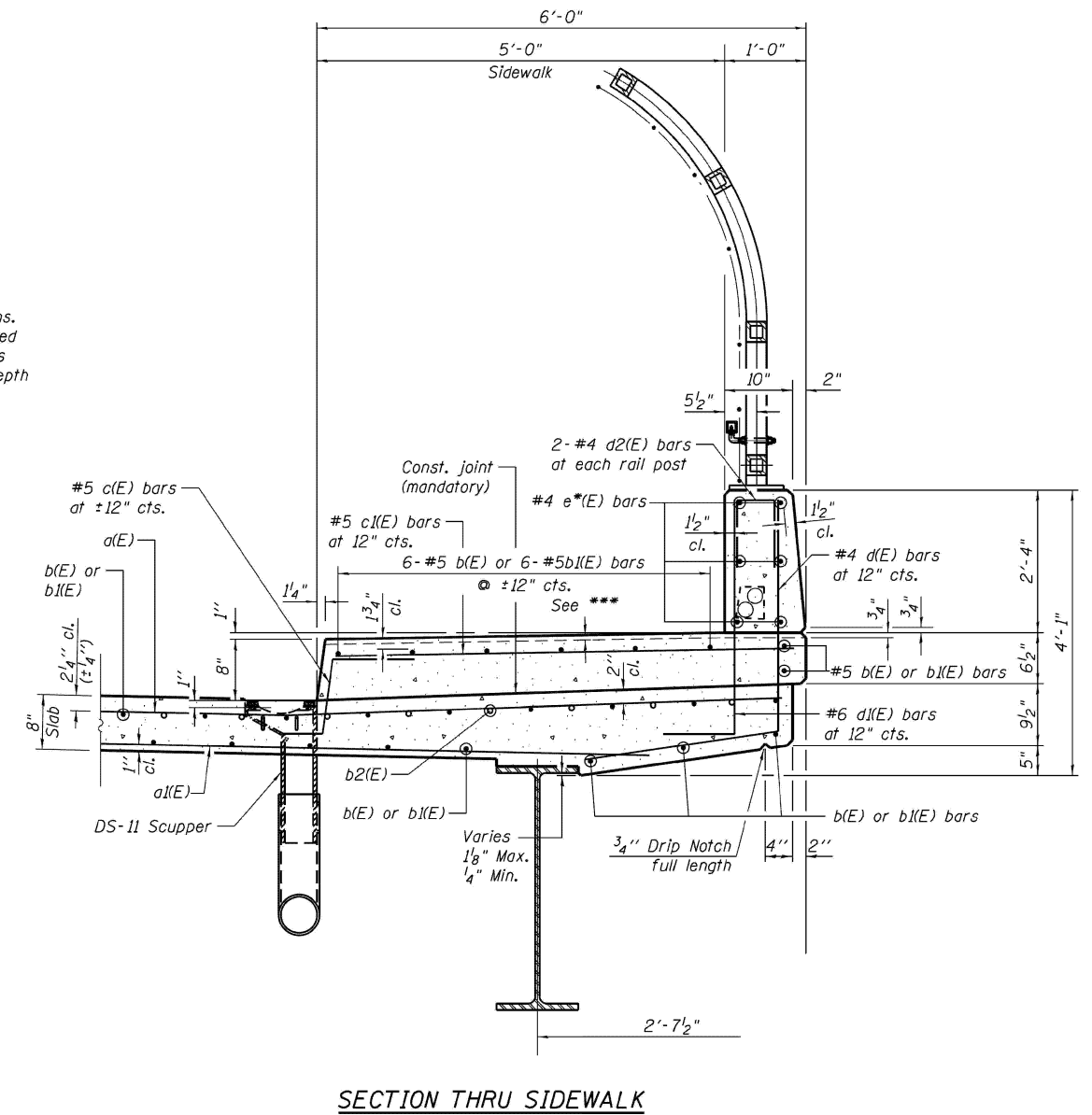
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	25
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

MODEL: 14 (Sheet)
FILE NAME: c:\pwworking\ibidiaz\1167770\102925-shr-plan.dgn

FOR INFORMATION ONLY



- * For bar designations, see Sht. S16 and S17.
- ** Core and set #5 d5(E) bar according to Article 509.06 of the Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6".



**DECK DETAILS
EAST RIVER ROAD BRIDGE
STRUCTURE NO. 016-2280**

MODEL: 15 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

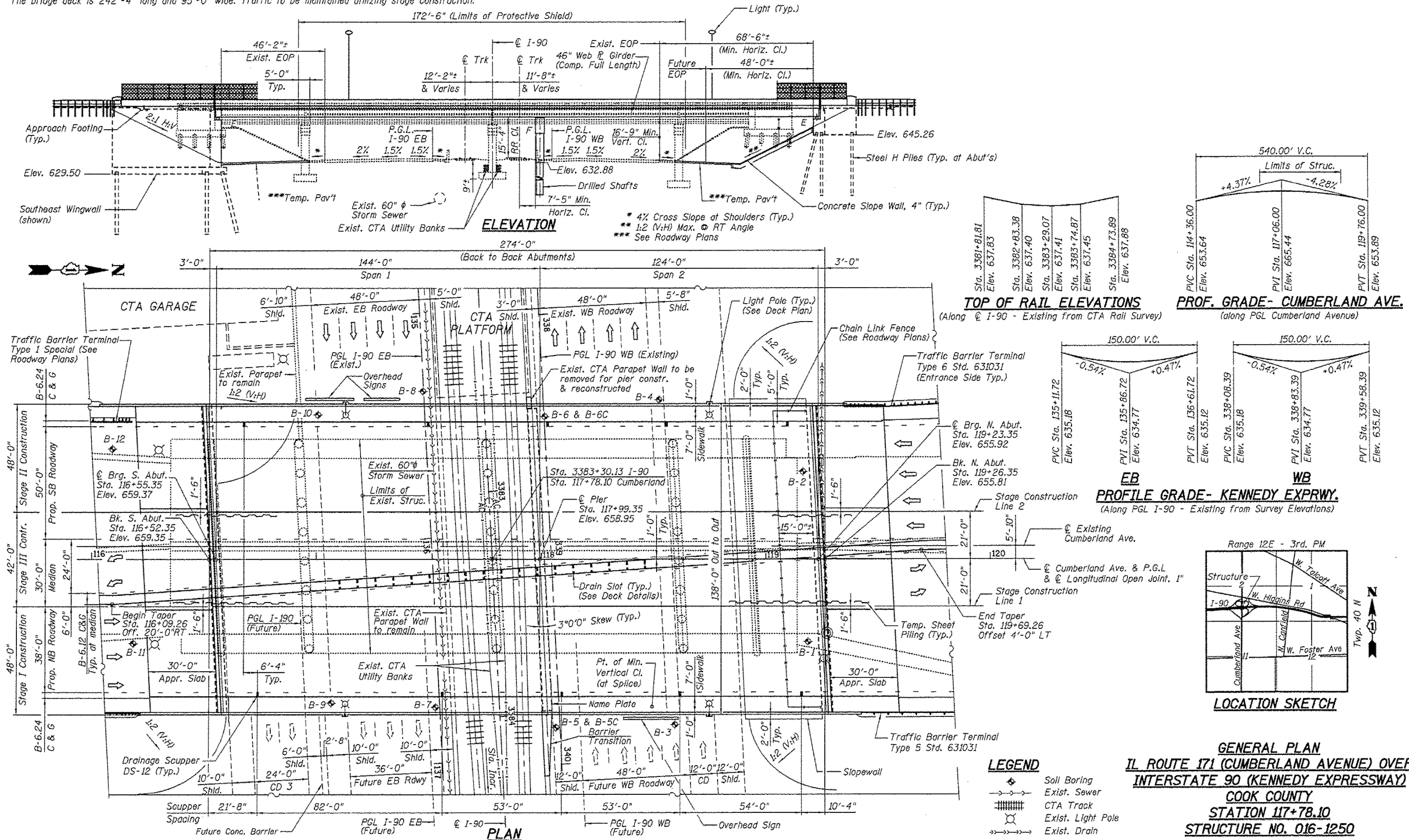
**LOCATION 5: EAST RIVER ROAD OVER I-90 (SN 016-2280)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	26
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Structure: S.N. 016-0700 built as F.A.U. 2746 under Sec. 267-1616 F-15D in 1958. The existing bridge has four simple spans which consist of a 7" reinforced concrete deck slab resting on 48" PPC I-beams. Span lengths are 31'-9", 81'-9", 81'-9", and 38'-3". The bridge deck is 242'-4" long and 95'-0" wide. Traffic to be maintained utilizing stage construction.



MODEL: 16 (Sheet) FILE NAME: c:\pwworking\oldiazad\1167770D\102925-shr-plan.dgn

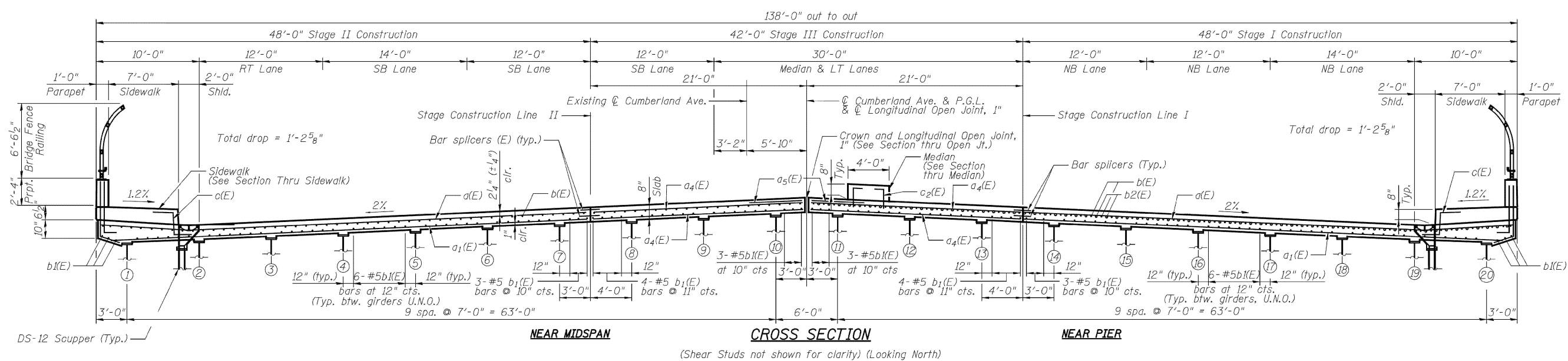
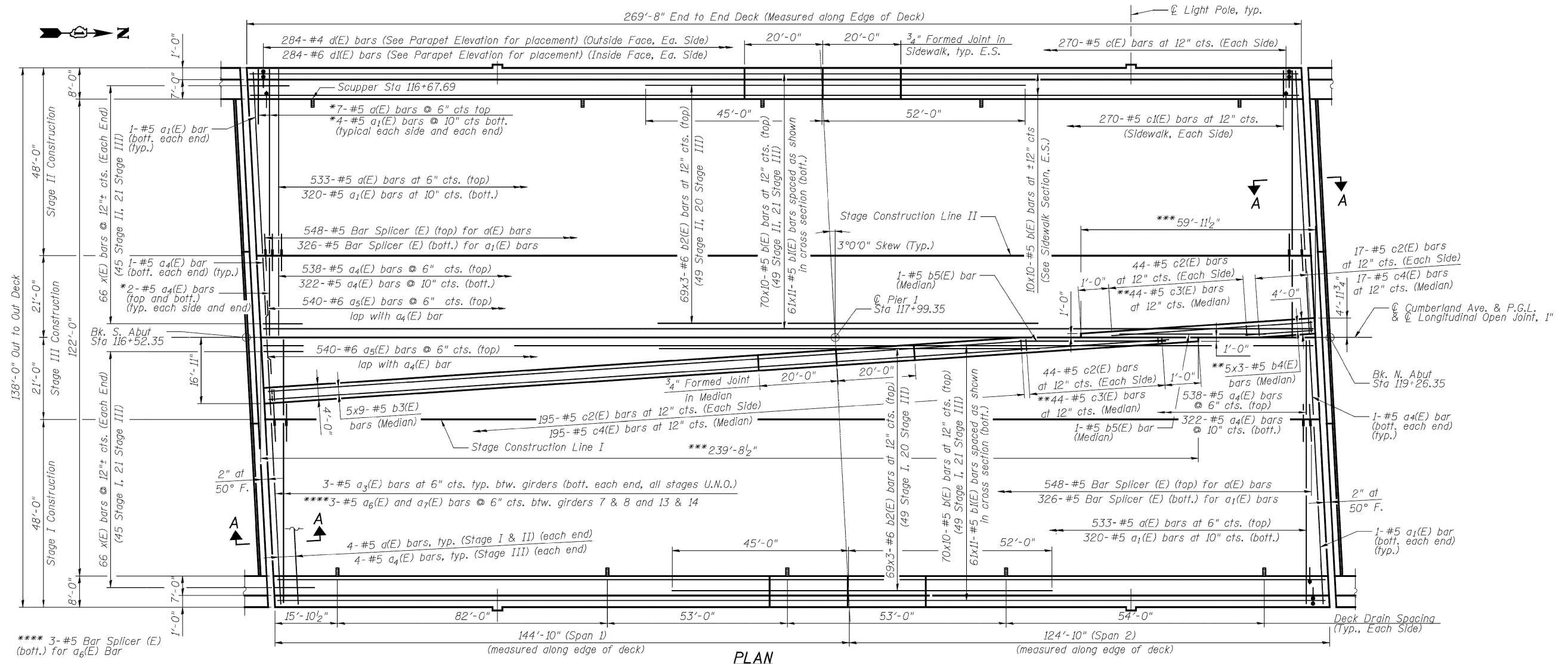
USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 6: IL 171 (CUMBERLAND AVE) OVER I-90 (SN 016-1250)
EXISTING STRUCTURE DETAILS
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	27
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

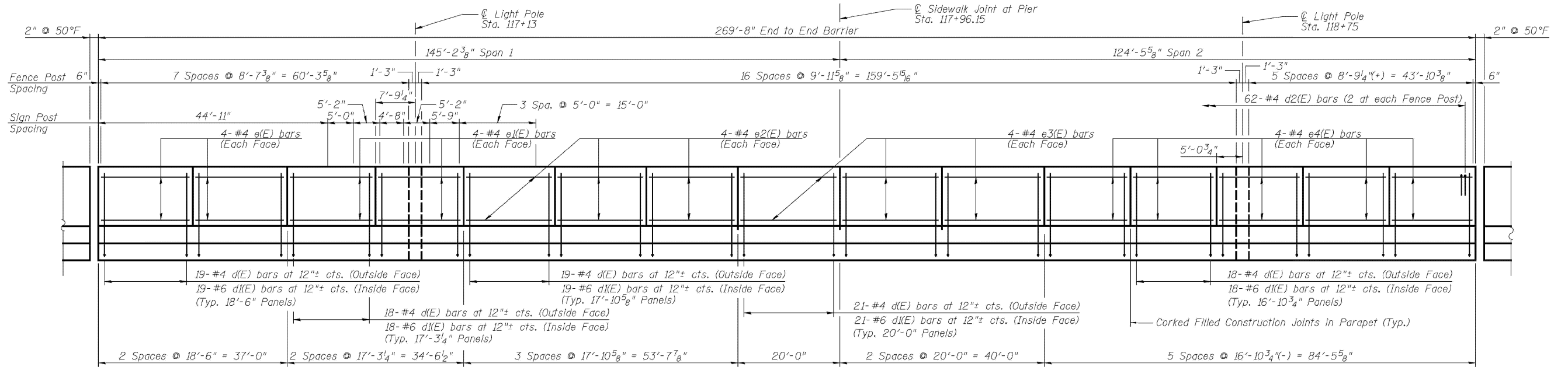
FOR INFORMATION ONLY



MODEL: 17 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 6: IL 171 (CUMBERLAND AVE) OVER I-90 (SN 016-1250) EXISTING STRUCTURE DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			VAR.	2024-1009-BDS	COOK	192	28	
	CHECKED -	REVISED -			CONTRACT NO. 62X44					
PLOT DATE = 12/4/2025	DATE -	REVISED -			ILLINOIS	FED. AID PROJECT				

FOR INFORMATION ONLY

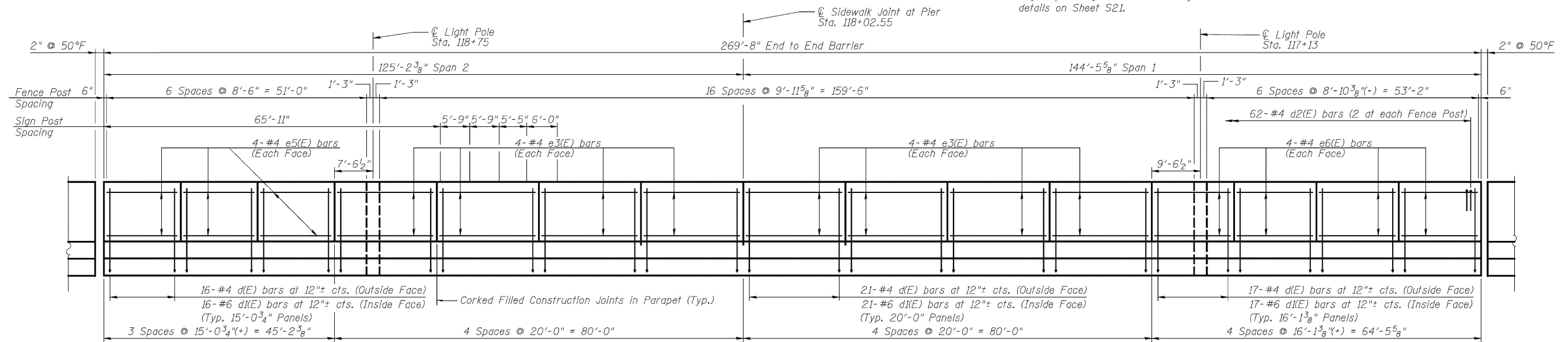


Note:
Dimensions shown are along inside face of parapet.

PARAPET ELEVATION

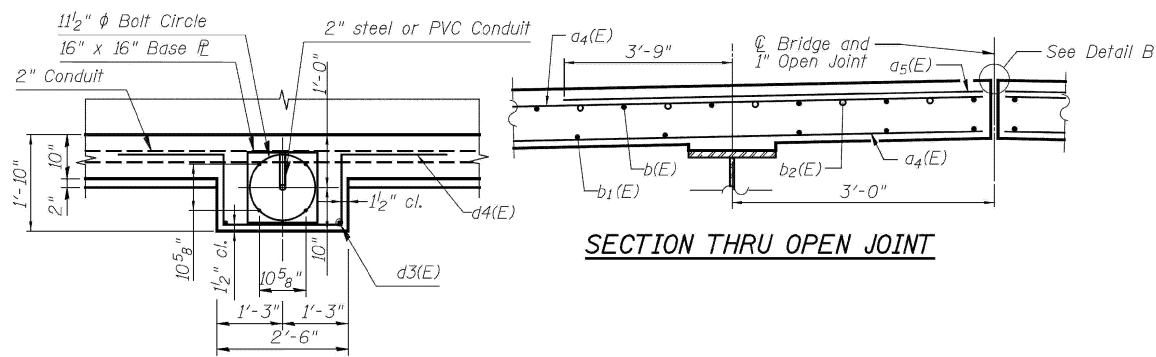
West Parapet Inside Face Shown

Note: Dimensions are base on a Rolled Rail Joint. If the contractor elects to use the Welded Rail Joint, the dimensions may require adjustments to satisfy the details on Sheet S21.



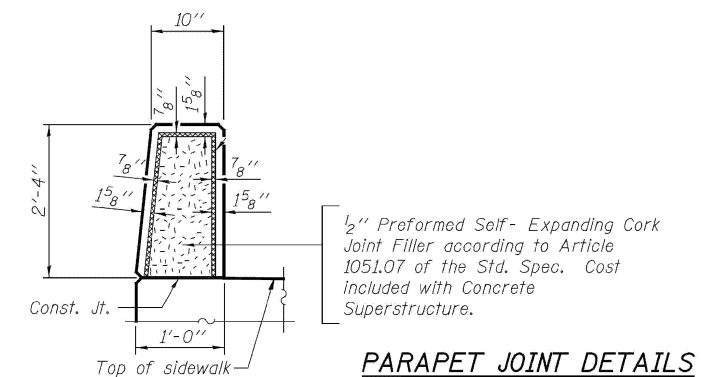
PARAPET ELEVATION

East Parapet Inside Face Shown



SECTION THRU OPEN JOINT

LIGHT POLE MOUNTINGS PLAN



PARAPET JOINT DETAILS

DECK DETAILS I STRUCTURE NO. 016-1250

MODEL: 18 (Sheet)
FILE NAME: c:\pwworking\fordiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

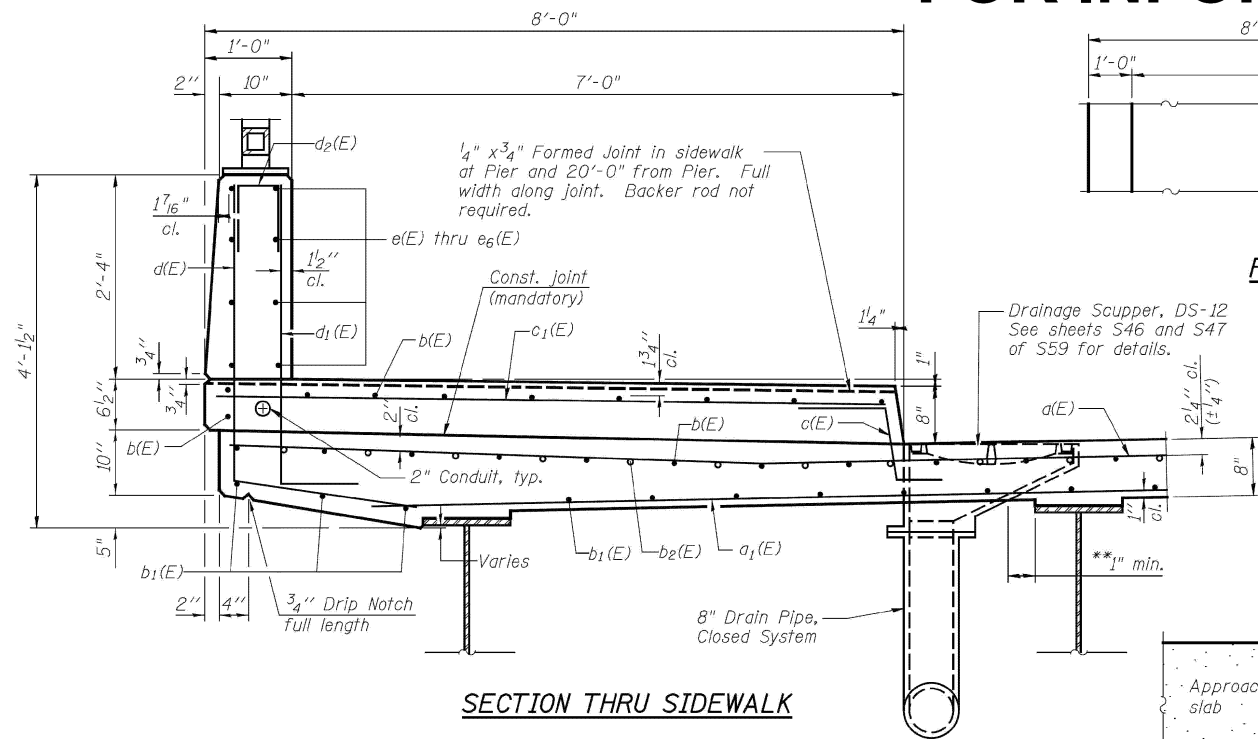
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 6: IL 171 (CUMBERLAND AVE) OVER I-90 (SN 016-1250)
EXISTING STRUCTURE DETAILS

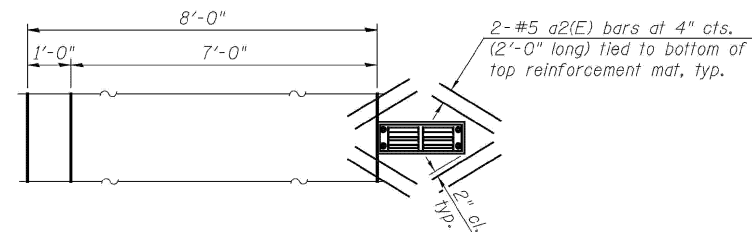
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	29
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

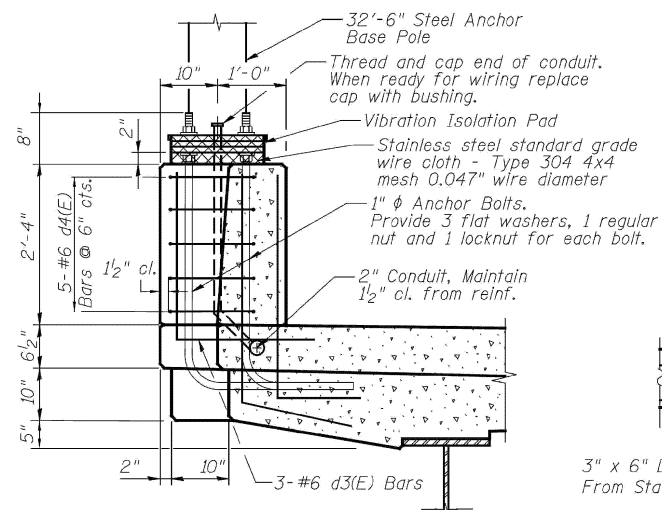


SECTION THRU SIDEWALK

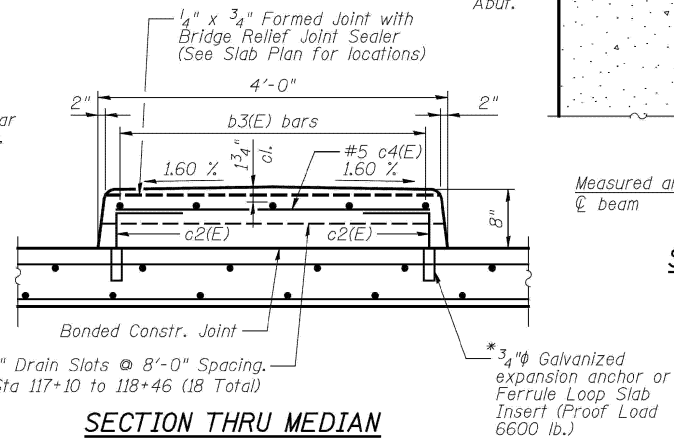


PLAN AT SCUPPER LOCATIONS

Note:
Cut longitudinal reinforcement to clear drainage scuppers.

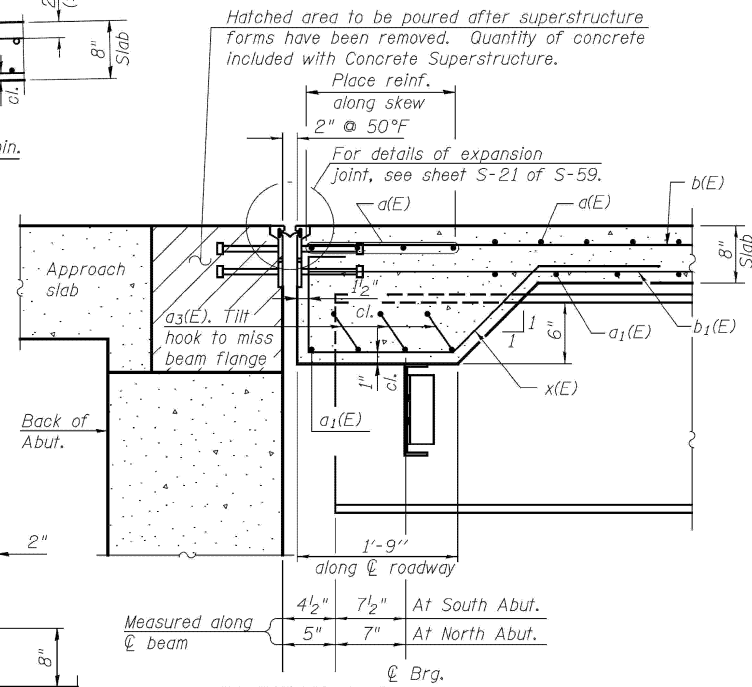


LIGHT POLE MOUNTING SECTION

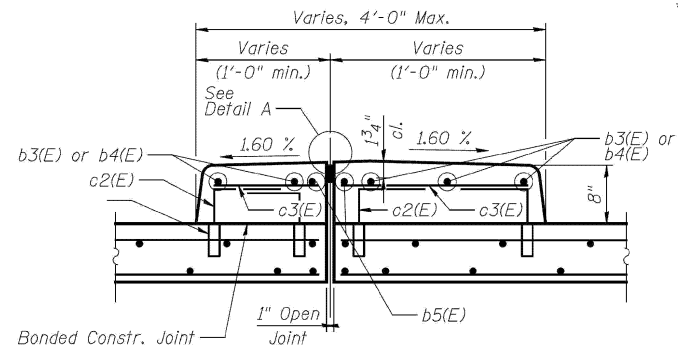


SECTION THRU MEDIAN

Away from center of bridge
* The cost of expansion anchors/inserts is included in the cost of Reinforcement Bars, Epoxy Coated.



SECTION A-A



SECTION THRU MEDIAN

At center of bridge

**DECK DETAILS II
STRUCTURE NO. 016-1250**

MODEL: 19 (Sheet)
FILE NAME: c:\pwworking\oldiazad\116770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 6: IL 171 (CUMBERLAND AVE) OVER I-90 (SN 016-1250)
EXISTING STRUCTURE DETAILS**

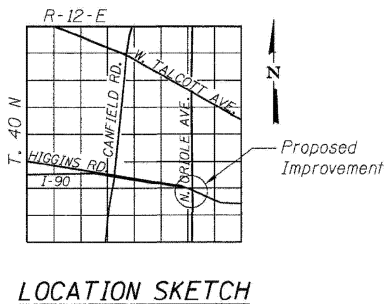
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	30
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Bridge Description:

Structure No. 016-1101 was built in 1958 as the N. Oriole Avenue Grade Separation. The Superstructure consists of a four span simple, Precast, Prestensioned Concrete Beam system, with a 7" thick reinforced concrete deck and a 2" concrete wearing surface. The span lengths from north to south are 39'-3"₈", 81'-6", 81'-6" and 36'-0"₈". Total length, back to back of abutments is 238'-4"₄". The beam spacing is 6'-6" except for the two center stringers which have spacing of 4'-0". The substructure consists of two reinforced concrete pile bent abutments with wing walls and three reinforced concrete piers. Both abutments and all three piers are founded on reinforced concrete pile caps and metal shell cast-in-place concrete piles. The deck out-to-out dimension is 61'-0" and varies at ends. The deck cross section consists of two 11'-0" traffic lanes in each direction and a 8'-6" sidewalk on each side. There are aluminum railings on either side of the deck. The abutment bearings and the bearing at pier 2 are fixed. Piers 1 and 3 provide expansion for all spans through sliding plate bearings. Bridge will be closed to traffic during construction. All adjacent streets and highways to remain open.



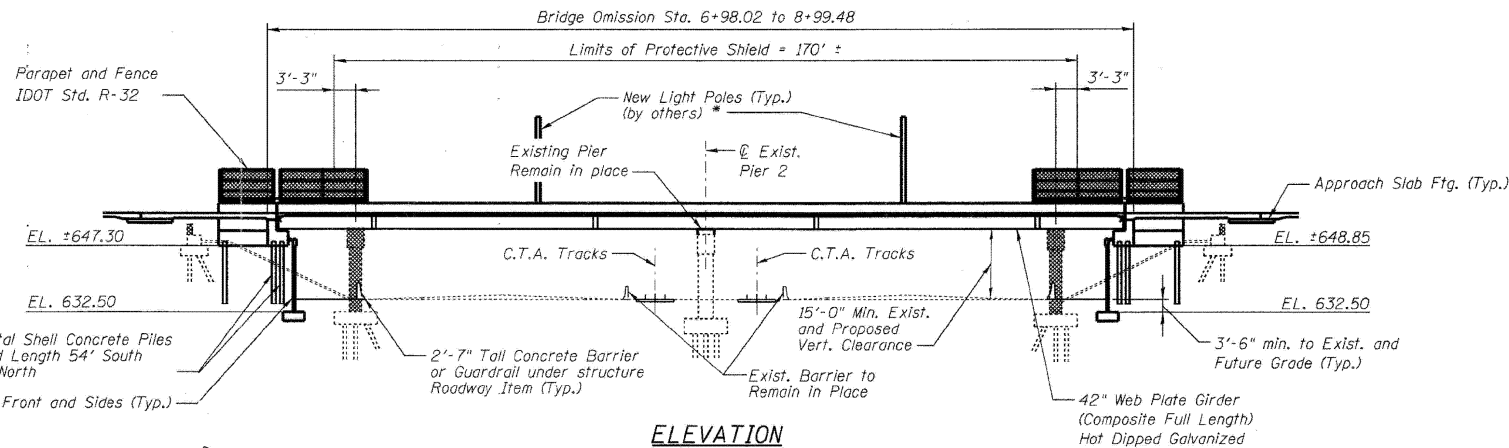
LOCATION SKETCH

STATION 8+00.00
REBUILT 201 BY
STATE OF ILLINOIS
SECTION 1515.1-B
LOADING HL-93
STR. NO. 016-1101

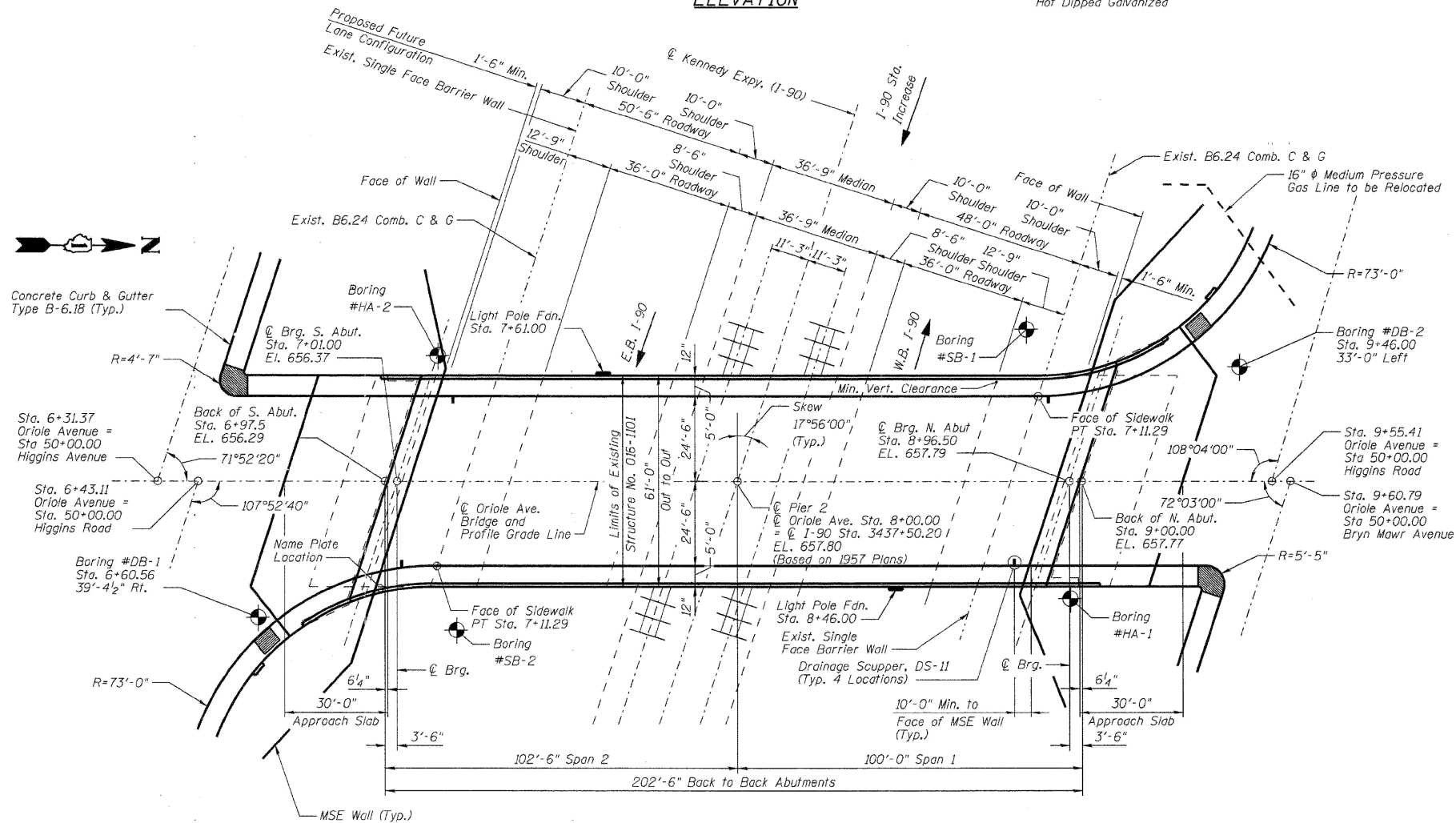
NAME PLATE

Std. 515001

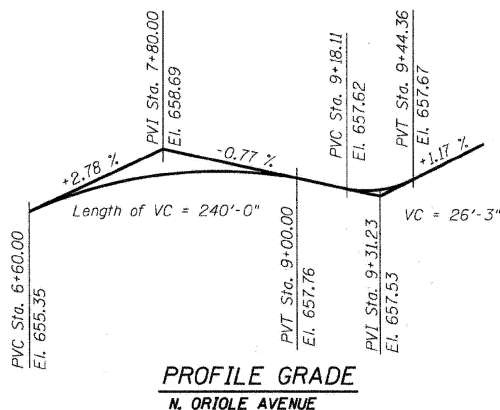
The existing name plate if available is to be cleaned and attached adjacent to the new name plate. Cost is included with Pay Item "Name Plates".



ELEVATION



PLAN



PROFILE GRADE
N. ORIOLE AVENUE

GENERAL PLAN & ELEVATION
ORIOLE AVE. OVER
KENNEDY EXPY. FAI-90
SEC. 1515.1-B
COOK COUNTY
STATION 8+00.00
STRUCTURE NO. 016-1101

MODEL: 20 (Sheet)
FILE NAME: c:\pwworking\oldiazad\11677701D\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

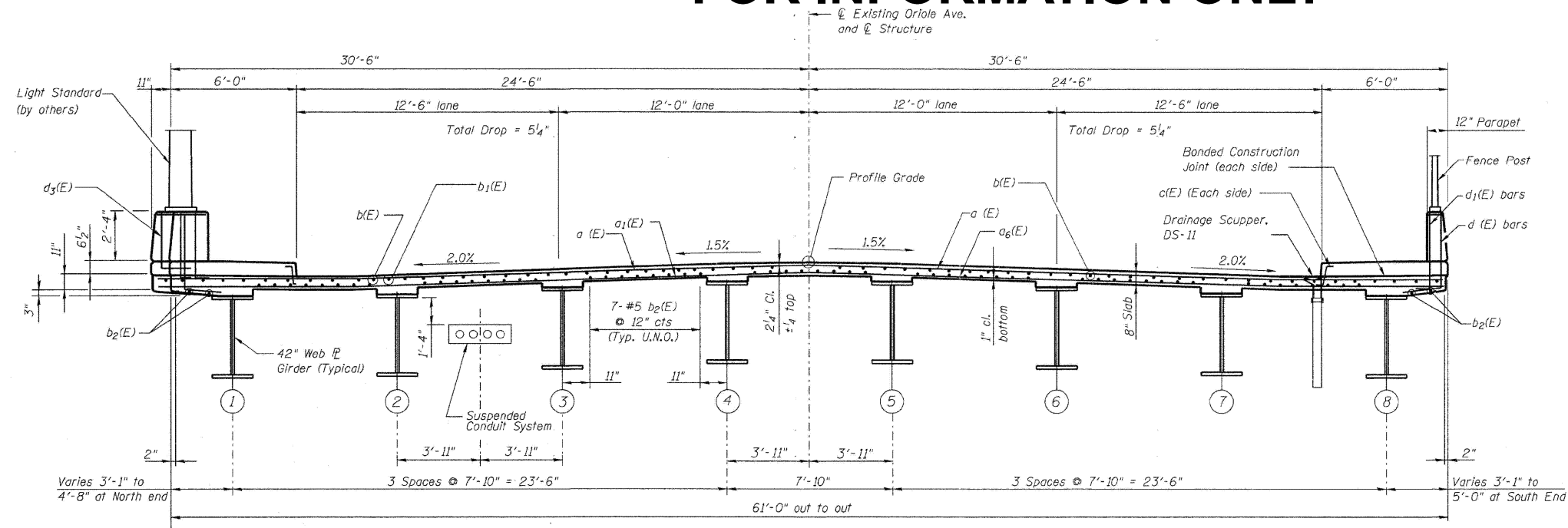
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 7: IL 72 (ORIOLE AVE) OVER I-90 (SN 016-1101)
EXISTING STRUCTURE DETAILS

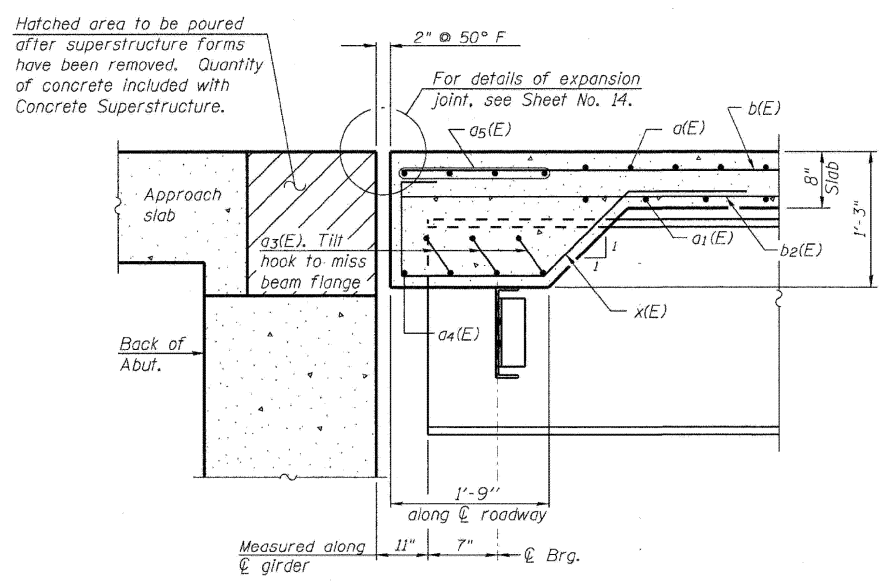
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	31
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

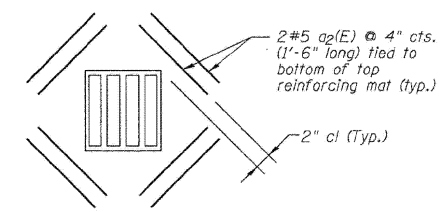
FOR INFORMATION ONLY



CROSS SECTION (SHOWING DECK REINF. ONLY)
Looking North



SECTION A-A



TYPICAL SCUPPER DETAIL
Note: Cut longitudinal reinforcement to clear drainage scuppers.

**DECK CROSS SECTIONS
STRUCTURE NO. 016-1101**

MODEL: 21 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

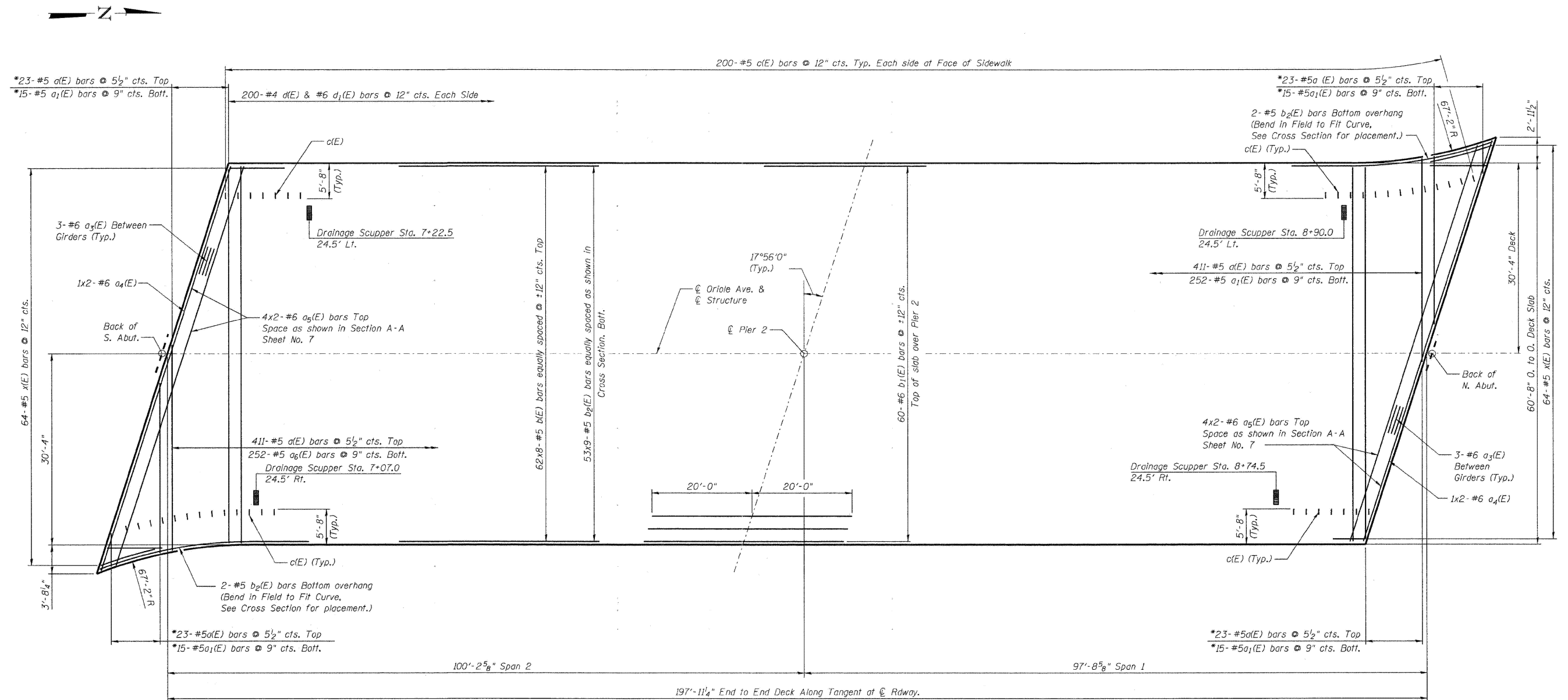
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 7: IL 72 (ORIOLE AVE) OVER I-90 (SN 016-1101)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	32
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DECK PLAN

* Order bars full length.
Cut to fit skew and use remainder
of bars in opposite end

DECK PLAN STRUCTURE NO. 016-1101

MODEL: 22 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

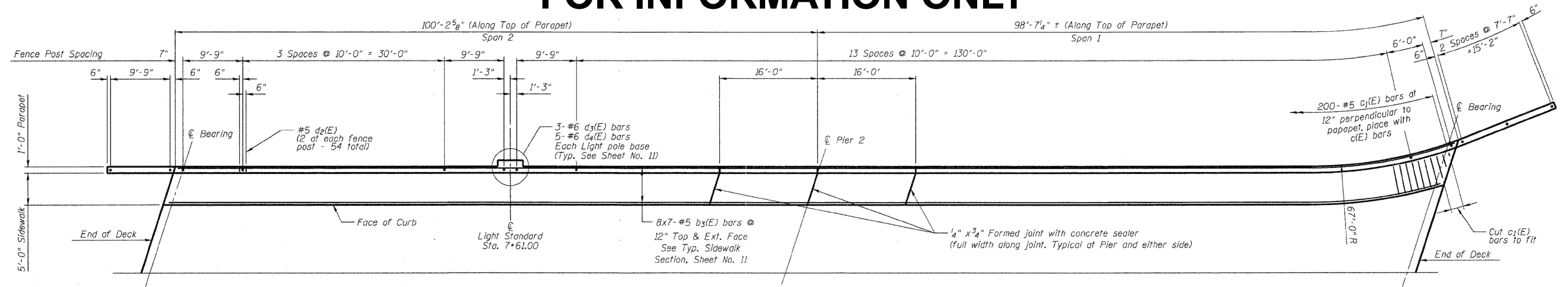
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 7: IL 72 (ORIOLE AVE) OVER I-90 (SN 016-1101)
EXISTING STRUCTURE DETAILS

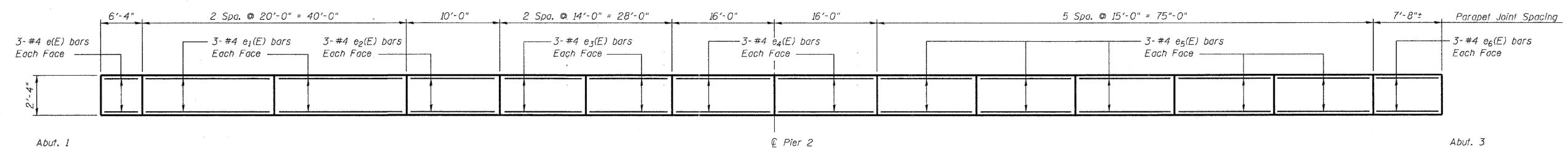
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	33
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

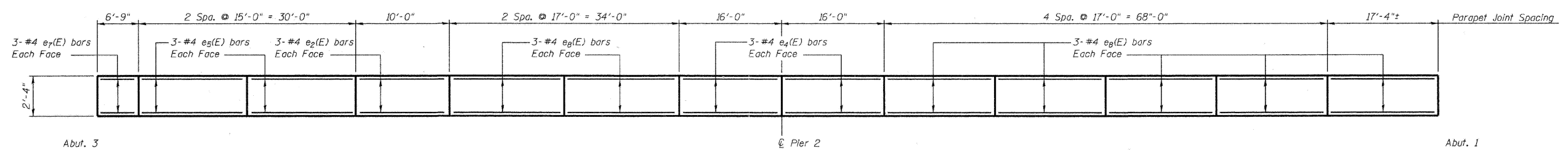
FOR INFORMATION ONLY



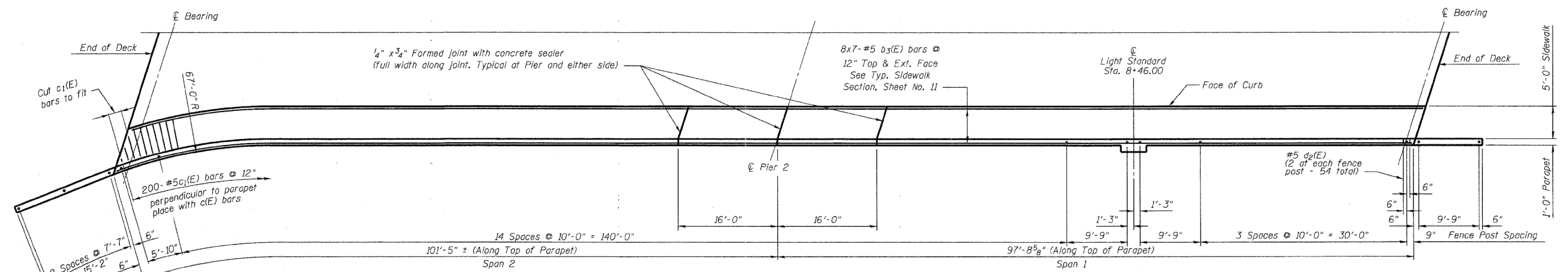
WEST SIDEWALK AND PARAPET PLAN
(See Sheet No. 13 for Bridge Fence Railing)



INSIDE ELEVATION OF WEST PARAPET



INSIDE ELEVATION OF EAST PARAPET



EAST SIDEWALK AND PARAPET PLAN
(See Sheet No. 13 for Bridge Fence Railing)

**PLAN OF SIDEWALK AND PARAPET
STRUCTURE NO. 016-1101**

MODEL: 23 (Sheet)
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

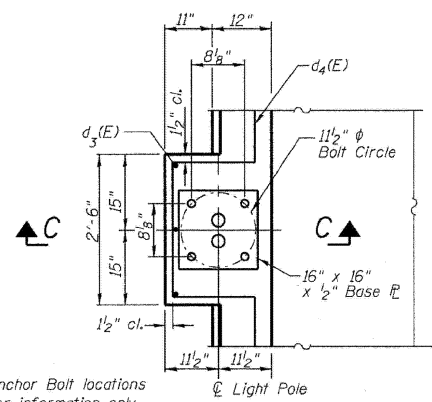
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 7: IL 72 (ORIOLE AVE) OVER I-90 (SN 016-1101)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

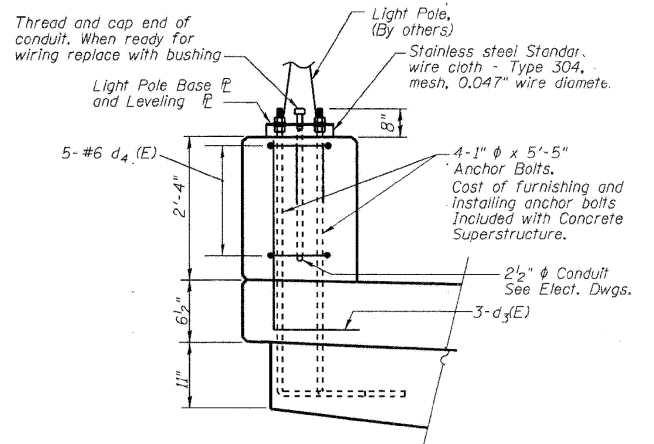
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	34
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

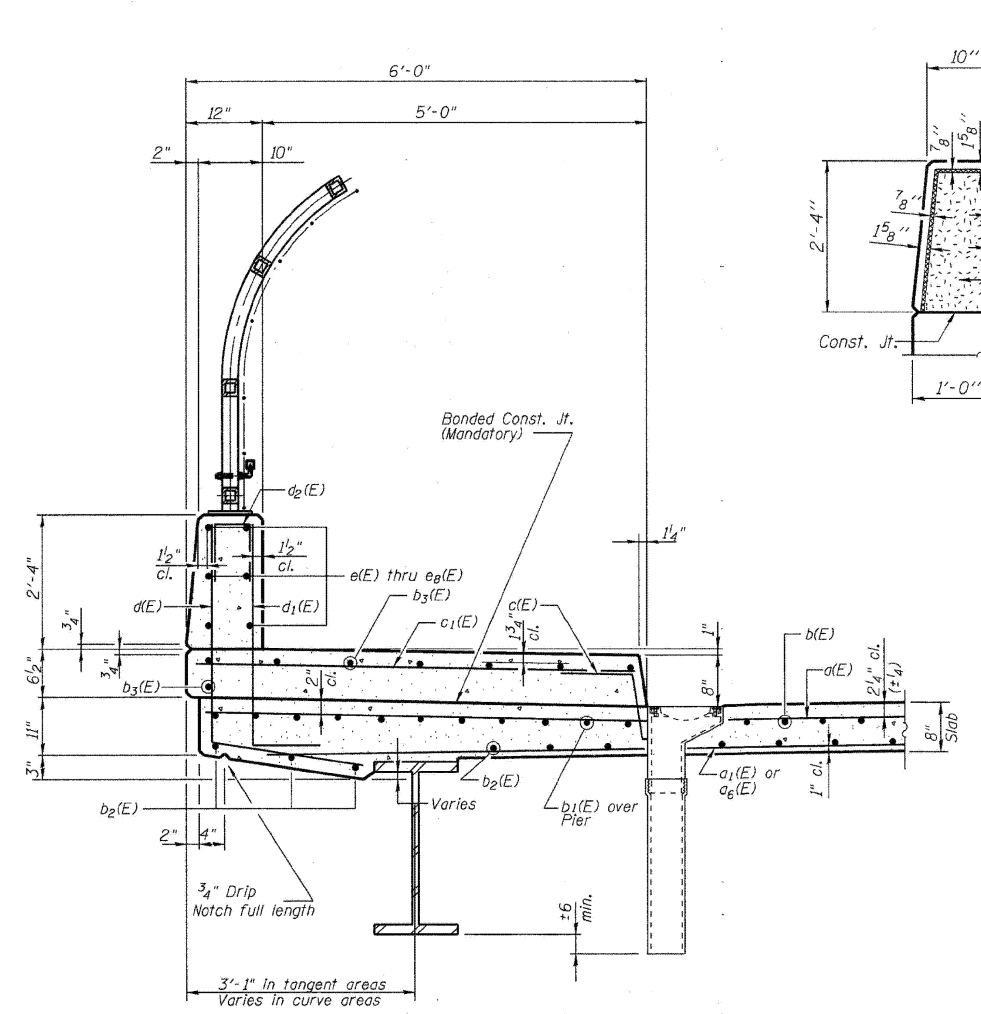


NOTE:
Light Pole Anchor Bolt locations shown are for information only. Verify location with light pole base plate

