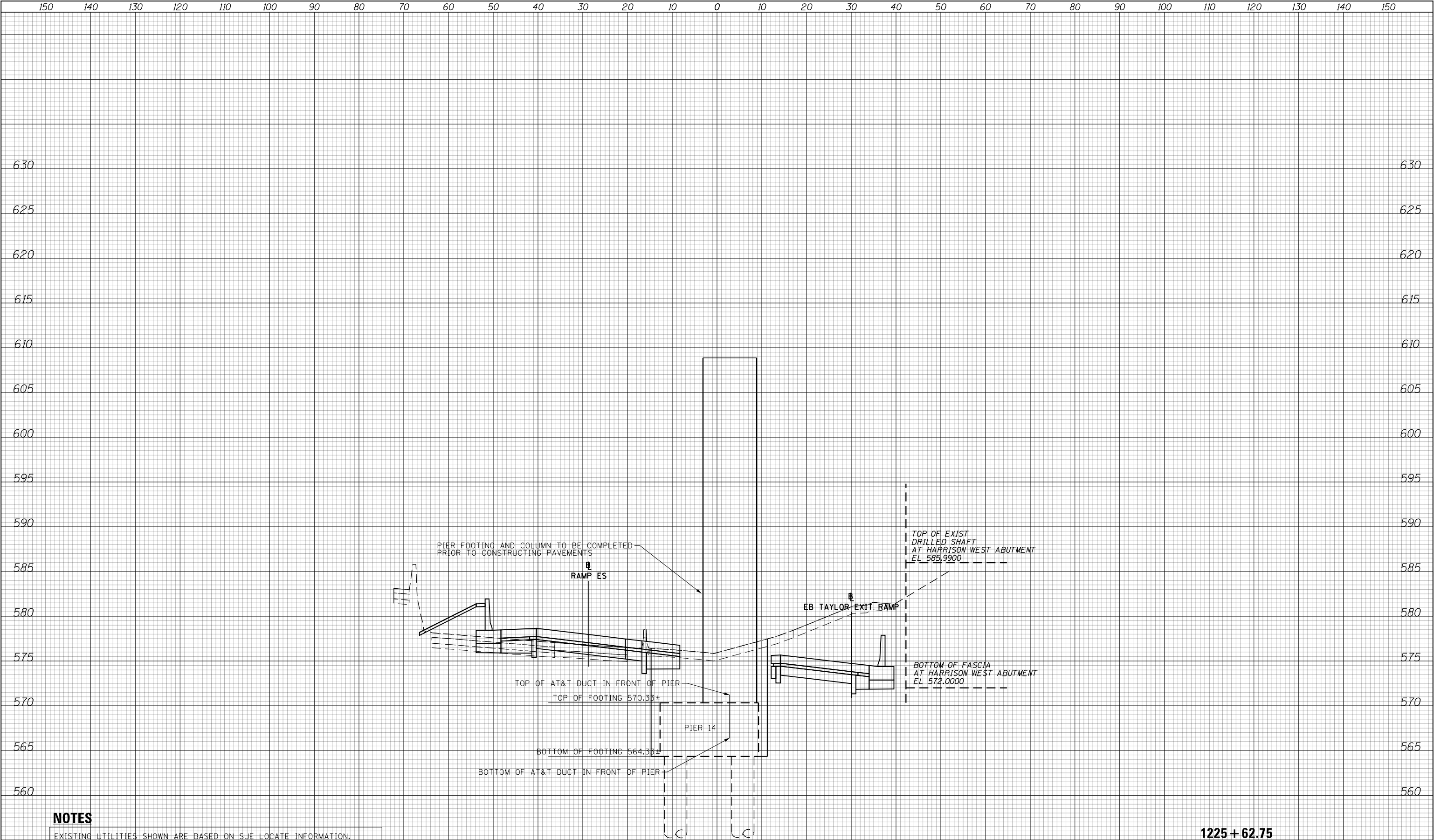


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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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NOTES