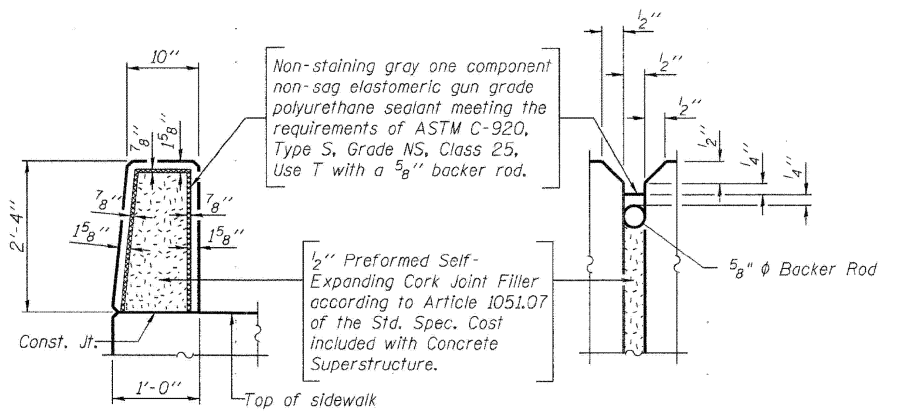
PLAN LIGHT POLE SUPPORT



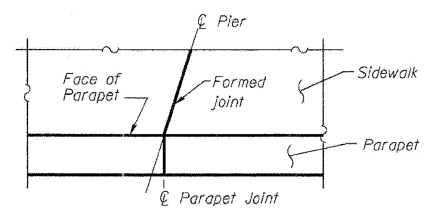
SECTION C-C



TYPICAL SIDEWALK SECTION



PARAPET JOINT DETAILS



TYP. DETAIL AT PIER

MODEL: 24 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

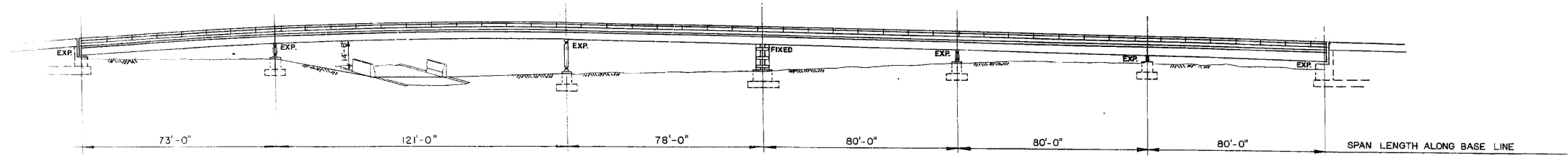
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 7: IL 72 (ORIOLE AVE) OVER I-90 (SN 016-1101)
EXISTING STRUCTURE DETAILS

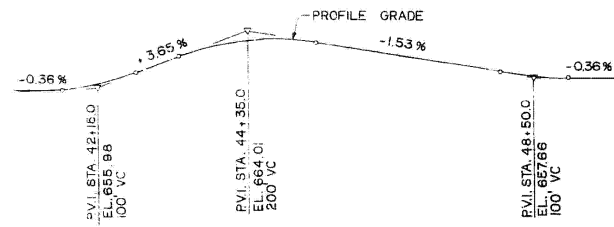
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	35
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

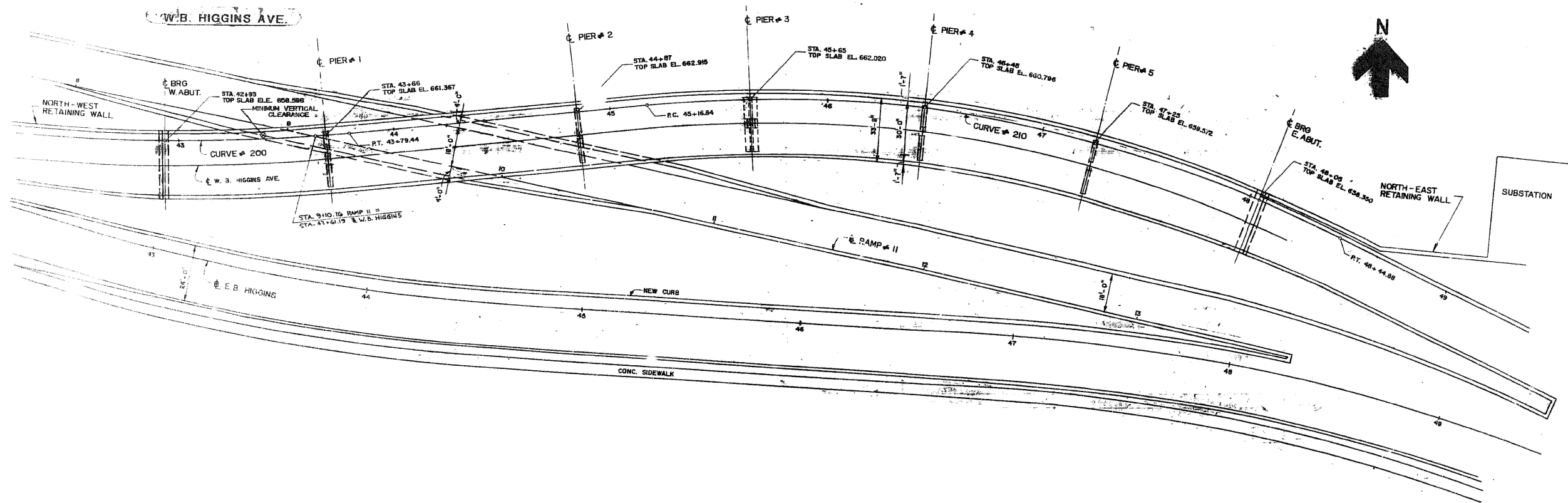
FOR INFORMATION ONLY



ELEVATION



CURVE # 200	CURVE # 210
STA. P.C. 40+75.28	STA. P.C. 45+16.84
STA. P.I. 42+29.27	STA. P.I. 46+85.03
STA. P.T. 43+79.44	STA. P.T. 48+44.88
RADIUS 790.23'	RADIUS 803.11'
S.E. 0.028/FT	S.E. 0.028/FT



PARLUM STATION COMPLEX
GENERAL PLAN AND ELEVATION
FRAMES/BOUND HIGGINS BRIDGE
Date: AUG. 1980

MODEL: 25 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

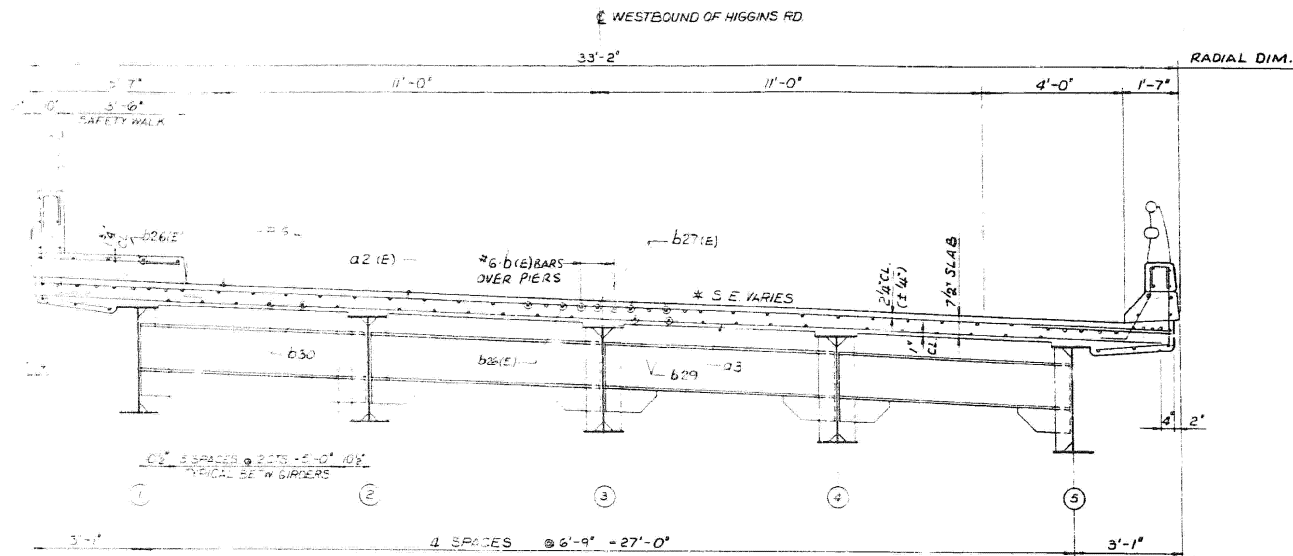
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 8: IL 72 (HIGGINS RD) OVER I-90 EB RAMP (SN 016-2519)
EXISTING STRUCTURE DETAILS

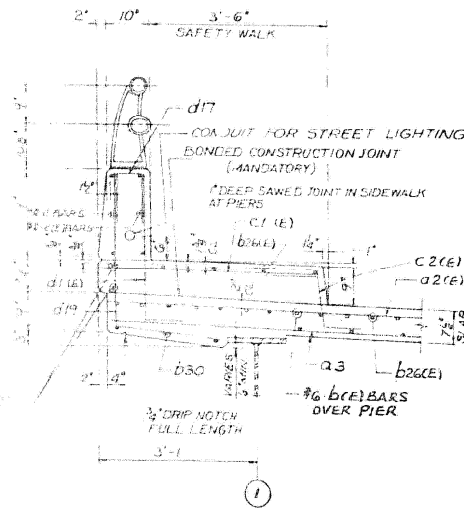
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62X44	

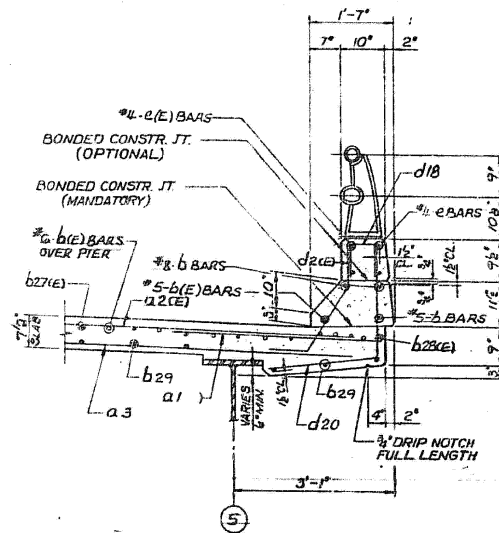
FOR INFORMATION ONLY



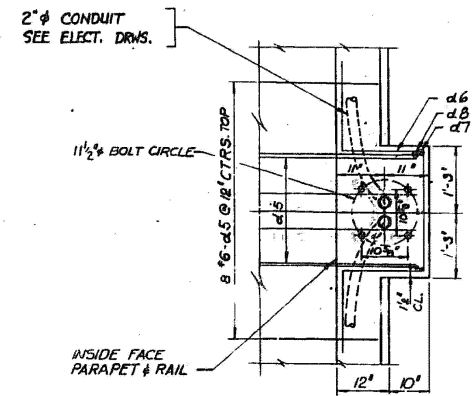
SECTION A-A
SECTION B-B SAME EXCEPT AS NOTED
 S.E. FOR SECTION B-B IS IN OPPOSITE DIRECTION
 SCALE: 2" = 1'-0"



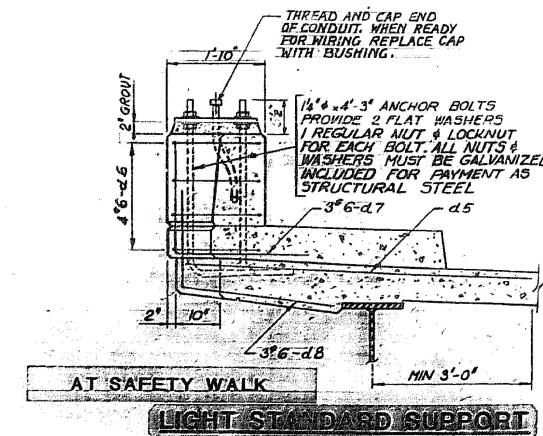
CURB DETAIL AT BM. 1



CURB DETAIL AT BM. 5



PLAN
 SCALE: 3/4" = 1'-0"



LIGHT STANDARD SUPPORT



MODEL: 26 (Sheet)
 FILE NAME: c:\pwworking\oldiazia\11677701D-102925-shr-plan.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

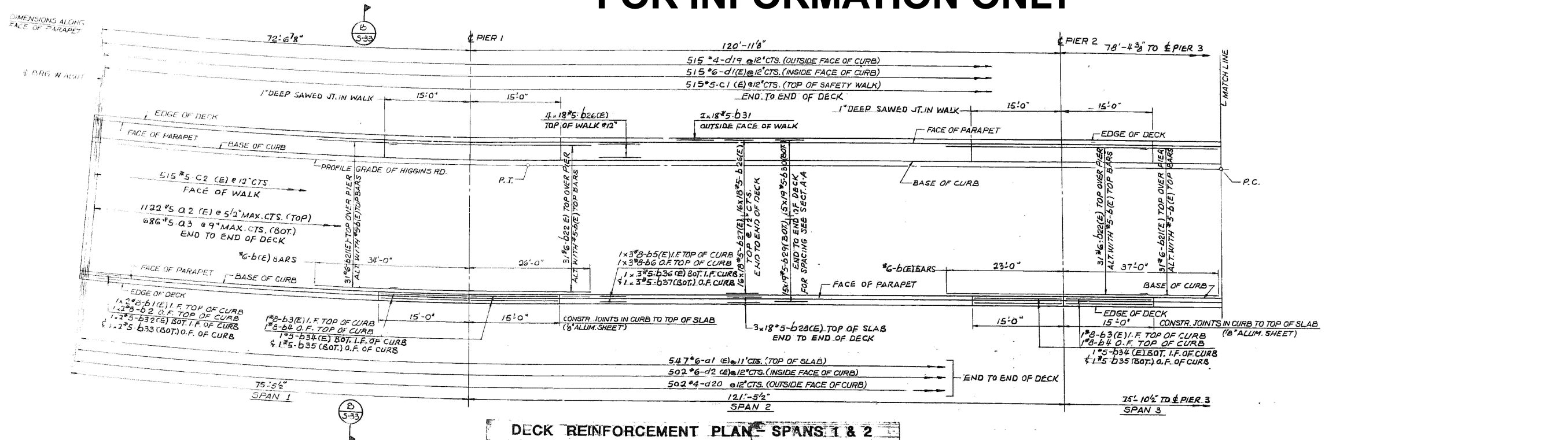
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 8: IL 72 (HIGGINS RD) OVER I-90 EB RAMP (SN 016-2519)
EXISTING STRUCTURE DETAILS

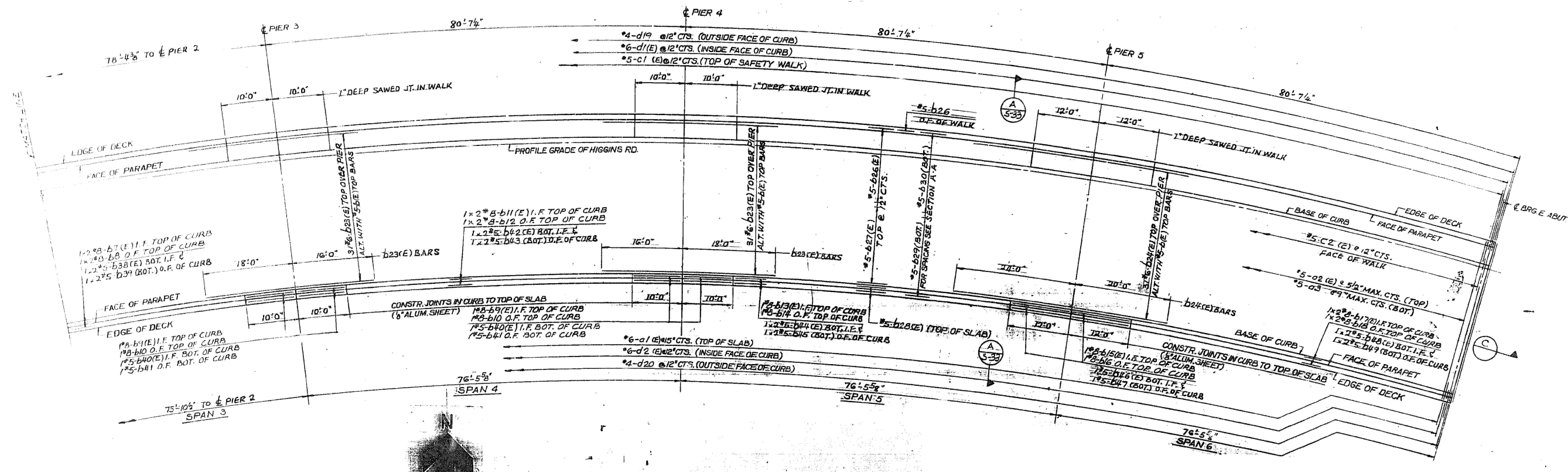
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	37
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY



DECK REINFORCEMENT PLAN - SPANS 1 & 2



DECK REINFORCEMENT PLAN - SPANS 3, 4, 5 & 6

MODEL: 27 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 8: IL 72 (HIGGINS RD) OVER I-90 EB RAMP (SN 016-2519)
EXISTING STRUCTURE DETAILS

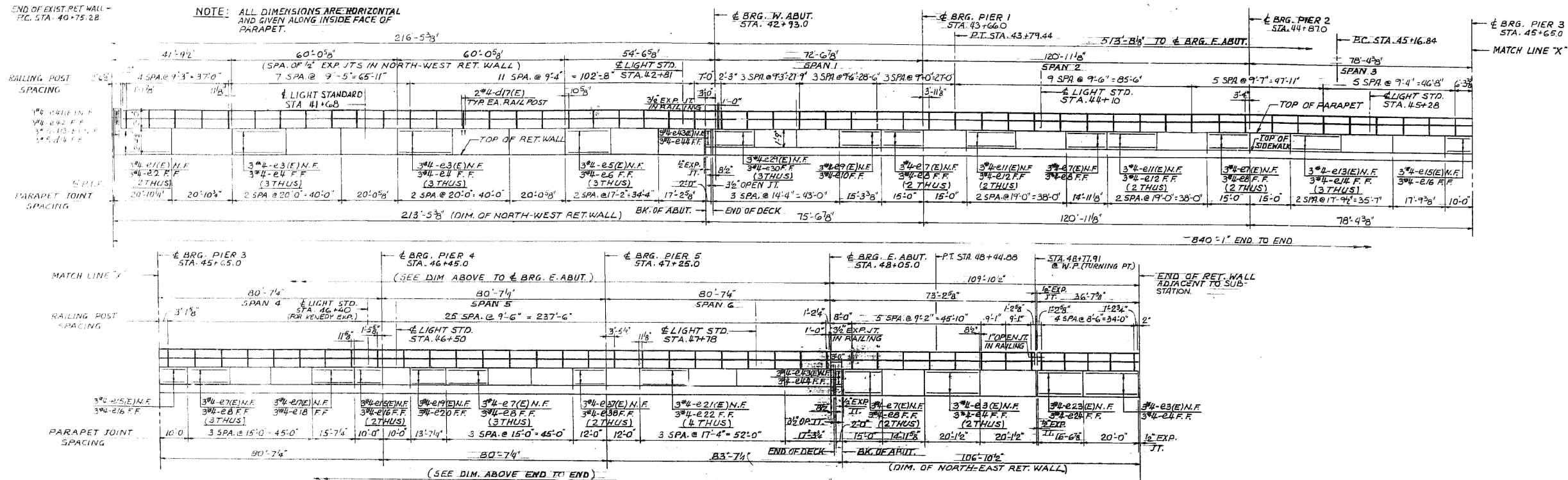
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	38
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

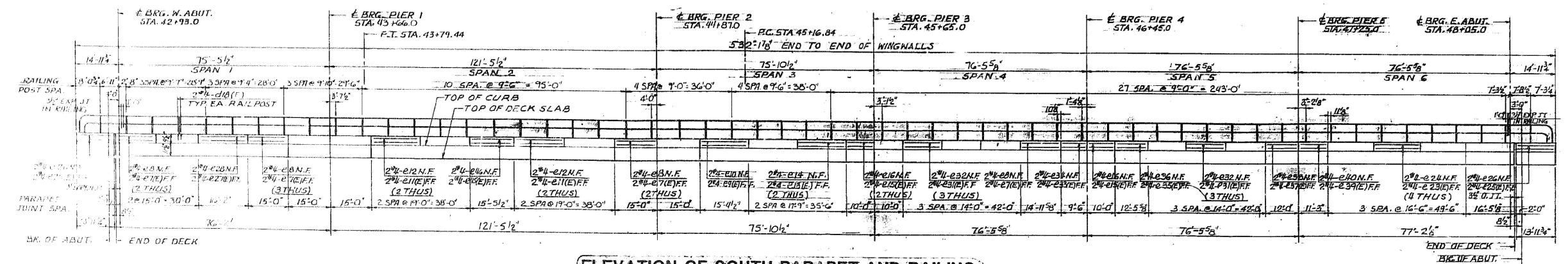
END OF EXIST. RET. WALL -
P.C. STA. 40+75.28

NOTE: ALL DIMENSIONS ARE HORIZONTAL
AND GIVEN ALONG INSIDE FACE OF
PARAPET.



ELEVATION OF NORTH PARAPET AND RAILING

(LOOKING NORTH)



ELEVATION OF SOUTH PARAPET AND RAILING

(LOOKING NORTH)

BAR DEMONSTRATION (CONCRETE)
REINFORCED CONCRETE
WEST BOUND HIGGINS RAMP
Date: AUG-1987

MODEL: 28 (Sheet)
FILE NAME: c:\pwworking\old\diaz\1167770\102925-shr-plan.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 8: IL 72 (HIGGINS RD) OVER I-90 EB RAMP (SN 016-2519)
EXISTING STRUCTURE DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	39
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

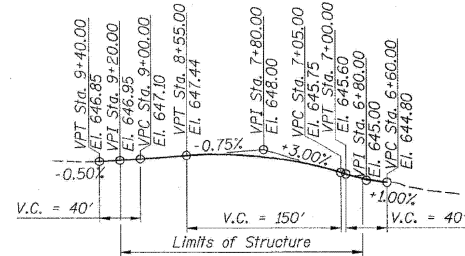
FOR INFORMATION ONLY

Existing Structure:

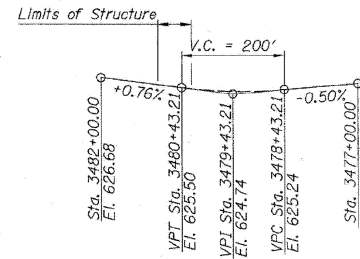
S.N. 016-1104 built as F.A. Rte. 173 Sec. 267-1414 F-15D in 1958. The existing bridge has four simple spans which consist of a reinforced concrete deck 235'-10" long by 65'-0" wide supported on 48" PPC I-beams. The existing bridge superstructure shall be removed and replaced. The existing substructure shall be retained and rehabilitated. Traffic to be maintained utilizing stage construction.

Salvage existing metal handrails.

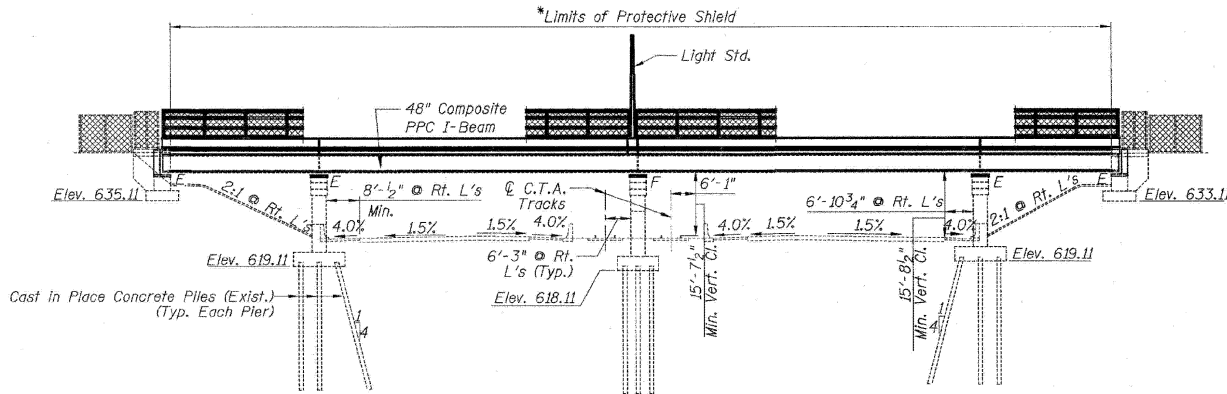
Contractor is to verify existing vertical clearances prior to construction. Cost included in Construction Layout pay item.



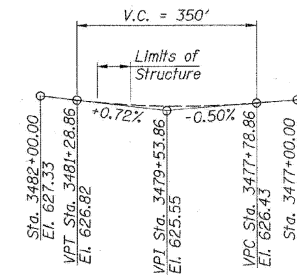
PROFILE GRADE SAYRE AVE.
(Along PGL Roadway)



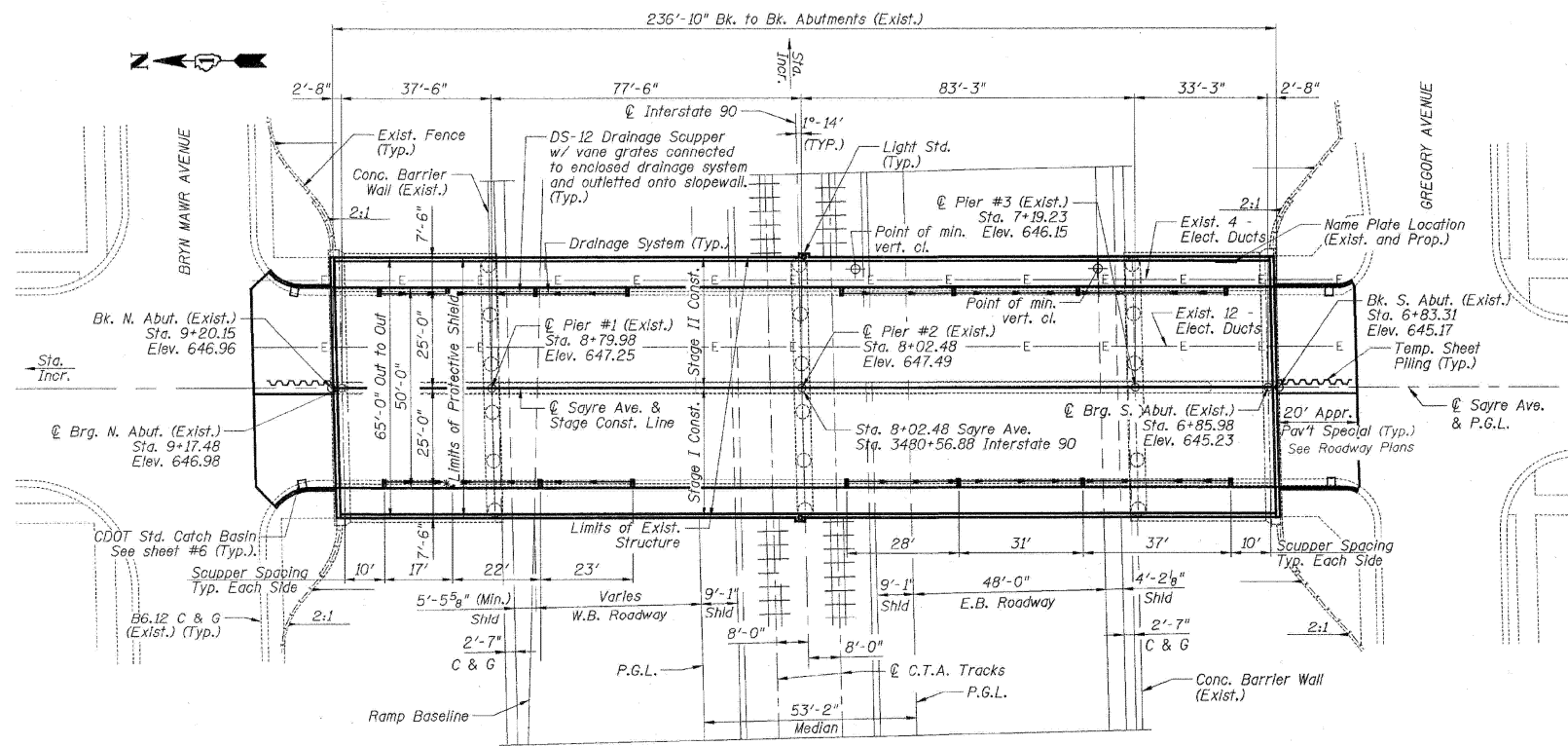
PROFILE GRADE I-90 (KENNEDY EXPRWY.)
(Along PGL Roadway - Existing)



ELEVATION



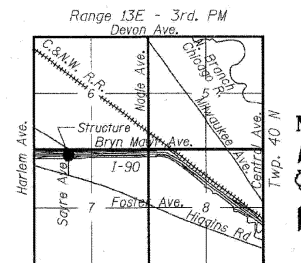
PROFILE GRADE C.T.A. TRACKS
(Top of Rail - Existing)



PLAN

STATION 8+02.48
REBUILT 200 BY
STATE OF ILLINOIS
F.A. RT. 173 SEC. 267-1414-15D
LOADING HS20
STR. NO. 016-1104

NAME PLATE
See Standard 515001
(Existing name plate shall be cleaned and relocated next to new name plate, cost included with name plates.)



LOCATION SKETCH

GENERAL PLAN & ELEVATION
FA ROUTE 173 (SAYRE AVENUE) OVER
INTERSTATE 90 (KENNEDY EXPRESSWAY)
COOK COUNTY STATION 8+02.48
SECTION 267-1414-15D
STRUCTURE NO. 016-1104

MODEL: 28 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

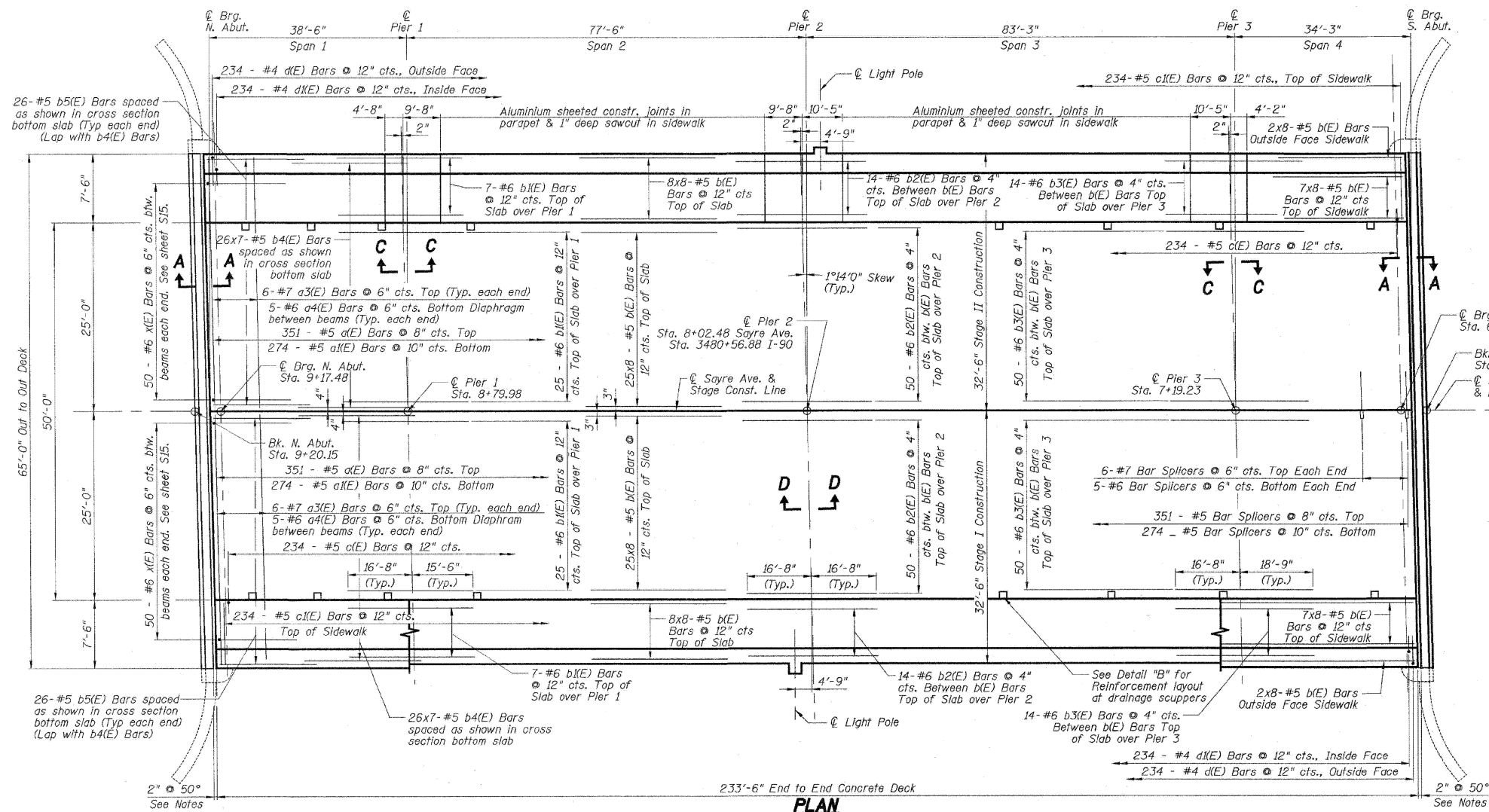
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 9: SAYRE AVE OVER I-90 (SN 016-1104)
EXISTING STRUCTURE DETAILS

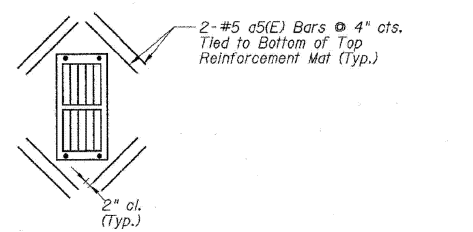
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	40
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

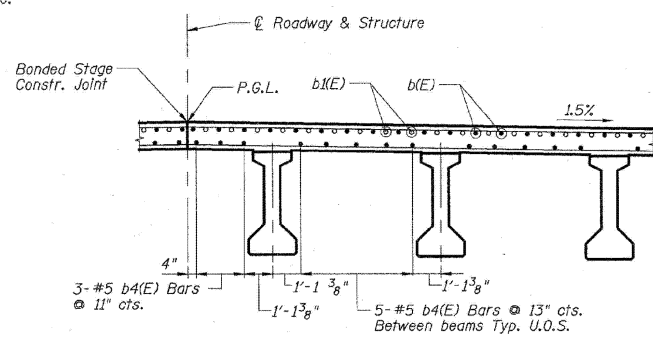


PLAN



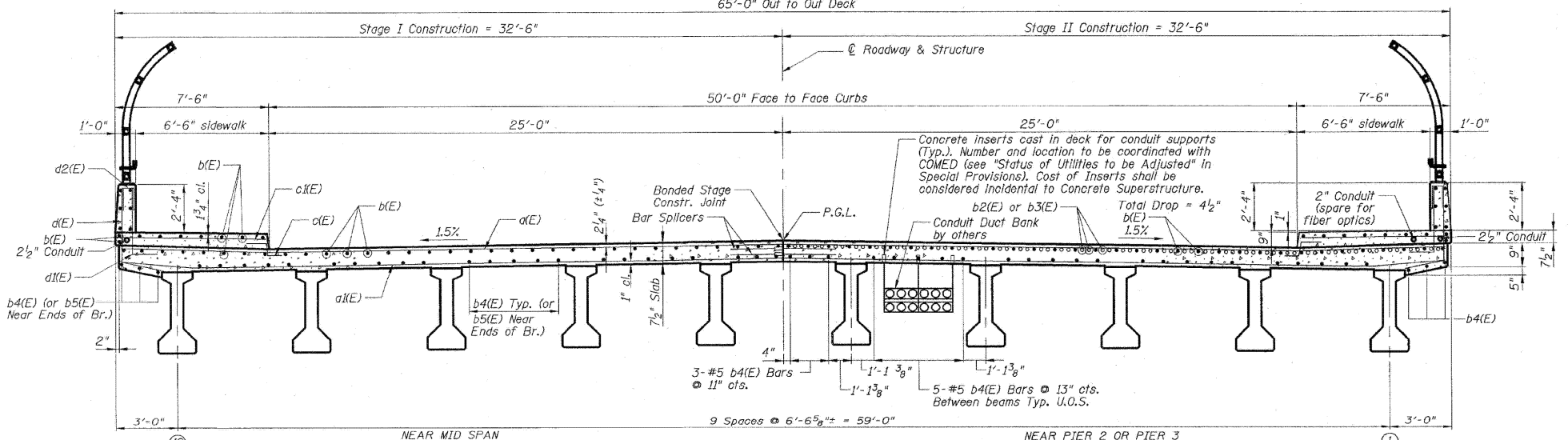
DETAIL "B"

Cut longitudinal reinforcement to clear drainage scuppers.



DETAIL "A"

(Reinforcement Near Pier 1, Looking North)



CROSS SECTION

(Looking North)

DECK PLAN
 FA ROUTE 173 (SAYRE AVENUE) OVER
 INTERSTATE 90 (KENNEDY EXPRESSWAY)
 COOK COUNTY STATION 8+02.48
 SECTION NO. 267-1414-15D
 STRUCTURE NO. 016-1104

MODEL: 30 (Sheet)
 FILE NAME: c:\pwworking\oldiazad\11677701D\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

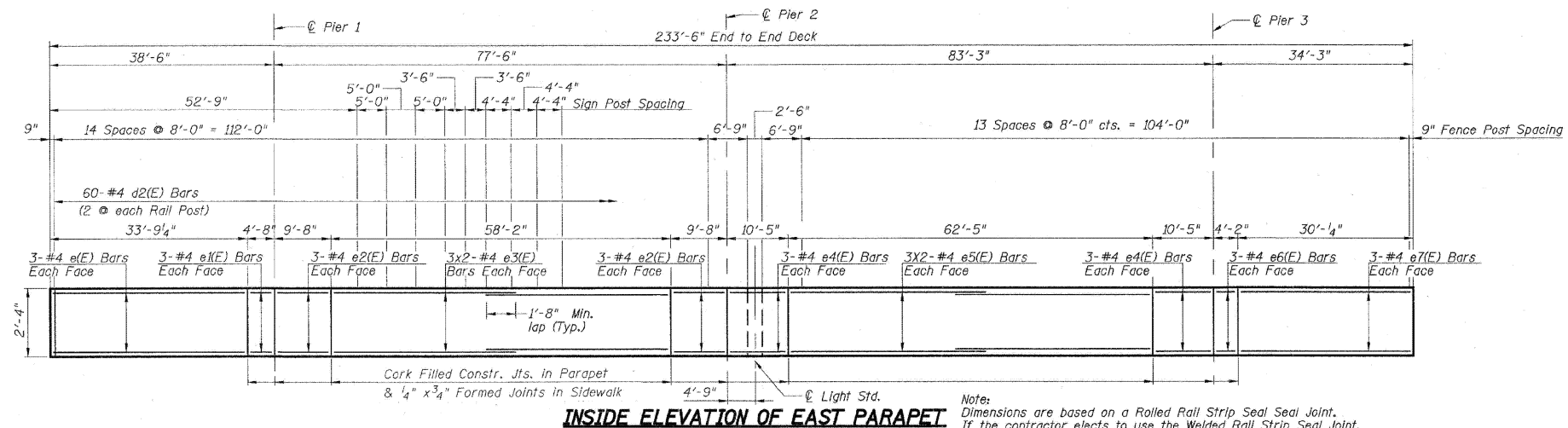
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 9: SAYRE AVE OVER I-90 (SN 016-1104)
 EXISTING STRUCTURE DETAILS

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

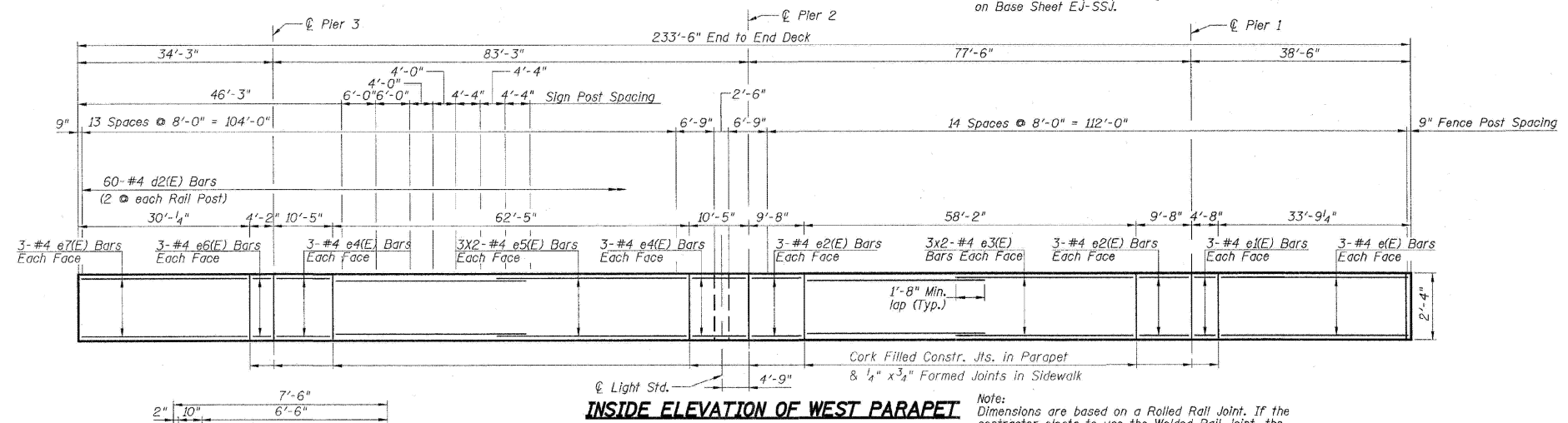
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	41
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



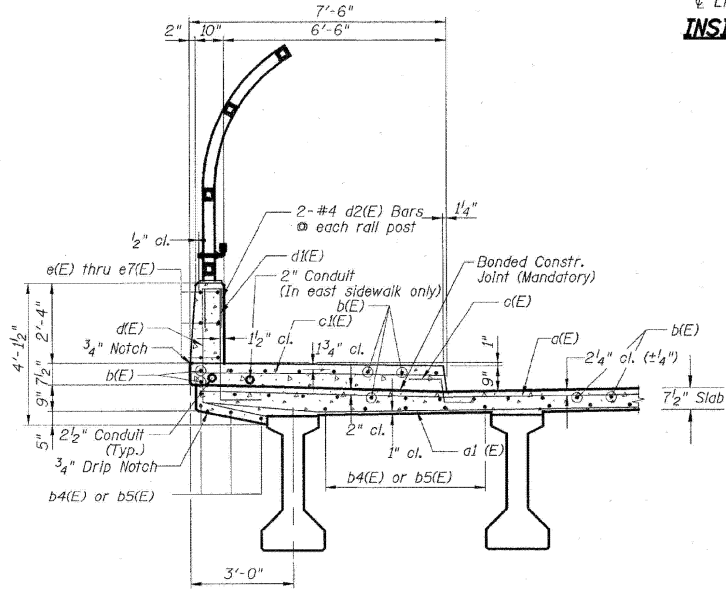
INSIDE ELEVATION OF EAST PARAPET

Note: Dimensions are based on a Rolled Rail Strip Seal Joint. If the contractor elects to use the Welded Rail Strip Seal Joint, the dimensions may require adjustments to satisfy the details on Base Sheet EJ-SSJ.

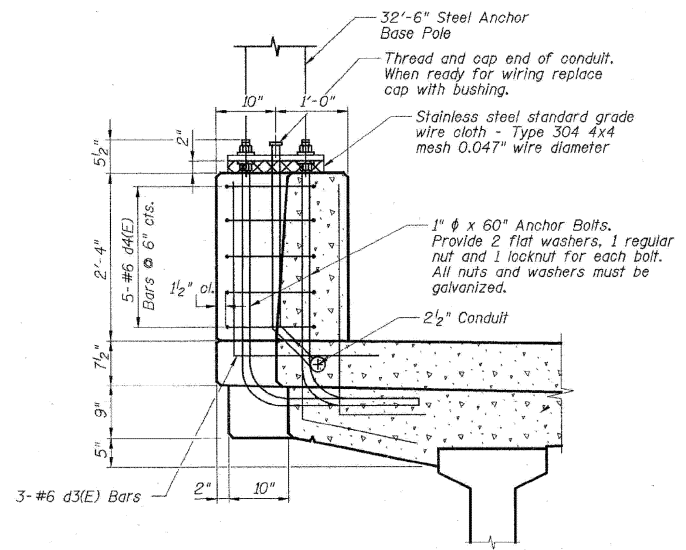


INSIDE ELEVATION OF WEST PARAPET

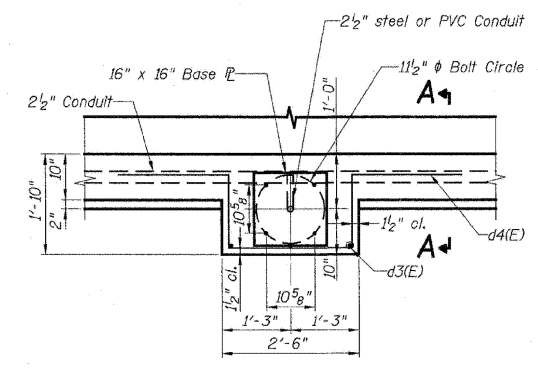
Note: Dimensions are based on a Rolled Rail Joint. If the contractor elects to use the Welded Rail Joint, the dimensions may require adjustments to satisfy the details on Sheet S10.



SECTION THROUGH WALKWAY & PARAPET

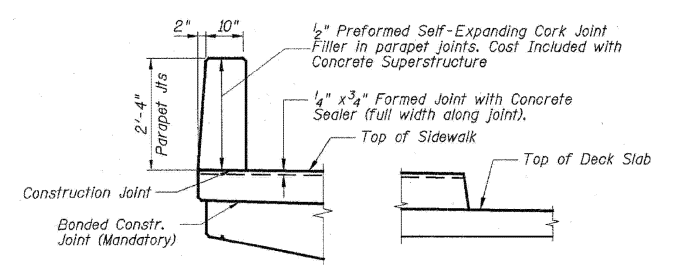


SECTION A-A



LIGHT POLE MOUNTINGS PLAN

Note: Cost of anchor bolts & conduit is included with Concrete Superstructure.



PARAPET JOINT DETAILS

SUPERSTRUCTURE DETAILS
 FA ROUTE 173 (SAYRE AVENUE) OVER
 INTERSTATE 90 (KENNEDY EXPRESSWAY)
 COOK COUNTY STATION 8+02.48
 SECTION NO. 267-1414-15D
 STRUCTURE NO. 016-1104

MODEL: 31 (Sheet) FILE NAME: c:\pwworking\oldiazad\1167770D\102925-shr-plan.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

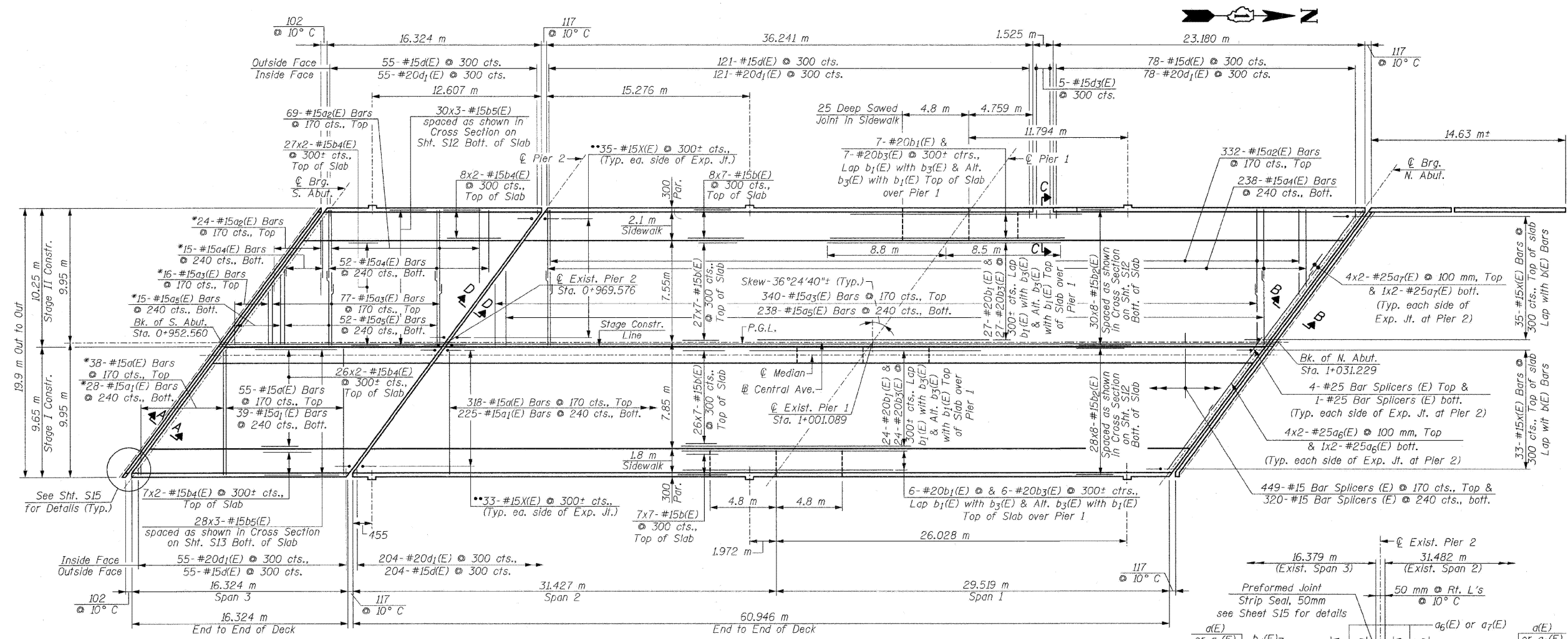
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 9: SAYRE AVE OVER I-90 (SN 016-1104)
EXISTING STRUCTURE DETAILS

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	42
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

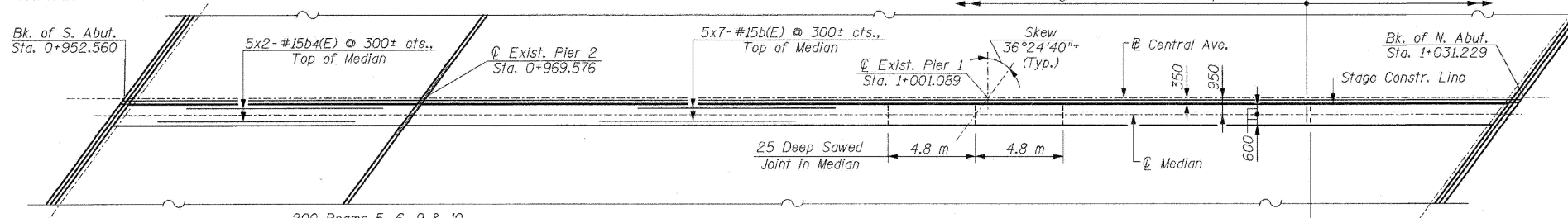
FOR INFORMATION ONLY



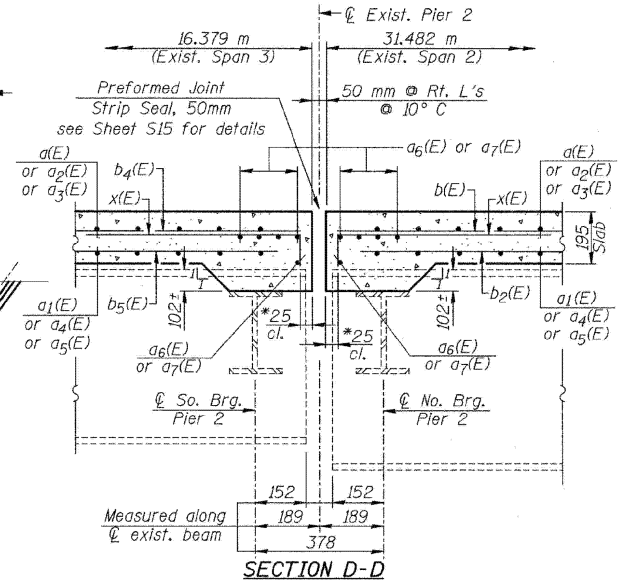
* Order a(E) thru a5(E) Bars full length for Span 3 & Span 2. Cut to fit skew and use remainder of Bars in opposite end of Span 3 & Span 1

** Lap with b4(E) Bars at Span 1
Lap with b(E) Bars at Span 2
(See Section D-D, this Sheet)

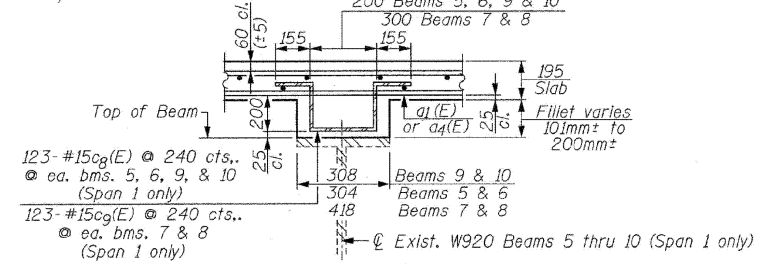
Min. Bar Lap:
#15 Bars = 510 (Unless Otherwise Shown)
#20 Bars = 790



MEDIAN PLAN
(Showing Reinforcement)



SECTION D-D



FILLET REINFORCEMENT DETAIL
AT BEAMS 5 THRU 10-FOR SPAN 1 ONLY

DECK PLAN
CENTRAL AVENUE (F.A.U. RTE. 2798)
OVER
INTERSTATE 90 (KENNEDY EXPWY.) & C.T.A.
F.A.I. RTE. 90 SECTION: 1213B-1
COOK COUNTY STATION 1+000.000
STRUCTURE NO. 016-0659

MODEL: 34 (Sheet) FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

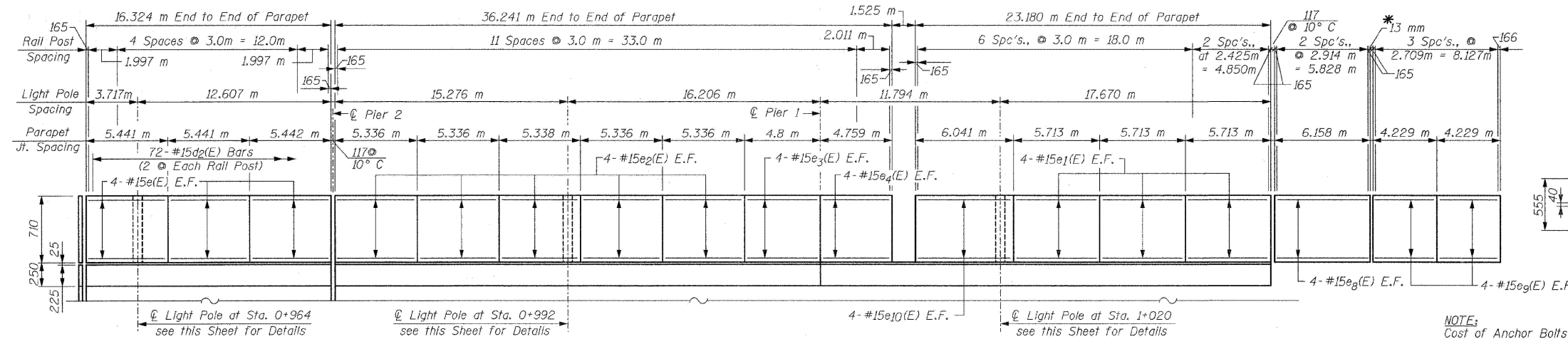
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 10: CENTRAL AVE OVER I-90 (SN 016-0659)
EXISTING STRUCTURE DETAILS

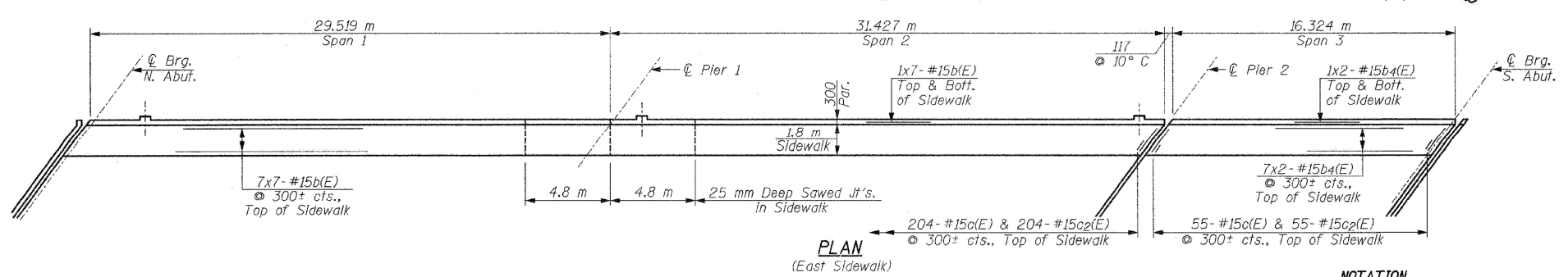
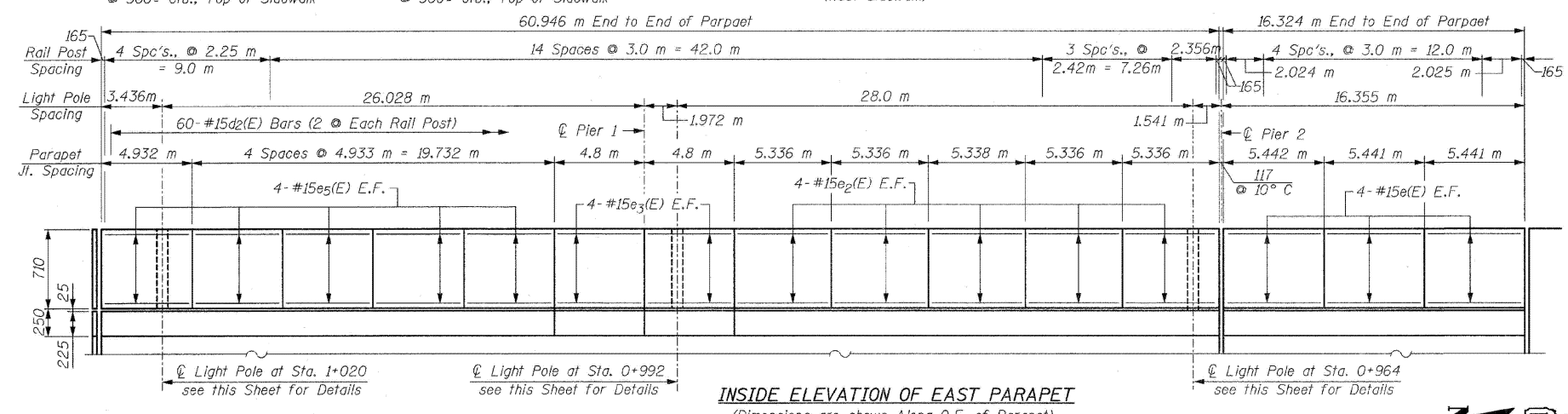
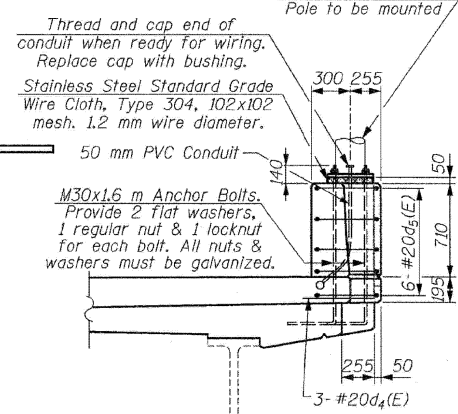
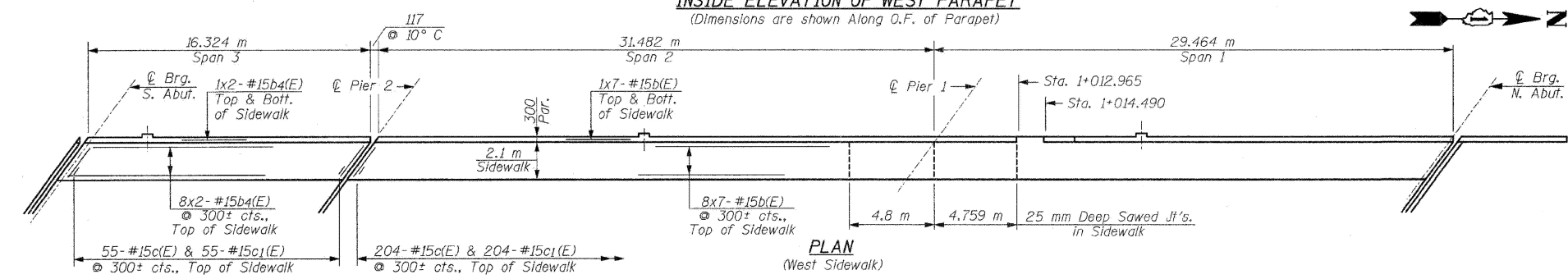
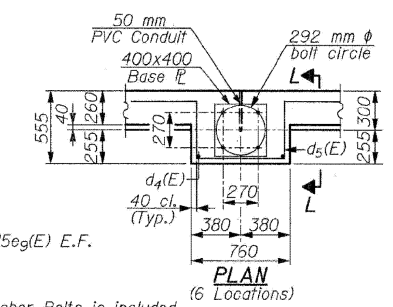
SCALE: SHEET A003 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	45
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



NOTE:
Cost of Anchor Bolts is included with "Concrete Superstructure"



NOTATION
E.F. = Each Face
I.F. = Inside Face
O.F. = Outside Face

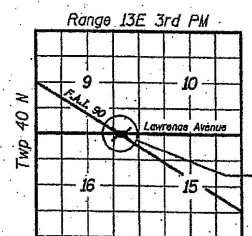
**SIDEWALK PLANS AND PARAPETS
CENTRAL AVENUE (F.A.U. RTE. 2798)
OVER
INTERSTATE 90 (KENNEDY EXPWY.) & C.T.A.
F.A.I. RTE. 90 SECTION: 1213B-1
COOK COUNTY STATION 1+000.000
STRUCTURE NO. 016-0659**

MODEL: 35 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

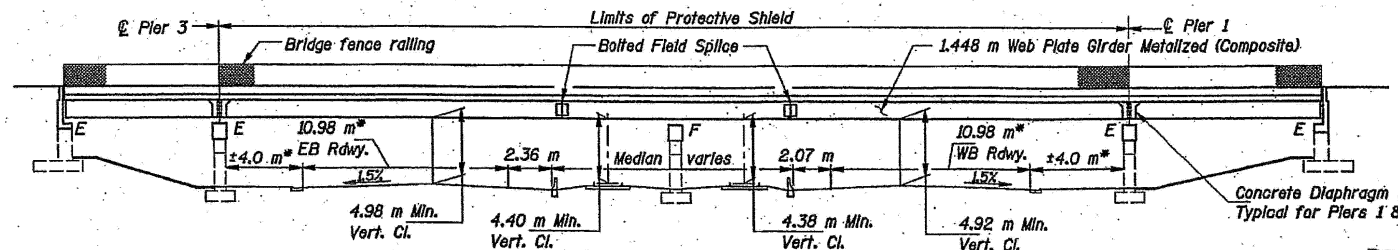
USER NAME = ivan.diaz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 10: CENTRAL AVE OVER I-90 (SN 016-0659) EXISTING STRUCTURE DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET A004	OF 4	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
	CHECKED -	REVISED -									
PLOT DATE = 12/4/2025	DATE -	REVISED -									

FOR INFORMATION ONLY

Existing Structure: S.N. 016-0836 A four simple span structure with a composite concrete deck on built up steel girders with back to back length of 112.364 m and out to out width of 21.946 m Supported on closed abutments and multi column open piers on spread footings. Built as F.A.U. Route 1363, Section 267-112-15d in 1958. Traffic shall be maintained during the rehabilitation of the structure by staged construction.

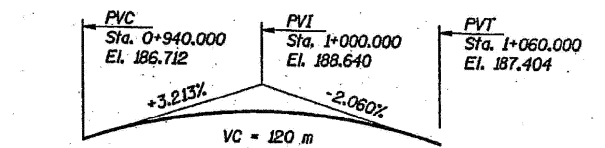


LOCATION SKETCH

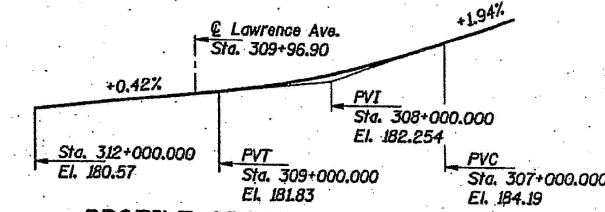


ELEVATION

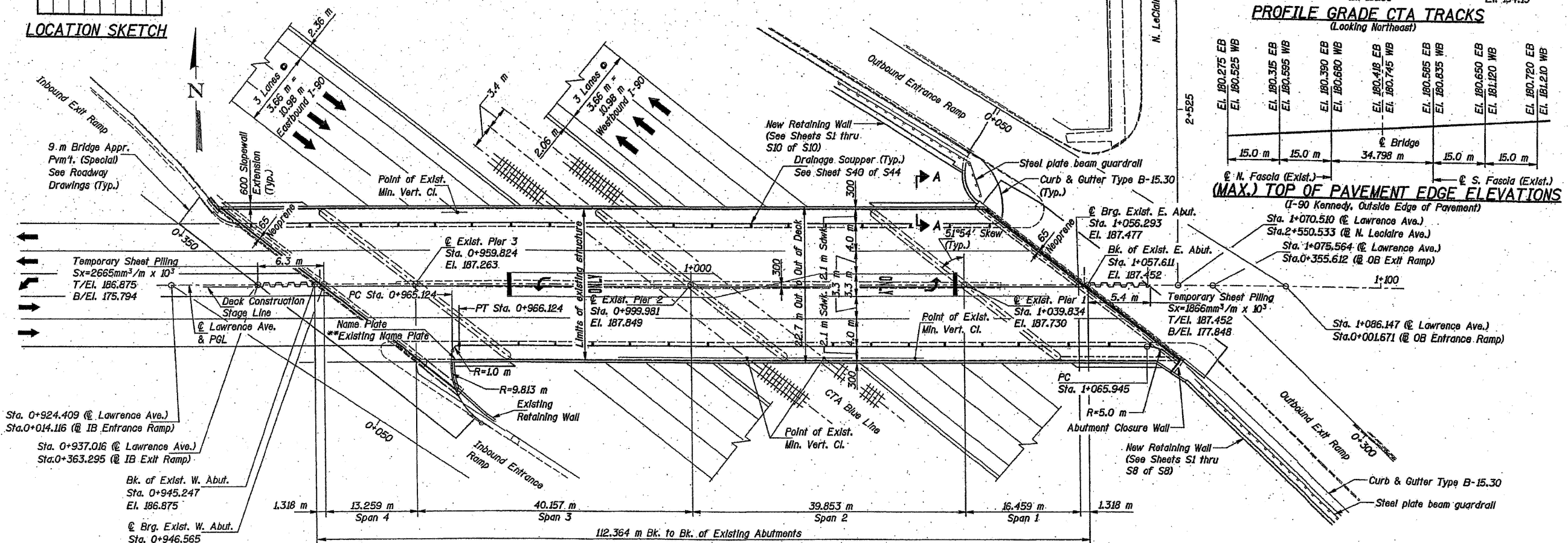
* Dimensions are at right angles to roadway U.N.



PROFILE GRADE LAWRENCE AVENUE
(Along Lawrence Avenue)



PROFILE GRADE CTA TRACKS
(Looking Northeast)



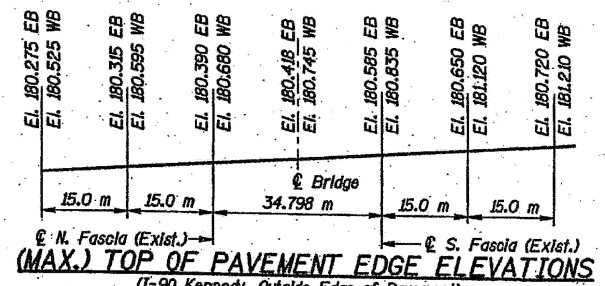
PLAN

Note:
No Drainage scuppers will be permitted over the CTA Tracks

STATION 1+001.429
RE-BUILT 200 BY
STATE OF ILLINOIS
F.A.U. RT. 1363 SEC 1112B
STR. NO. 016-0836 LOADING MS18

NAME PLATE

See Std. 515001
** Existing name plate shall be cleaned and relocated near new name plate. Cost shall be included in Name Plates.



(MAX.) TOP OF PAVEMENT EDGE ELEVATIONS
(I-90 Kennedy, Outside Edge of Pavement)

LAWRENCE AVENUE OVER
F.A.U. ROUTE 90
F.A.U. RTE. 1363 SEC 1112B
COOK COUNTY STATION 1+001.429
STRUCTURE NO. 016-0836

GENERAL PLAN AND ELEVATION

MODEL: 36 (Sheet)
FILE NAME: c:\pwworking\dwg\1167770\102925-shr-plan.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

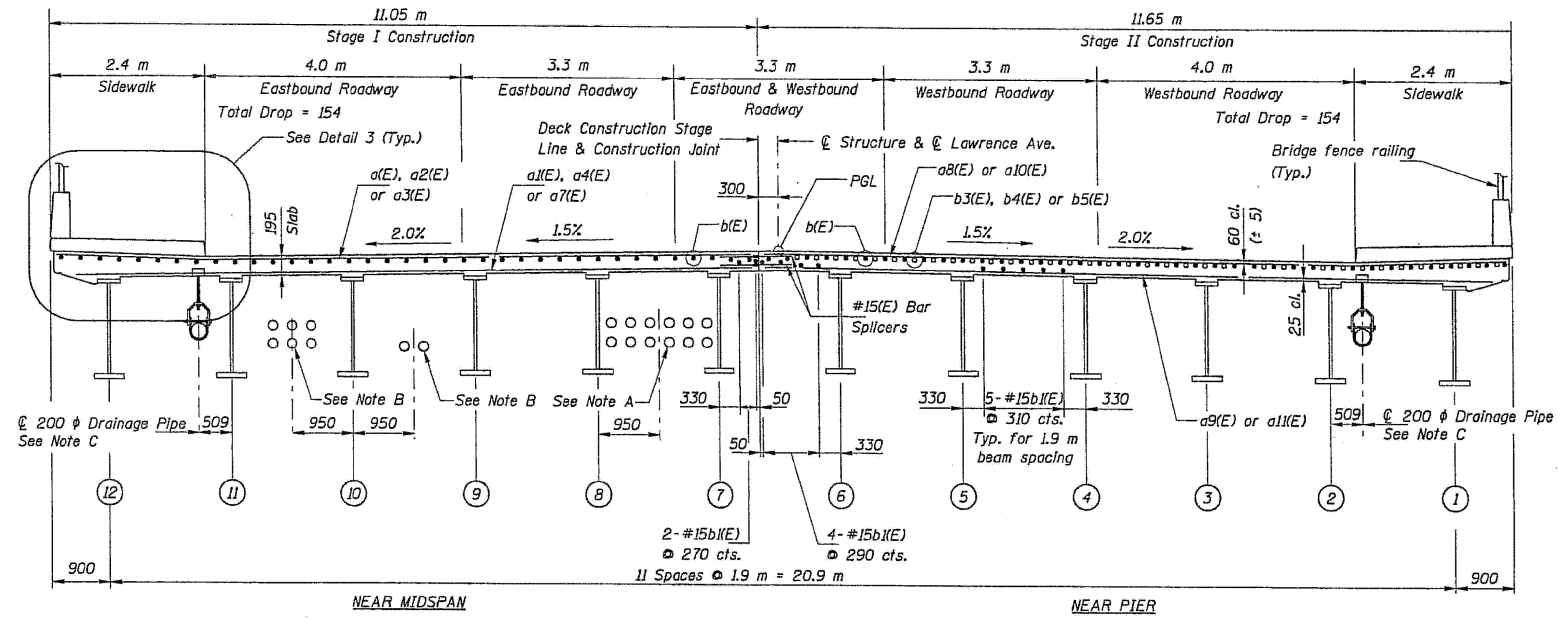
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 11: LAWRENCE AVE OVER I-90 (SN 016-0836)
EXISTING STRUCTURE DETAILS

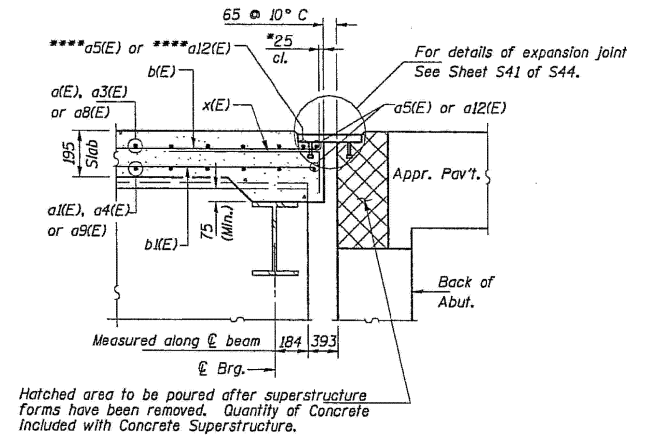
SCALE: SHEET A001 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	47
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

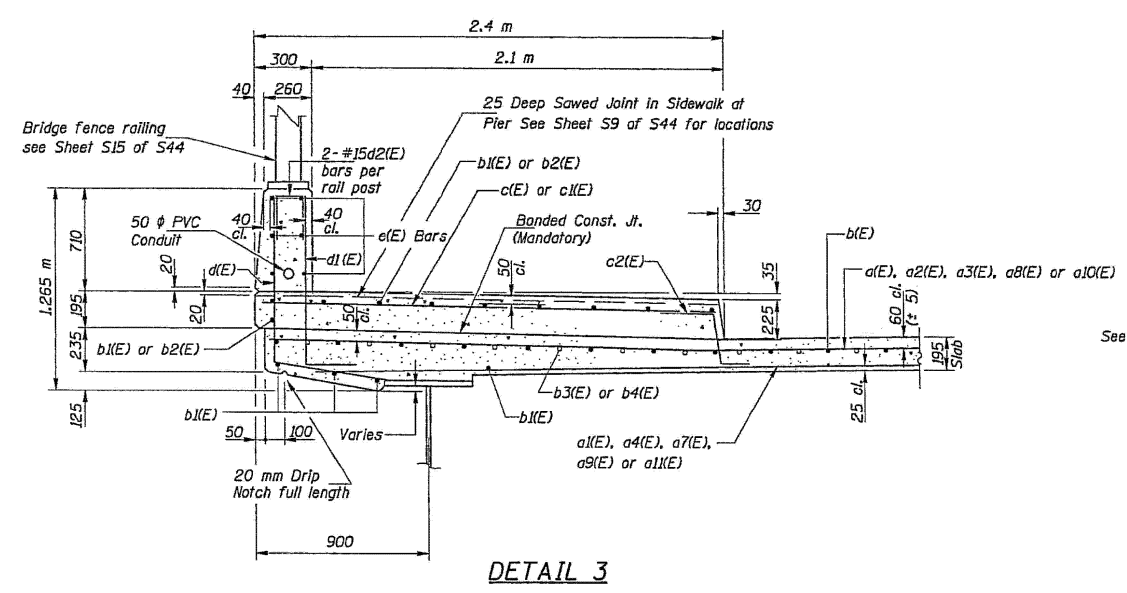


SECTION A-A
(Looking West)

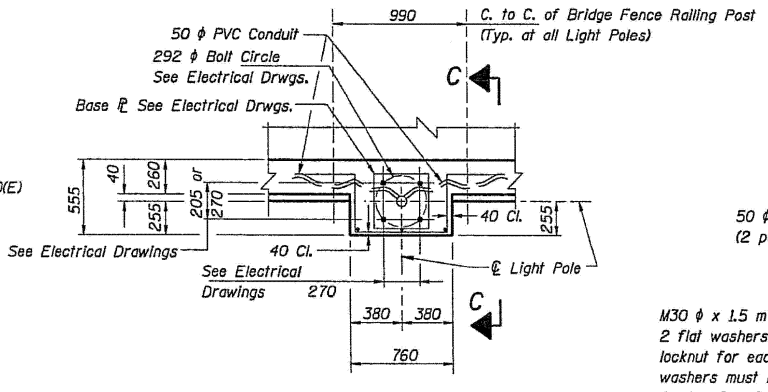


SECTION B-B
(Dimensions are at right angles)

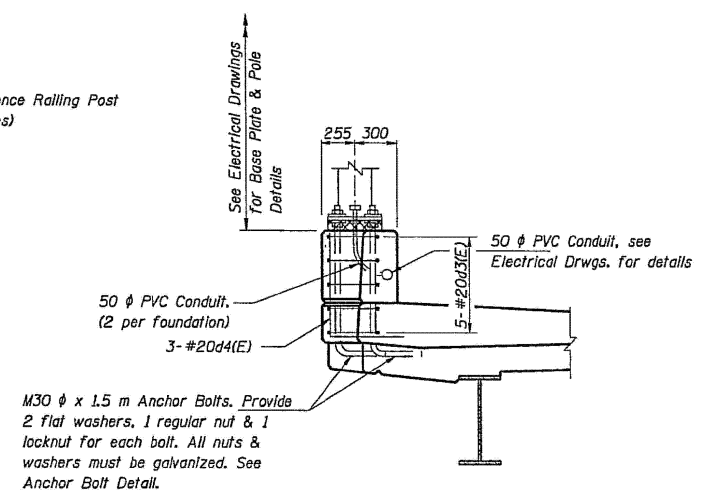
**** Place a5(E) and a12(E) bars in back of anchor bolt as shown if required to maintain 25 mm cl. (+0-3 mm). Anchor bolts should be tied to a5(E) and a12(E) bars.



DETAIL 3



LIGHT POLE PLAN



SECTION C-C

M30 φ x 1.5 m Anchor Bolts. Provide 2 flat washers, 1 regular nut & 1 locknut for each bolt. All nuts & washers must be galvanized. See Anchor Bolt Detail.

MODEL: 37 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 11: LAWRENCE AVE OVER I-90 (SN 016-0836)
EXISTING STRUCTURE DETAILS

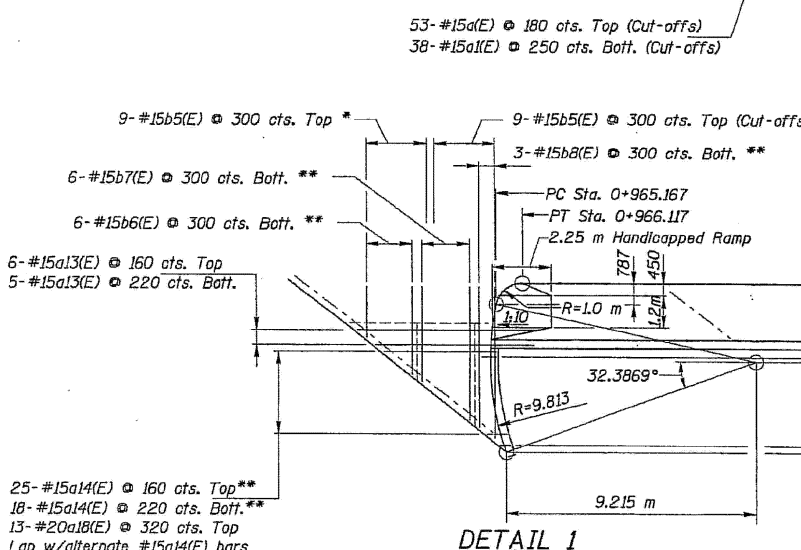
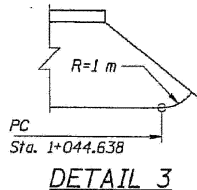
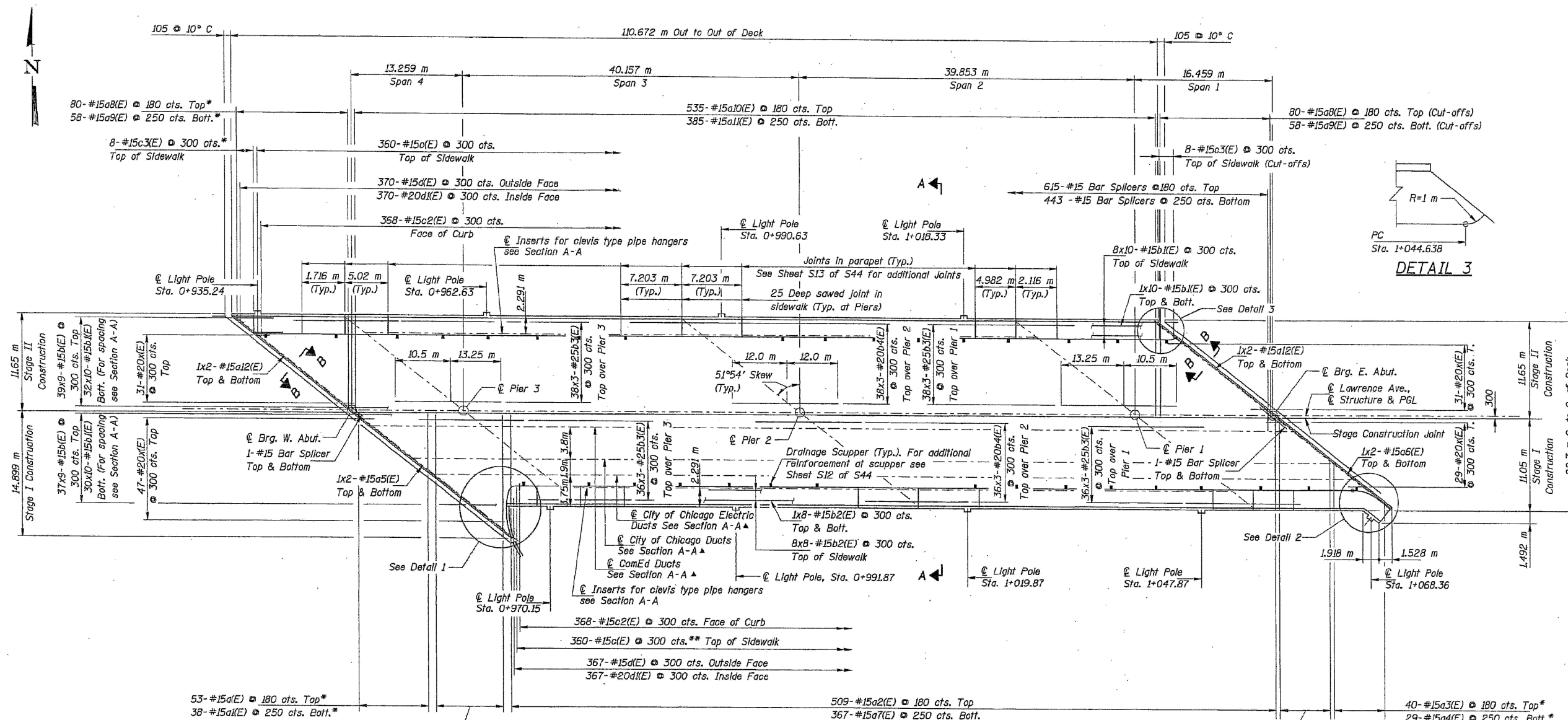
SCALE: SHEET A002 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	48
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

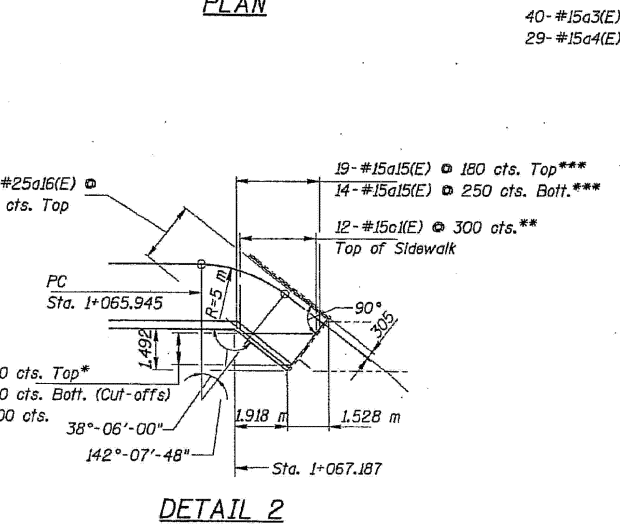
LAWRENCE AVENUE OVER
F.A.I. ROUTE 90
F.A.U. RTE. 1363 SEC 1112B
COOK COUNTY STATION 1+001.429
STRUCTURE NO. 016-0836

SUPERSTRUCTURE DETAILS-I

FOR INFORMATION ONLY



* Use Cut-offs where Indicated.
** Field cut bars as required to fit.
*** Provide 640 minimum lap with a3(E) & a4(E) bars. Field cut bars as required.
▲ If conduits are not relocated, locations of inserts need to be adjusted accordingly.



PLAN

LAWRENCE AVENUE OVER
F.A.I. ROUTE 90
F.A.U. RTE. 1363 SEC 1112B
COOK COUNTY STATION 1+001.429
STRUCTURE NO. 016-0836
SUPERSTRUCTURE

MODEL: 38 (Sheet)
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USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

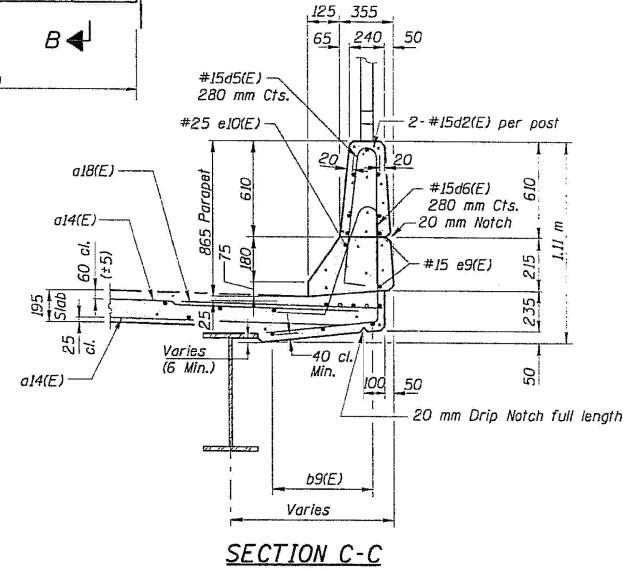
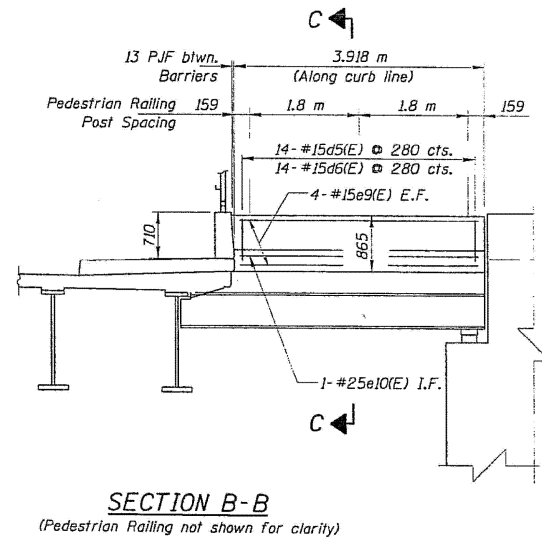
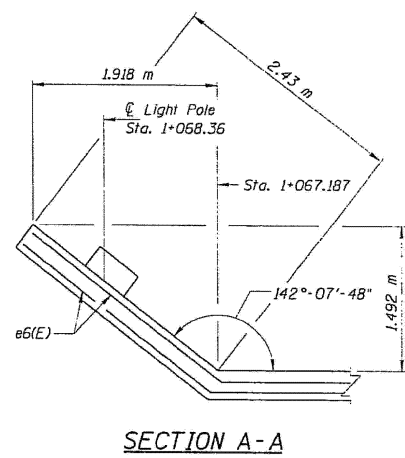
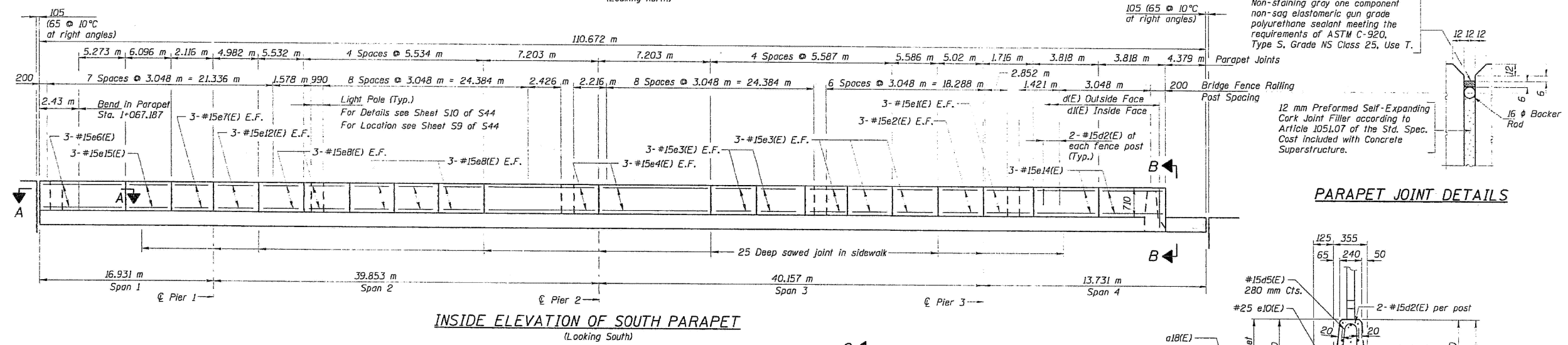
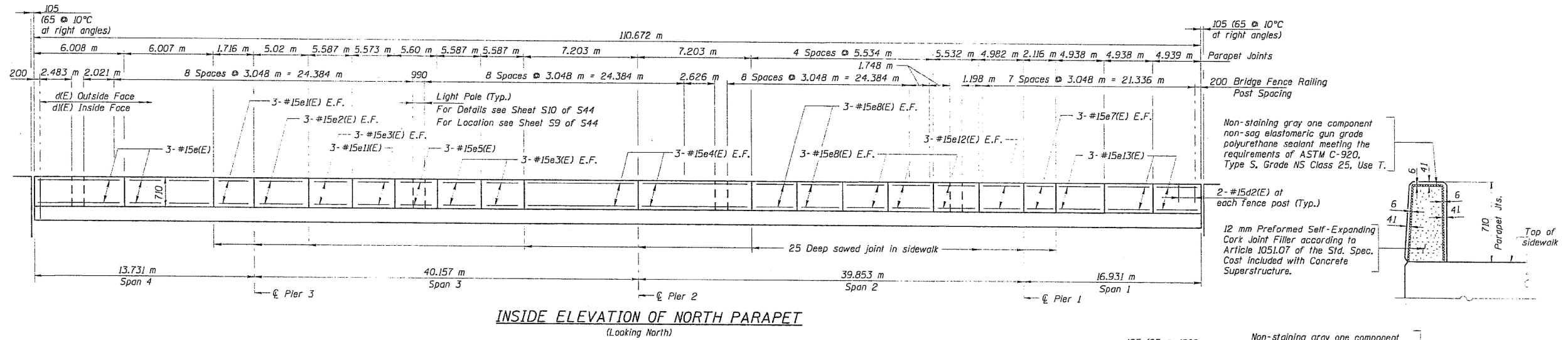
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 11: LAWRENCE AVE OVER I-90 (SN 016-0836)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A003 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	49
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



LAWRENCE AVENUE OVER
F.A.I. ROUTE 90
F.A.I. RTE. 1363 SEC 11128
COOK COUNTY STATION 1+001.429
STRUCTURE NO. 016-0836

SUPERSTRUCTURE DETAILS-IV

MODEL: 39 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

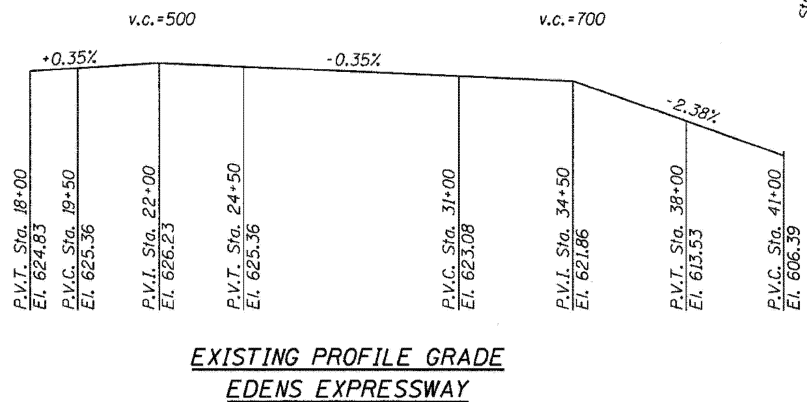
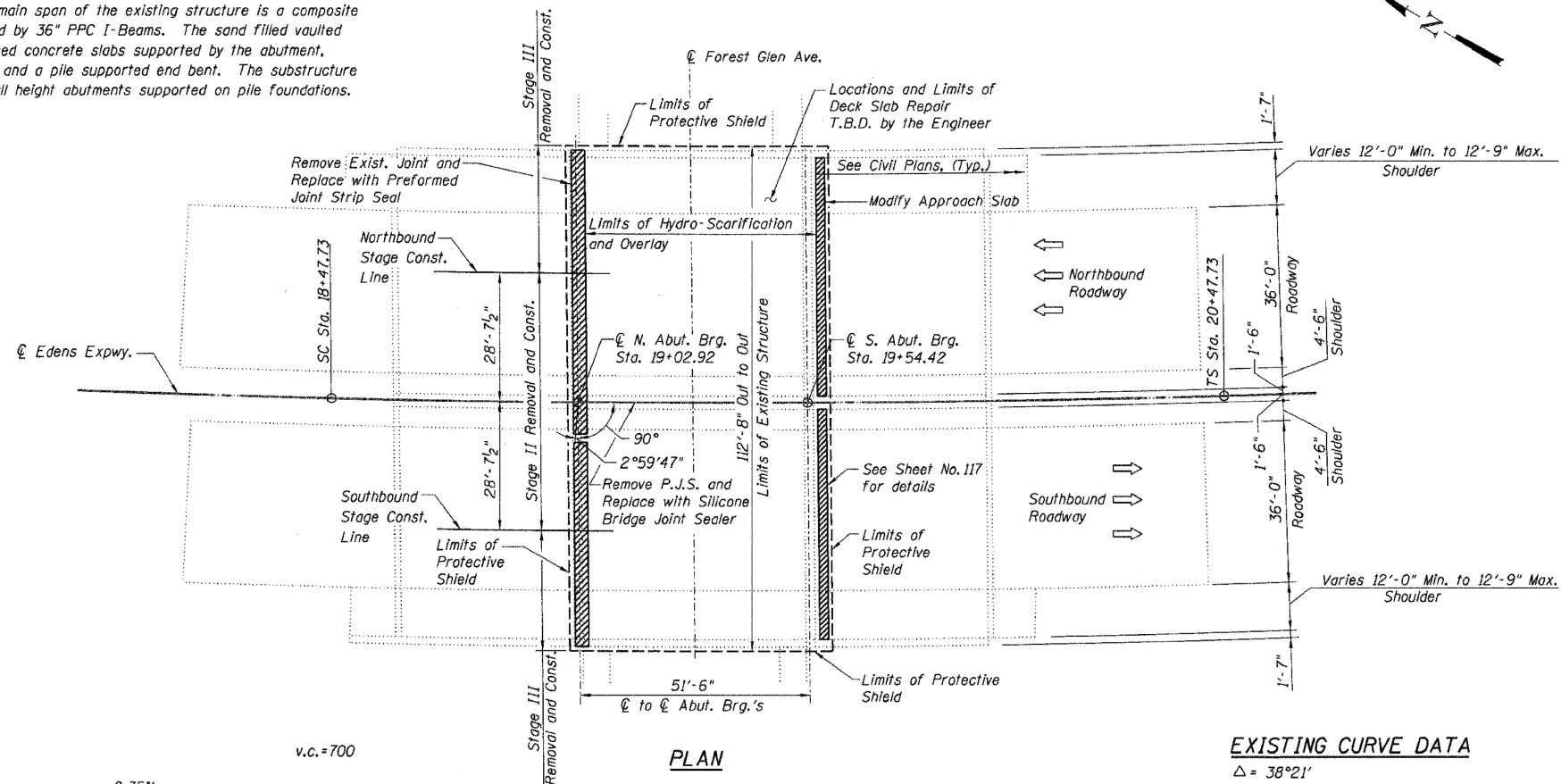
LOCATION 11: LAWRENCE AVE OVER I-90 (SN 016-0836)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	50
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Structure - Structure No. 016-0106, built as S.A. Edens Superhighway, Section 263-0202.1-15D at Station 19+28.67 in 1949. The structure was rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway), Section 1975-118-R & BR. The existing structure consists of a simple span with vaulted, sand filled approach spans. The main span of the existing structure is a composite reinforced concrete deck supported by 36" PPC I-Beams. The sand filled vaulted approaches consist of 16" reinforced concrete slabs supported by the abutment, a pile supported intermediate bent and a pile supported end bent. The substructure consists of reinforced concrete full height abutments supported on pile foundations.

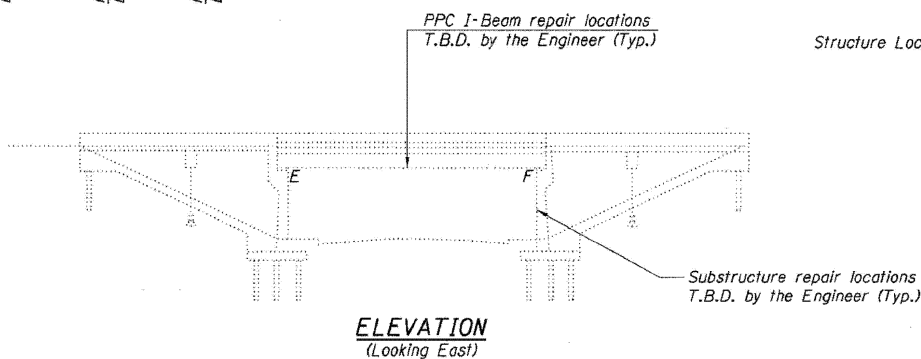
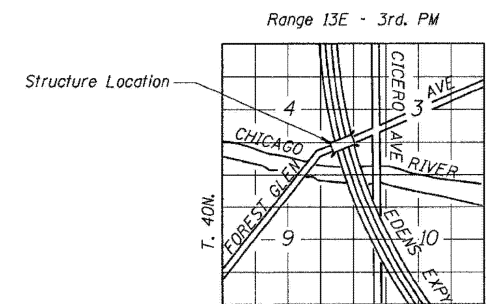


EXISTING CURVE DATA

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 $D = 3^{\circ}$
 $T = 764.52'$
 $Ls = 200.0'$
 $Es = 113.12'$
 $R = 1910.08'$
 $Lc = 1078.33'$
 $P.I. = Sta. 13+33.92$

LEGEND

- Protective Shield Limits
- ▨ Concrete Removal / Joint Reconstruction



GENERAL PLAN & ELEVATION
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER FOREST GLEN
COOK COUNTY
STATION 19+28.67
STRUCTURE NO. 016-0106

MODEL: 40 (Sheet)
 FILE NAME: c:\pwworking\oldiazal\1167770\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

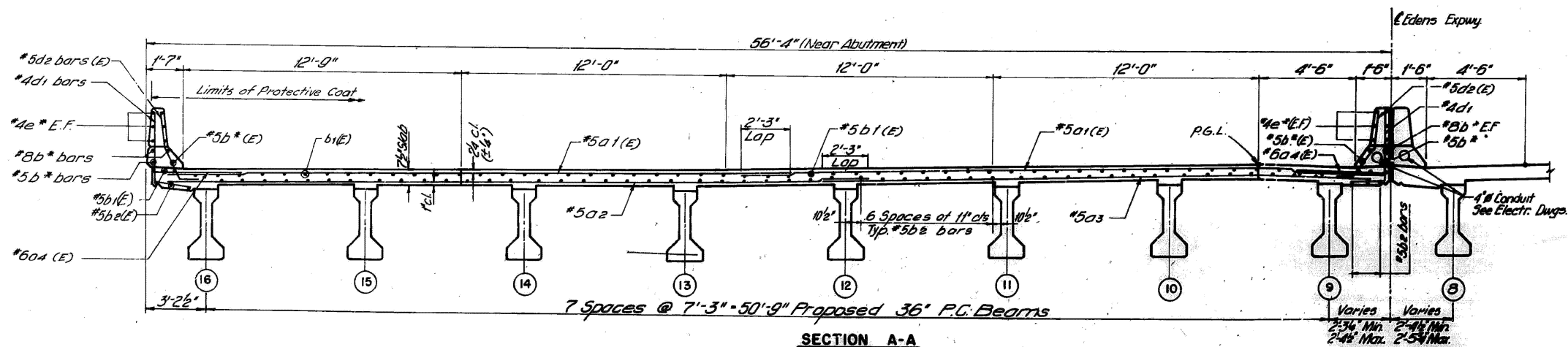
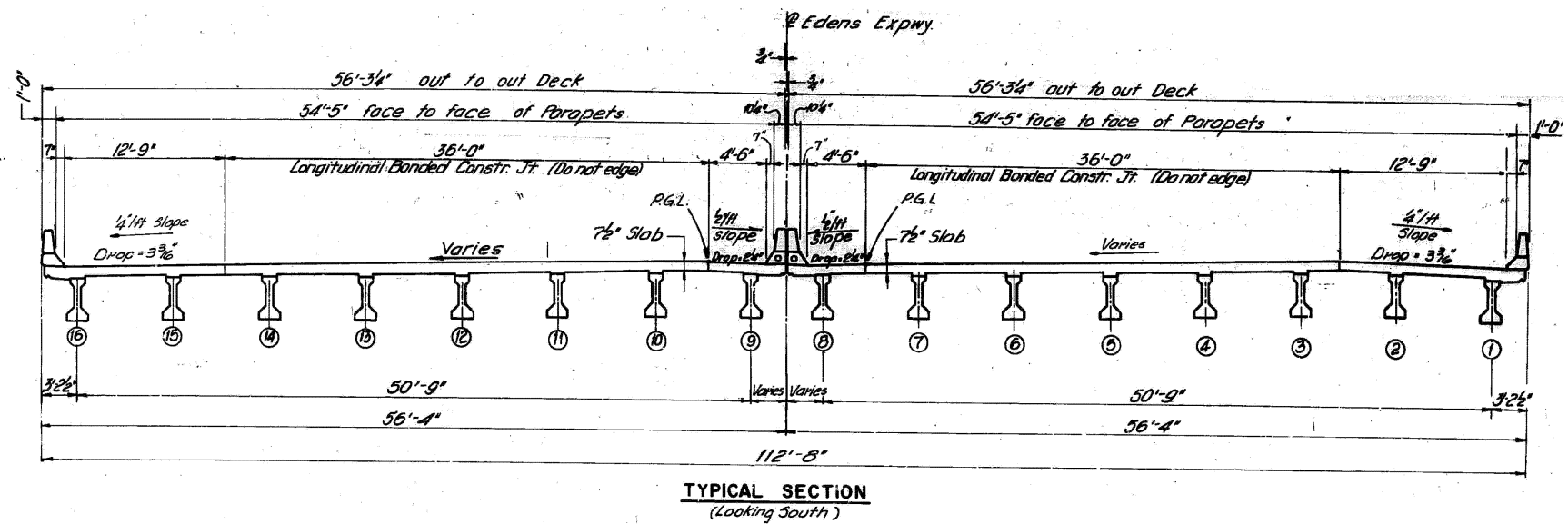
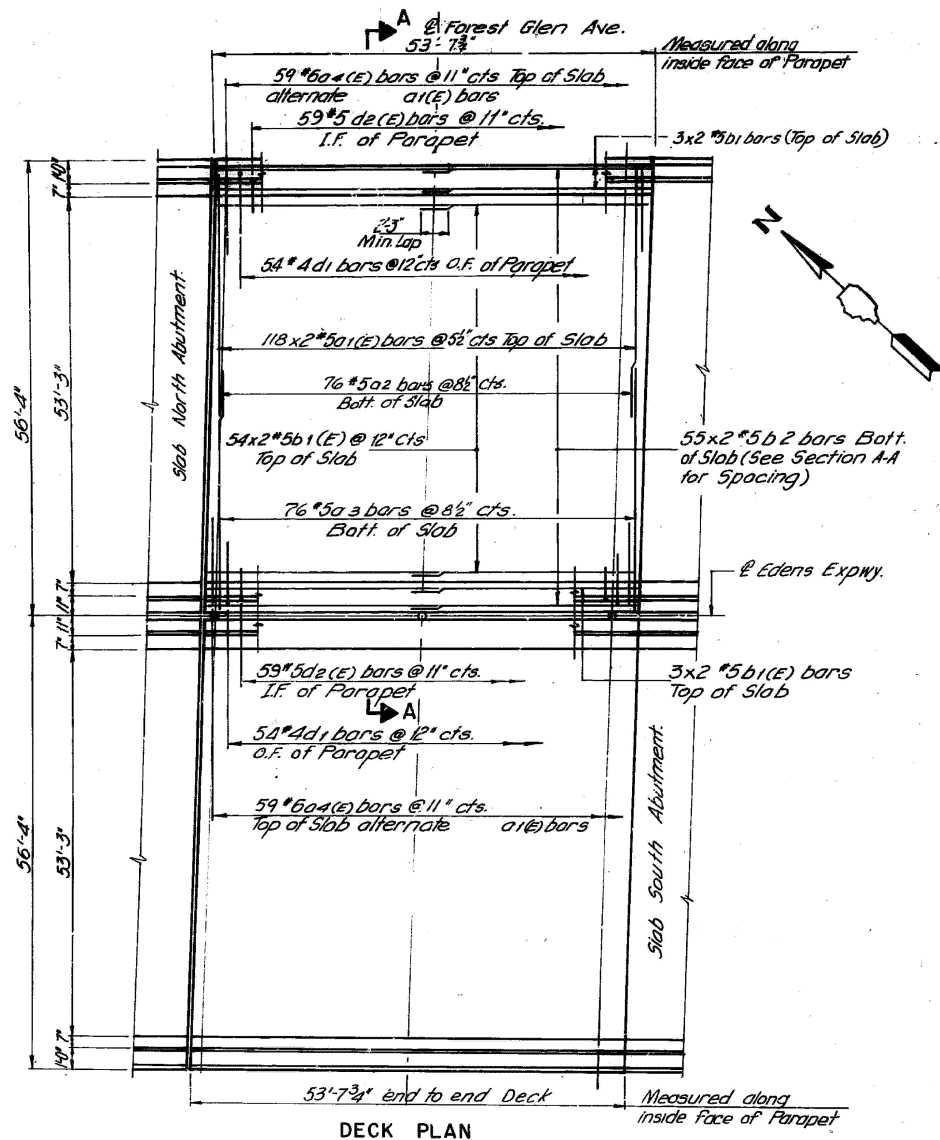
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 12: I-94 OVER FOREST GLEN AVE (SN 016-0106)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A001 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	51
			CONTRACT NO. 62X44	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



EDENS EXPRESSWAY OVER
FOREST GLEN AVENUE
DECK PLAN
SECTION: 1975-118-R-88R
COOK COUNTY.

MODEL: 41 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770D\102925-shr-plan.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

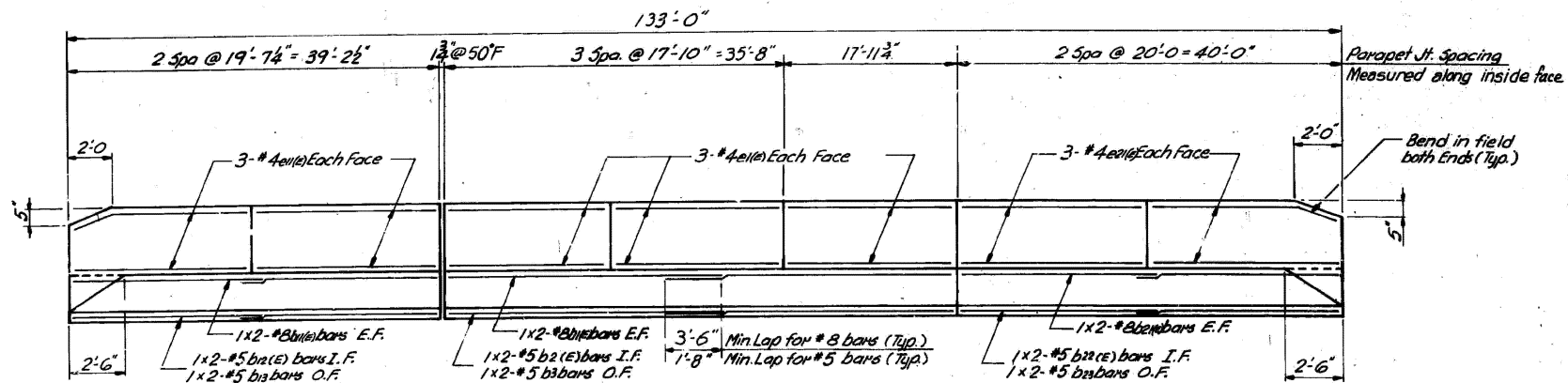
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 12: I-94 OVER FOREST GLEN AVE (SN 016-0106)
EXISTING STRUCTURE DETAILS

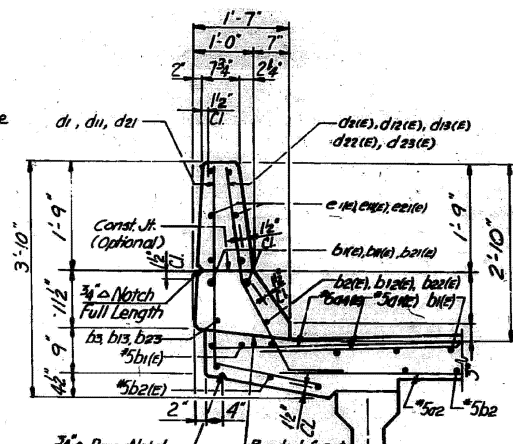
SCALE: SHEET A002 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	52
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

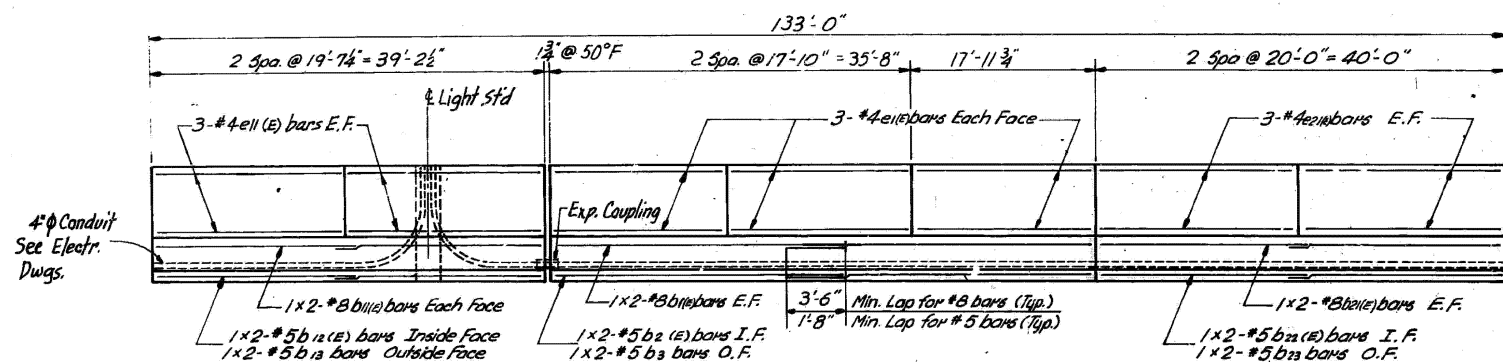
FOR INFORMATION ONLY



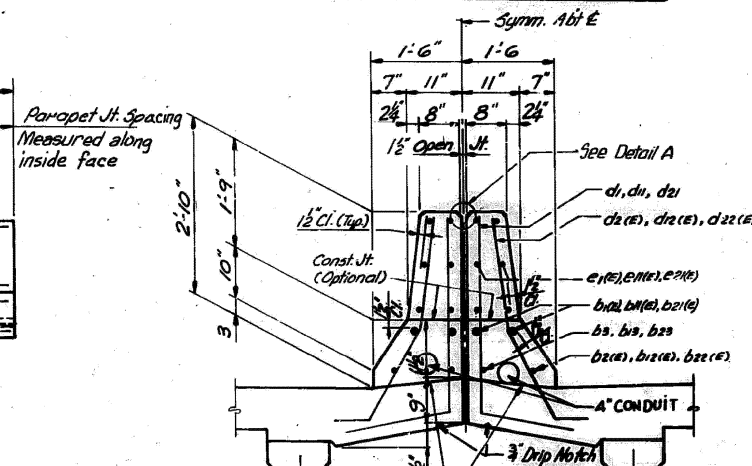
INSIDE ELEVATION OF OUTSIDE PARAPET - NORTHBOUND (LOOKING EAST)
(OUTSIDE PARAPET SOUTHBOUND SIMILAR)



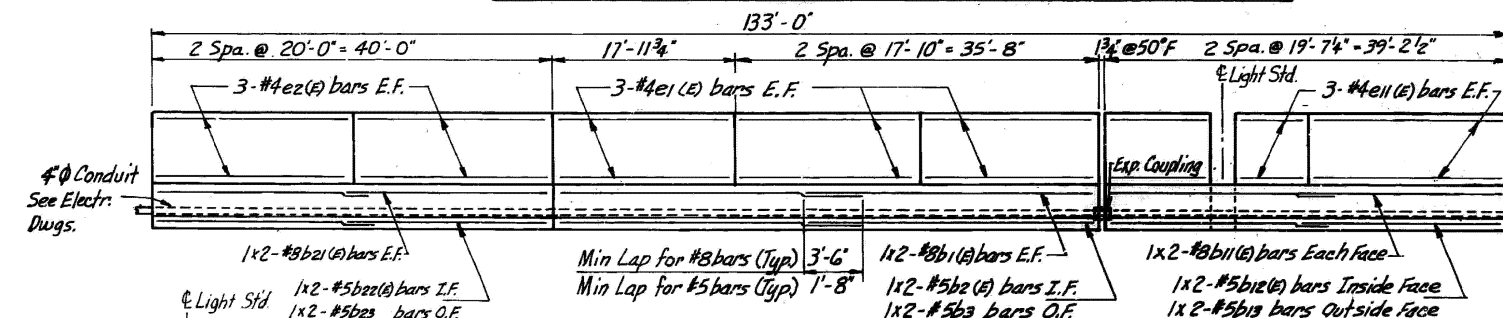
SECTION THRU OUTSIDE PARAPET



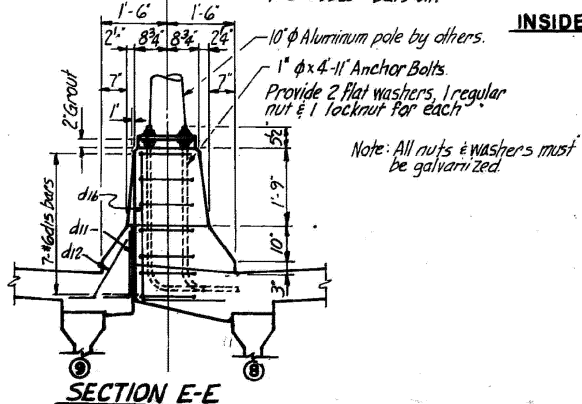
INSIDE ELEVATION OF MEDIAN PARAPET - SOUTHBOUND (LOOKING EAST)



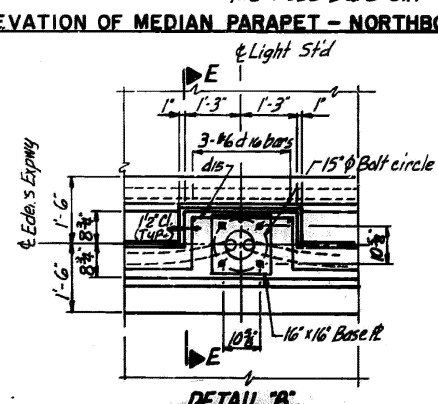
SECTION THRU MEDIAN PARAPET



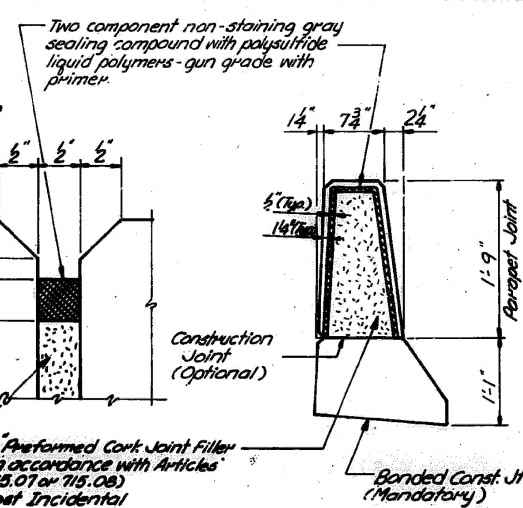
INSIDE ELEVATION OF MEDIAN PARAPET - NORTHBOUND (LOOKING WEST)



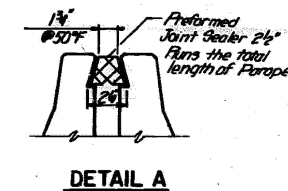
SECTION E-E



DETAIL B



DETAILS OF PARAPET JOINT



DETAIL A

EDENS EXPRESSWAY OVER
FOREST GLEN AVENUE
PARAPET DETAILS
SECTION: 1015-118-R-BBR
COOK COUNTY

MODEL: 42 (Sheet)
FILE NAME: c:\pwworking\edens\1187770102925-shr-plan.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

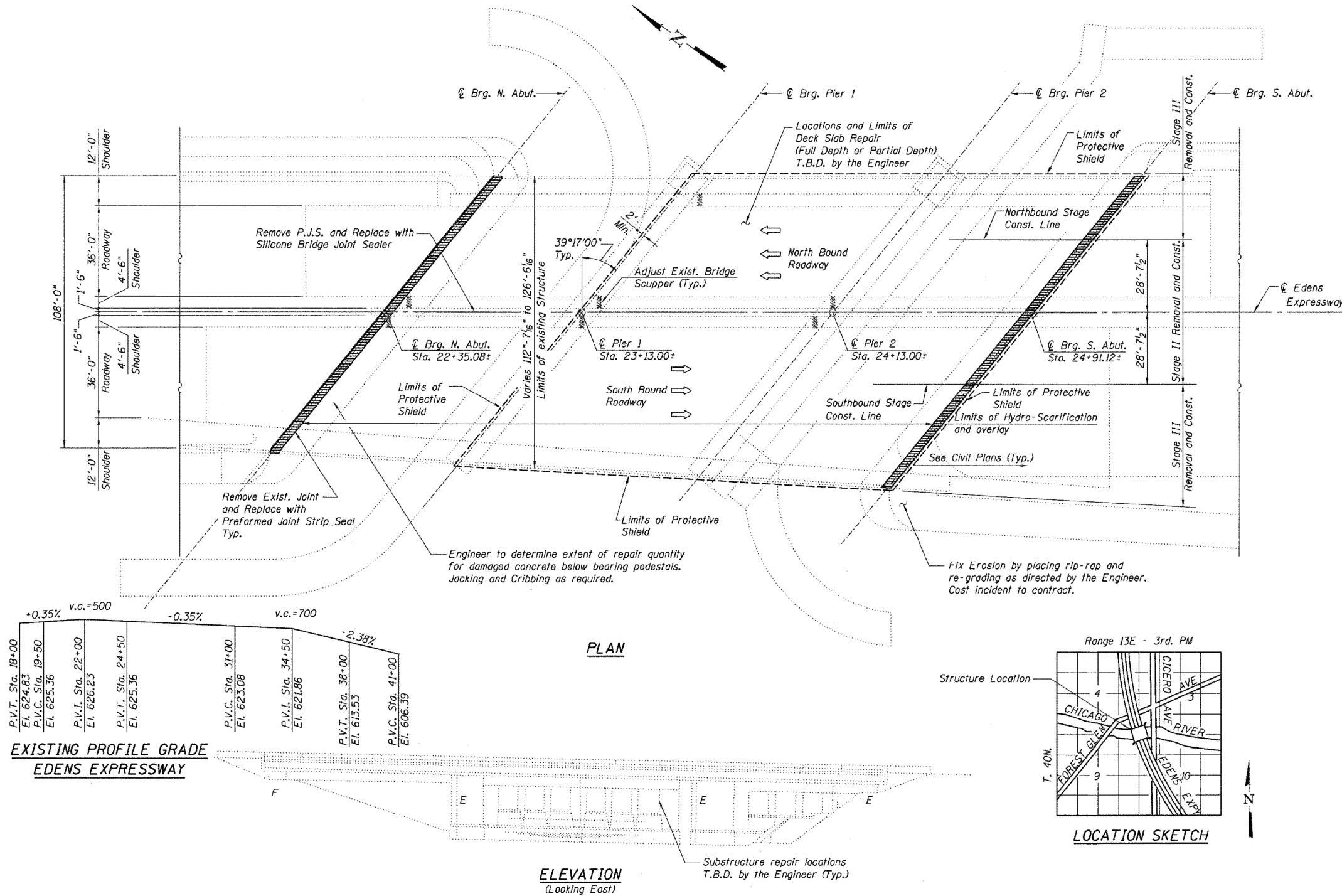
LOCATION 12: I-94 OVER FOREST GLEN AVE (SN 016-0106)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A003 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	53
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Structure - Structure No. 016-0107, built as S.A. Edens Superhighway, Section 263-0102.1-15D at Station 23+63.00 in 1949. The structure was rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway), Section 1975-118-R & BR. The existing structure consists of a three span continuous steel multi-beam structure supporting a 7½" reinforced concrete deck. The deck is composite with the steel beams in the positive moment areas of the spans. The structure is flared with one beam line termination. The steel beams consist of W36 rolled shapes. The substructure consists of reinforced concrete spill-thru type abutments (1979 widening) supported on concrete drilled shaft foundations and reinforced concrete counterfort type abutments (original construction) supported on concrete piles and reinforced concrete multi-column piers supported by concrete piles.



MODEL: 48 (Sheet)
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PLOT DATE = 12/4/2025	DATE -	REVISED -

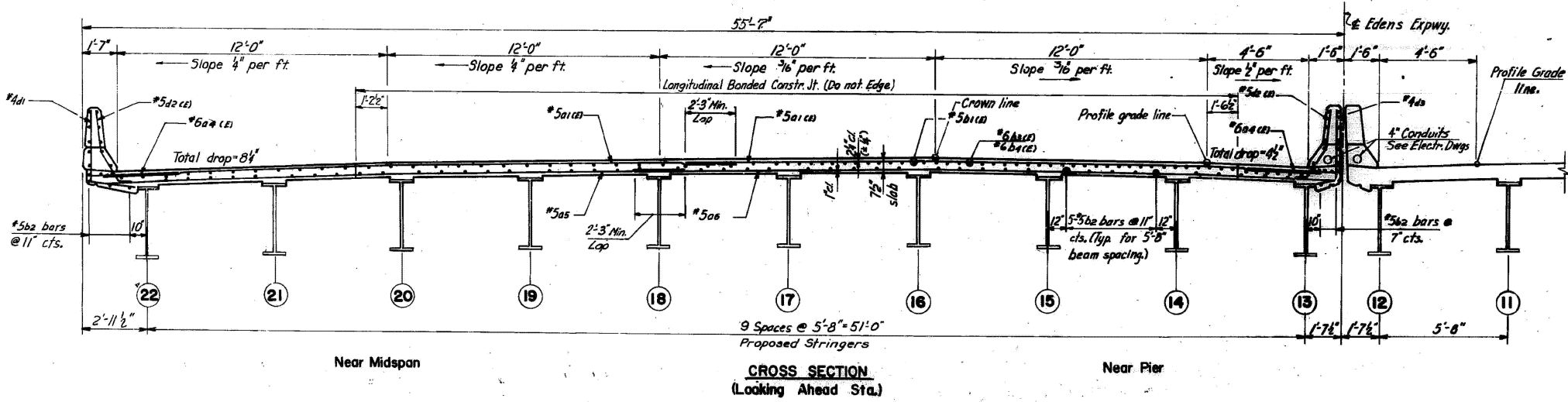
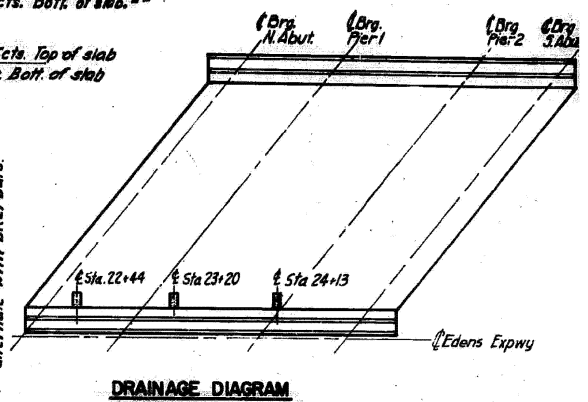
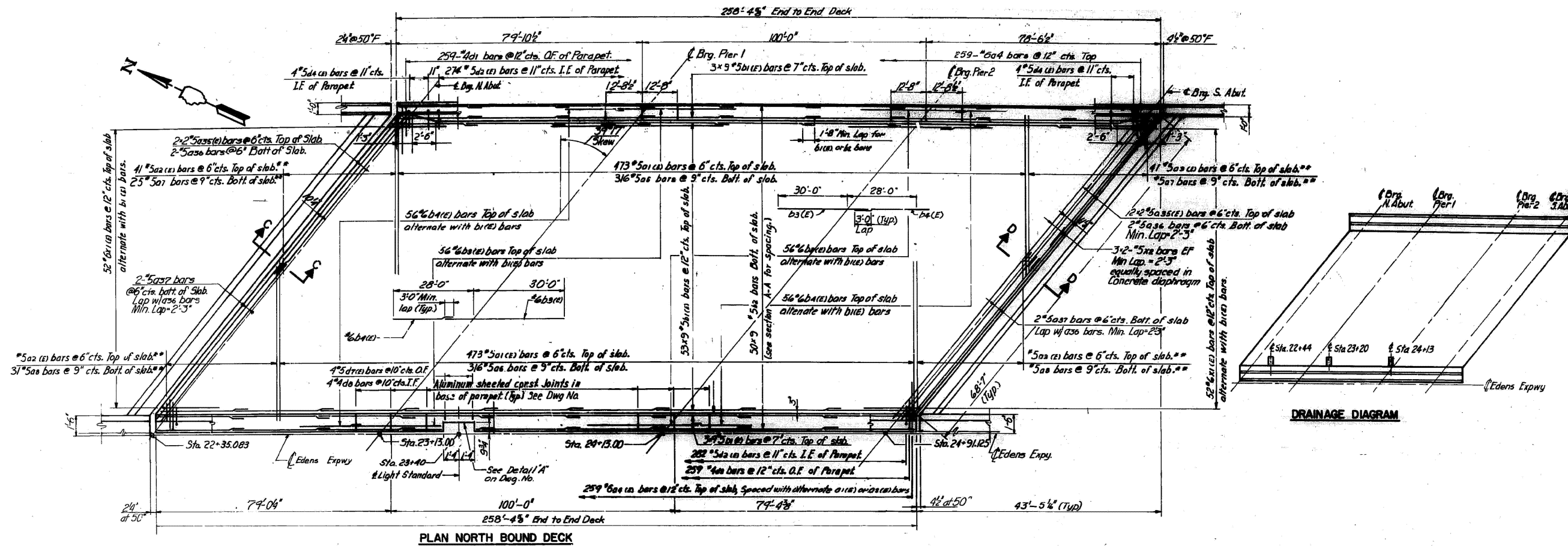
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 13: I-94 OVER CHICAGO RIVER NORTH BRANCH (SN 016-0107)
 EXISTING STRUCTURE DETAILS

SCALE: SHEET A001 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	54
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



**EDENS EXPRESSWAY OVER
NORTH BRANCH CHICAGO RIVER
NORTH BOUND DECK**
SECTION 1978 - 118-R & BR
COOK COUNTY

MODEL: 49 (Sheet)
FILE NAME: c:\pwworking\oldiazad\11677701D-102925-shr-details.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

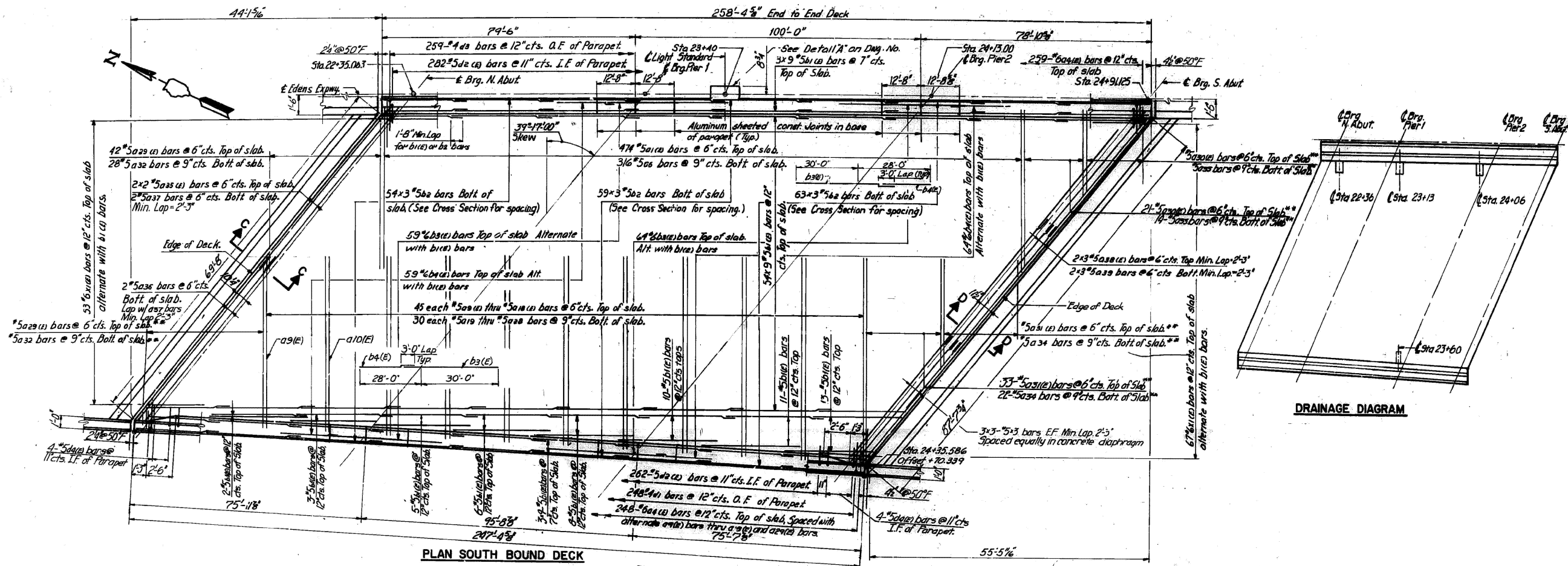
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 13: I-94 OVER CHICAGO RIVER NORTH BRANCH (SN 016-0107)
EXISTING STRUCTURE DETAILS**

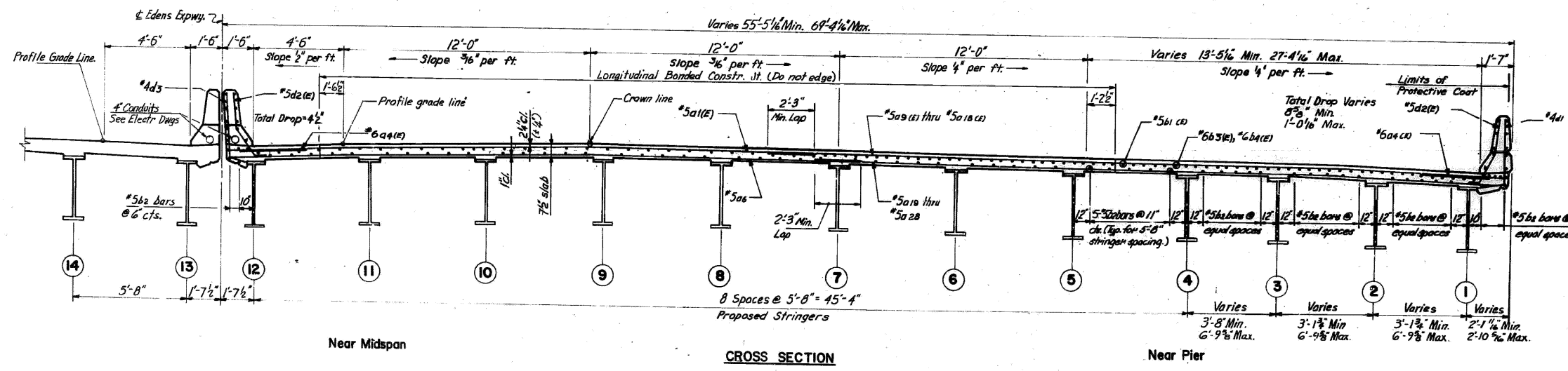
SCALE: SHEET A002 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	55
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DRAINAGE DIAGRAM



**EDENS EXPRESSWAY OVER
NORTH BRANCH CHICAGO RIVER
SOUTH BOUND DECK**
SECTION 1975 - 118 - R & BR
COOK COUNTY

MODEL: 60 (Sheet)
FILE NAME: c:\pwworking\oldiazal\11677701D-102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

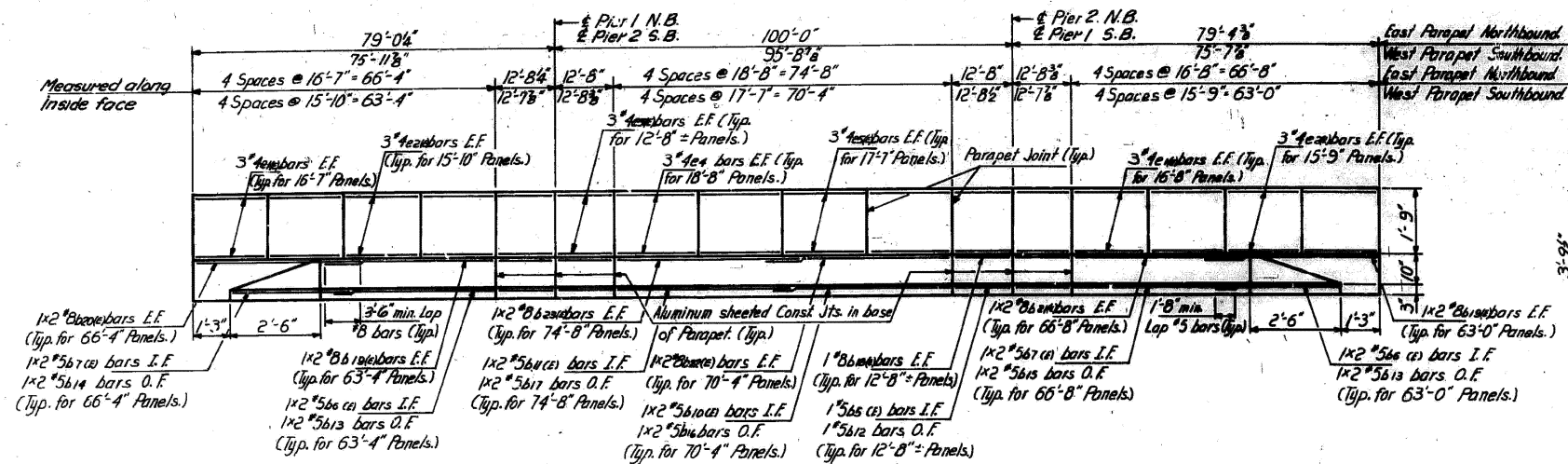
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 13: I-94 OVER CHICAGO RIVER NORTH BRANCH (SN 016-0107)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A003 OF 4 SHEETS STA. TO STA.

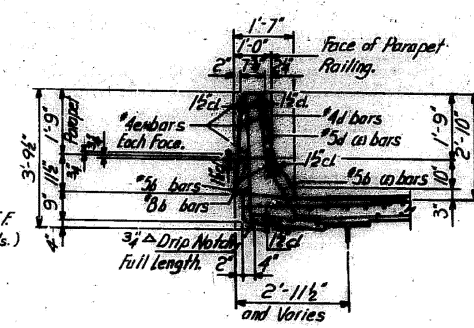
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	56
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

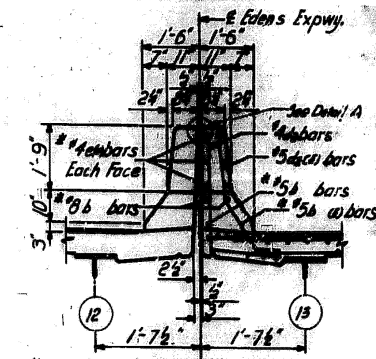


ELEVATION EAST PARAPET NORTHBOUND
(INSIDE VIEW LOOKING EAST)

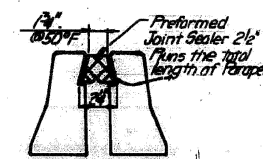
ELEVATION WEST PARAPET SOUTHBOUND
(INSIDE VIEW LOOKING WEST)



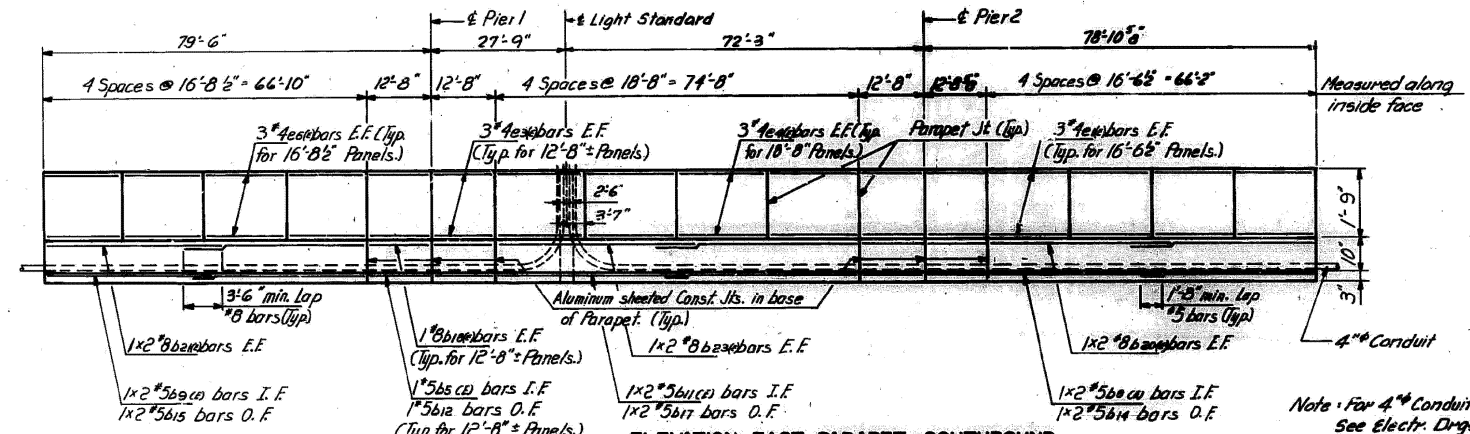
SECTION THRU OUTSIDE PARAPET



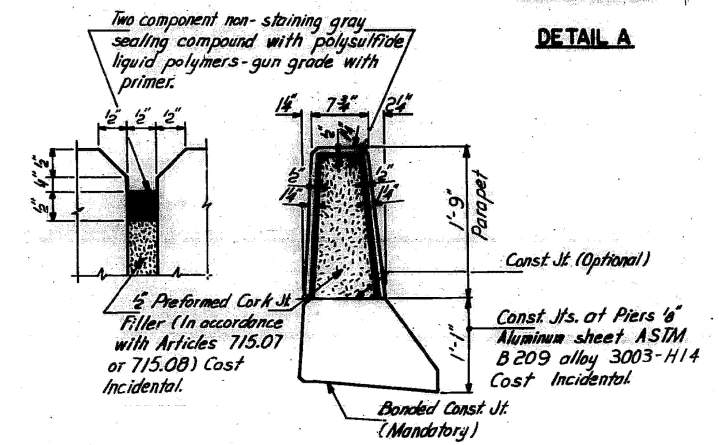
SECTION THRU MEDIAN PARAPET
(FOR DIMENSION NOT SHOWN SEE OUTSIDE PARAPET)



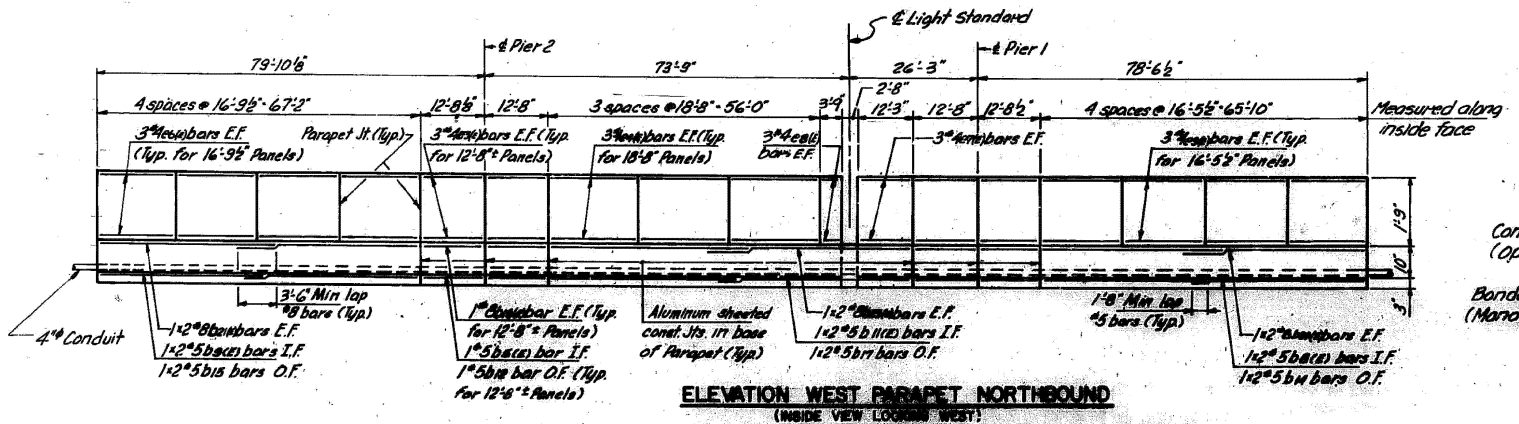
DETAIL A



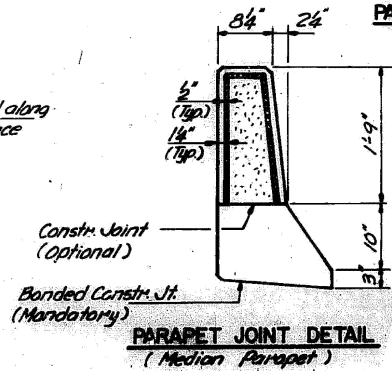
ELEVATION EAST PARAPET SOUTHBOUND
(INSIDE VIEW LOOKING EAST)



PARAPET JOINT DETAILS
(Outside Parapet)



ELEVATION WEST PARAPET NORTHBOUND
(INSIDE VIEW LOOKING WEST)



PARAPET JOINT DETAIL
(Median Parapet)

EDENS EXPRESSWAY OVER NORTH BRANCH CHICAGO RIVER DECK DETAILS
SECTION 1275-110-R & BR
COOK COUNTY

MODEL: 51 (Sheet)
FILE NAME: c:\pwworking\edens\1167770102925-shr-details.dgn

USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

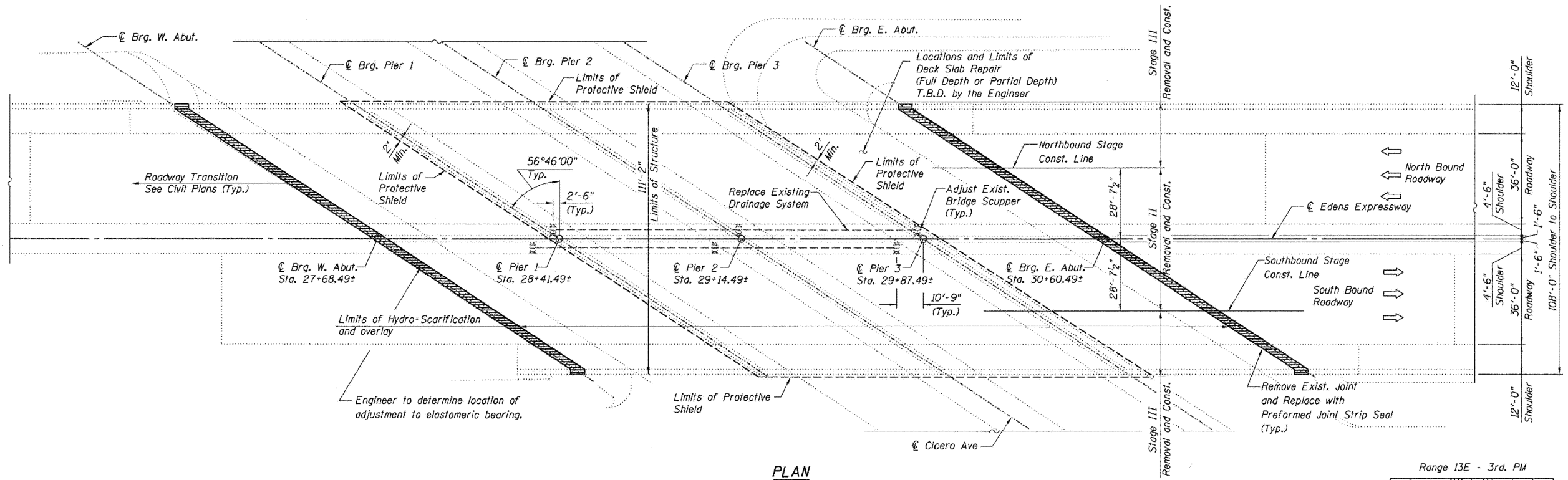
LOCATION 13: I-94 OVER CHICAGO RIVER NORTH BRANCH (SN 016-0107)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 4 SHEETS STA. TO STA.

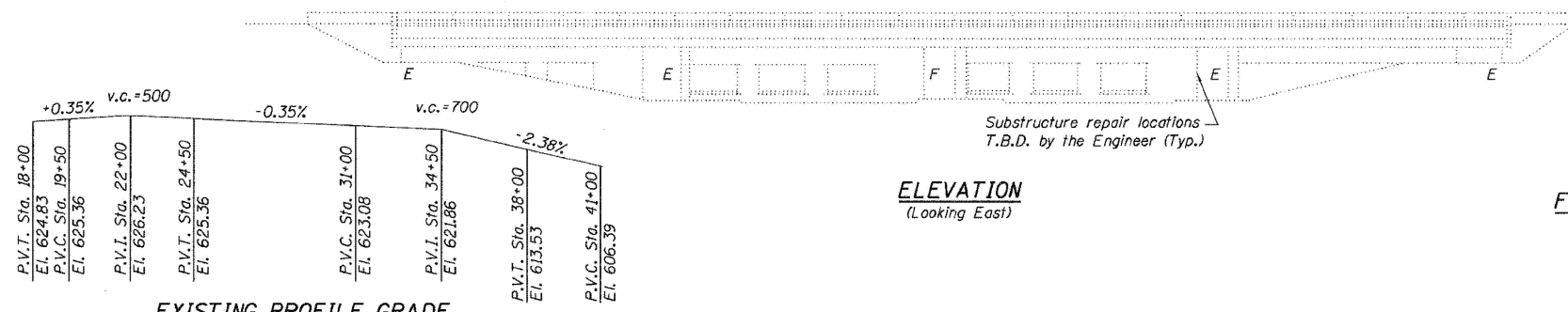
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	57
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

Existing Structure - Structure No. 016-0108, built as S.A. Edens Superhighway, Section 263-0101.1-15D at Station 29+14.49 in 1949. The structure was rehabilitated and widened in 1979 as FAI Route 94 (Edens Expressway), Section 1975-118-R & BR. The existing structure consists of a four span continuous steel multi-beam structure supporting a 7½" reinforced concrete deck. The deck is composite with the steel beams in the end spans only. The steel beams consist of W36 rolled shapes. The original (1949) substructure consists of reinforced concrete pile bent abutments and reinforced concrete multi-column piers supported by concrete piles. The widened substructure (1979) utilizes drilled shafts to support the abutment extension and solid wall pier extensions supported by concrete piles.



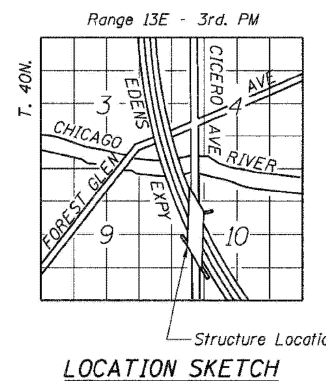
PLAN



ELEVATION
(Looking East)

EXISTING PROFILE GRADE
EDENS EXPRESSWAY

LEGEND
 --- Protective Shield Limits
 Concrete Removal / Joint Reconstruction



LOCATION SKETCH

GENERAL PLAN & ELEVATION
F.A.I. 94/ (EDENS EXPRESSWAY)
OVER CICERO AVE.
COOK COUNTY
STATION 29+14.49
STRUCTURE NO. 016-0108

MODEL: 62 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

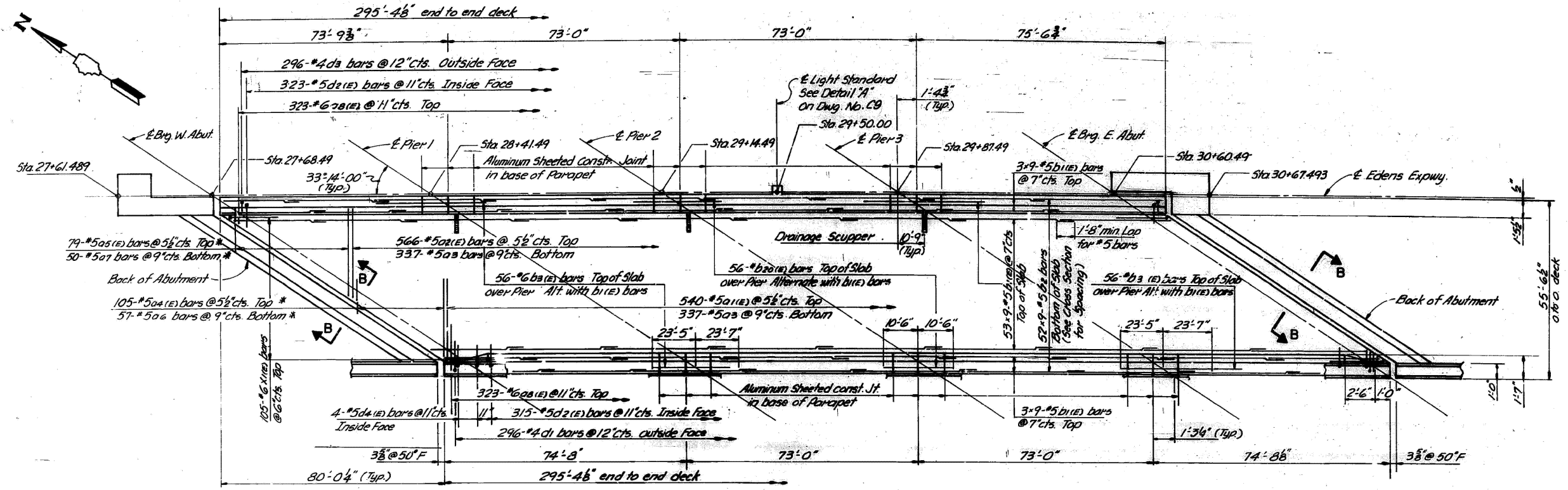
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 14: I-94 OVER IL 50 (CICERO AVE) (SN 016-0108)
 EXISTING STRUCTURE DETAILS

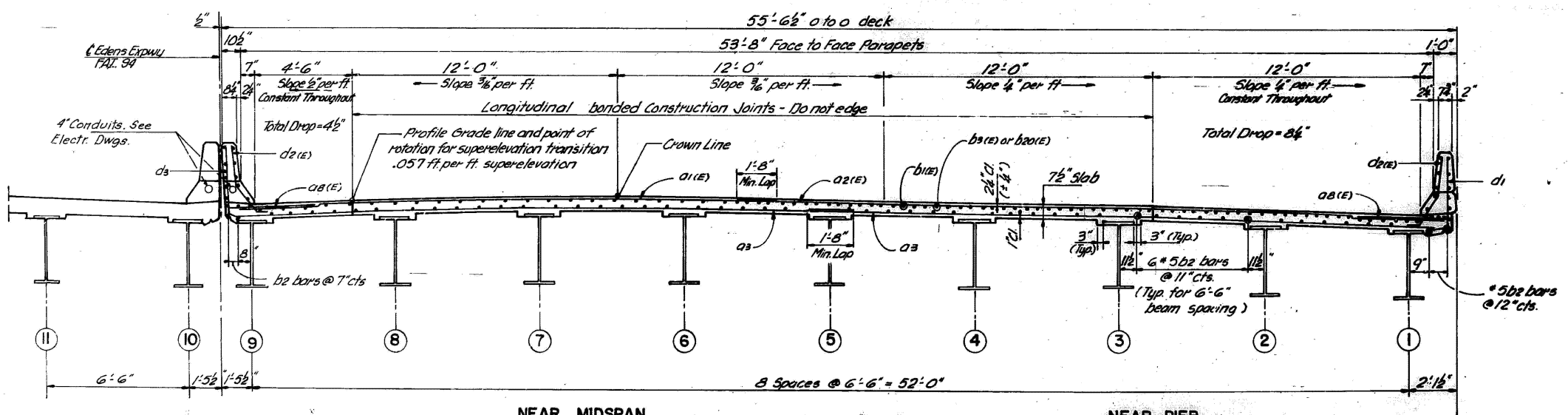
SCALE: SHEET A002 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	59
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



PLAN
(Stage 2 Construction)



CROSS SECTION
(Looking East)

**EDENS EXPRESSWAY OVER
CICERO AVENUE
SOUTH BOUND DECK PLAN**
SECTION 1875 - 118 - R & BR
COOK COUNTY

MODEL: 54 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

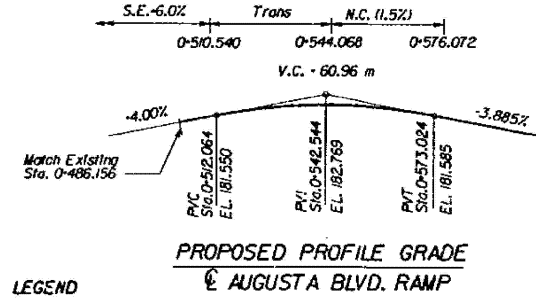
**LOCATION 14: I-94 OVER IL 50 (CICERO AVE) (SN 016-0108)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A004 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	61
CONTRACT NO. 62X44			ILLINOIS FED. AID PROJECT	

FOR INFORMATION ONLY

Existing Structure: S.N. 016-0168, three span continuous wide flange beam, 55.617 m back to back of abutment. Built as F.A.I. Route No. 2, Sec. 0404.2-2B in 1960. Traffic to be maintained utilizing stage construction.



LEGEND

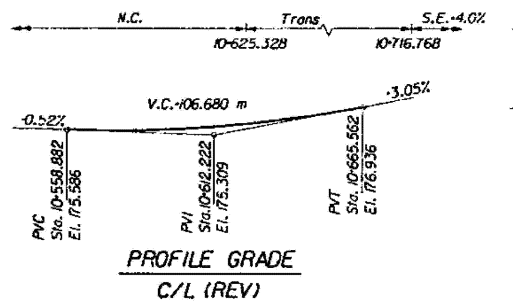
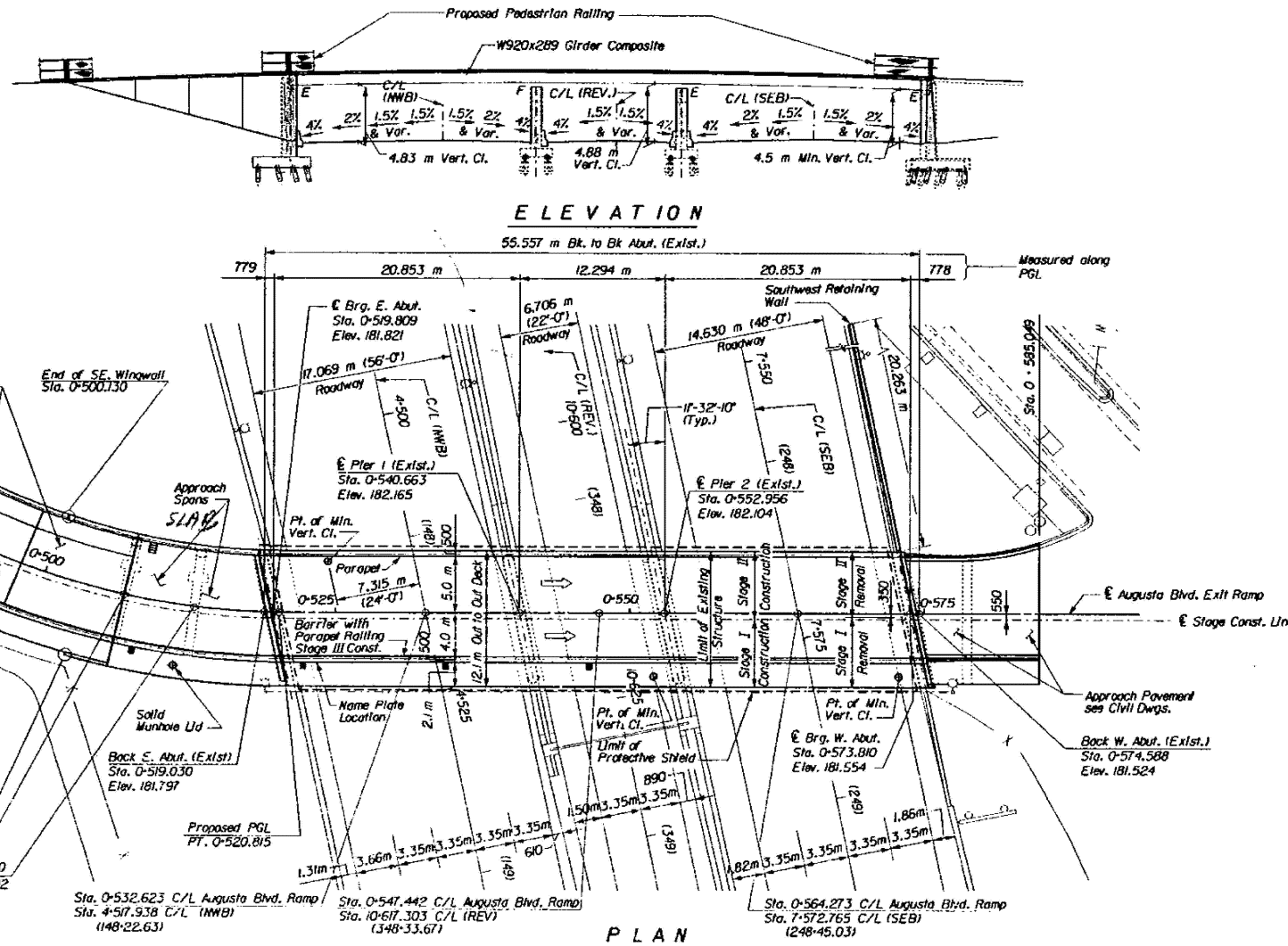
- Existing Light Pole
- Existing Bridge Mounted Electrical Conduit Remove and reinstall
- Chain Link Fence
- Existing Manhole
- Soupper

CURVE AUG. RAMP (Proposed PGL)	
Δ	102° 57' 50"
R	60.96
T	76.588
L	109.477
LC	95.392
E	36.927
P.I. STA.	0+466.077
P.C. STA.	0+411.338
P.T. STA.	0+520.815

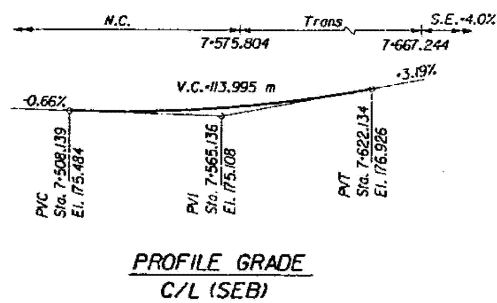
STATION 0+547.442
REBUILT 195- BY
STATE OF ILLINOIS
F.A.I. RT. 90/94 SEC. 0404.2-2B-BR
F.A. PROJ. 0412-24-2(24)49
LOADING MS18
STR. NO. 016-0168

Existing name plates to be cleared and relocated adjacent to new name plate. Cost is included in pay item Name Plates. See Dwg. No. A-8.

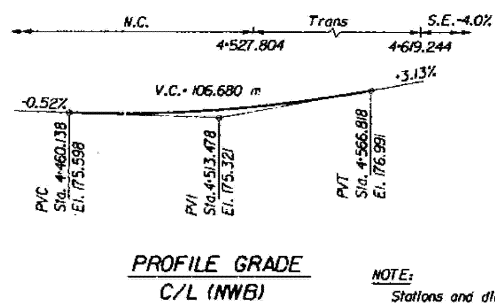
NAME PLATE
(See Std. 2113)



PROFILE GRADE
C/L (REV)

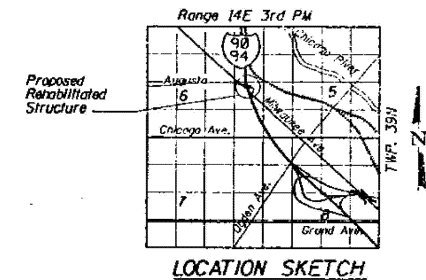


PROFILE GRADE
C/L (SEB)



PROFILE GRADE
C/L (NWB)

NOTE:
Stations and dimensions in parentheses () are in feet units.



AUGUSTA BOULEVARD
GENERAL PLAN

F.A.I. 90/94
SECTION 0404.2-2B-BR

SN 016-0168

COOK COUNTY
STA. 0+547.442

MODEL: 56 (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

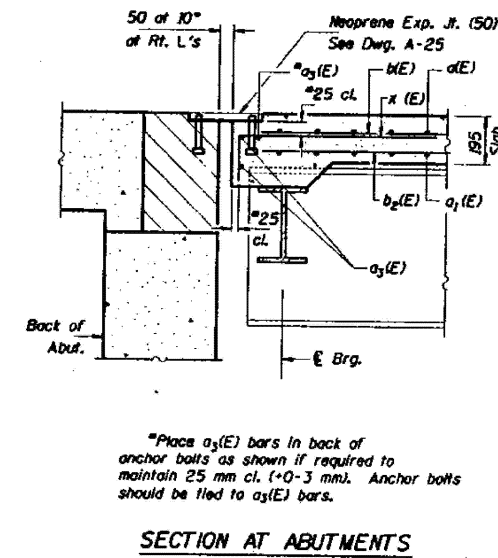
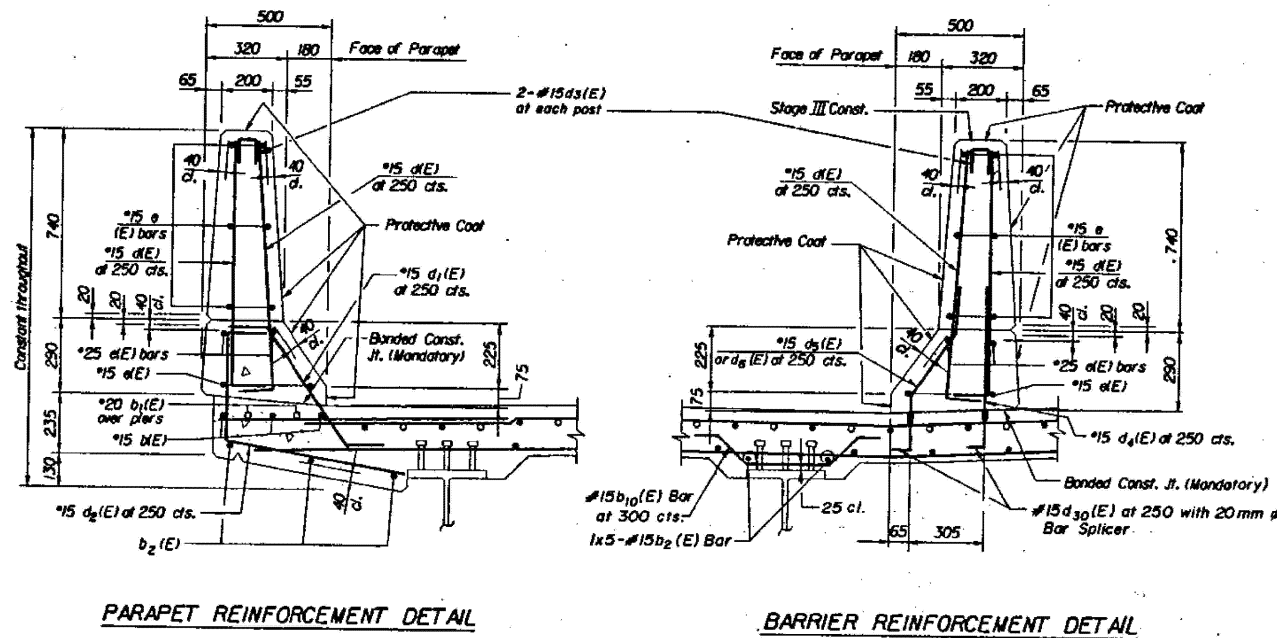
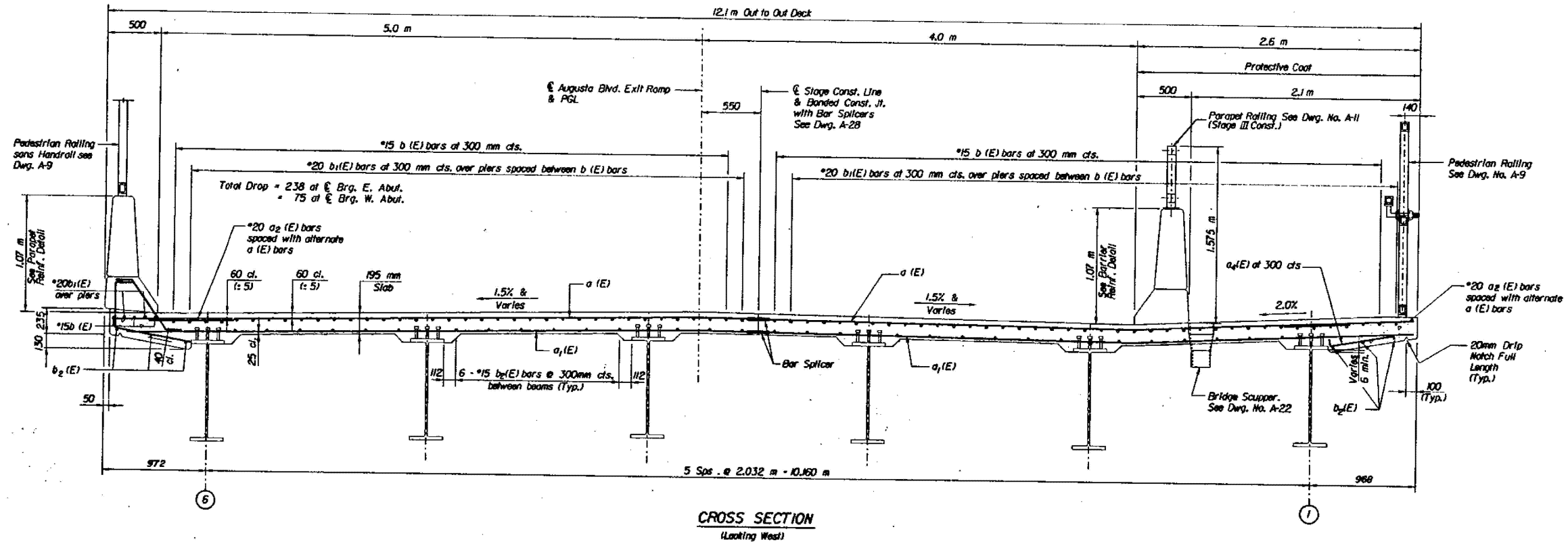
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 15: AUGUSTA BLVD OVER I-90/94 (SN 016-0168)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A001 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	62
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



AUGUSTA BOULEVARD
DECK SECTION & DETAILS

F.A.I. 90/94
SECTION 0404.2-2B-8R SN 016-0168 COOK COUNTY
STA. 0+547.442

MODEL: 67 (Sheet)
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

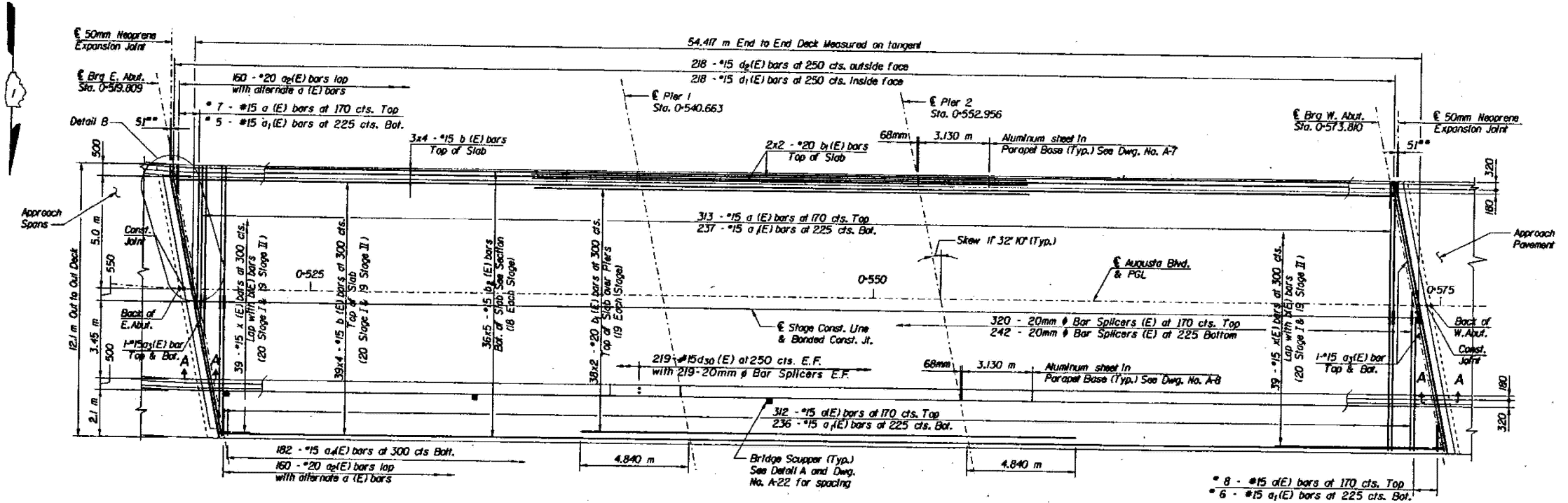
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 15: AUGUSTA BLVD OVER I-90/94 (SN 016-0168)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A002 OF 5 SHEETS STA. TO STA.

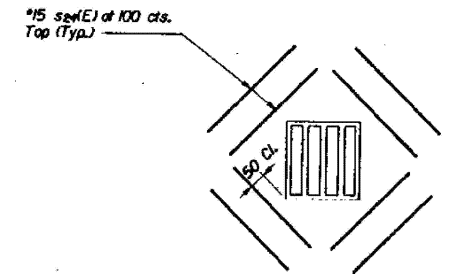
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	63
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

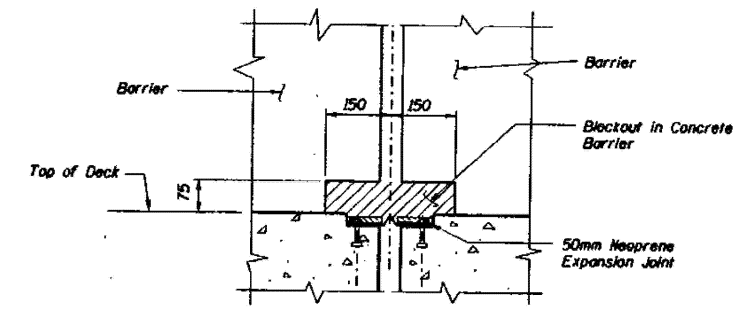


DECK PLAN

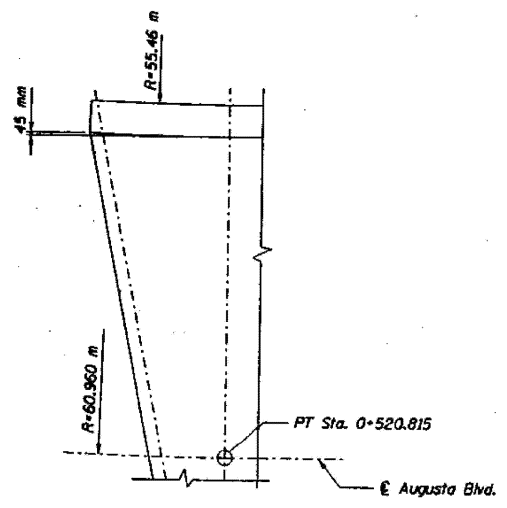
* Order a (E) & a (E) bars full length. Cut to fit skew and use remainder of bars opposite Stage Const. Line.
 ** At 10°C.



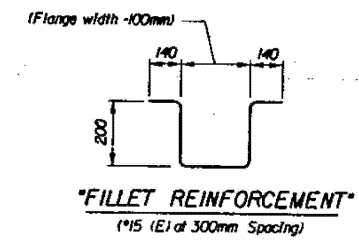
DETAIL A
Typical Scupper Reinf.



SECTION A-A
Space Reinforcing to Clear Blockout



DETAIL B



"FILLET REINFORCEMENT"
(#15 (E) at 300mm Spacing)

AUGUSTA BOULEVARD
DECK SLAB PLAN

F.A.I. 90/94
SECTION 0404.2-2B-BR

SN 016-0168

COOK COUNTY
STA. 0+547.442

MODEL: 68 (Sheet)
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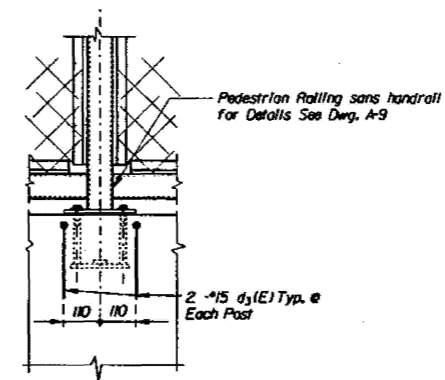
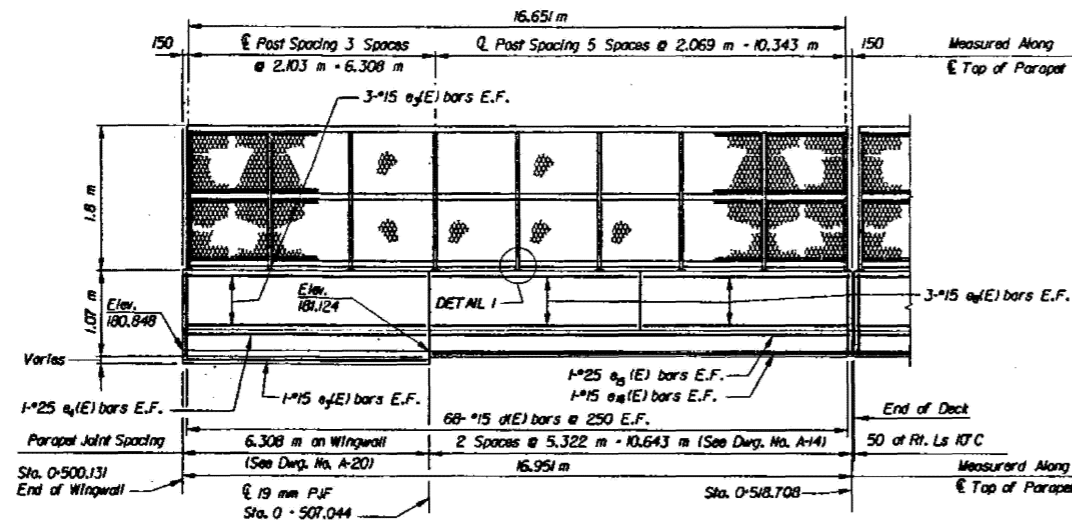
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 15: AUGUSTA BLVD OVER I-90/94 (SN 016-0168)
EXISTING STRUCTURE DETAILS

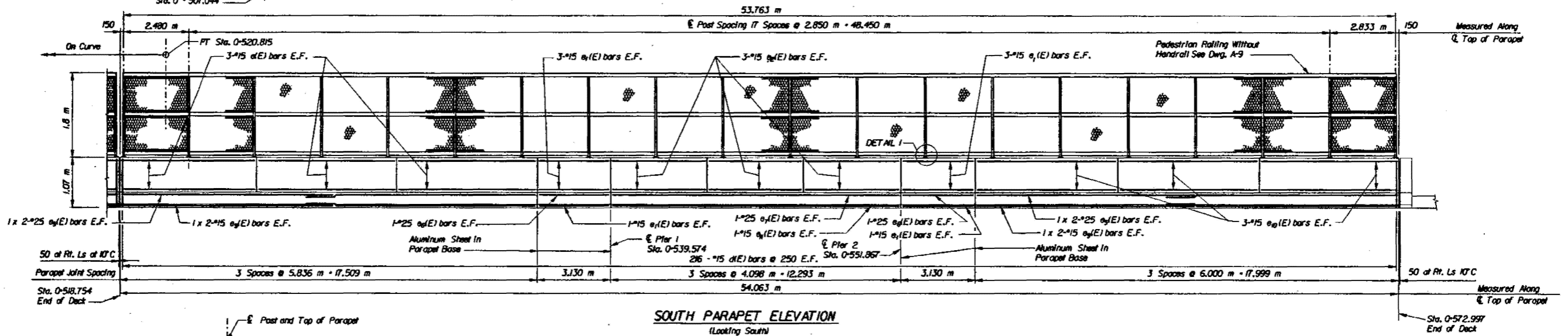
SCALE: SHEET A003 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	64
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

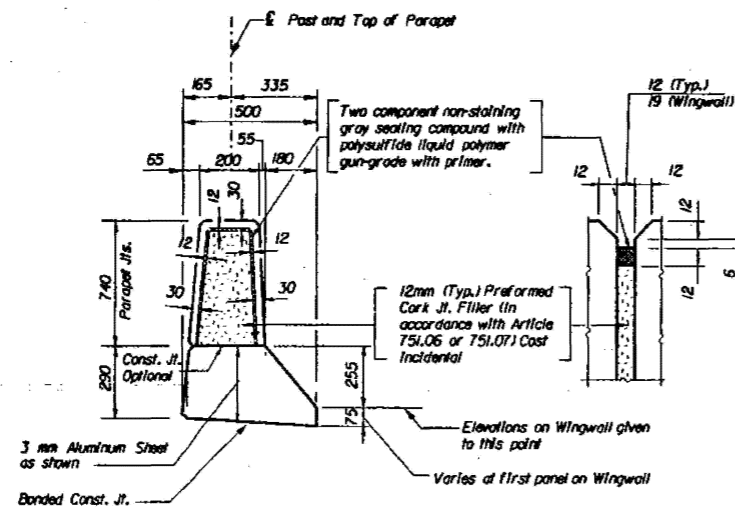
FOR INFORMATION ONLY



DETAIL I



SOUTH PARAPET ELEVATION
(Looking South)



PARAPET EXPANSION
JOINT DETAIL

AUGUSTA BOULEVARD
SOUTH PARAPET ELEVATION AND DETAILS
F.A.I. 90/94 SECTION 0404.2-2B-BR SN 016-0168 COOK COUNTY STA. 0-547.442

MODEL: 59 (Sheet)
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PLOT DATE = 12/4/2025	DATE -	REVISED -

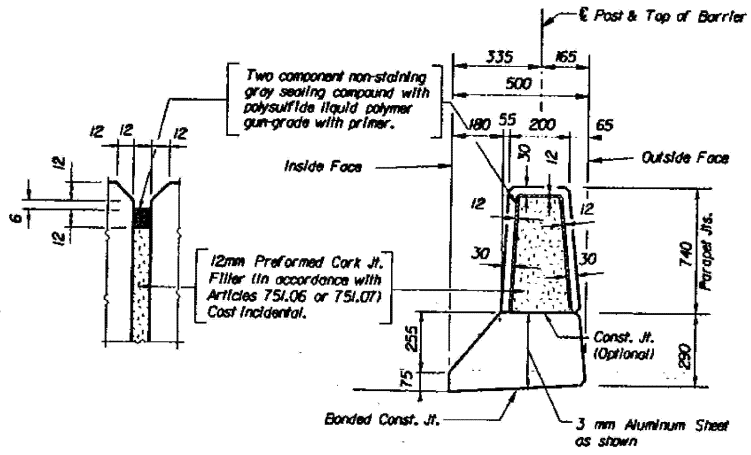
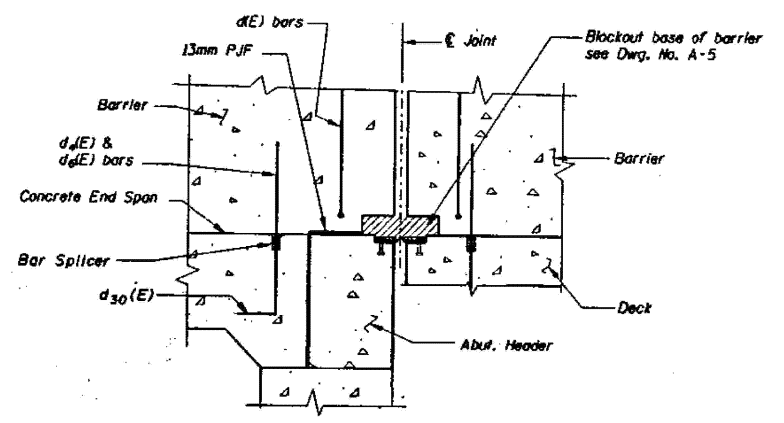
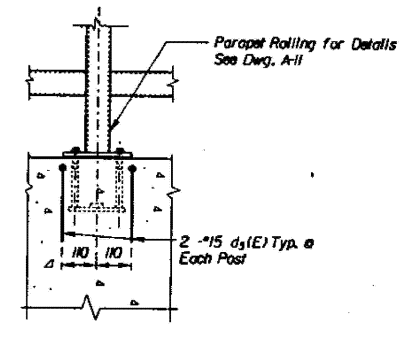
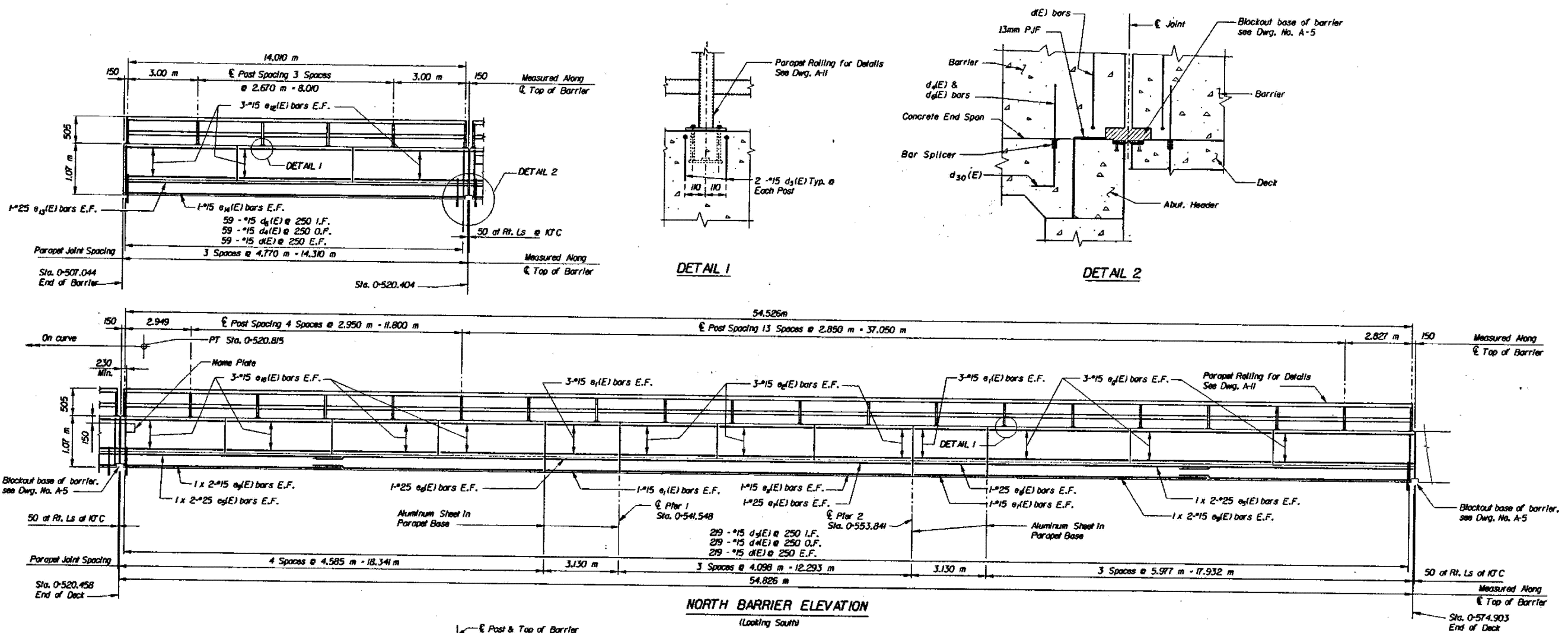
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 15: AUGUSTA BLVD OVER I-90/94 (SN 016-0168)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	65
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



AUGUSTA BOULEVARD
NORTH BARRIER ELEVATION AND DETAILS
 F.A.I. 90/94 SECTION 0404.2-2B-BR SN 016-0168 COOK COUNTY STA. 0+547.442

MODEL: 60 (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

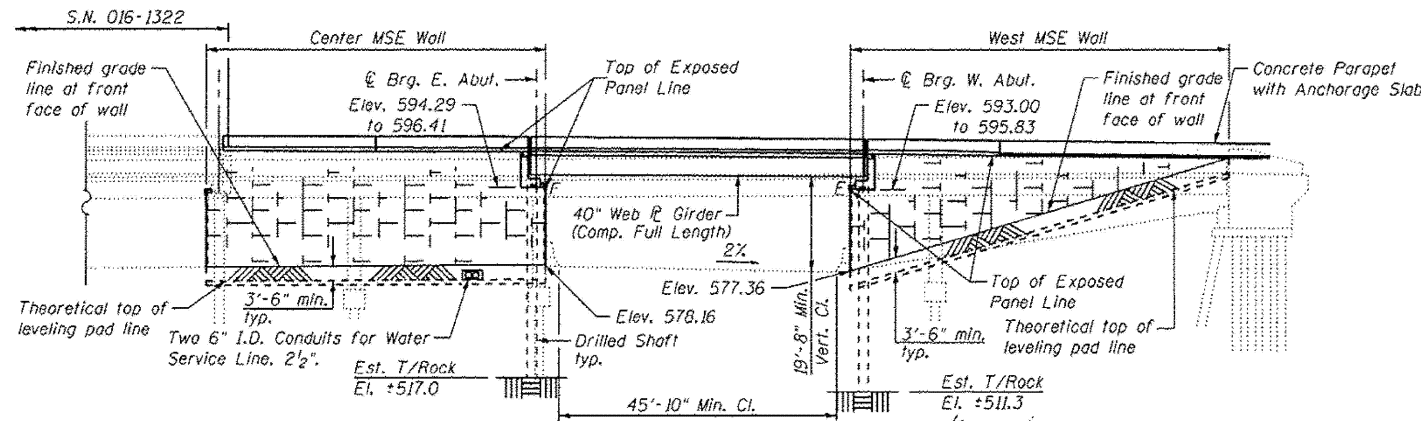
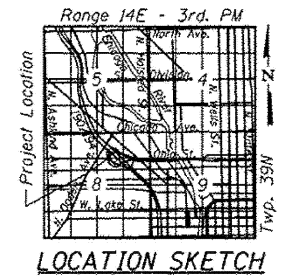
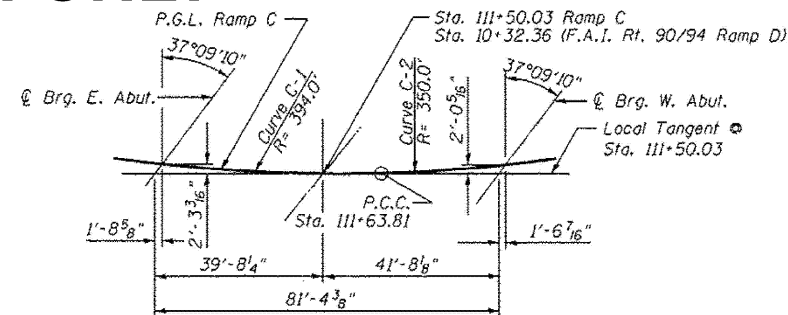
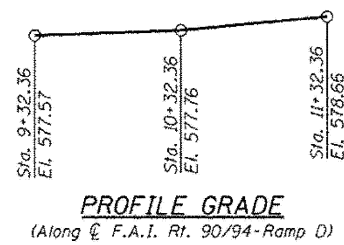
LOCATION 15: AUGUSTA BLVD OVER I-90/94 (SN 016-0168)
 EXISTING STRUCTURE DETAILS

SCALE: SHEET A005 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	66
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

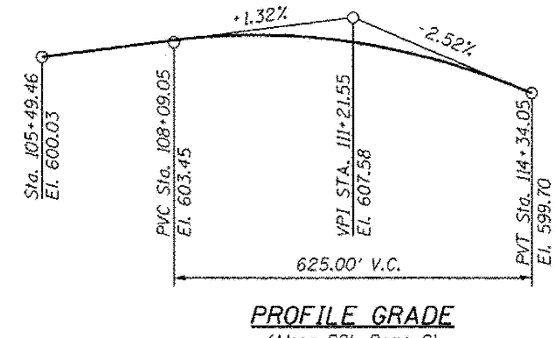
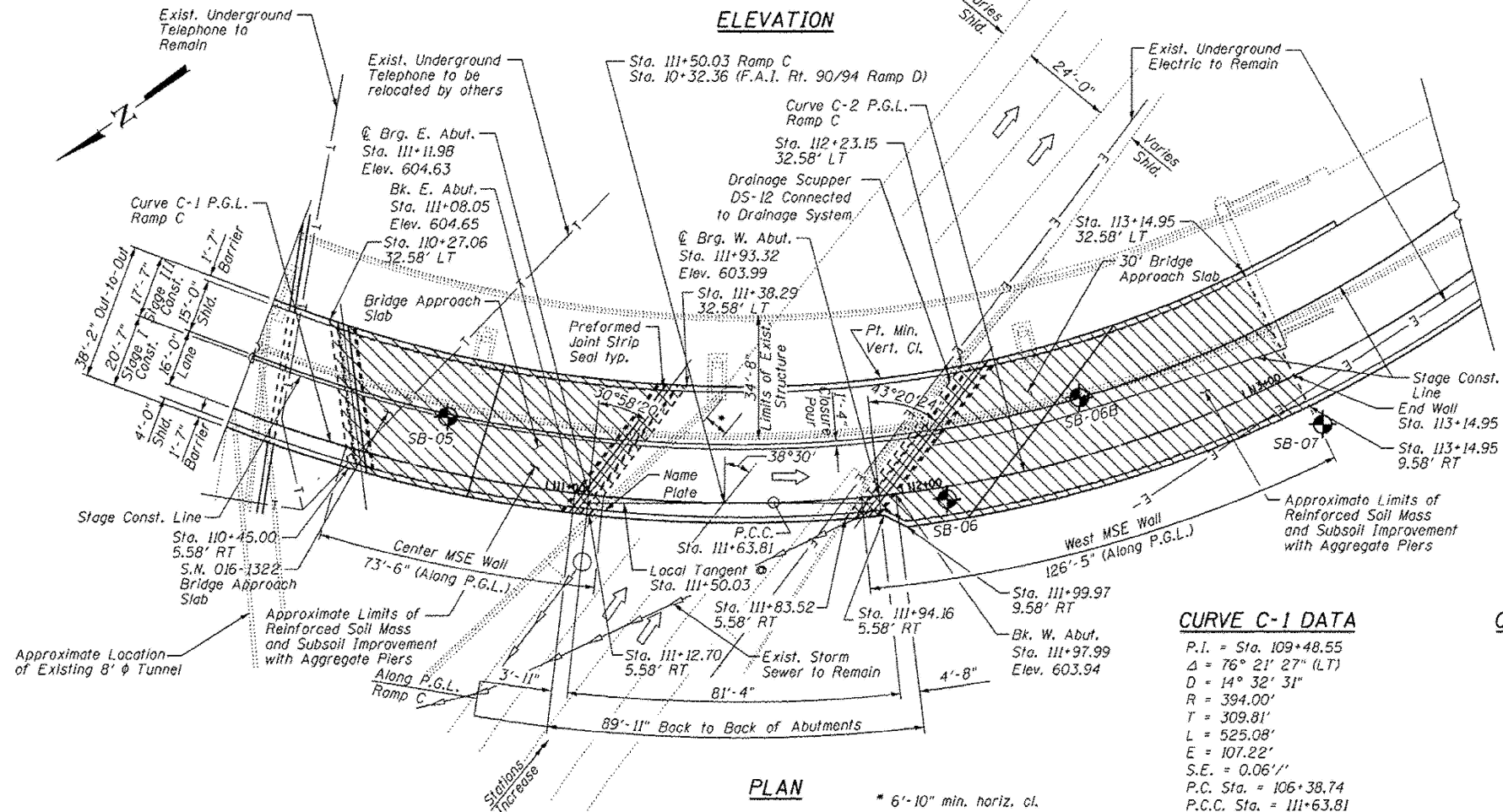
FOR INFORMATION ONLY

Existing Structure: S.N. 016-1003 was originally built in 1959 as F.A.I. Route 94, Section 0303-477-HB and rehabilitated in 1994. The existing structure consists of 8-span cast-in-place concrete curved box girders supported on stub abutments on pile supported footings and single-column rectangular piers (monolithic with the box girder structure). The back to back of abutments measures 637'-0" and the out-to-out of deck is 34'-8". The structure is to be removed and replaced with a three span bridge (S.N. 016-1322), a single span bridge (S.N. 016-1323) and three MSE walls. Traffic is to be maintained utilizing stage construction. Temporary detour of Ramp D will be utilized during the setting of beams.



STATION 111+50.03
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 0383 SEC. 0303-474HB-R
LOADING HL-93
STR. NO. 016-1323

NAME PLATE
(See Std. 515001)



CURVE C-1 DATA
P.I. = Sta. 109+48.55
Δ = 76° 21' 27" (LT)
D = 14° 32' 31"
R = 394.00'
T = 309.81'
L = 525.08'
E = 107.22'
S.E. = 0.06''
P.C. Sta. = 106+38.74
P.C.C. Sta. = 111+63.81

CURVE C-2 DATA
P.I. = Sta. 118+82.33
Δ = 128° 03' 26" (LT)
D = 16° 22' 13"
R = 350.00'
T = 718.52'
L = 782.26'
E = 449.23'
S.E. = 0.06''
P.C. Sta. = 111+63.81
P.T. Sta. = 119+46.07

GENERAL PLAN AND ELEVATION
ONTARIO STREET OVER F.A.I. RT. 90/94 RAMP D
F.A.P. RT. 0383 - SEC. 0303-474HB-R
COOK COUNTY
STATION 111+50.03
STRUCTURE NO. 016-1323

MODEL: 65 (Sheet)
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	DRAWN -	REVISD -
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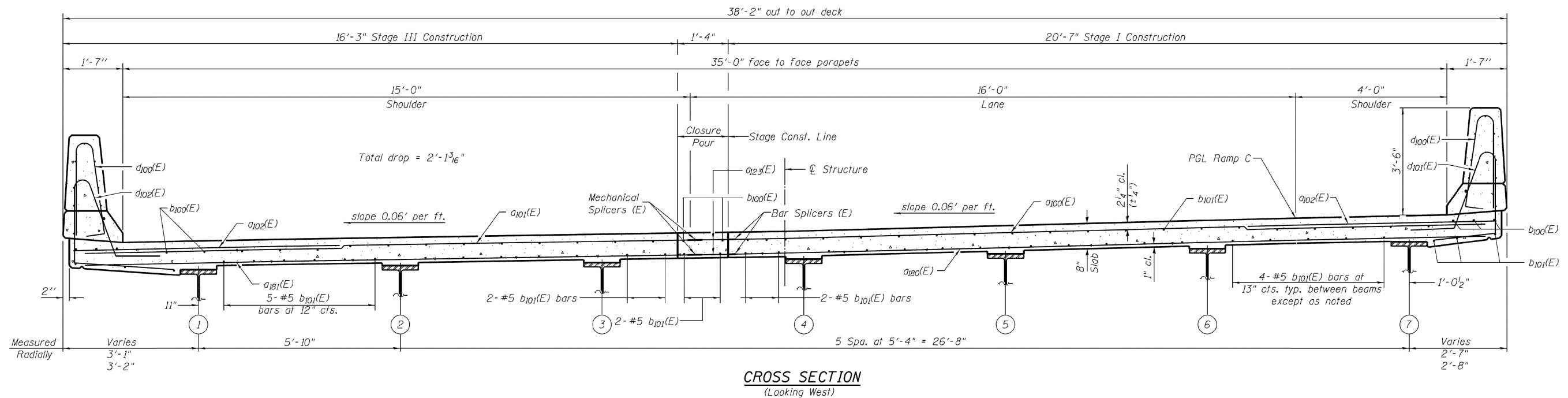
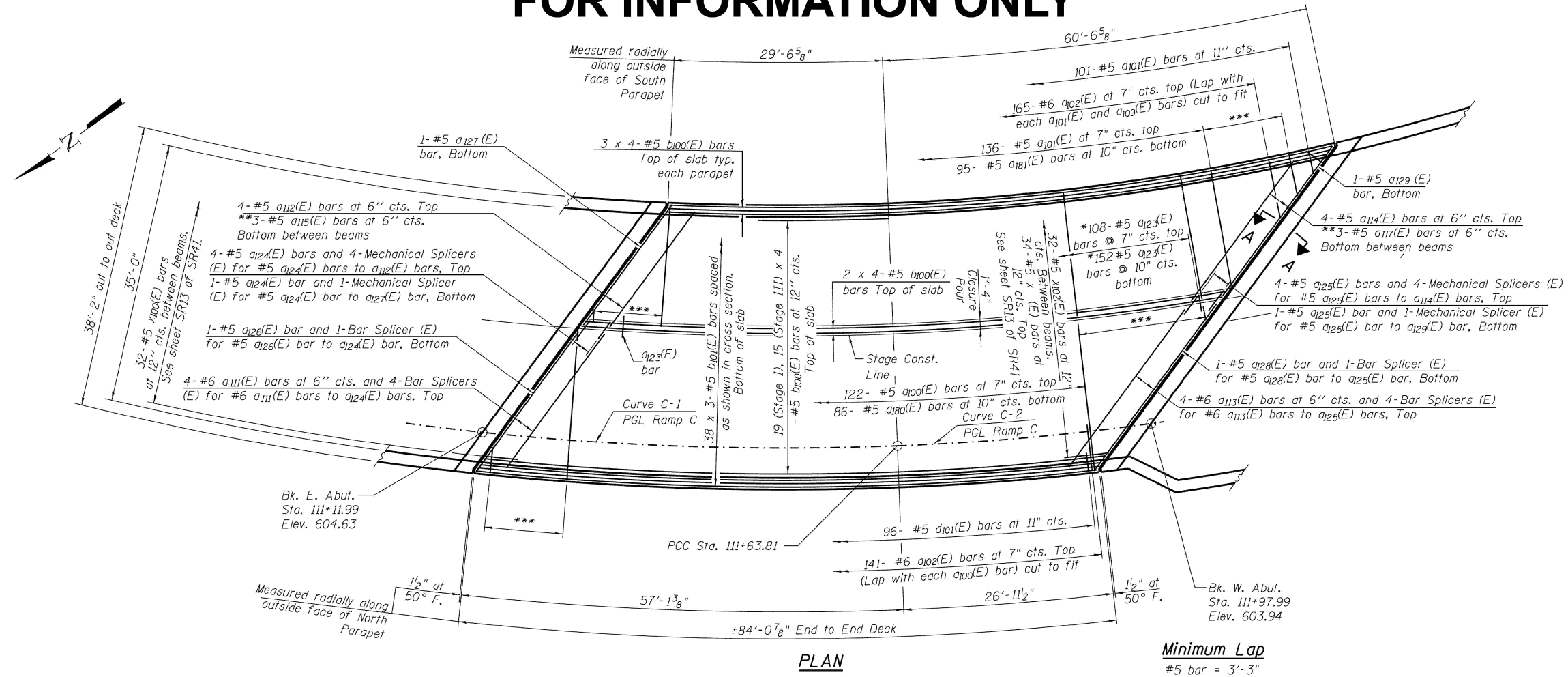
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 16: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1323)
EXISTING STRUCTURE DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	67
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET A001 OF 4 SHEETS STA. TO STA.

FOR INFORMATION ONLY



SUPERSTRUCTURE
STRUCTURE NO. 016-1323

MODEL: 68 (Sheet)
FILE NAME: c:\pwworking\oldiazad\11677701D\102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

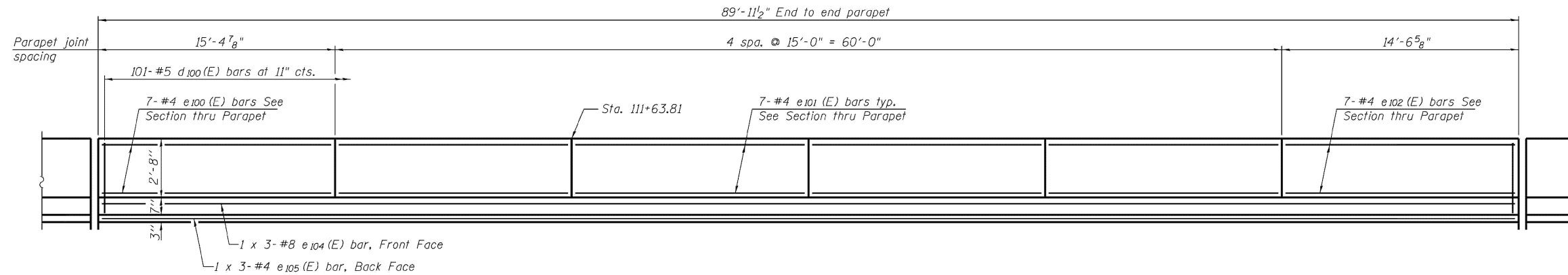
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 16: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1323)
EXISTING STRUCTURE DETAILS

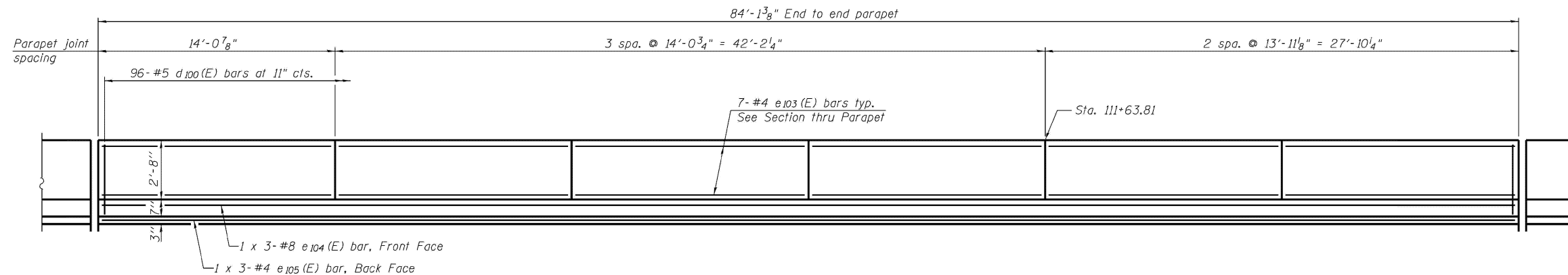
SCALE: SHEET A002 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	68
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



INSIDE ELEVATION OF SOUTH PARAPET
 (Looking South)



INSIDE ELEVATION OF NORTH PARAPET
 (Looking South)

SUPERSTRUCTURE PARAPET ELEVATIONS
STRUCTURE NO. 016-1323

MODEL: 67 (Sheet)
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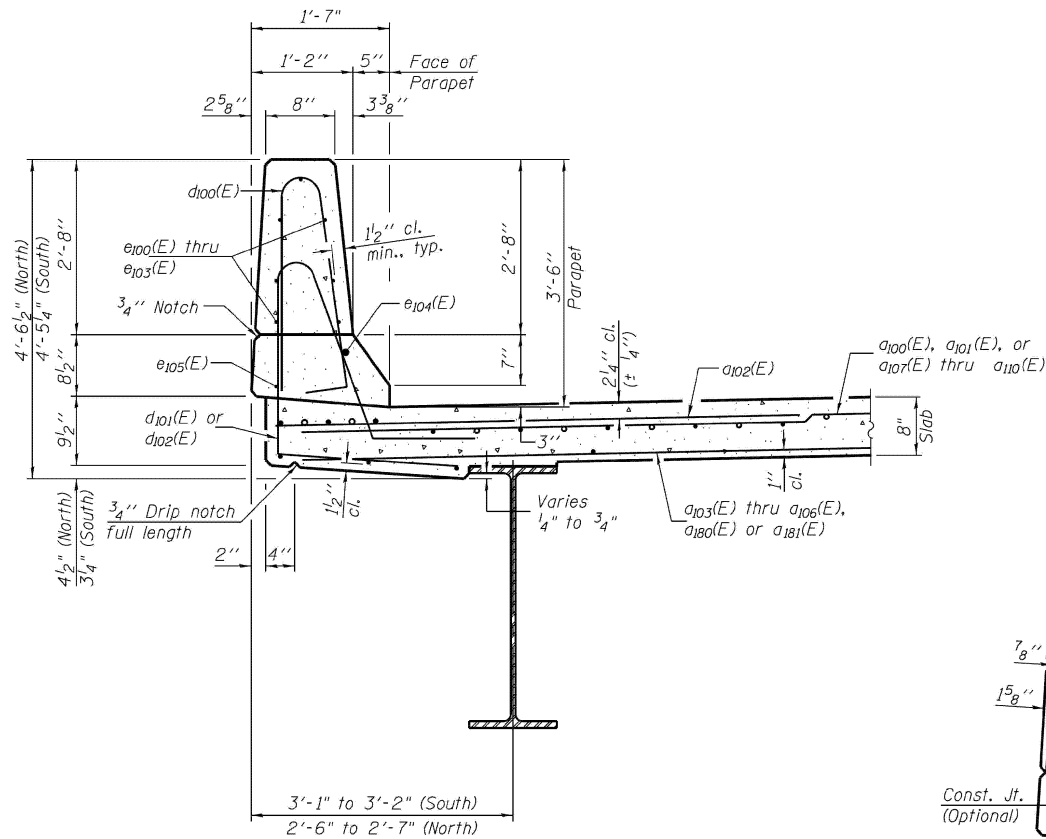
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 16: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1323)
EXISTING STRUCTURE DETAILS

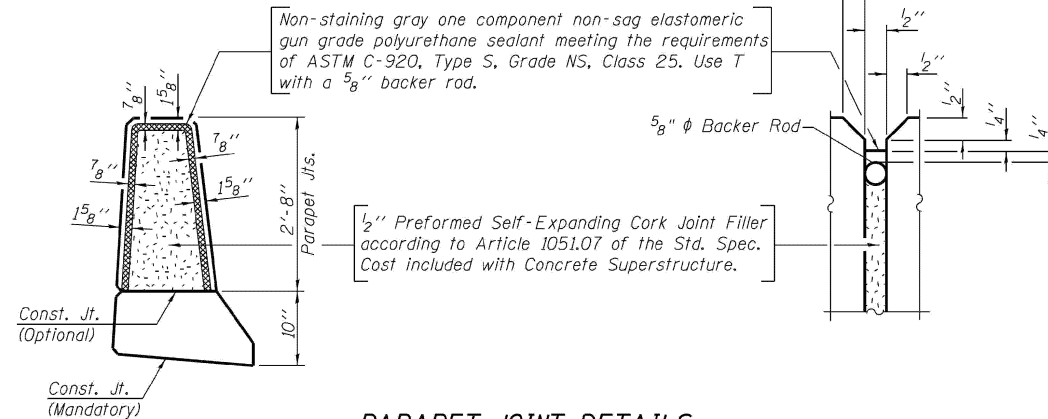
SCALE: SHEET A003 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	69
			CONTRACT NO. 62X44	
		ILLINOIS	FED. AID PROJECT	

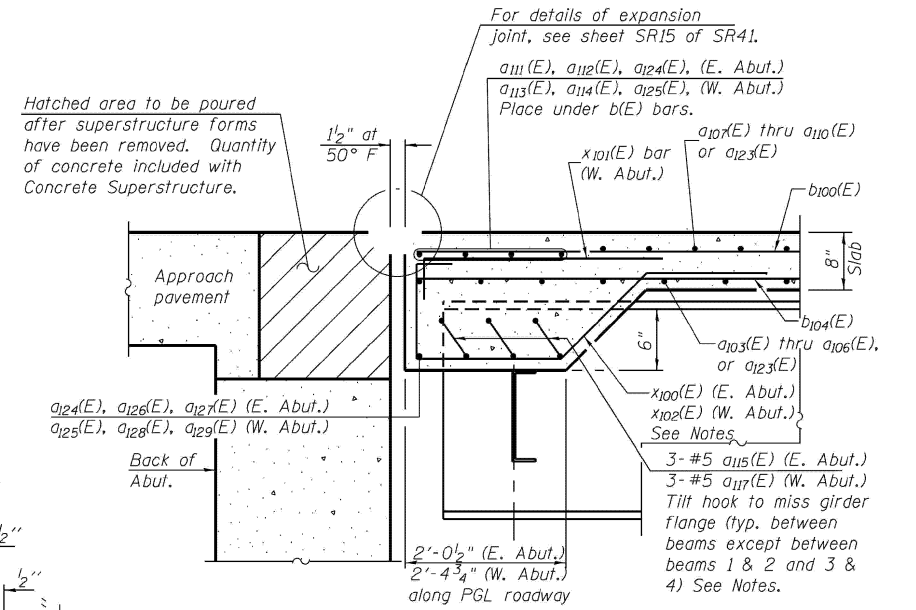
FOR INFORMATION ONLY



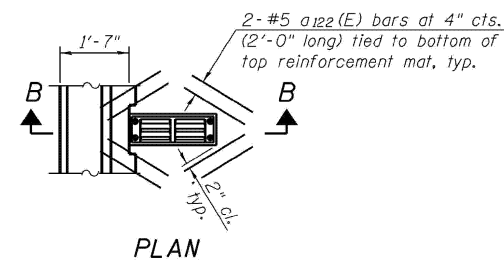
SECTION THRU PARAPET



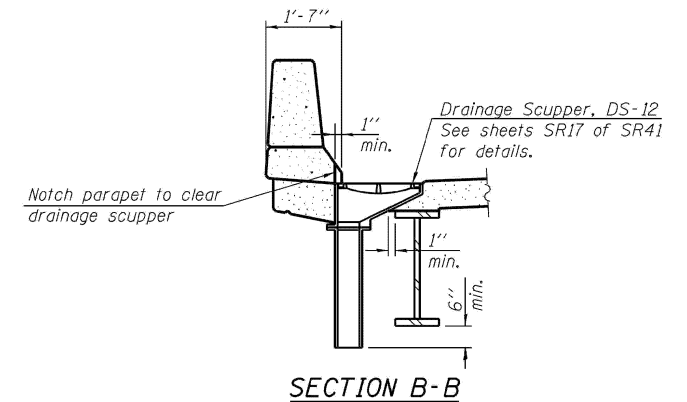
PARAPET JOINT DETAILS



SECTION A-A



Note:
Cut longitudinal reinforcement to clear drainage scupper.



SECTION B-B

MODEL: 68 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

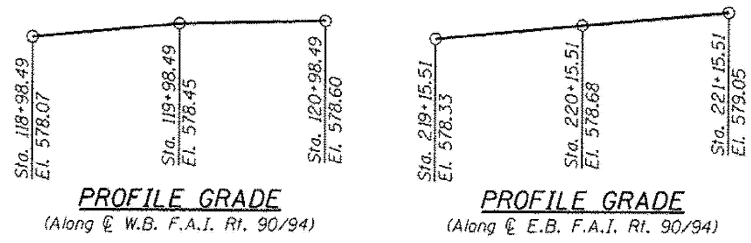
**LOCATION 16: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1323)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A004 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	70
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

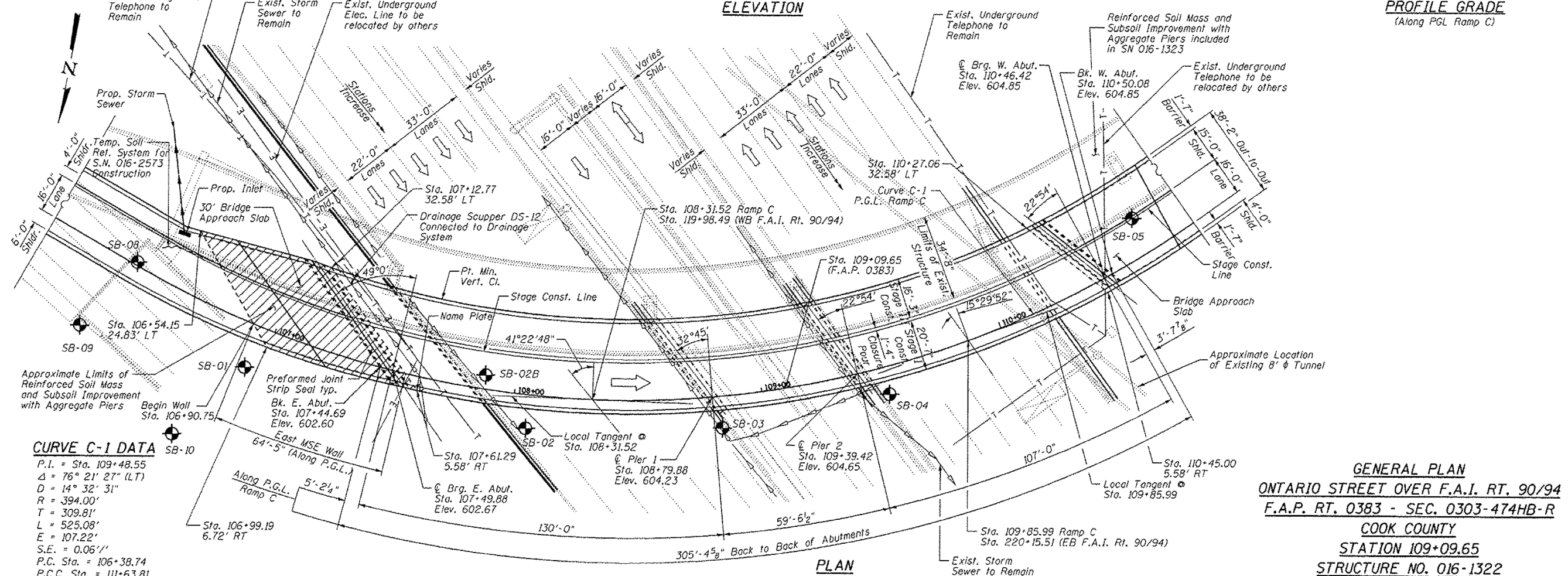
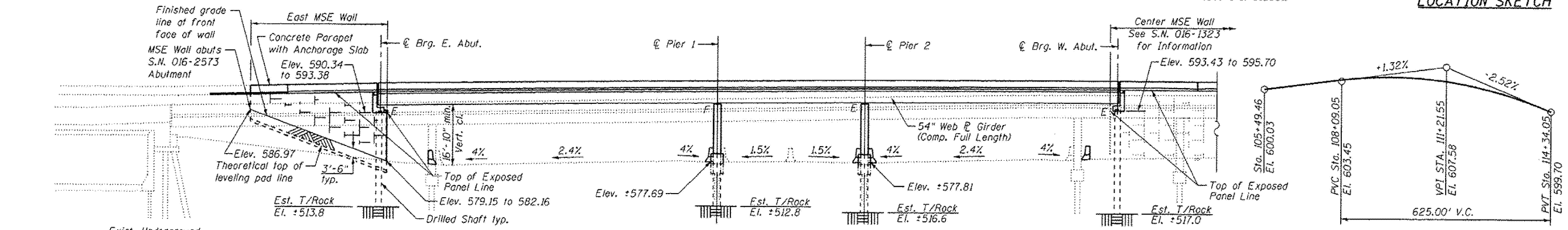
FOR INFORMATION ONLY

Existing Structure: S.N. 016-1003 was originally built in 1959 as F.A.I. Route 94, Section 0303-477-HB and rehabilitated in 1994. The existing structure consists of 8-span cast-in-place concrete curved box girders supported on stub abutments on pile supported footings and single-column rectangular piers (monolithic with the box girder structure). The back to back of abutments measures 637'-0.3" and the out-to-out of deck is 34'-8". The structure is to be removed and replaced with a three span bridge (S.N. 016-1322), a single span bridge (S.N. 016-1323) and three MSE walls. Traffic is to be maintained utilizing stage construction. Temporary detour of I-90/94 will be utilized during setting of beams.



STATION 109+09.65
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 0383 SEC. 0303-474HB-R
LOADING HL-93
STR. NO. 016-1322

NAME PLATE
(See Std. 515001)



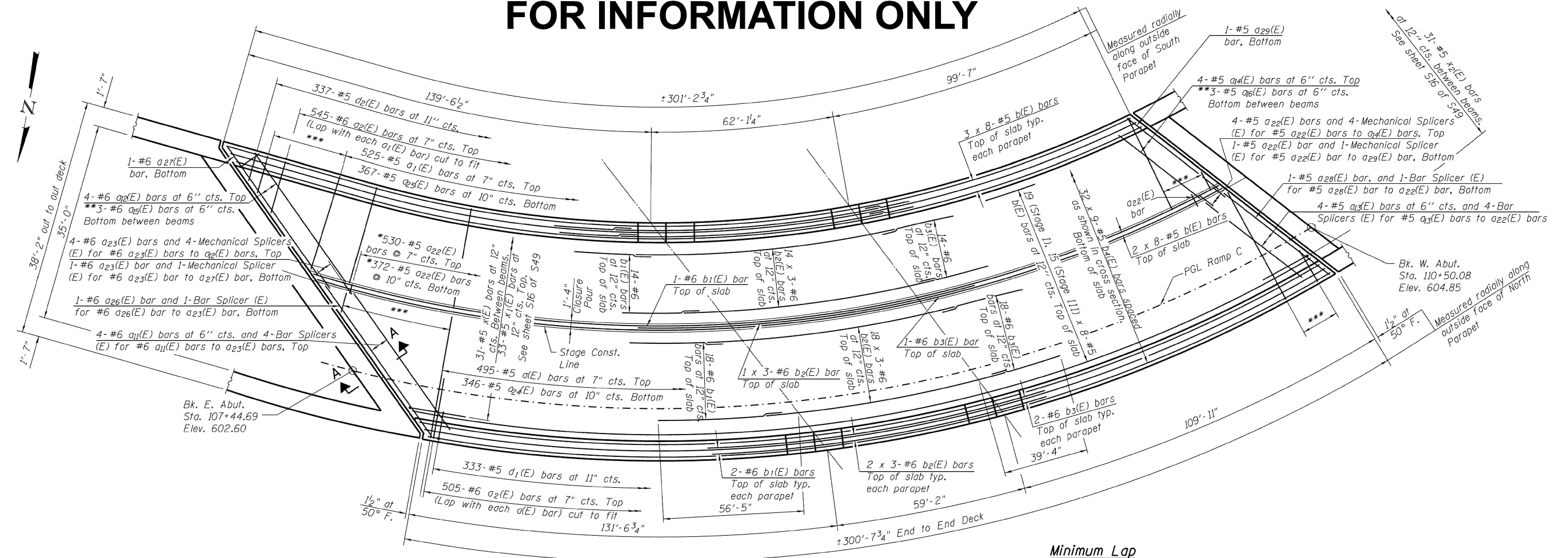
CURVE C-1 DATA
P.I. = Sta. 109+48.55
Δ = 76° 21' 27" (LT)
D = 14° 32' 31"
R = 394.00'
T = 309.81'
L = 525.08'
E = 107.22'
S.E. = 0.06'/'
P.C. Sta. = 106+38.74
P.C.C. Sta. = 111+63.81

GENERAL PLAN
ONTARIO STREET OVER F.A.I. RT. 90/94
F.A.P. RT. 0383 - SEC. 0303-474HB-R
COOK COUNTY
STATION 109+09.65
STRUCTURE NO. 016-1322

MODEL: 61 (Sheet) FILE NAME: c:\pwworking\tdiaz\11677701\102925-shr-details.dgn

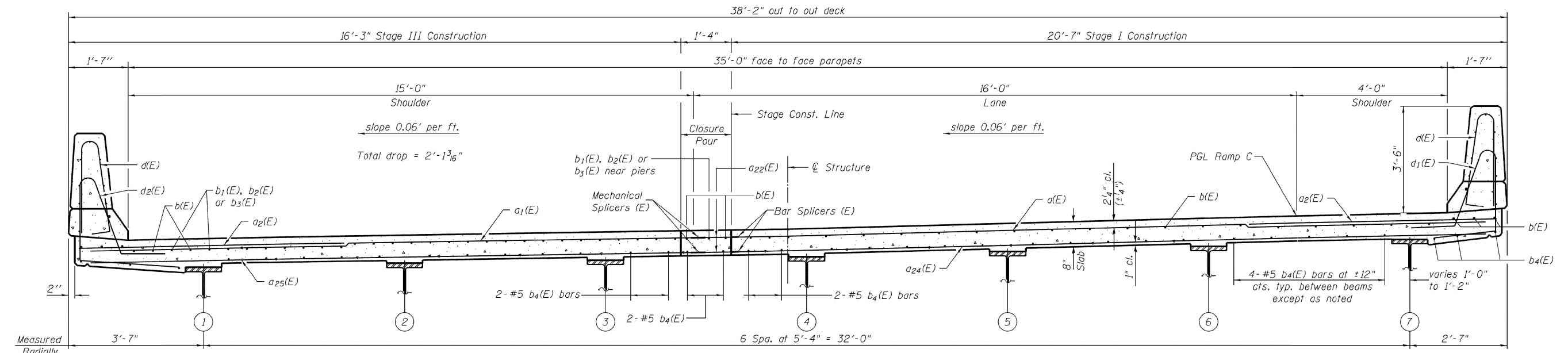
USER NAME = ivan.diaz	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 17: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1322)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISD -				VAR.	2024-1009-BDS	COOK	192	71	
	CHECKED -	REVISD -				CONTRACT NO. 62X44					
PLOT DATE = 12/4/2025	DATE -	REVISD -				SCALE: SHEET A001 OF 4 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY



PLAN

Minimum Lap
 #5 bar = 3'-3"
 #6 bar = 3'-10"



NEAR PIER

CROSS SECTION
(Looking West)

NEAR MIDSPAN

MODEL: 62 (Sheet)
 FILE NAME: c:\pwworking\tdiazad11677701D\102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISD -
	DRAWN -	REVISD -
	CHECKED -	REVISD -
PLOT DATE = 12/4/2025	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

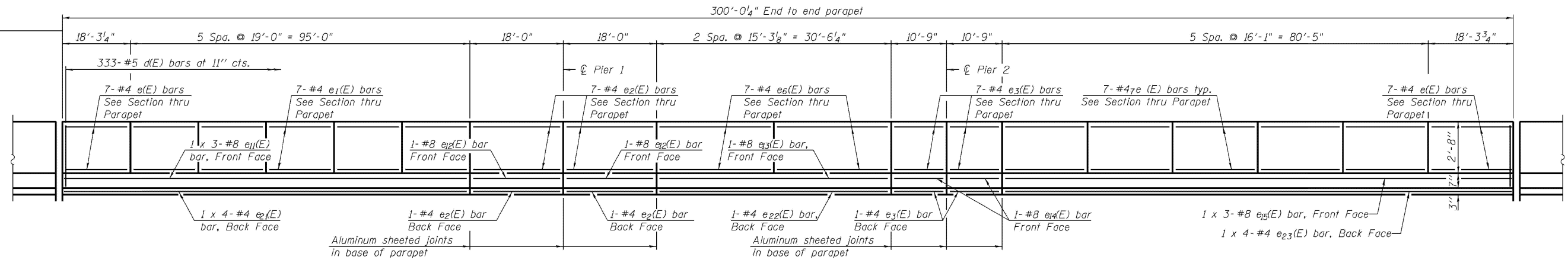
LOCATION 17: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1322)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A002 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	72
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

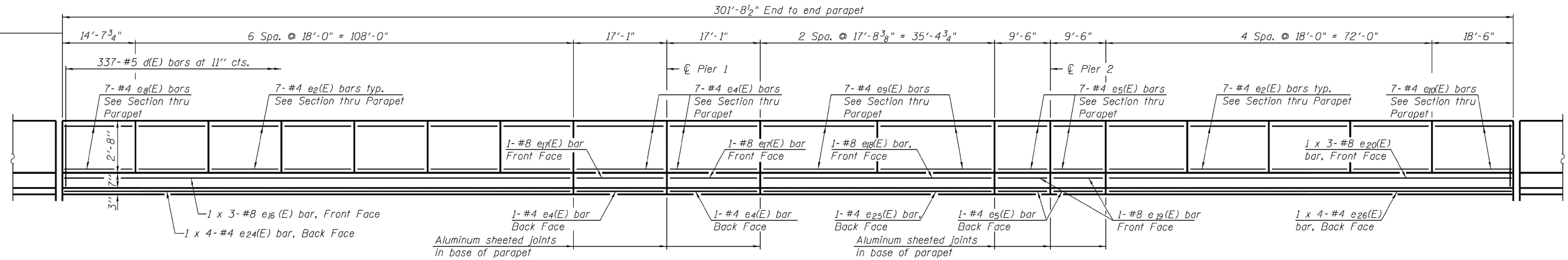
Measured On Curve Along
Inside Face of North Parapet



INSIDE ELEVATION OF NORTH PARAPET

(Looking South)
Dimensions given along inside face of parapet

Measured On Curve Along
Inside Face of South Parapet



INSIDE ELEVATION OF SOUTH PARAPET

(Looking South)
Dimensions given along inside face of parapet

MODEL: 63 (Sheet)
FILE NAME: c:\p\work\102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

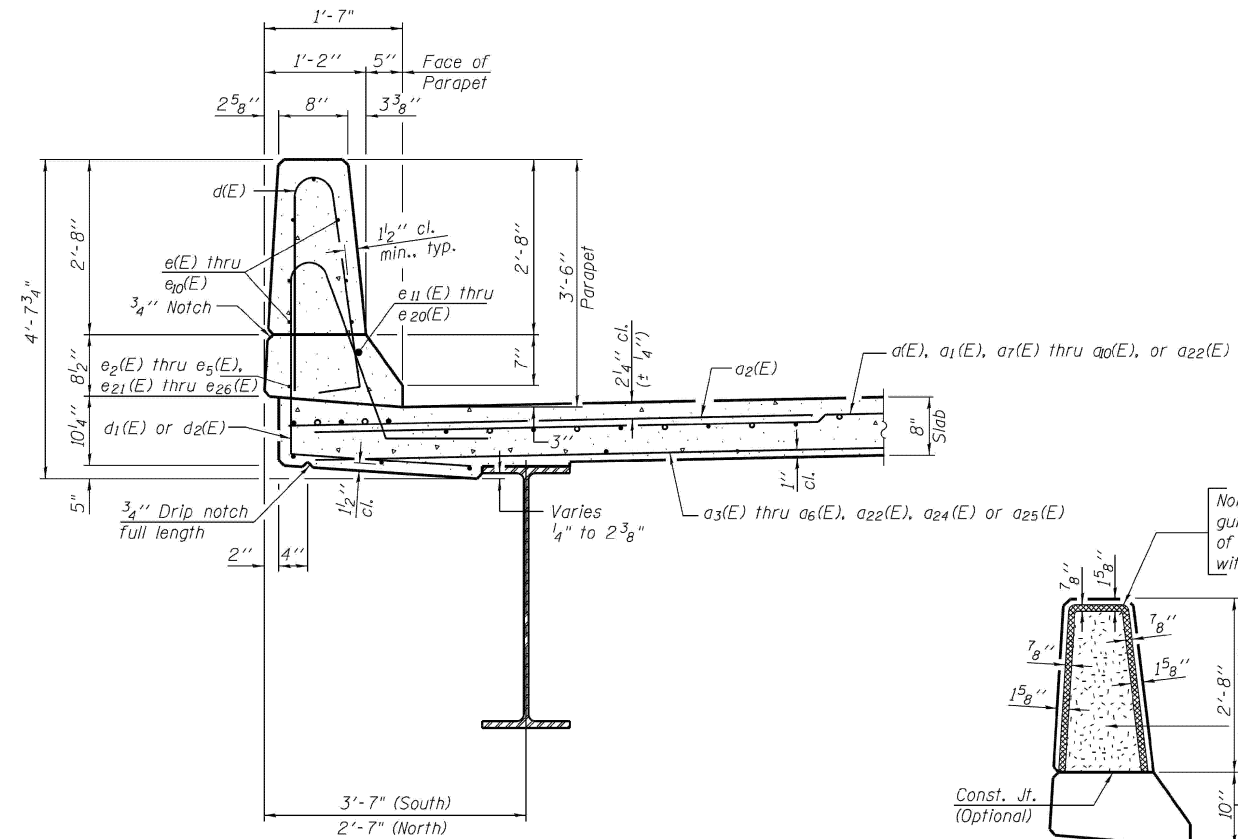
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 17: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1322)
EXISTING STRUCTURE DETAILS

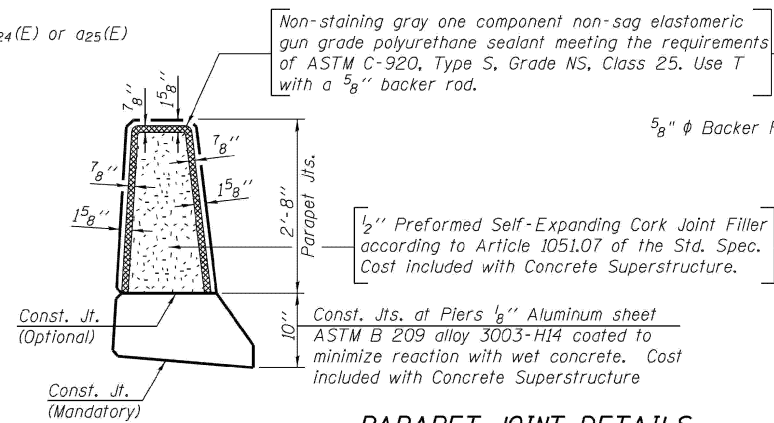
SCALE: SHEET A003 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	73
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

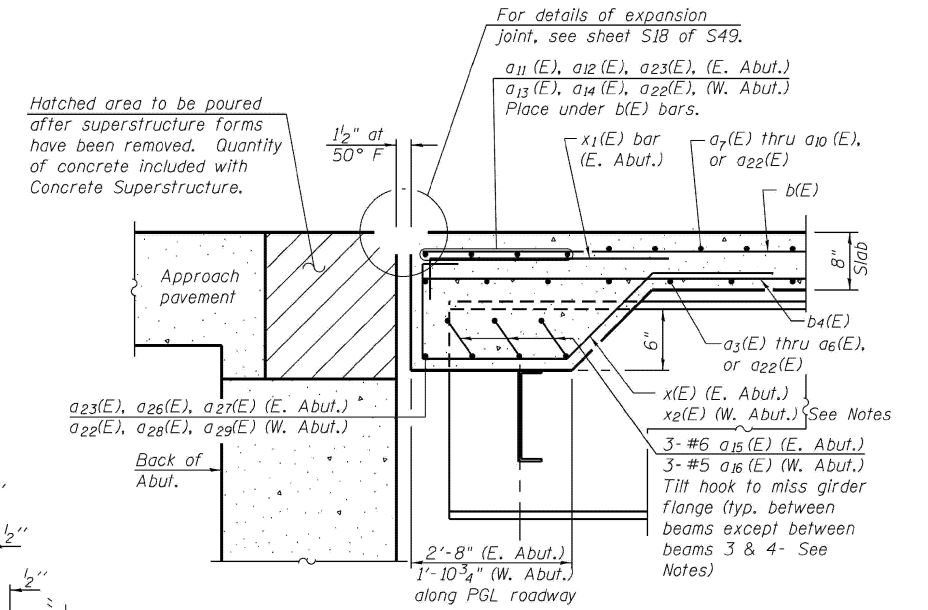
FOR INFORMATION ONLY



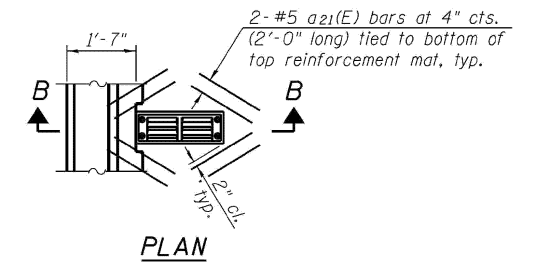
SECTION THRU PARAPET



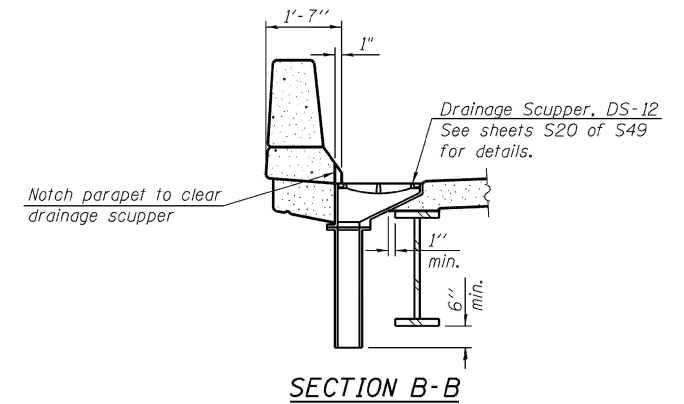
PARAPET JOINT DETAILS



SECTION A-A



Note:
Cut longitudinal reinforcement to clear drainage scupper.



SECTION B-B

MODEL: 64 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

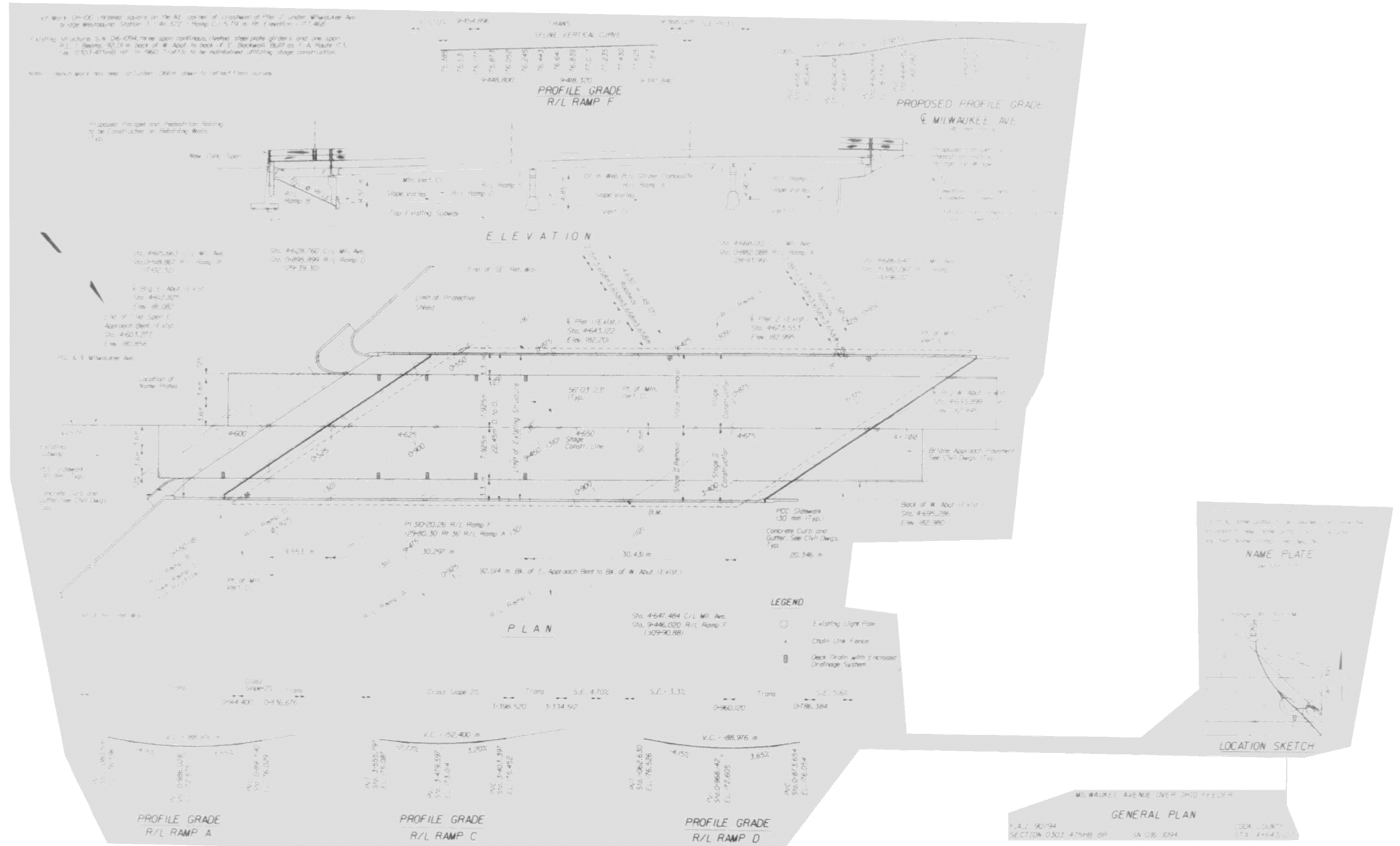
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 17: OHIO ST WB RAMP TO I-90/94 EB OVER I-90/94 (SN 016-1322)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	74
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



MODEL: 69 (Sheet)
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USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

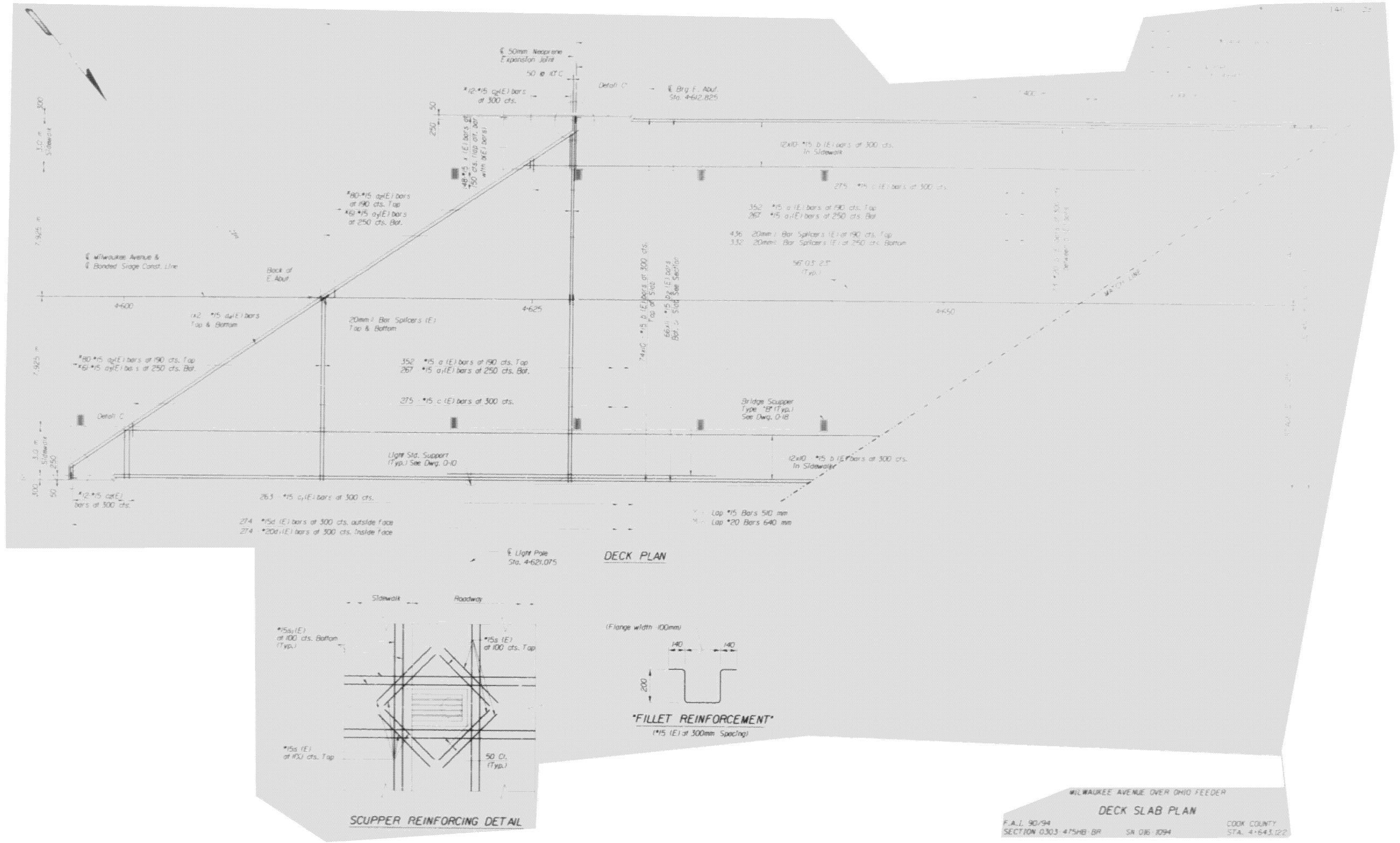
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 18: MILWAUKEE AVE OVER I-90/94 OHIO FEEFER (SN 016-1094)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A001 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	75
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



MODEL: 71 (Sheet)
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PLOT DATE = 12/4/2025	DATE -	REVISED -

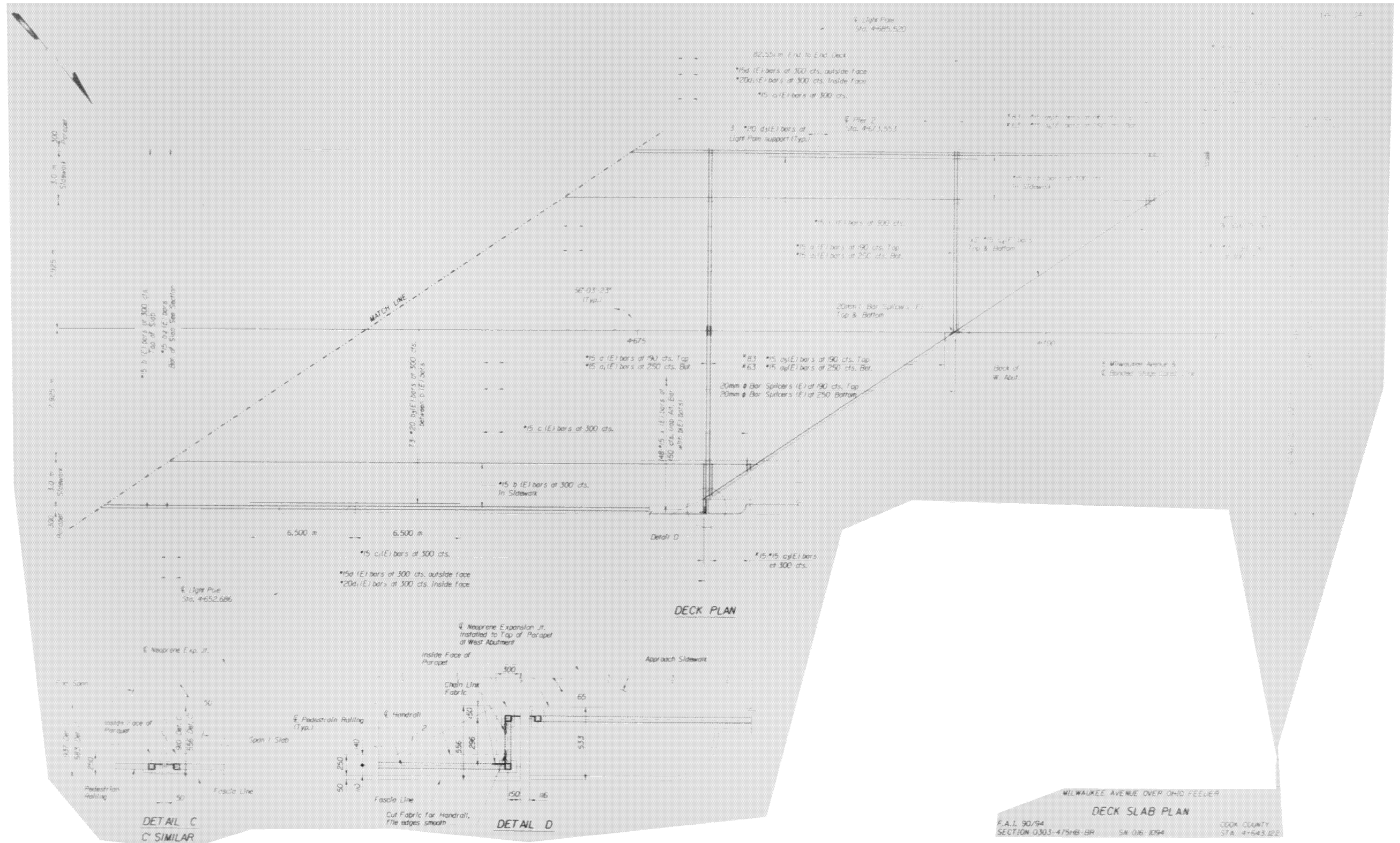
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 18: MILWAUKEE AVE OVER I-90/94 OHIO FEEFER (SN 016-1094)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A003 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	77
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



MODEL: 72 (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

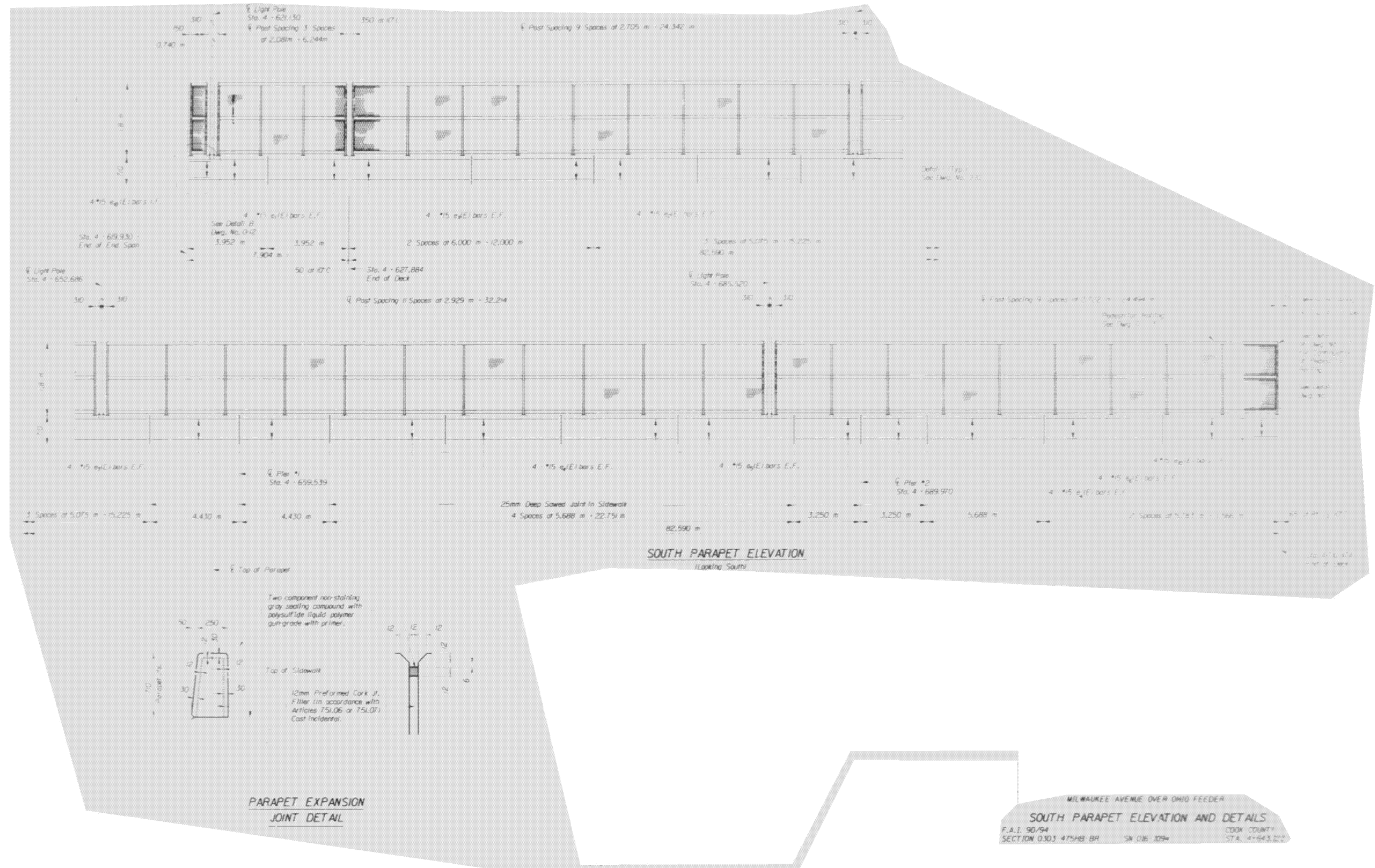
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 18: MILWAUKEE AVE OVER I-90/94 OHIO FEEFER (SN 016-1094)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	78
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



MODEL: 73 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

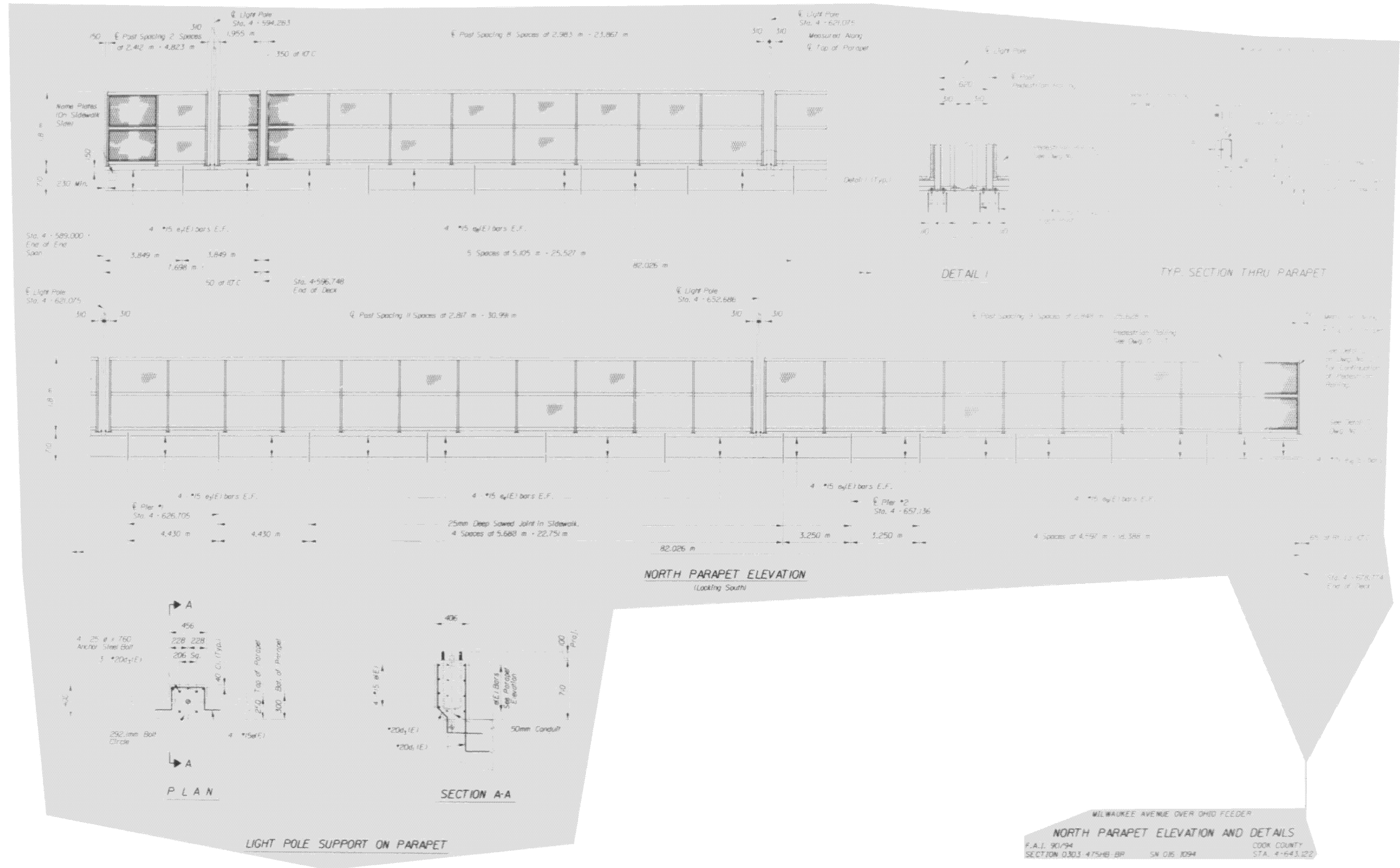
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 18: MILWAUKEE AVE OVER I-90/94 OHIO FEEFER (SN 016-1094)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A005 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	79
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



MILWAUKEE AVENUE OVER OHIO FEEDER
NORTH PARAPET ELEVATION AND DETAILS
 F.A.I. 9/1/19
 SECTION 0.303 475#1-BP SN 035 1094
 COOK COUNTY
 STA. 4+643.222

MODEL: 74 (Sheet)
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USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

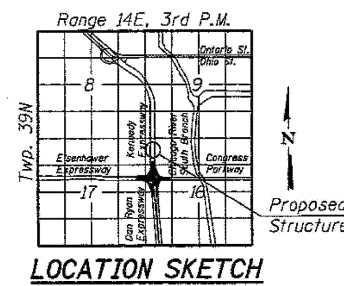
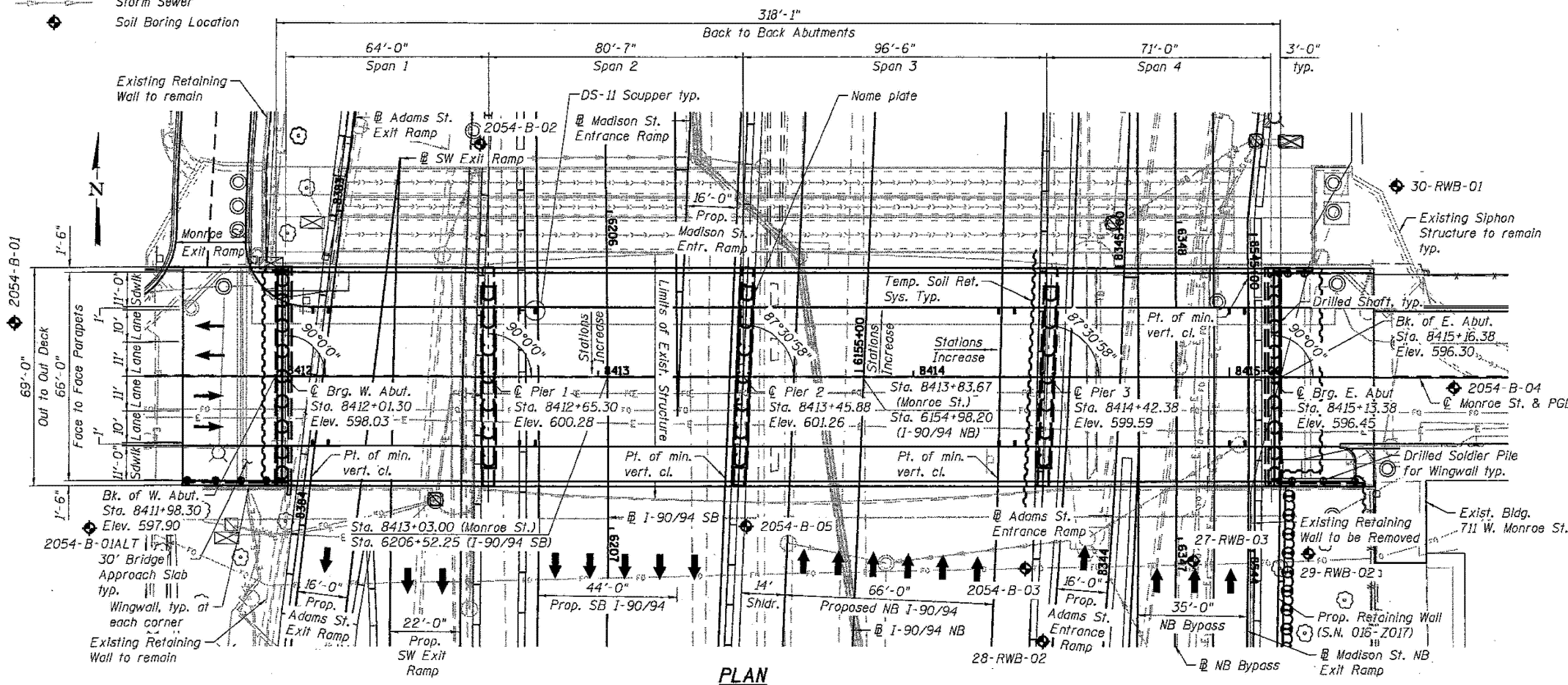
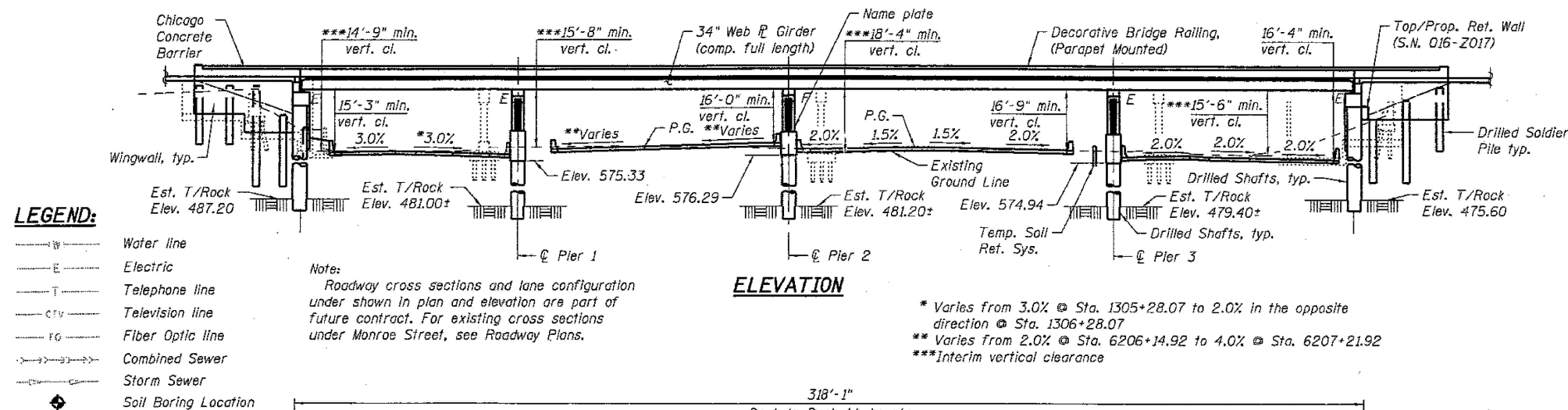
**LOCATION 18: MILWAUKEE AVE OVER I-90/94 OHIO FEEFER (SN 016-1094)
 EXISTING STRUCTURE DETAILS**

SCALE: SHEET A006 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	80
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Structure:
 S.N. 016-2054 was originally built as F.A. Route 173, Section S-0101.2-4B in 1955. The existing structure is a four-span bridge with a reinf. concrete deck supported on W36 beams. The existing structure has an overall length of 341'-2" with span lengths 67'-6", 2 @ 100'-6" and 67'-6" and an out to out deck width 71'-7", carrying four traffic lanes. The existing substructure consists of stub-abutments and multi-column piers founded on timber piles.

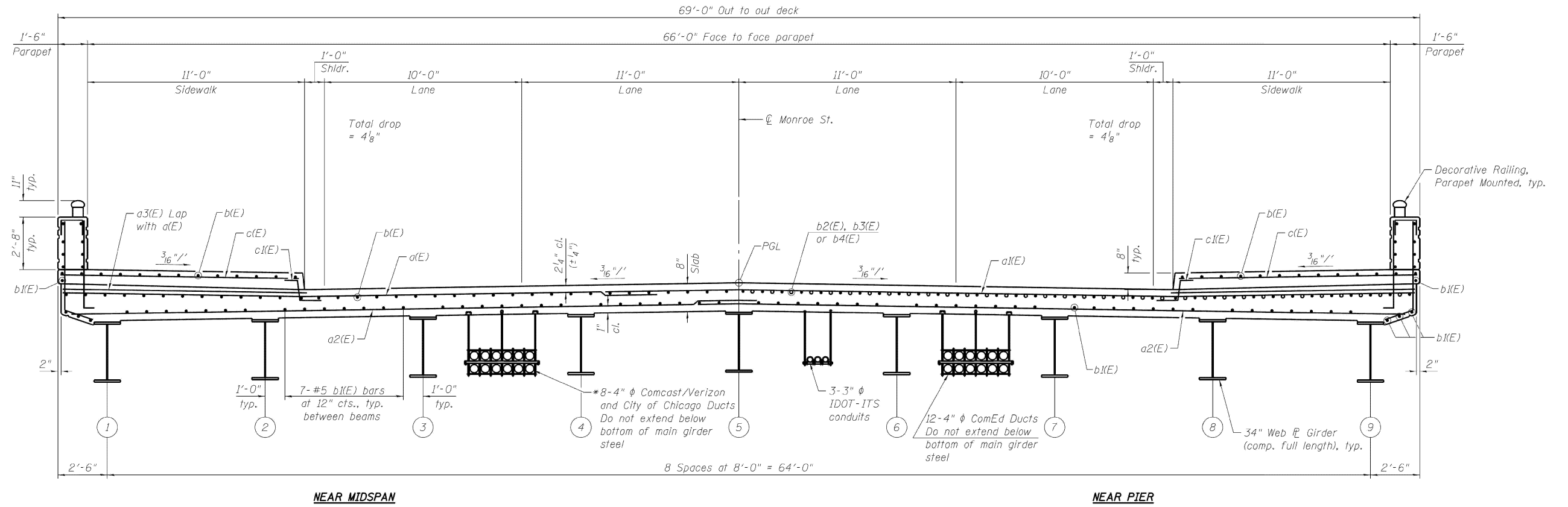


**GENERAL PLAN & ELEVATION
 MONROE ST. OVER I-90/94
 (KENNEDY EXPRESSWAY)
 F.A.U. ROUTE 1420
 SECTION 2014-016R&B
 COOK COUNTY
 STATION 8413+45.88
 STRUCTURE NO. 016-1700**

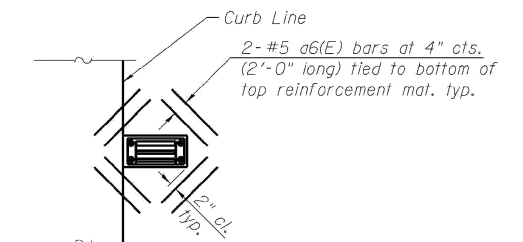
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USER NAME = Ivan.diaz	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 19: MONROE ST OVER I-90/94 (SN 016-1700) EXISTING STRUCTURE DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET A001	OF 5 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	
	CHECKED -	REVISED -							COOK	192	81
PLOT DATE = 12/4/2025	DATE -	REVISED -							CONTRACT NO. 62X44		

FOR INFORMATION ONLY



CROSS SECTION
(Looking East)



SCUPPER PLAN

Note:
Cut longitudinal reinforcement to clear drainage scuppers.

SUPERSTRUCTURE DETAILS I
STRUCTURE NO. 016-1700

MODEL: 76 (Sheet)
FILE NAME: c:\p\work\1677701D\102925-shr-details.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

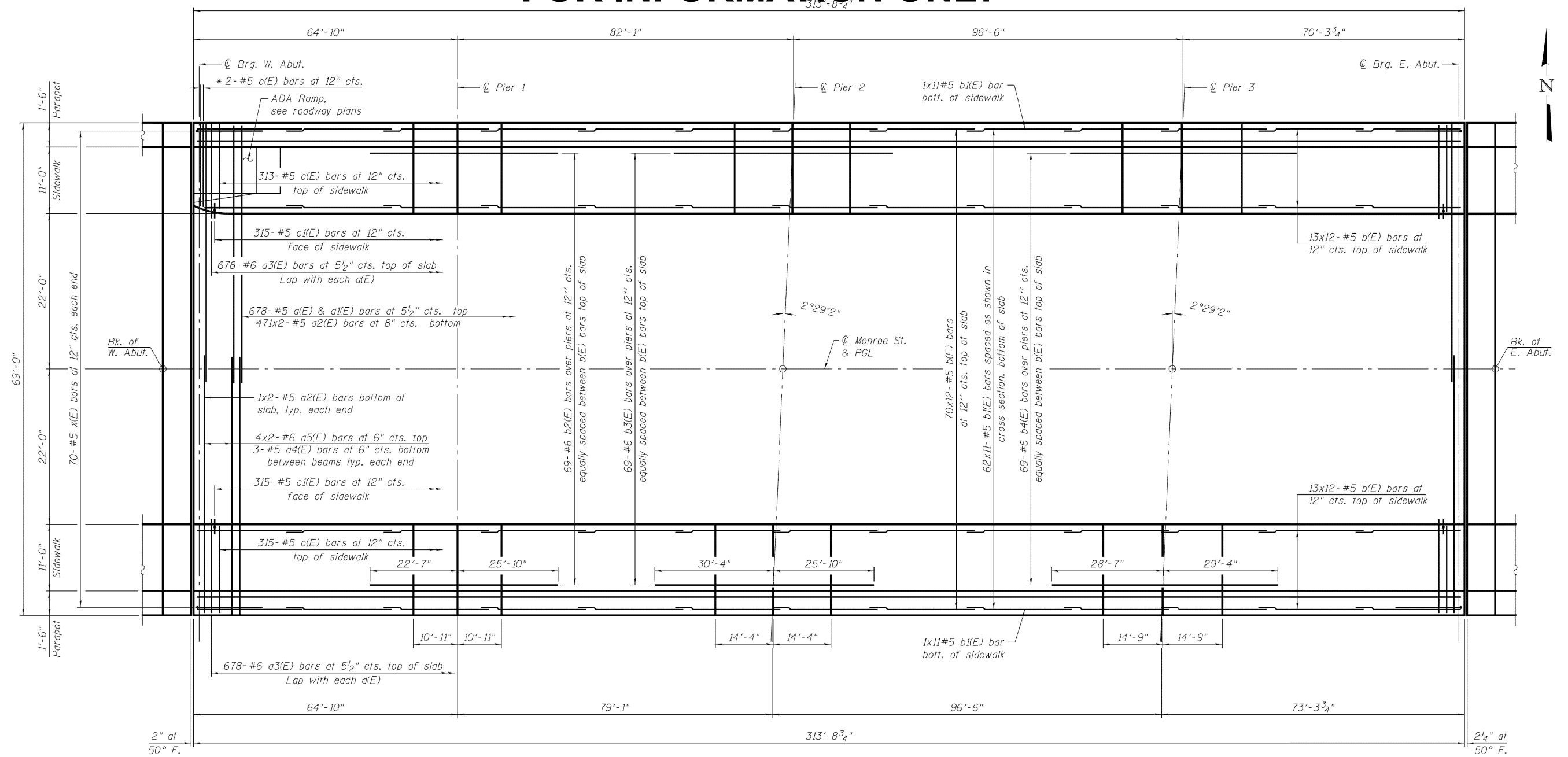
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 19: MONROE ST OVER I-90/94 (SN 016-1700)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A002 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	82
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DECK PLAN

**SUPERSTRUCTURE
STRUCTURE NO. 016-1700**

MODEL: 77 (Sheet)
FILE NAME: c:\pwworking\oldiazad\11677701D\102925-shr-details.dgn

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PLOT DATE = 12/4/2025	DATE -	REVISED -

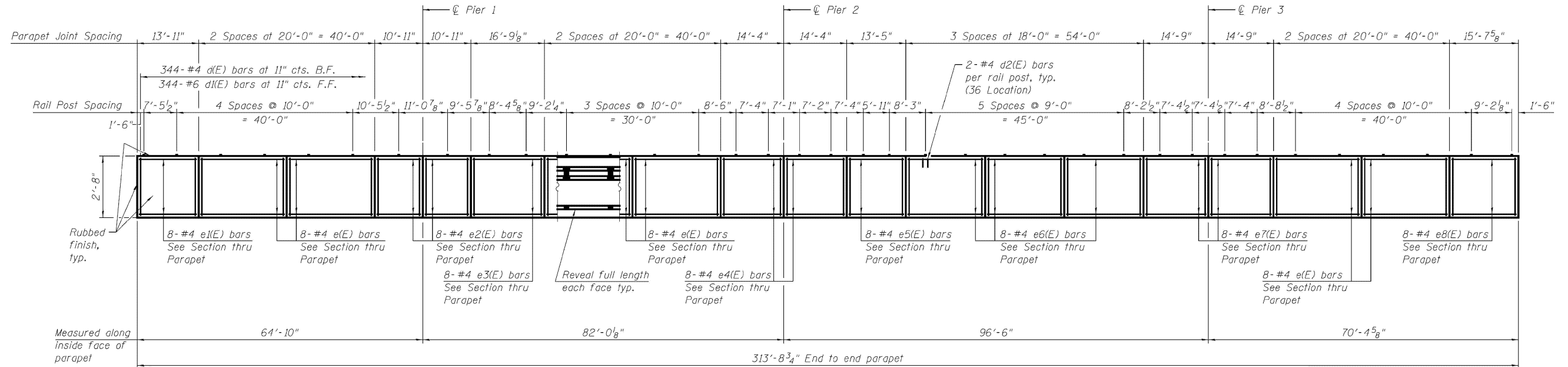
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 19: MONROE ST OVER I-90/94 (SN 016-1700)
EXISTING STRUCTURE DETAILS**

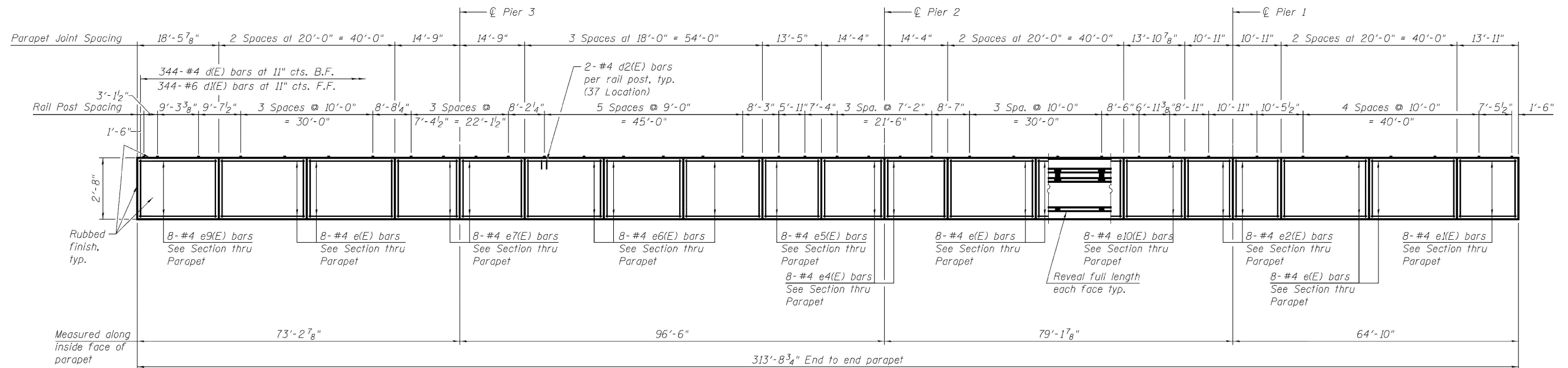
SCALE: SHEET A003 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	83
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



INSIDE ELEVATION OF NORTH PARAPET
(Looking North)



INSIDE ELEVATION OF SOUTH PARAPET
(Looking South)

SUPERSTRUCTURE DETAILS II
STRUCTURE NO. 016-1700

MODEL: 78 (Sheet)
FILE NAME: c:\pwworking\oldiazad\1167770\102925-shr-details.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

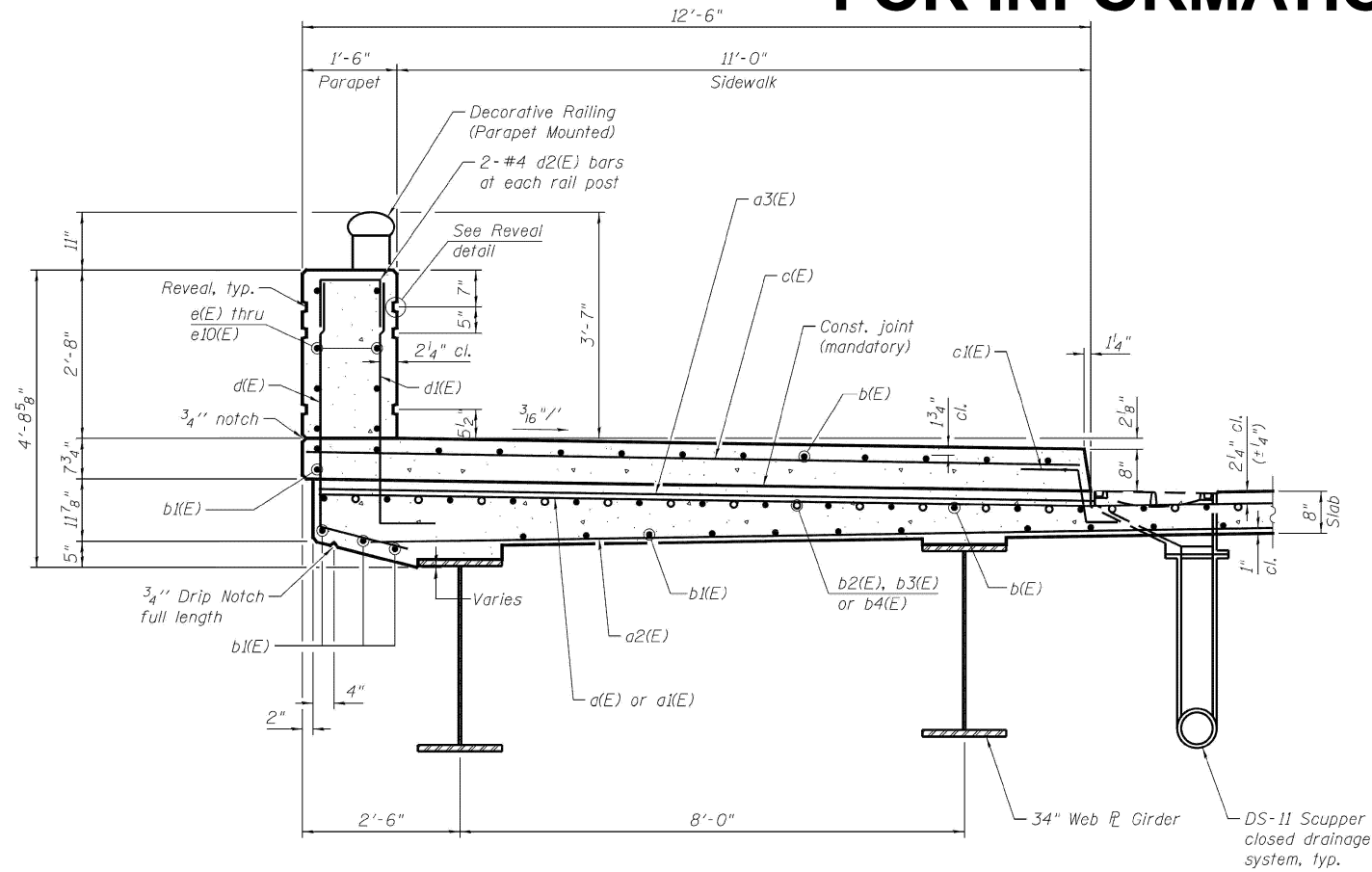
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 19: MONROE ST OVER I-90/94 (SN 016-1700)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 5 SHEETS STA. TO STA.

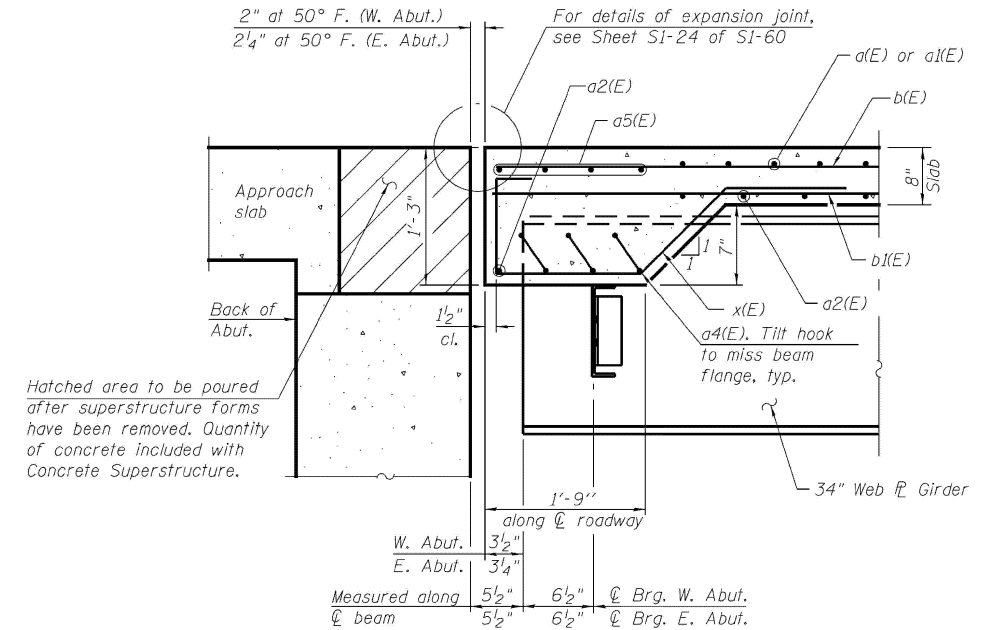
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	84
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



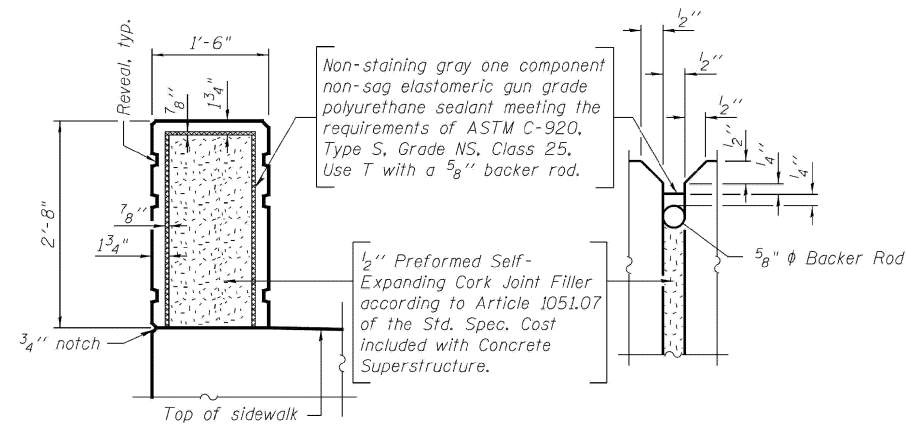
SECTION THRU SIDEWALK

(North sidewalk shown South sidewalk similar, opposite hand)

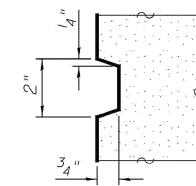


SECTION THROUGH EXPANSION JOINT AT RIGHT ANGLE

(Looking North, West joint shown, East joint similar)



PARAPET JOINT DETAILS



REVEAL DETAIL

**SUPERSTRUCTURE DETAILS III
STRUCTURE NO. 016-1700**

MODEL: 79 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

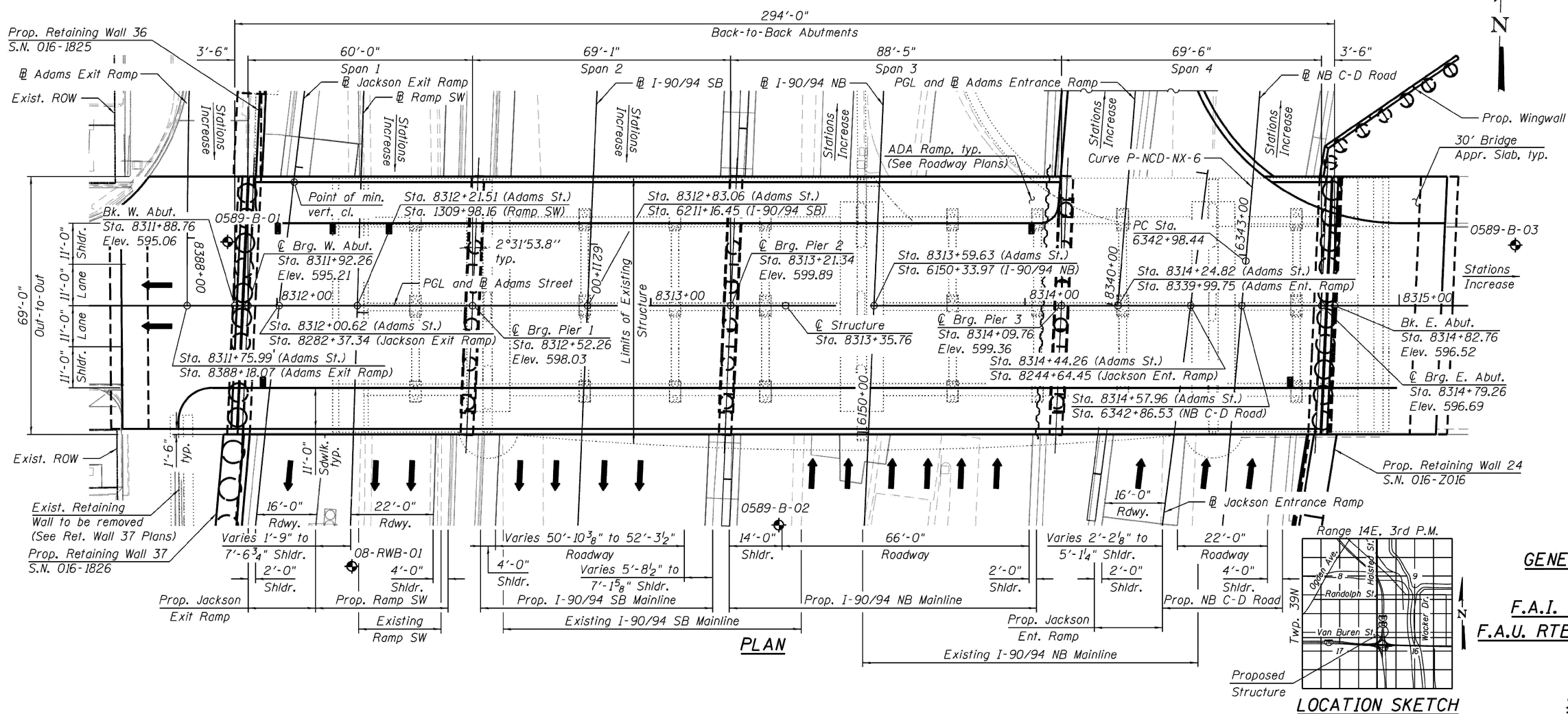
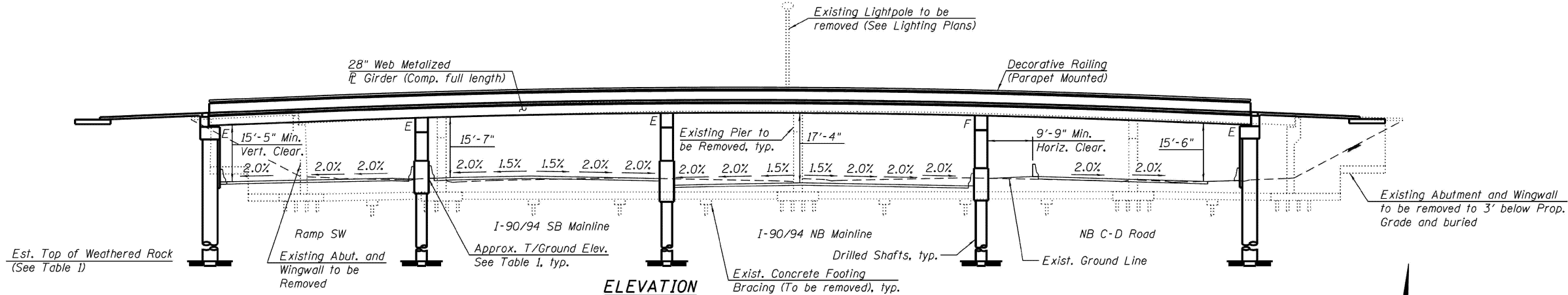
**LOCATION 19: MONROE ST OVER I-90/94 (SN 016-1700)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A005 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	85
			CONTRACT NO. 62X44	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Structure: SN 016-0589. Constructed in 1955 under F.A.I. Route 173, Section 0101.2-3B. The outbound ramp from Adams to northbound I-90/94 was constructed in 1957. The bridge underwent repairs in 1999 under Section 0101.2-3B-R. Four span bridge measures 282'-4" from back to back of abutments. Out-to-out width of 73'-11". The spans are supported by 36" wide flange beams. Substructure is reinforced concrete closed abutments and multi-column piers founded on timber piles with concrete footing bracing. The Existing Adams Entrance Ramp is offset 90° from the centerline of Adams Street. Three span bridge that measures 169'-10" from back of north abutment to the centerline of the north fascia beam on Adams Street. Out-to-out width is 22'-6". The spans are supported by 24" wide flange beams. Substructure is reinforced concrete closed north abutment and single hammerhead piers founded on caissons. A concrete cantilever retaining wall extends north of the north abutment for 167'-7". The existing bridge is to be removed and replaced.



GENERAL PLAN AND ELEVATION 1
ADAMS STREET OVER
F.A.I. 90/94 (KENNEDY EXPRESSWAY)
F.A.U. RTE. 1421 - SECTION 2014-015R&B-R
COOK COUNTY
STATION 8313+35.76
STRUCTURE NO. 016-1701

MODEL: 80 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

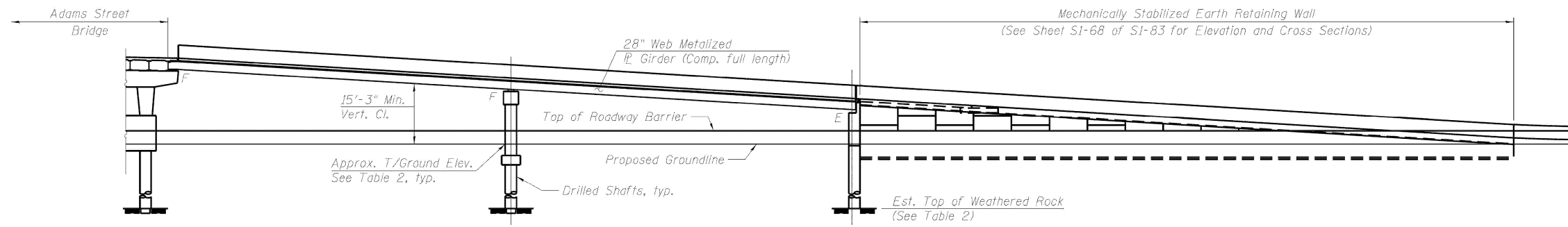
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A001 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	86
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



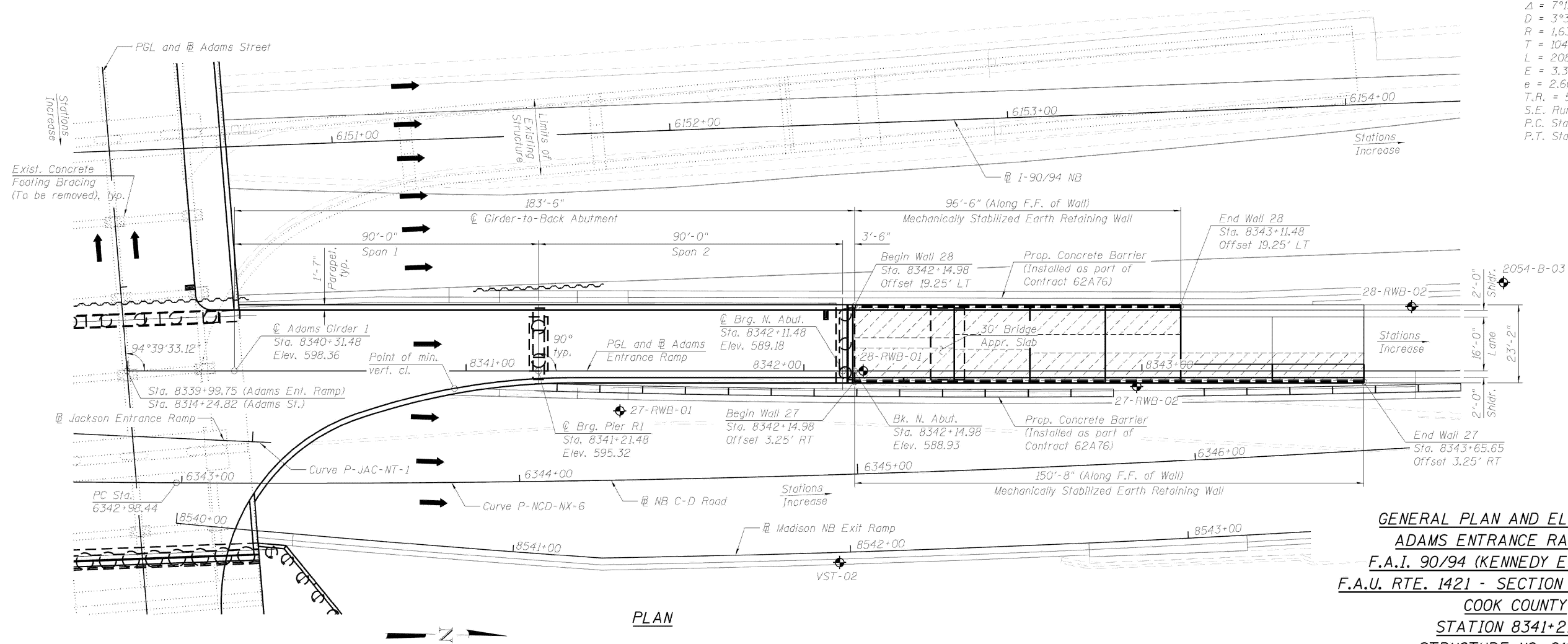
ELEVATION

CURVE DATA

(@ NB C-D Road)
 P-NCD-NX-6
 P.I. Sta. = 6345+36.95
 $\Delta = 5^{\circ}12'37''$ (LT)
 D = 1°05'35"
 R = 5,242.00'
 T = 238.51'
 L = 476.70'
 E = 5.42'
 e = NC
 T.R. = NA
 S.E. Run = NA
 P.C. Sta. = 6342+98.44
 P.T. Sta. = 6347+75.14

CURVE DATA

(@ Jackson Entrance Ramp)
 P-JAC-NT-1
 P.I. Sta. = 8242+19.75
 $\Delta = 7^{\circ}19'00''$ (RT)
 D = 3°30'54"
 R = 1,630.00'
 T = 104.22'
 L = 208.15'
 E = 3.33'
 e = 2.60%
 T.R. = 50'
 S.E. Run = 64'
 P.C. Sta. = 8241+15.53
 P.T. Sta. = 8243+23.68



PLAN

GENERAL PLAN AND ELEVATION 2
ADAMS ENTRANCE RAMP OVER
F.A.I. 90/94 (KENNEDY EXPRESSWAY)
F.A.U. RTE. 1421 - SECTION 2014-015R&B-R
COOK COUNTY
STATION 8341+21.48
STRUCTURE NO. 016-1701

MODEL: 81 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

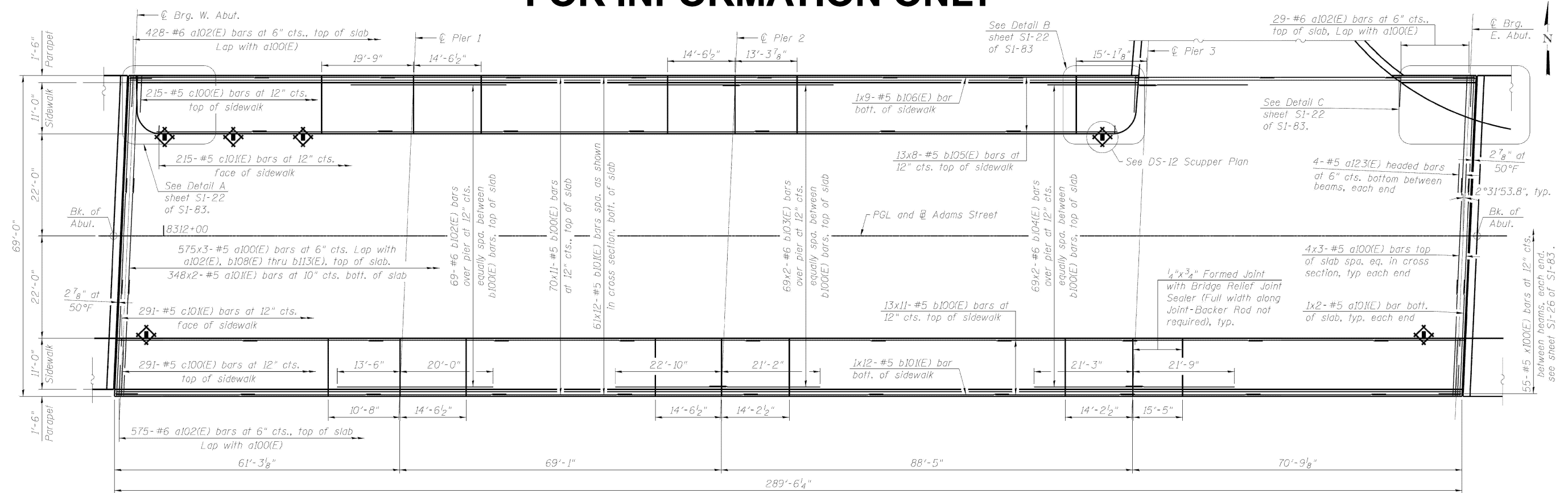
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS

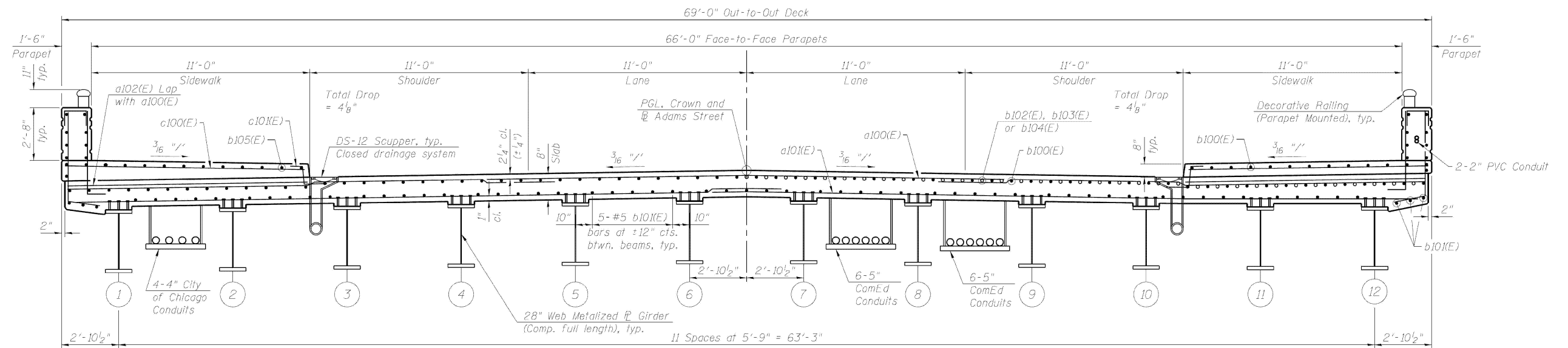
SCALE: SHEET A002 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2024-1009-BDS	COOK	192	87
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DECK PLAN - ADAMS



CROSS SECTION - ADAMS
(Looking East)

DECK PLAN AND CROSS SECTION - ADAMS
STRUCTURE NO. 016-1701

MODEL: 82 (Sheet)
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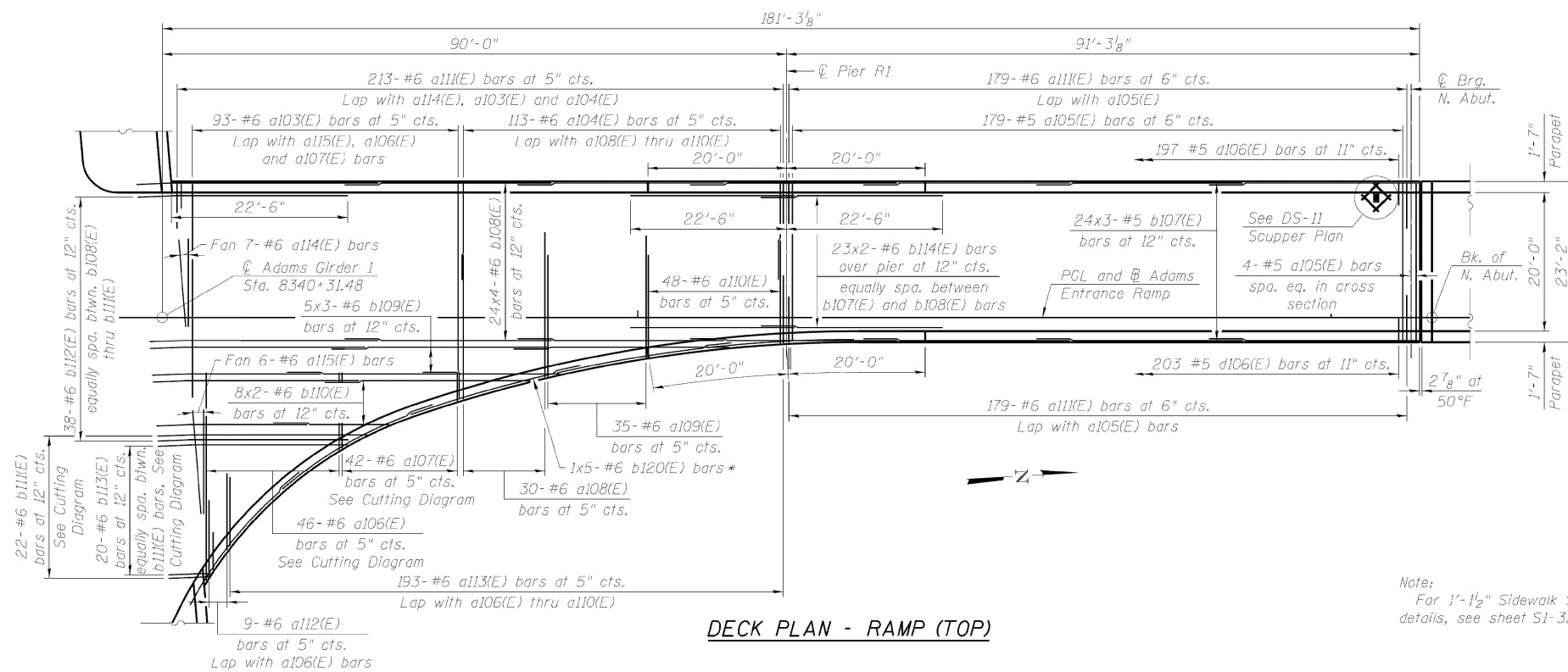
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS

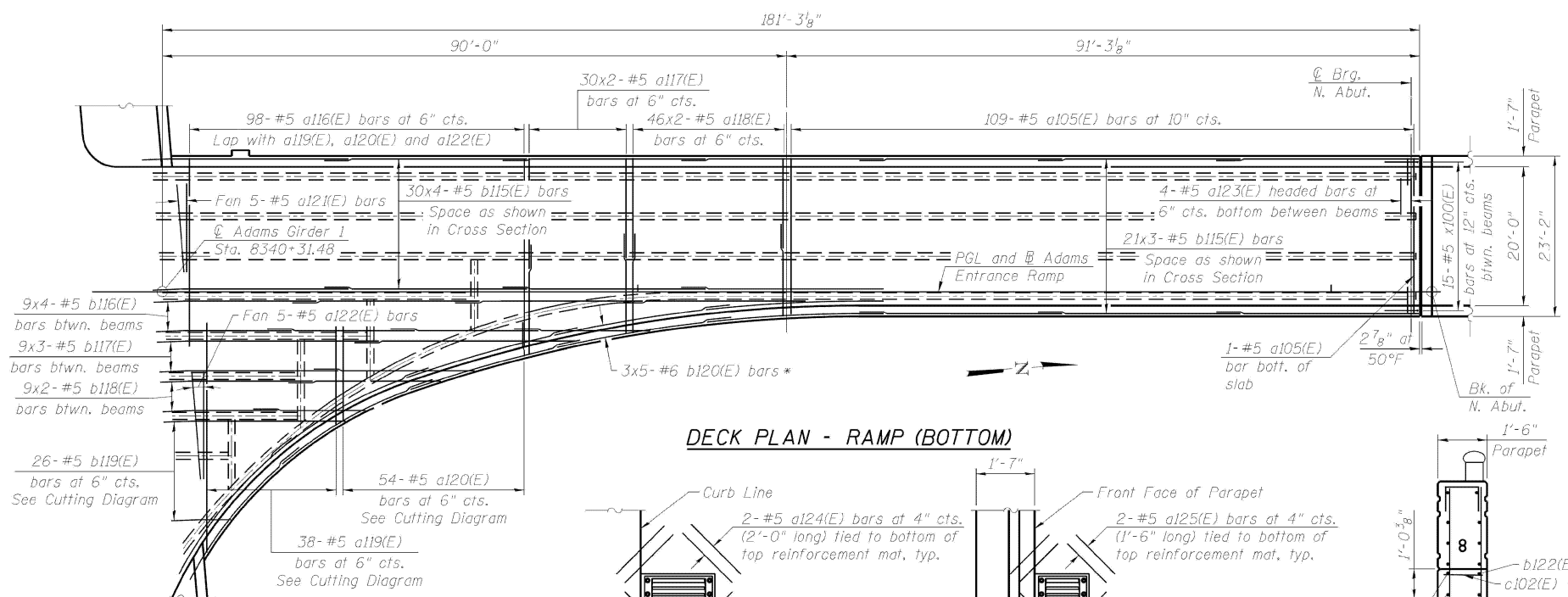
SCALE: SHEET A003 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	88
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

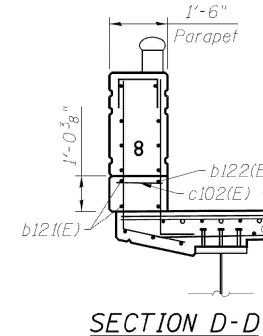
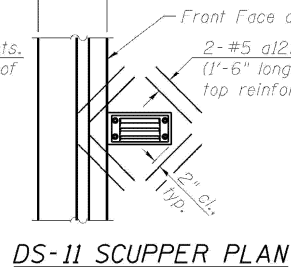
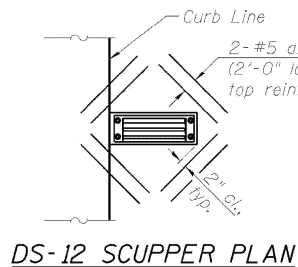
FOR INFORMATION ONLY



DECK PLAN - RAMP (TOP)

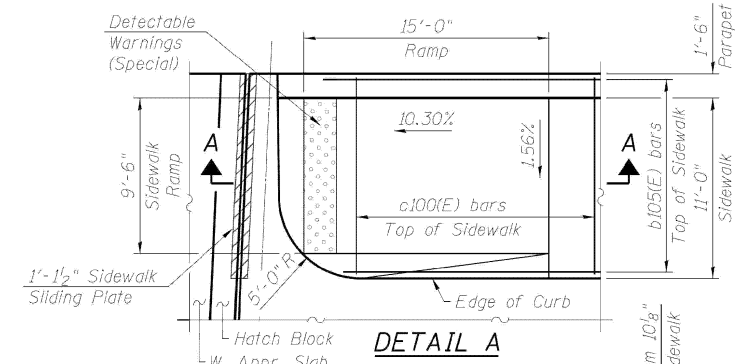


DECK PLAN - RAMP (BOTTOM)

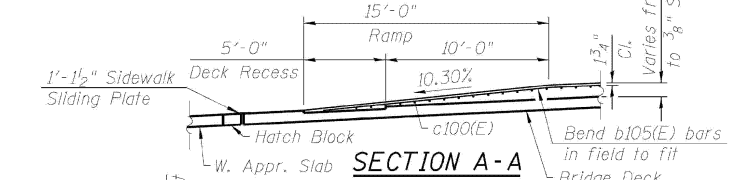


SECTION D-D

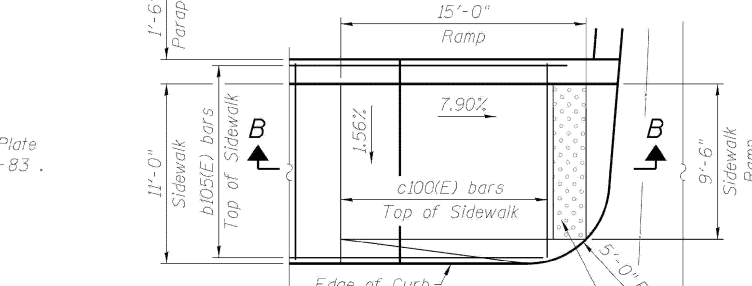
For more details, see Section Through North Parapet at Pier on sheet S1-23 of S1-83.



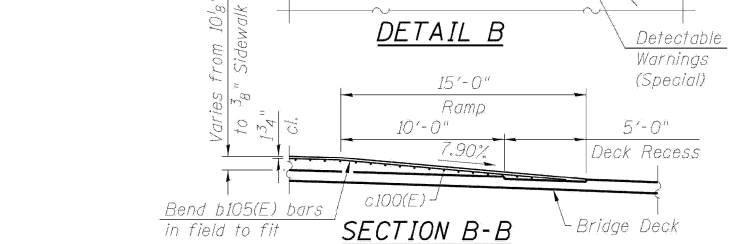
DETAIL A



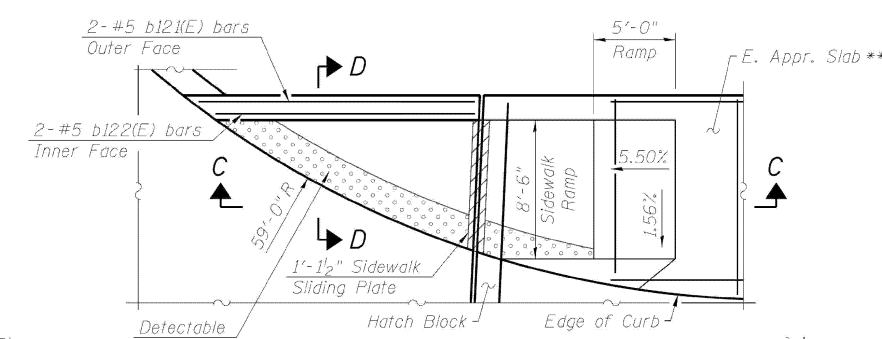
SECTION A-A



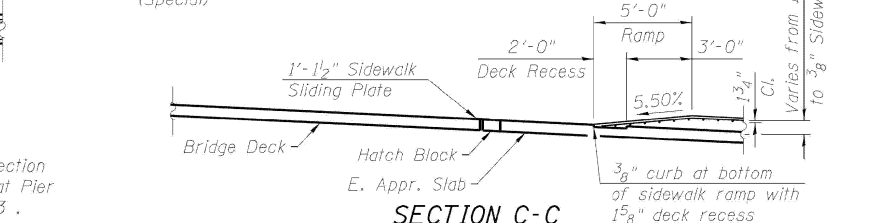
DETAIL B



SECTION B-B



DETAIL C



SECTION C-C

DECK PLAN - RAMP
STRUCTURE NO. 016-1701

MODEL: 83 (Sheet)
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	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

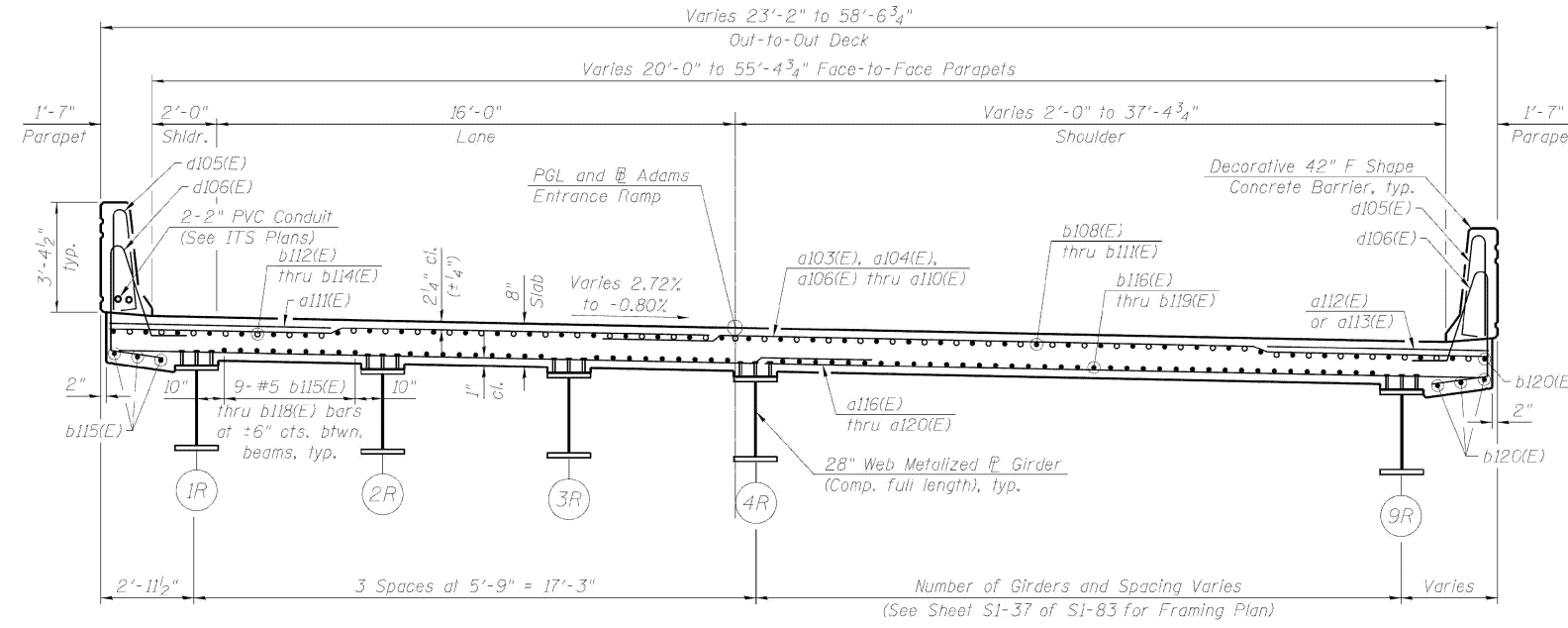
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 7 SHEETS STA. TO STA.

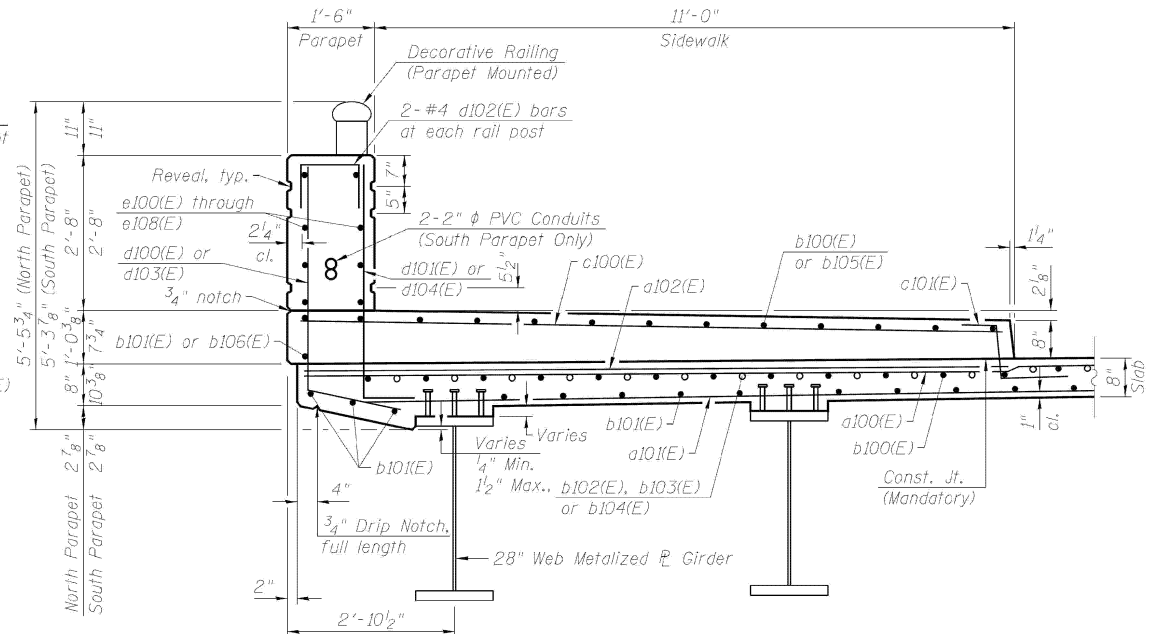
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	89
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



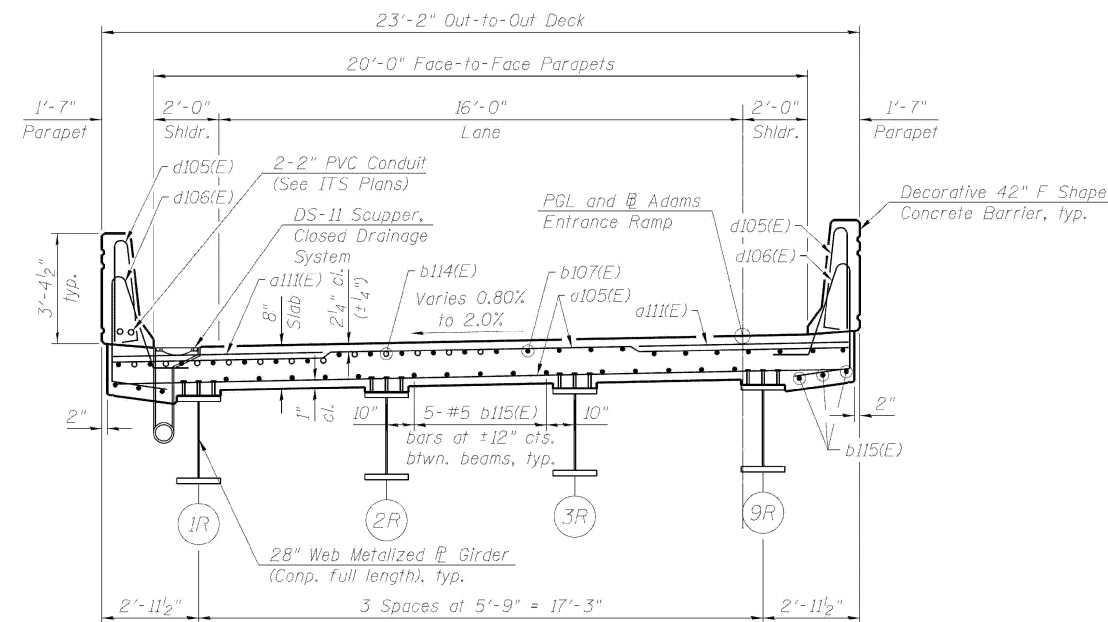
CROSS SECTION - RAMP

(Looking North, Sta. 8340+31.48 to Sta. 8341+21.48)
(Dimensions are measured perpendicular to Adams Entrance Ramp)



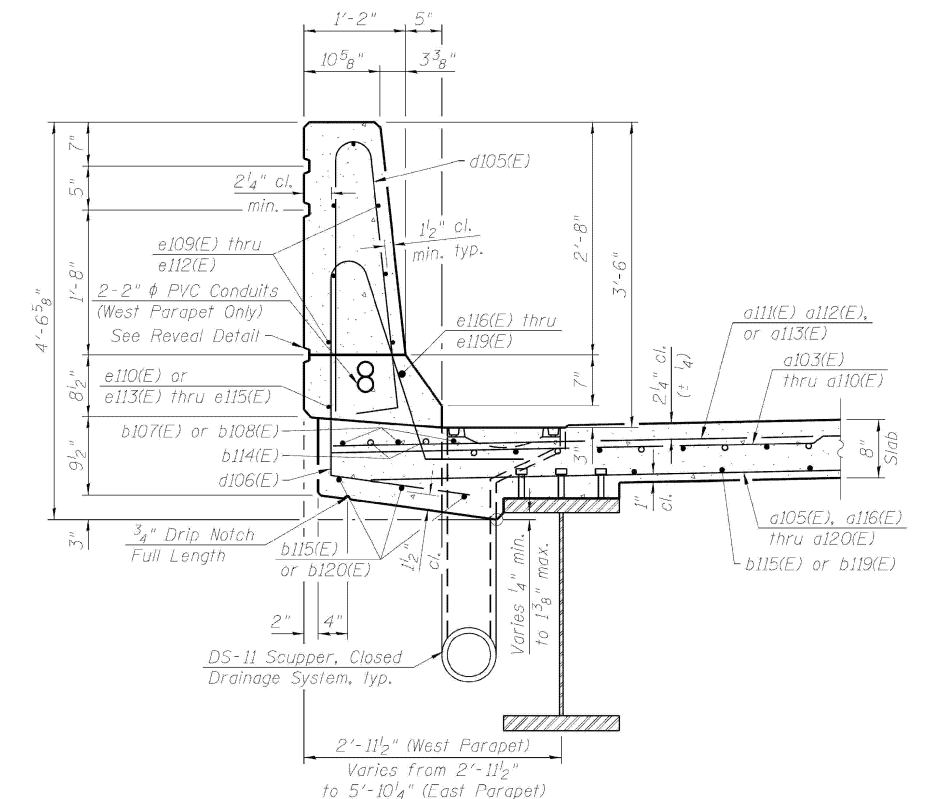
SECTION THROUGH NORTH PARAPET AT PIER

(Looking Up-Station at Pier, South Parapet similar, opposite hand)



CROSS SECTION - RAMP

(Looking North, Sta. 8341+21.48 to Sta. 8342+11.48)
(Dimensions are measured perpendicular to Adams Entrance Ramp)



SECTION THRU WEST RAMP PARAPET AT PIER

(Looking Up-Station at Pier, East Parapet similar, opposite hand)

MODEL: 84 (Sheet)
FILE NAME: c:\pwworking\adiazad1167770D-102925-shr-details.dgn

**CROSS SECTIONS - RAMP
STRUCTURE NO. 016-1701**

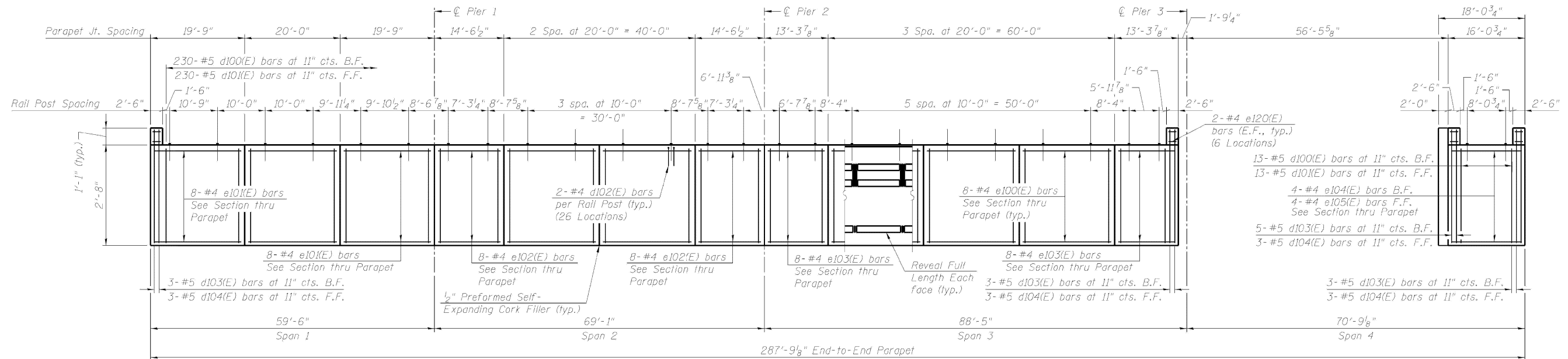
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS**

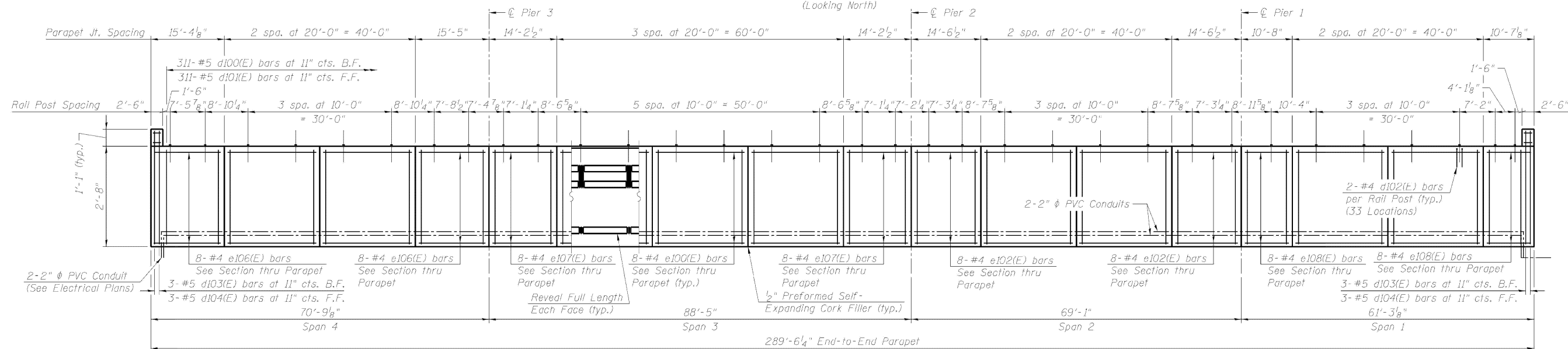
SCALE: SHEET A005 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	90
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

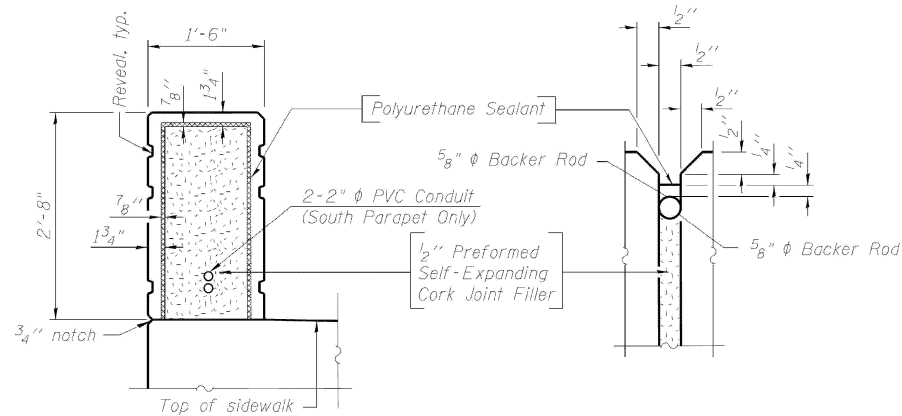
FOR INFORMATION ONLY



INSIDE ELEVATION OF NORTH PARAPET - ADAMS
(Looking North)



INSIDE ELEVATION OF SOUTH PARAPET - ADAMS
(Looking South)



PARAPET JOINT DETAILS

PARAPET ELEVATIONS - ADAMS
STRUCTURE NO. 016-1701

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS

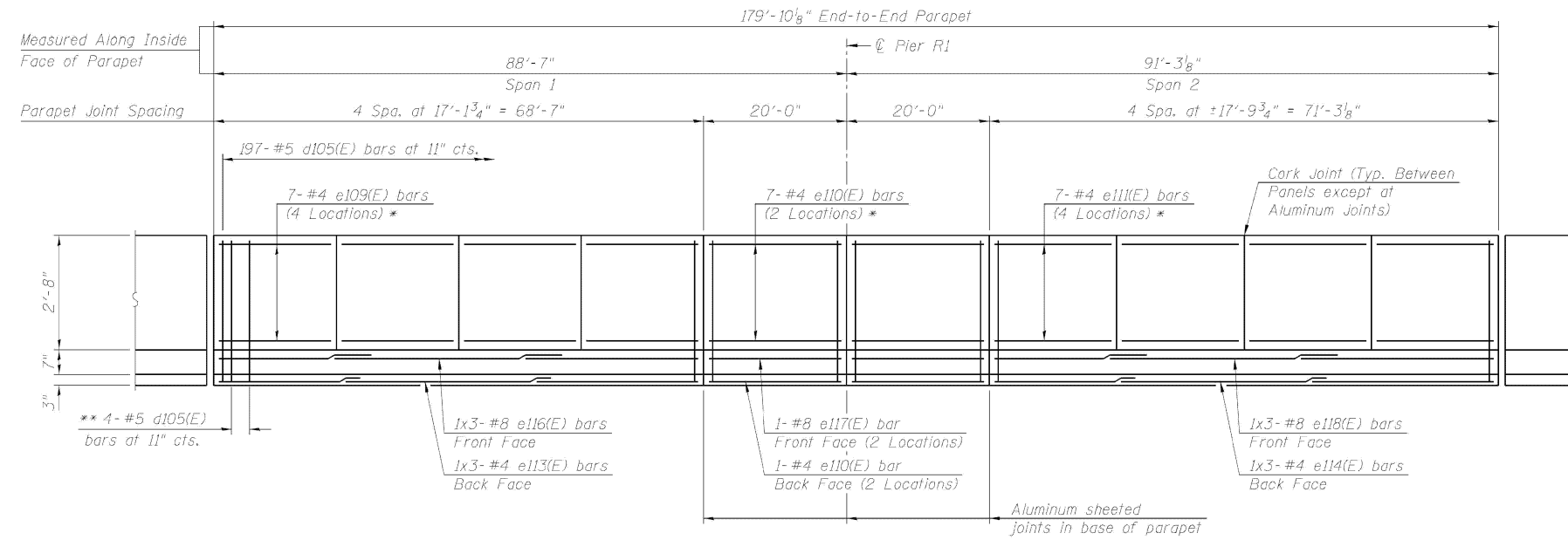
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PLOT DATE = 12/4/2025	DATE -	REVISED -

SCALE: SHEET A006 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	91
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

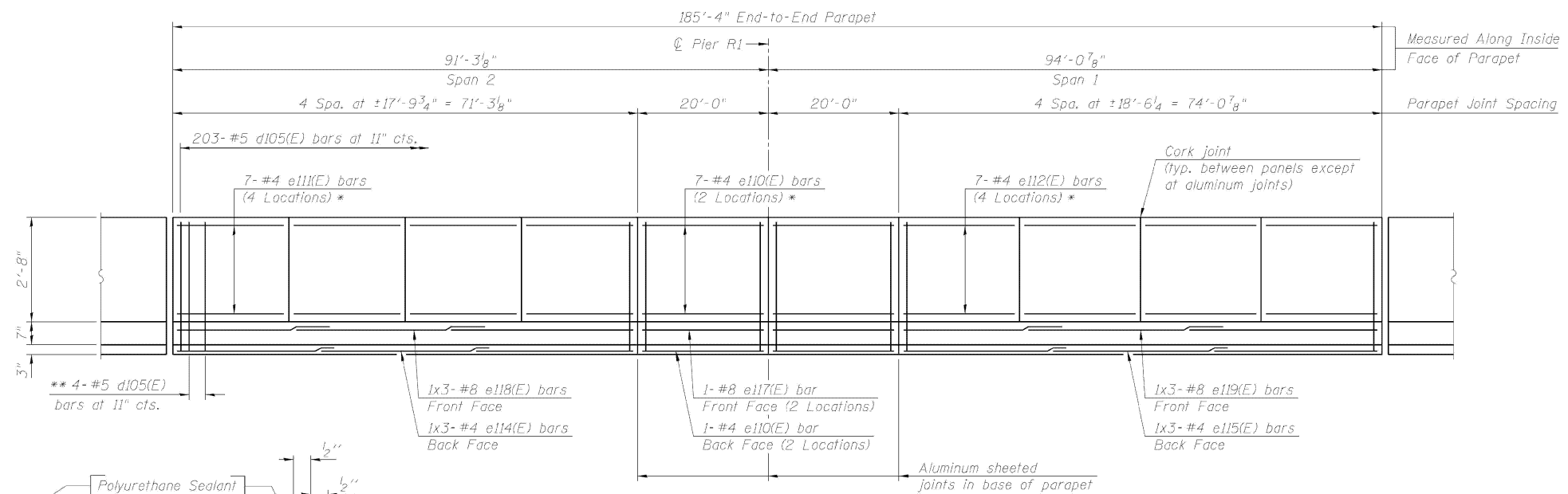
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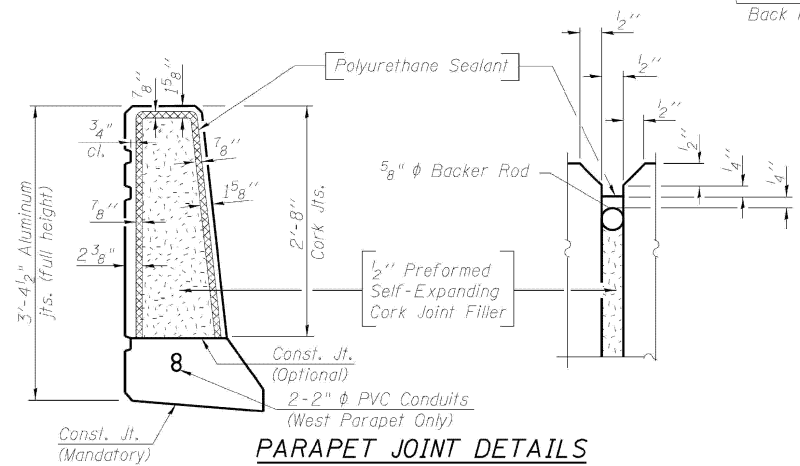
INSIDE ELEVATION OF WEST PARAPET - RAMP

(Looking West)



INSIDE ELEVATION OF EAST PARAPET - RAMP

(Looking East)



PARAPET JOINT DETAILS

**PARAPET ELEVATIONS - RAMP
STRUCTURE NO. 016-1701**

MODEL: 86 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
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PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

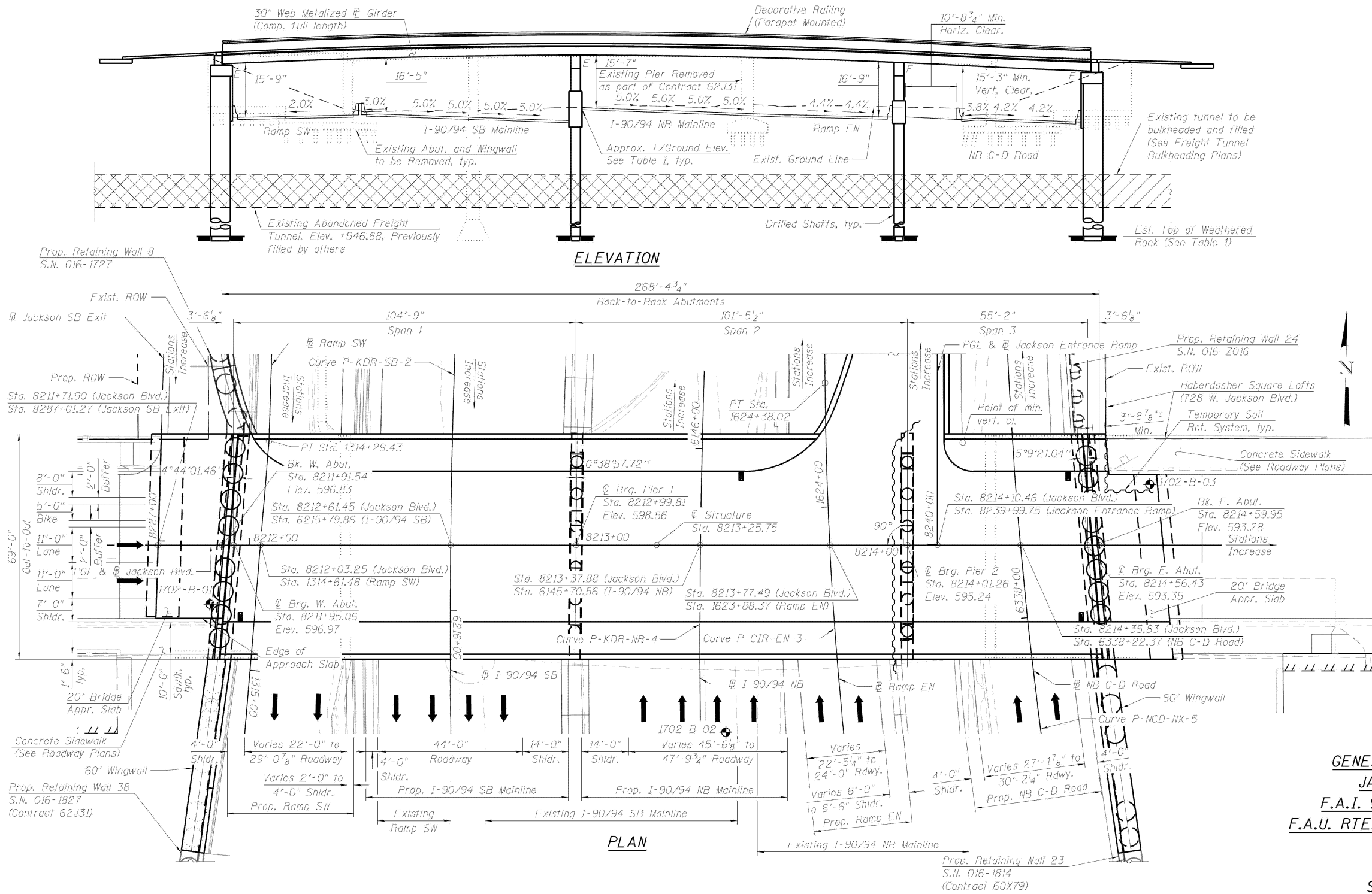
**LOCATION 20: ADAMS ST OVER I-90/94 (SN 016-1701)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A007 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	92
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Structure: SN 016-0588. Constructed in 1955 under F.A.I. Route 173, Section 0101.2-2B. Repairs were made to the bridge in 2002 under Section 0101.2-1B-R-1. Three span bridge that measures 199'-9" from back to back of abutments. Out-to-out width varies from 67'-11³/₄" to 72'-1". The spans are supported by 36" wide flange beams. Substructure is reinforced concrete closed abutments and multi-column piers founded on timber piles. The foundation of the west pier is founded on caissons. The Existing Jackson Entrance Ramp is offset 90° from the centerline of Jackson Boulevard. Three span bridge that measures 169'-10" from back of north abutment to the centerline of the north fascia beam on Jackson Boulevard. Out-to-out width is 22'-6". The spans are supported by 24" wide flange beams. Substructure is reinforced concrete closed north abutment and single hammerhead pier founded on caissons. A concrete cantilever retaining wall extends north of the north abutment for 215'-0". The existing bridge superstructure, piers, and ramp retaining wall were removed as part of Contract 62J31. The existing bridge abutments and wingwalls will be removed in this contract.



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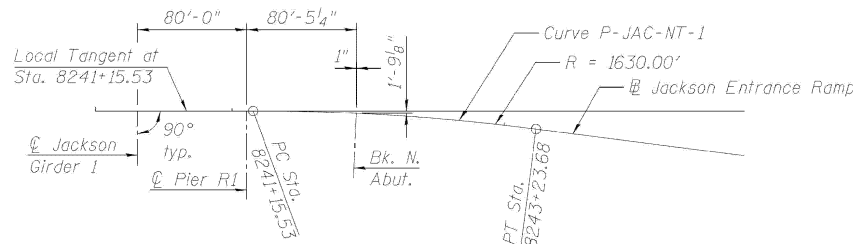
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A001 OF 7 SHEETS STA. TO STA.

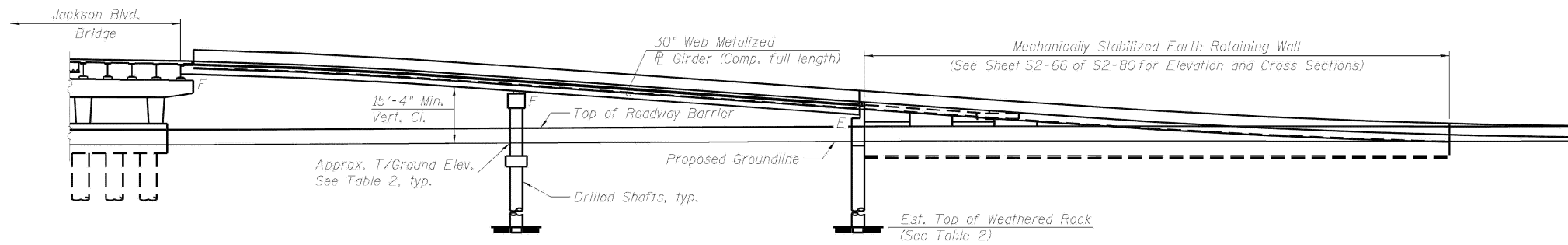
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	93
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



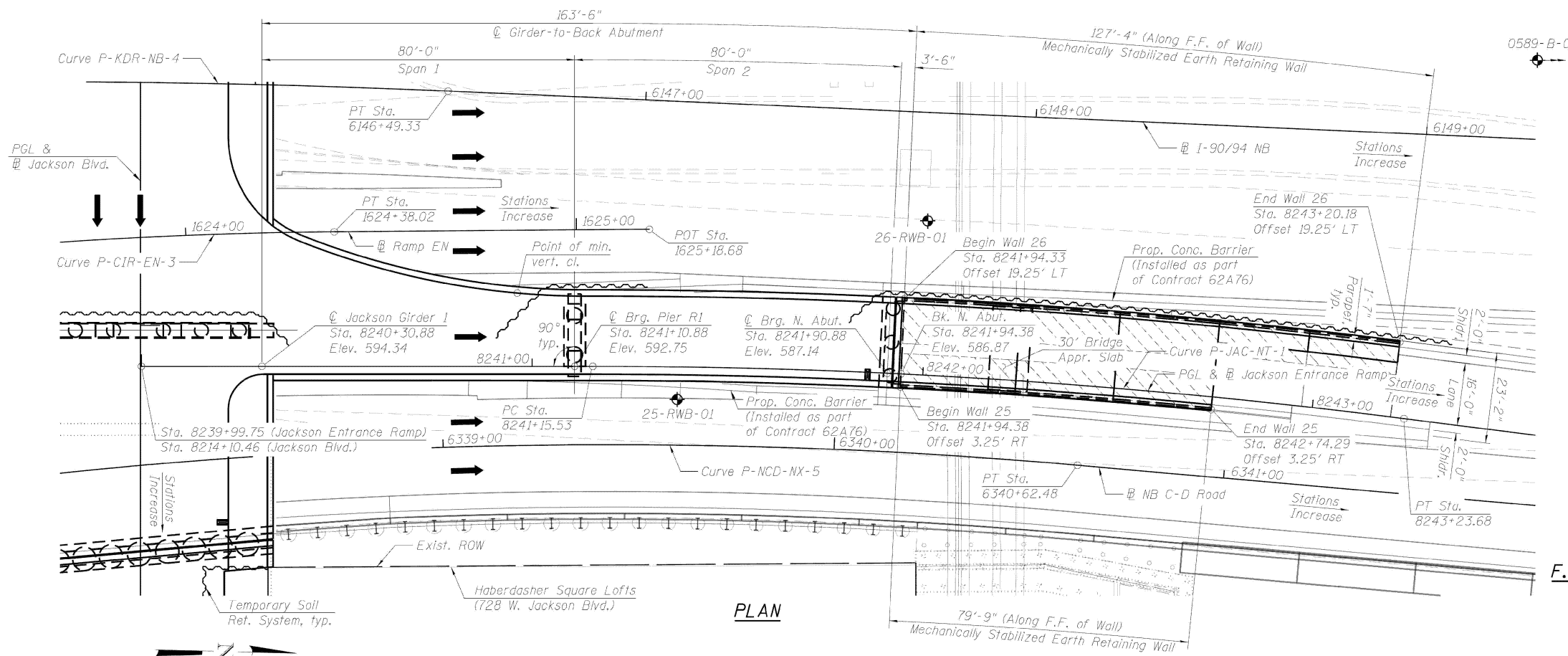
OFFSET SKETCH - JACKSON ENTRANCE RAMP

CURVE DATA (@ Jackson Entrance Ramp)	CURVE DATA (@ I-90/94 SB)
P-JAC-NT-1	P-KDR-SB-2
P.I. Sta. = 8242+19.75	P.I. Sta. = 6217+28.62
$\Delta = 7^{\circ}19'00''$ (RT)	$\Delta = 10^{\circ}41'00''$ (LT)
$D = 3^{\circ}30'54''$	$D = 2^{\circ}17'50''$
$R = 1,630.00'$	$R = 2,494.00'$
$T = 104.22'$	$T = 233.19'$
$L = 208.15'$	$L = 465.03'$
$E = 3.33'$	$E = 10.88'$
$e = 2.60\%$	$e = 5.00\%$
$T.R. = 50'$	$T.R. = 107'$
$S.E. Run = 64'$	$S.E. Run = 268'$
$P.C. Sta. = 8241+15.53$	$P.C. Sta. = 6214+95.43$
$P.T. Sta. = 8243+23.68$	$P.T. Sta. = 6219+60.46$



ELEVATION

CURVE DATA (@ I-90/94 NB)	CURVE DATA (@ Ramp EN)
P-KDR-NB-4	P-CIR-EN-3
P.I. Sta. = 6143+87.92	P.I. Sta. = 1621+43.96
$\Delta = 12^{\circ}26'15''$ (RT)	$\Delta = 28^{\circ}56'55''$ (RT)
$D = 2^{\circ}22'10''$	$D = 4^{\circ}48'53''$
$R = 2,418.00'$	$R = 1,190.00'$
$T = 263.48'$	$T = 307.19'$
$L = 524.89'$	$L = 601.25'$
$E = 14.31'$	$E = 39.01'$
$e = 5.00\%$	$e = 4.40\%$
$T.R. = 80'$	$T.R. = 42'$
$S.E. Run = 268'$	$S.E. Run = 91'$
$P.C. Sta. = 6141+24.44$	$P.C. Sta. = 1618+36.77$
$P.T. Sta. = 6146+49.33$	$P.T. Sta. = 1624+38.02$



PLAN

CURVE DATA
(@ NB C-D Road)

P-NCD-NX-5
P.I. Sta. = 6336+57.47
$\Delta = 35^{\circ}13'41''$ (RT)
$D = 4^{\circ}12'24''$
$R = 1,362.00'$
$T = 432.42'$
$L = 837.42'$
$E = 67.00'$
$e = 4.20\%$
$T.R. = 42'$
$S.E. Run = 87'$
$P.C. Sta. = 6332+25.05$
$P.T. Sta. = 6340+62.48$

GENERAL PLAN AND ELEVATION 2
JACKSON ENTRANCE RAMP OVER
F.A.I. 90/94 (KENNEDY EXPRESSWAY)
F.A.U. RTE. 1422 - SECTION 2014-015R&B-R
COOK COUNTY
STATION 8241+10.88
STRUCTURE NO. 016-1702

MODEL: 88 (Sheet)
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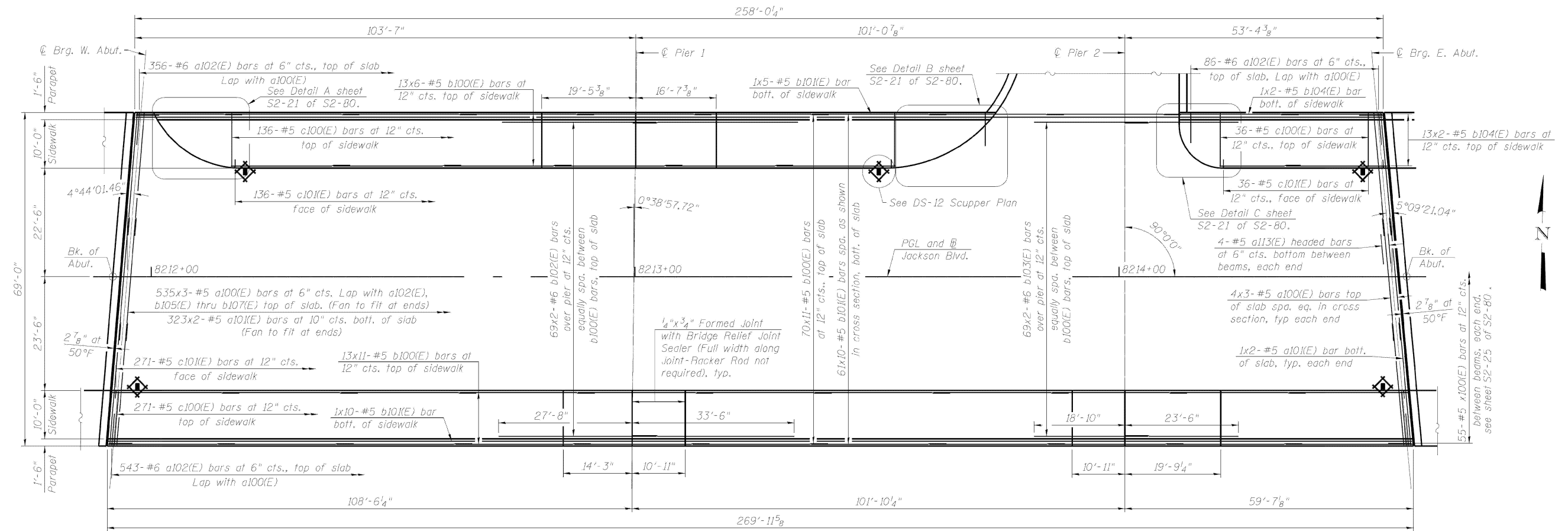
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS

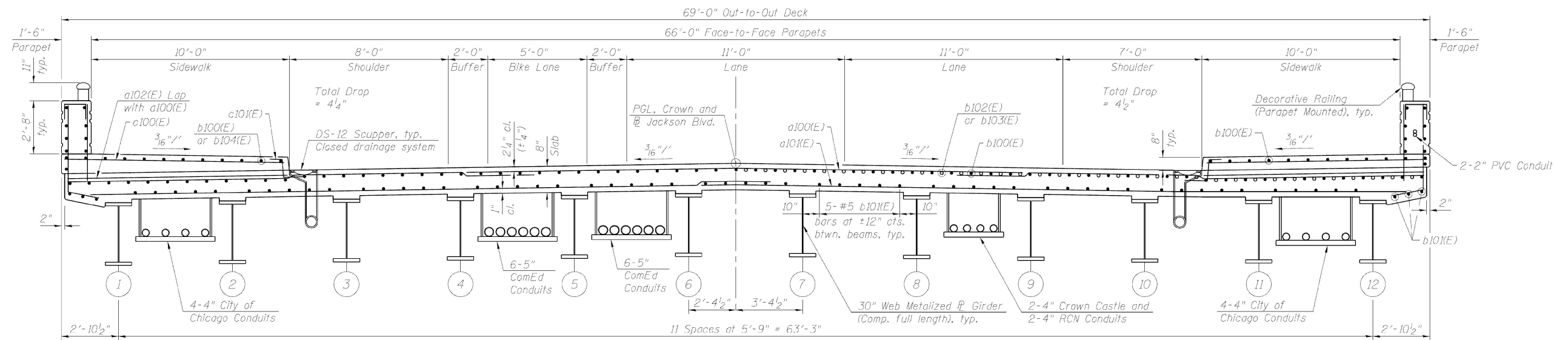
SCALE: SHEET A002 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	94
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



DECK PLAN - JACKSON



CROSS SECTION - JACKSON
(Looking East)

DECK PLAN AND CROSS SECTION - JACKSON
STRUCTURE NO. 016-1702

MODEL: 89 (Sheet)
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PLOT DATE = 12/4/2025	DATE -	REVISD -

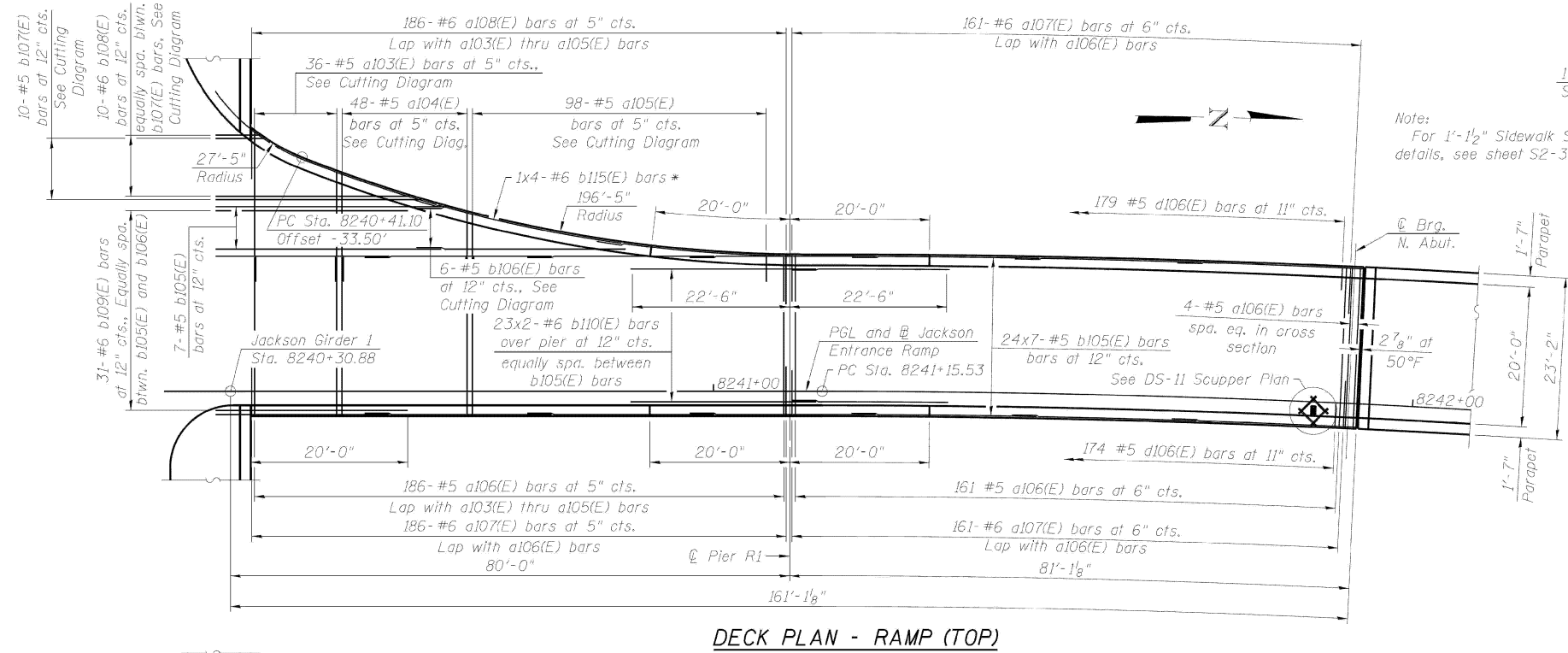
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS

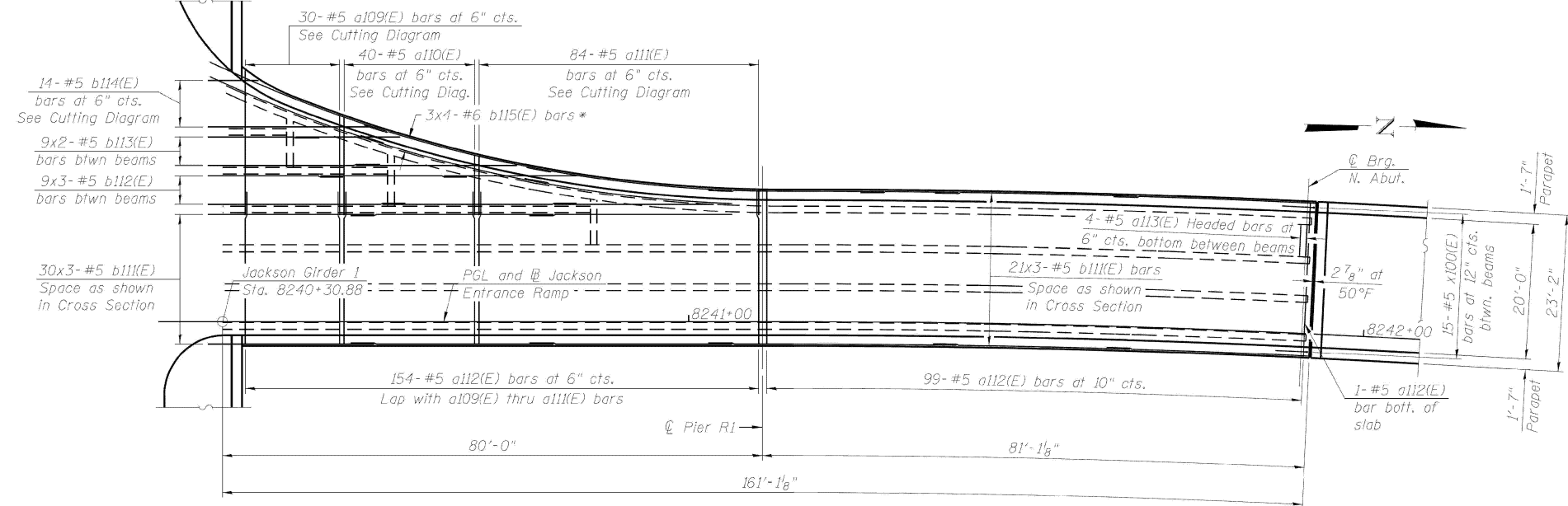
SCALE: SHEET A003 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	95
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

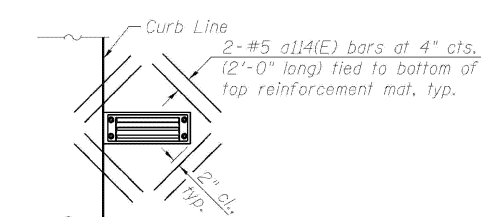
FOR INFORMATION ONLY



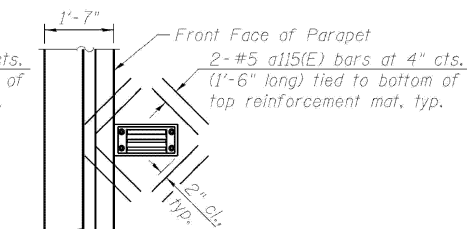
DECK PLAN - RAMP (TOP)



DECK PLAN - RAMP (BOTTOM)



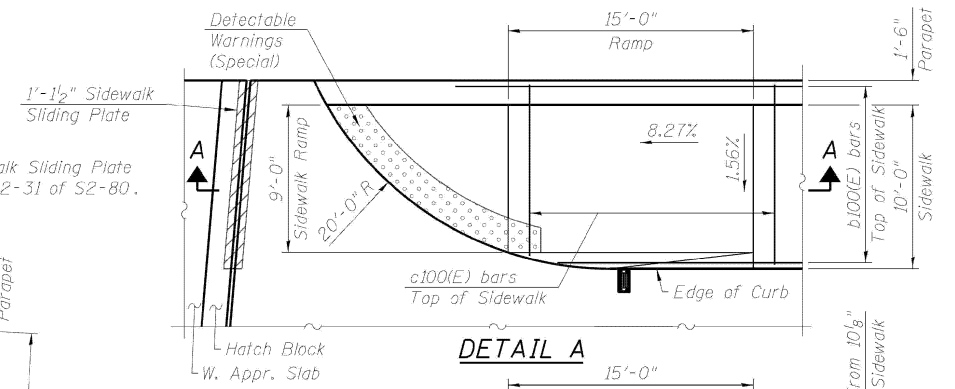
DS-12 SCUPPER PLAN



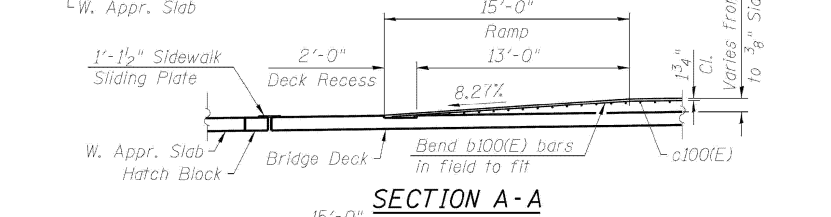
DS-11 SCUPPER PLAN

Note:
Cut longitudinal reinforcement to clear drainage scuppers.

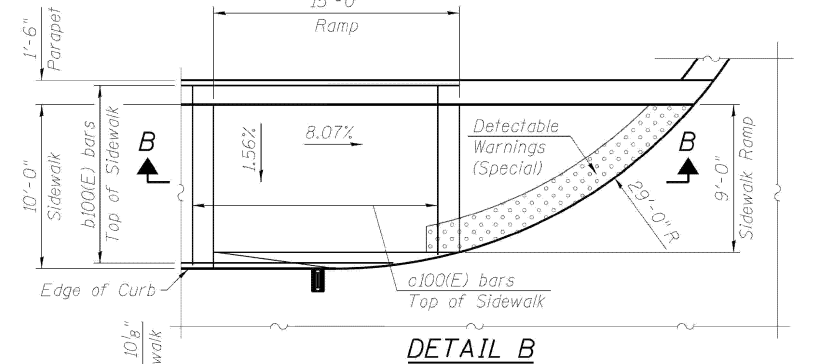
Note:
For 1'-1/2" Sidewalk Sliding Plate details, see sheet S2-31 of S2-80.



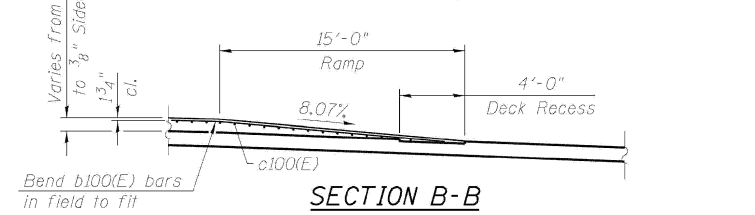
DETAIL A



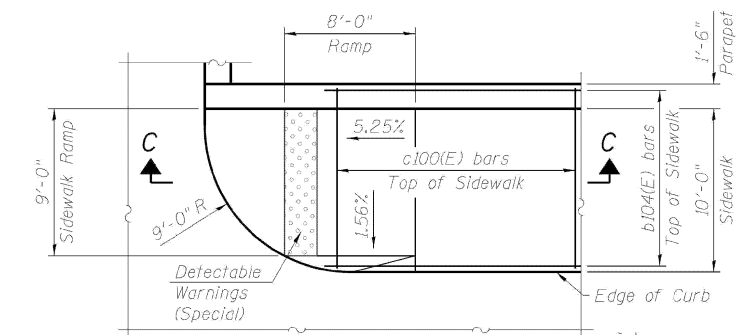
SECTION A-A



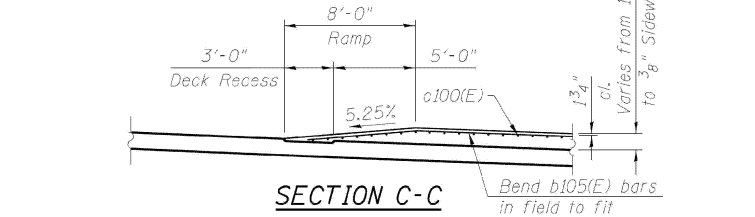
DETAIL B



SECTION B-B



DETAIL C



SECTION C-C

DECK PLAN - RAMP
STRUCTURE NO. 016-1702

LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A004 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	96
CONTRACT NO. 62X44				

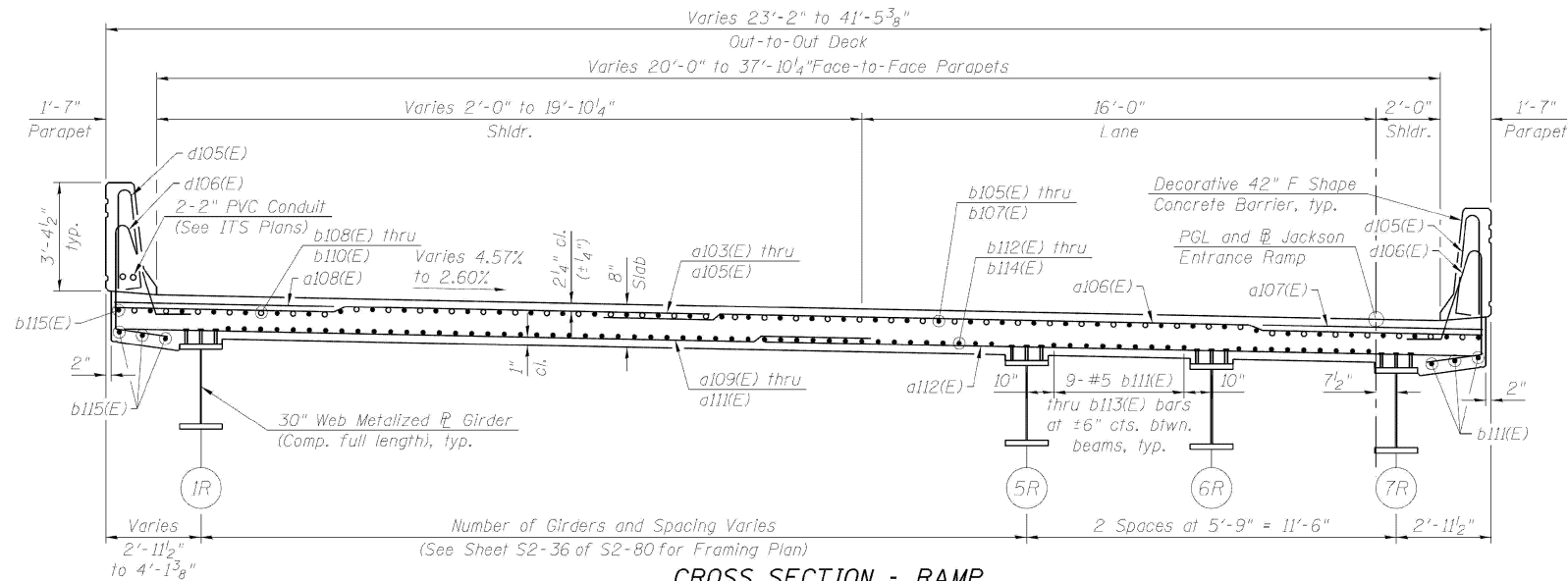
ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

USER NAME	DESIGNED	REVISIONS
ivan.diaz	-	-
	DRAWN	REVIS
	CHECKED	REVIS
	DATE	REVIS
PLOT DATE = 12/4/2025		

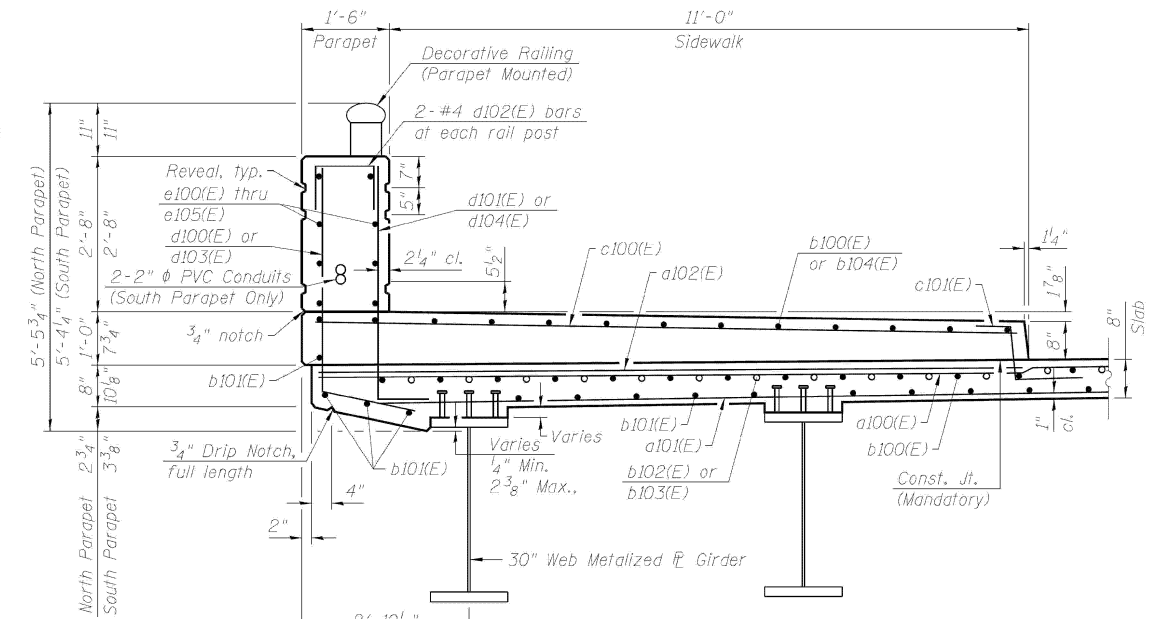
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FOR INFORMATION ONLY



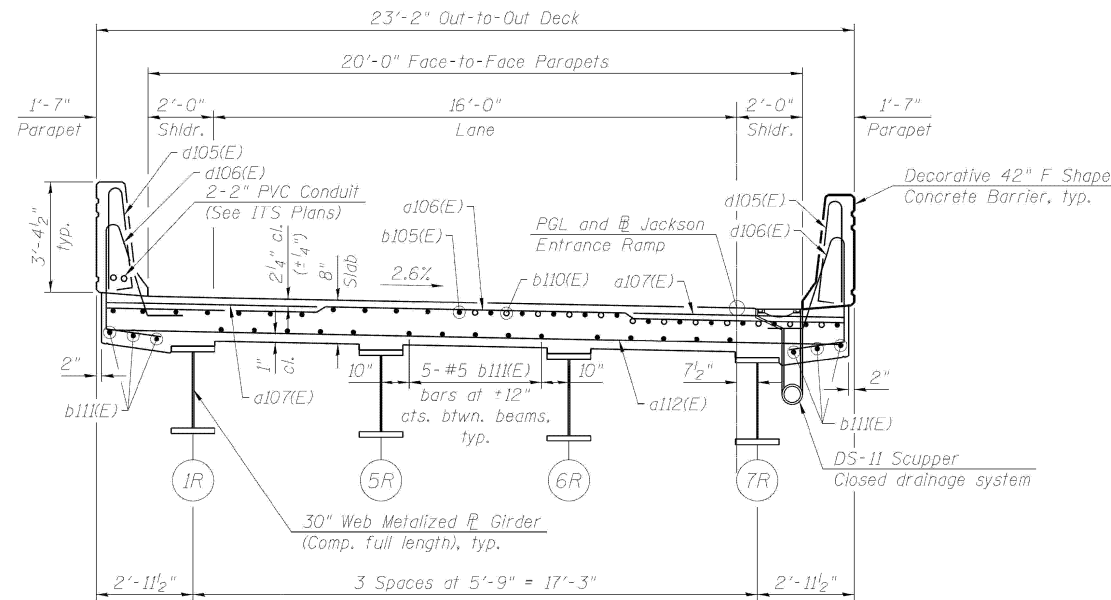
CROSS SECTION - RAMP

(Looking North, Sta. 8240+30.88 to Sta. 8241+10.88)
(Dimensions are measured perpendicular to Jackson Entrance Ramp)



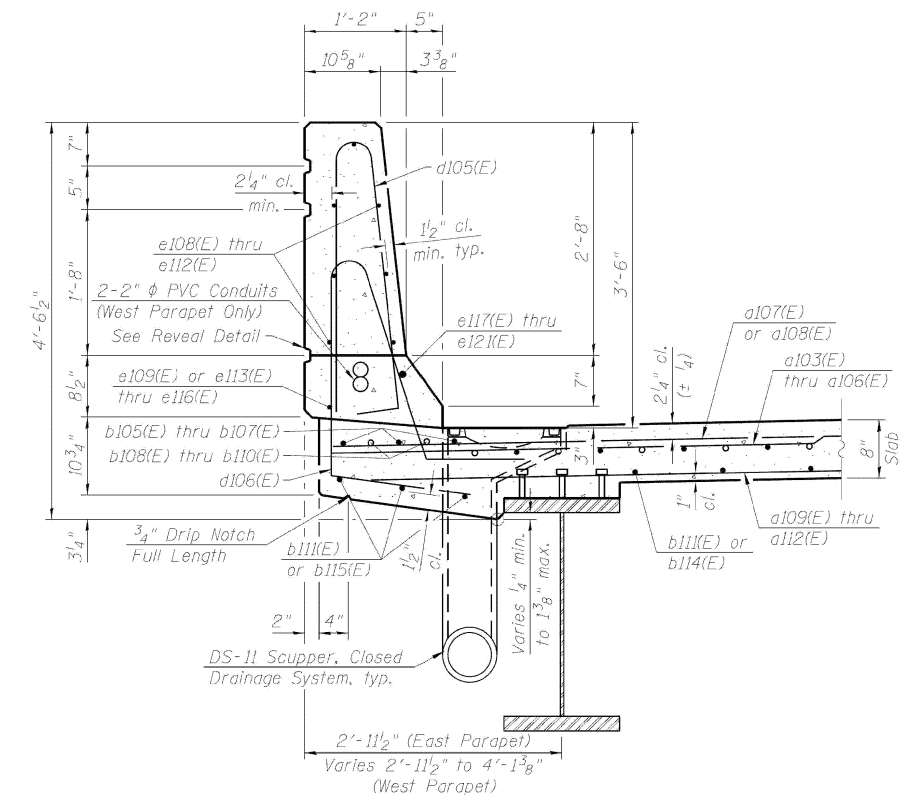
SECTION THROUGH NORTH PARAPET AT PIER

(Looking Up-Station at Pier, South Parapet similar, opposite hand)



CROSS SECTION - RAMP

(Looking North, Sta. 8241+10.88 to Sta. 8241+90.88)
(Dimensions are measured perpendicular to Jackson Entrance Ramp)



SECTION THRU WEST RAMP PARAPET AT PIER

(Looking Up-Station at Pier, East Parapet similar, opposite hand)

**CROSS SECTIONS - RAMP
STRUCTURE NO. 016-1702**

**LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A005 OF 7 SHEETS STA. TO STA.

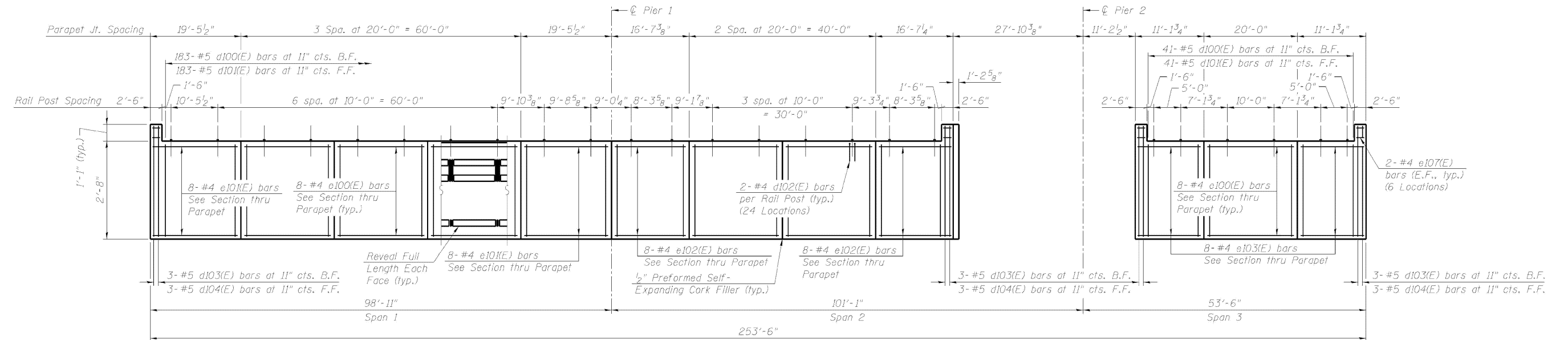
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	97
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

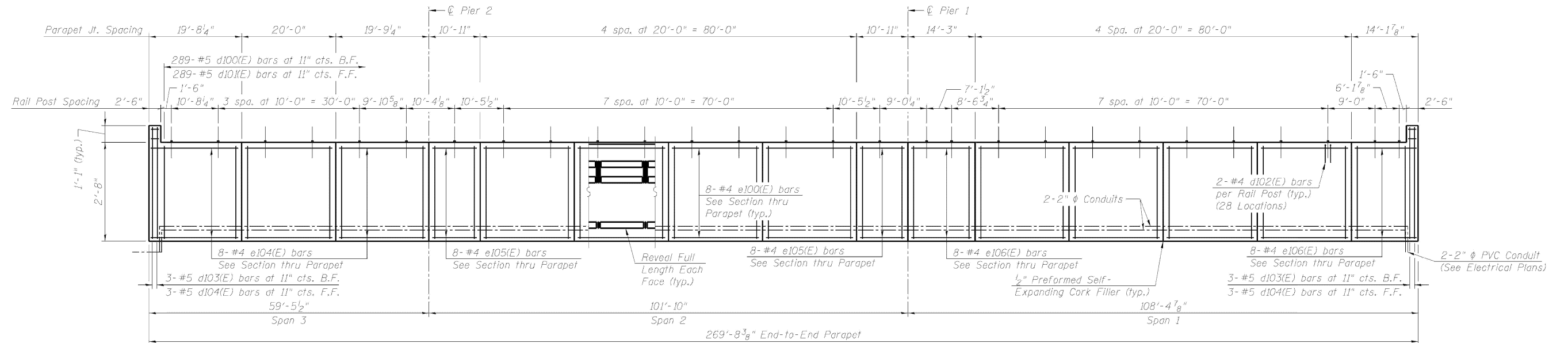
USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

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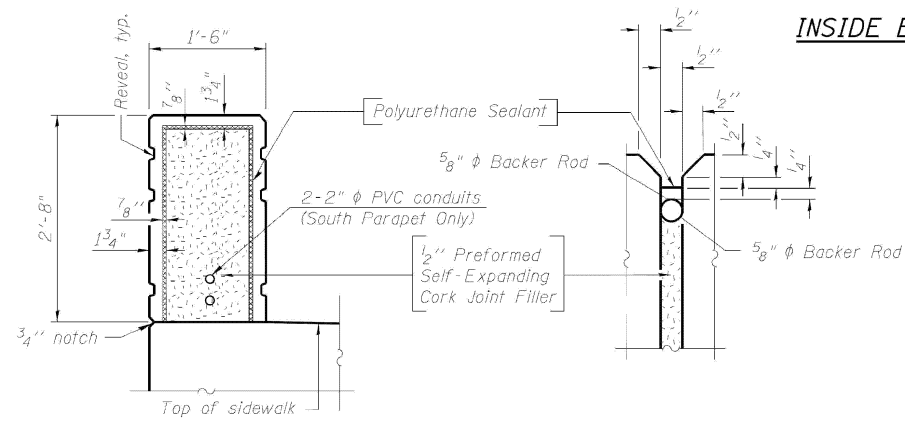
FOR INFORMATION ONLY



INSIDE ELEVATION OF NORTH PARAPET - JACKSON
(Looking North)



INSIDE ELEVATION OF SOUTH PARAPET - JACKSON
(Looking South)



PARAPET JOINT DETAILS

PARAPET ELEVATIONS - JACKSON
STRUCTURE NO. 016-1702

LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A006 OF 7 SHEETS STA. TO STA.

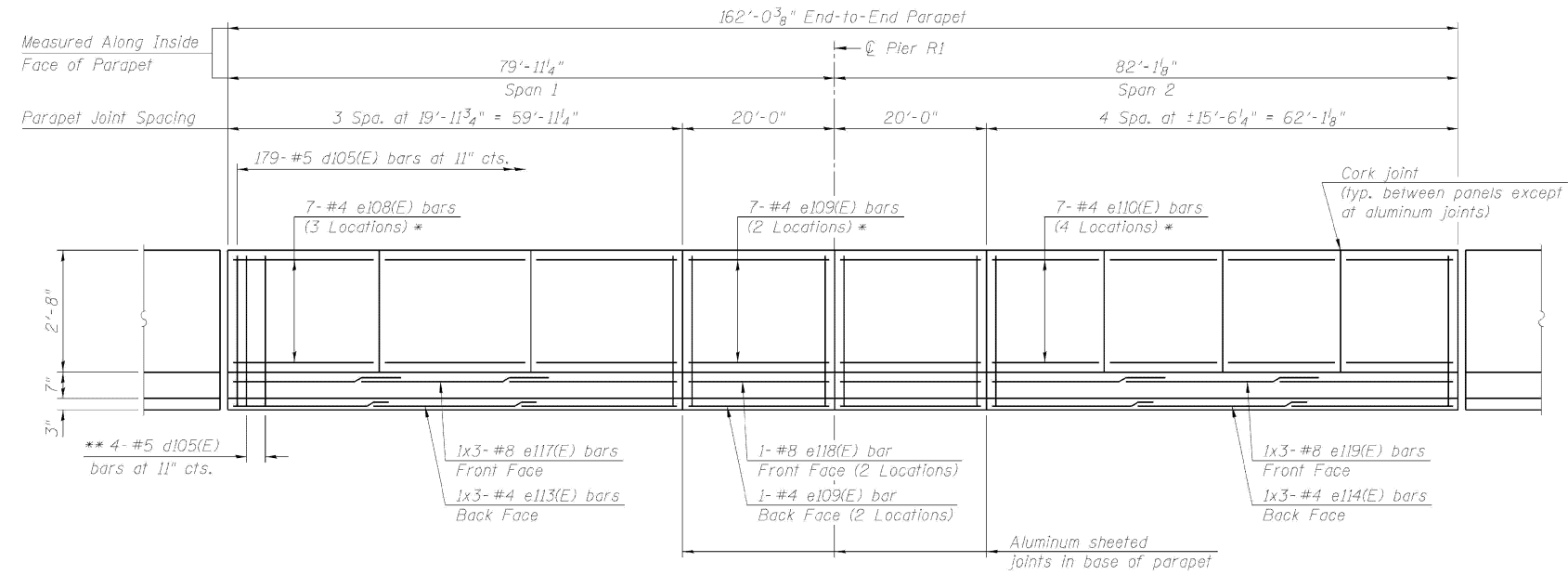
USER NAME = Ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

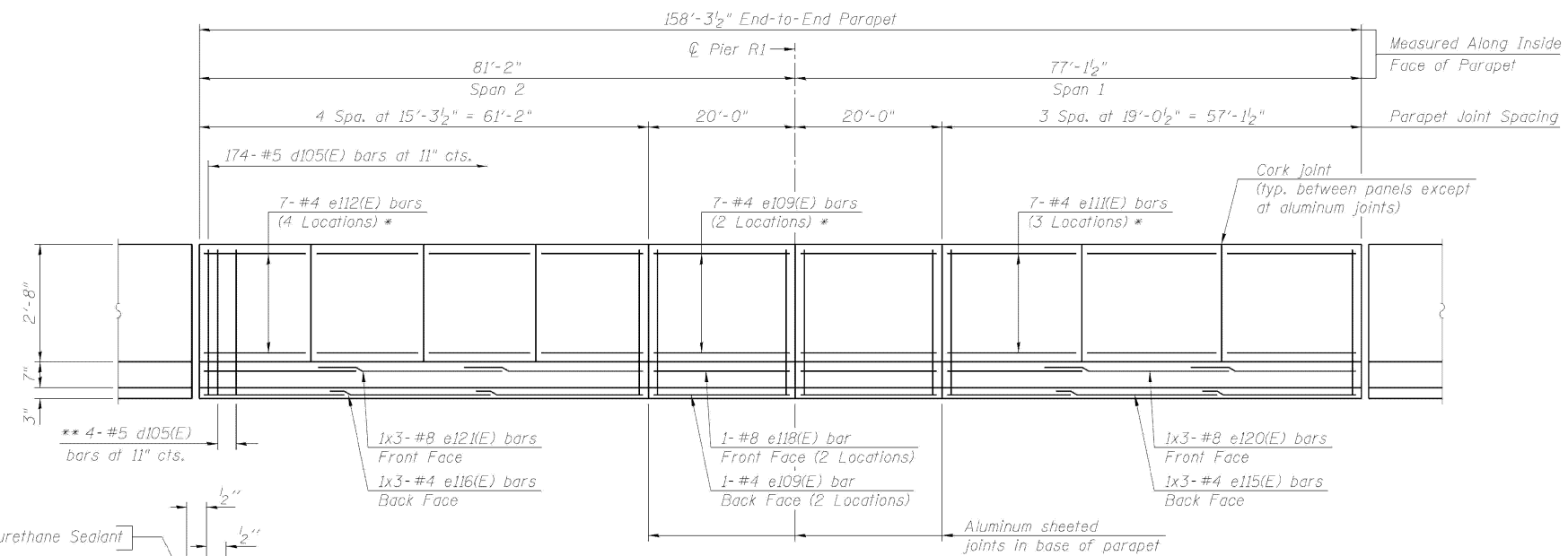
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	98
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

MODEL: 92 (Sheet)
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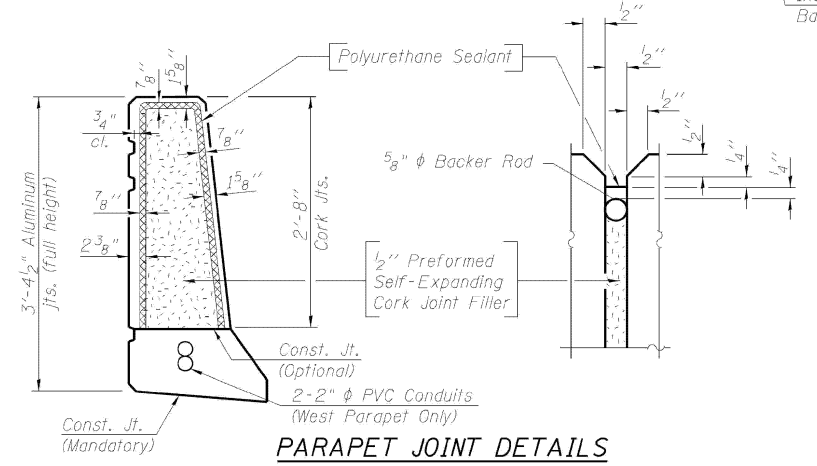
FOR INFORMATION ONLY



INSIDE ELEVATION OF WEST PARAPET - RAMP
(Looking West)



INSIDE ELEVATION OF EAST PARAPET - RAMP
(Looking East)



PARAPET JOINT DETAILS

PARAPET ELEVATIONS - RAMP
STRUCTURE NO. 016-1702

MODEL: 03 (Sheet)
FILE NAME: c:\pwworking\11677701\102925-shr-details.dgn

USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

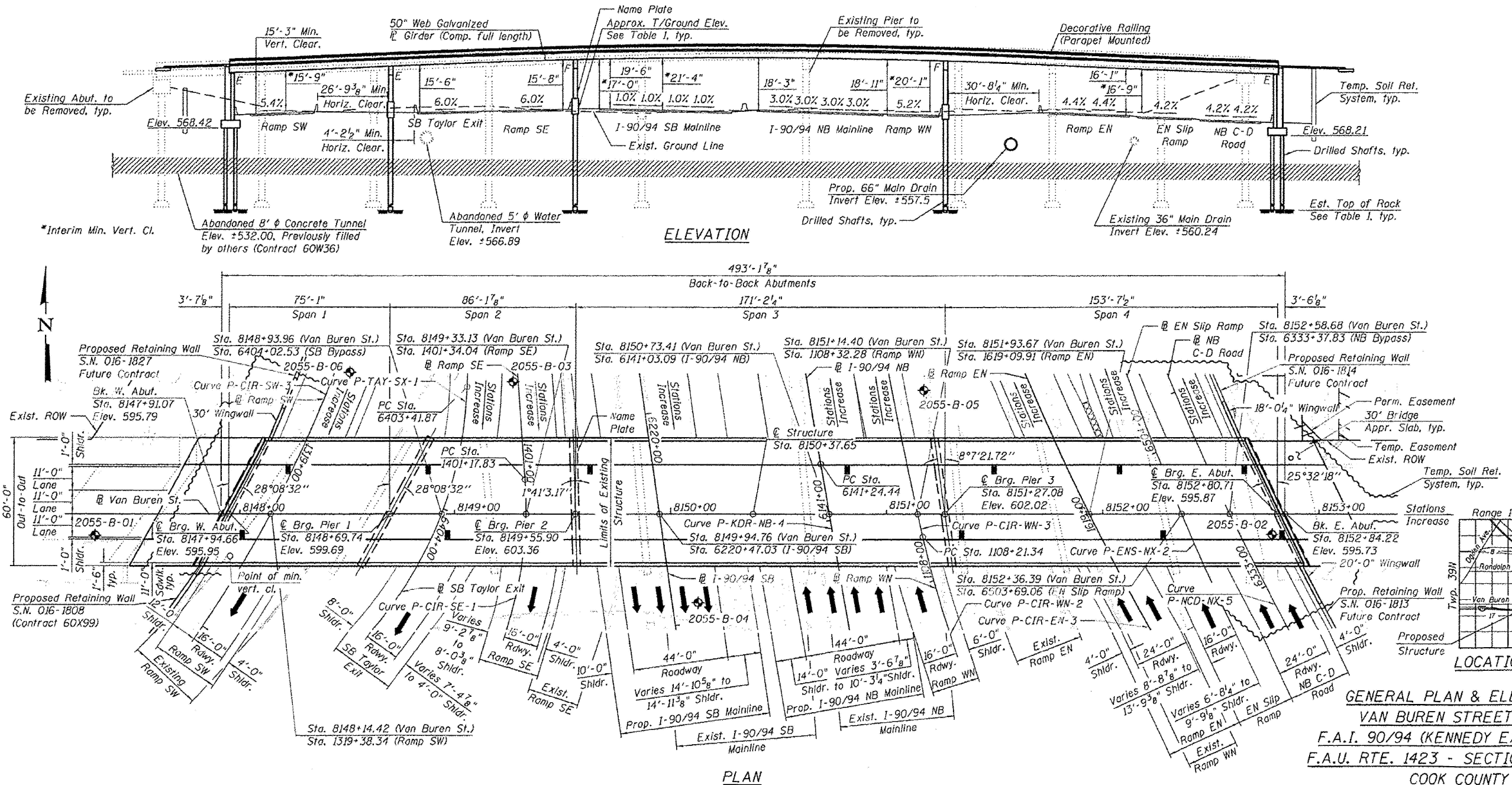
LOCATION 21: JACKSON BLVD OVER I-90/94 (SN 016-1702)
EXISTING STRUCTURE DETAILS

SCALE: SHEET A007 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	99
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				

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Existing Structure: SN 016-2055. Constructed in 1958 under F.A.I. Route 2, Section 0101.2-1B. The bridge was extended to the east and west in 1999 under Section 0202.2-4B-R. Nine span bridge that measures 514'-0" from back to back of abutments. Out-to-out width of 60'-2". The spans are supported by 36" wide flange beams. Substructure is reinforced concrete stub abutments and multi-column piers founded on Drilled Shafts. The existing bridge is to be removed and replaced.



**GENERAL PLAN & ELEVATION
VAN BUREN STREET OVER
F.A.I. 90/94 (KENNEDY EXPRESSWAY)
F.A.U. RTE. 1423 - SECTION 2014-017B
COOK COUNTY
STATION 8150+37.65
STRUCTURE NO. 016-1707**

MODEL: 94 (Sheet)
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USER NAME = ivan.diaz	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/4/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 22: VAN BUREN ST OVER I-90/94 (SN 016-1707)
EXISTING STRUCTURE DETAILS**

SCALE: SHEET A001 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2024-1009-BDS	COOK	192	100
CONTRACT NO. 62X44				
ILLINOIS FED. AID PROJECT				