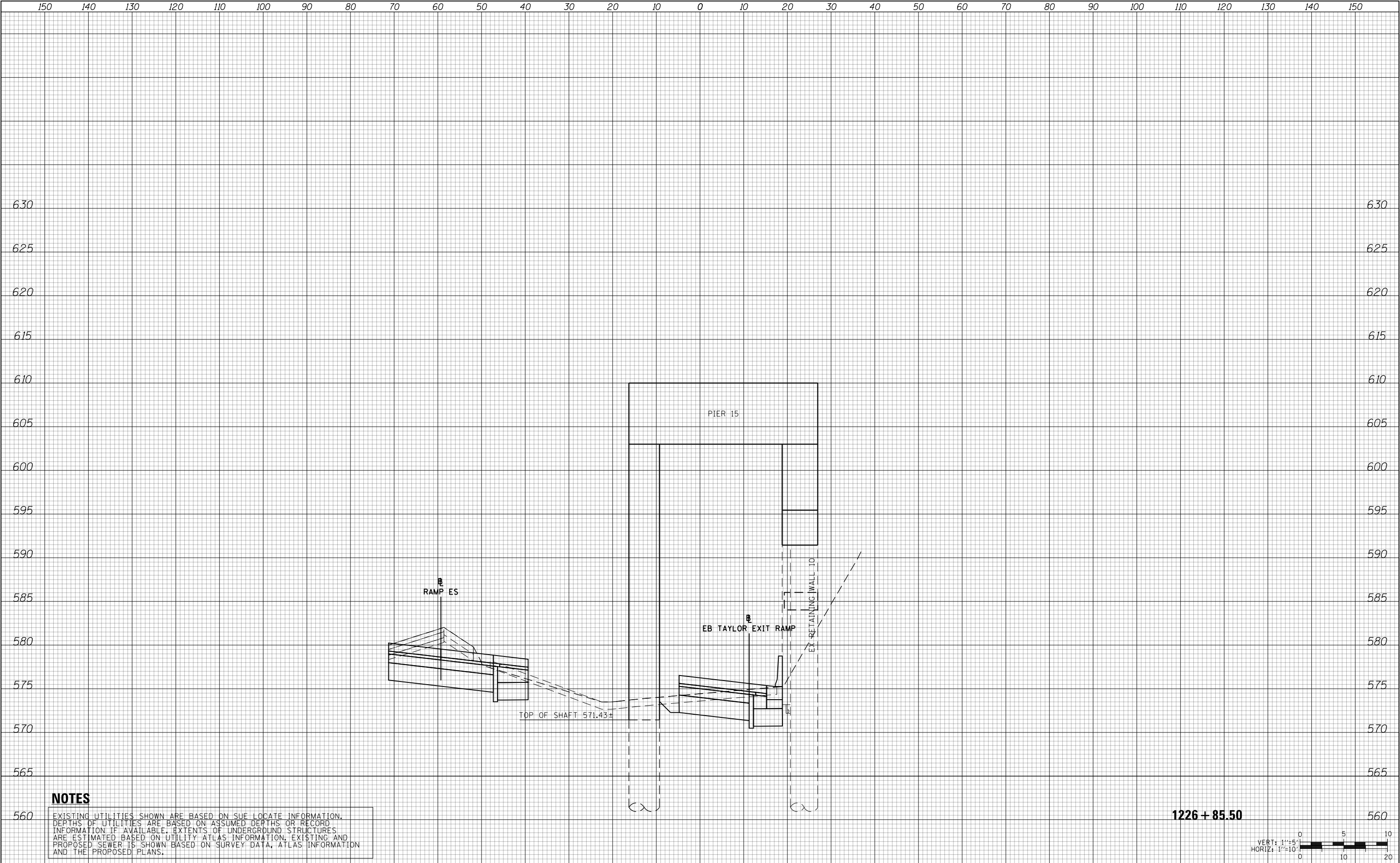
EXISTING UTILITIES SHOWN ARE BASED ON SUE LOCATE INFORMATION. DEPTHS OF UTILITIES ARE BASED ON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED BASED ON UTILITY ATLAS INFORMATION, EXISTING AND PROPOSED SEWER IS SHOWN BASED ON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.

1225 + 62.75



FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



NOTES

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1226 + 85.50



D160X93-SHT-XS-WS-Piers-Phase4.dgn	DESIGNED -	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

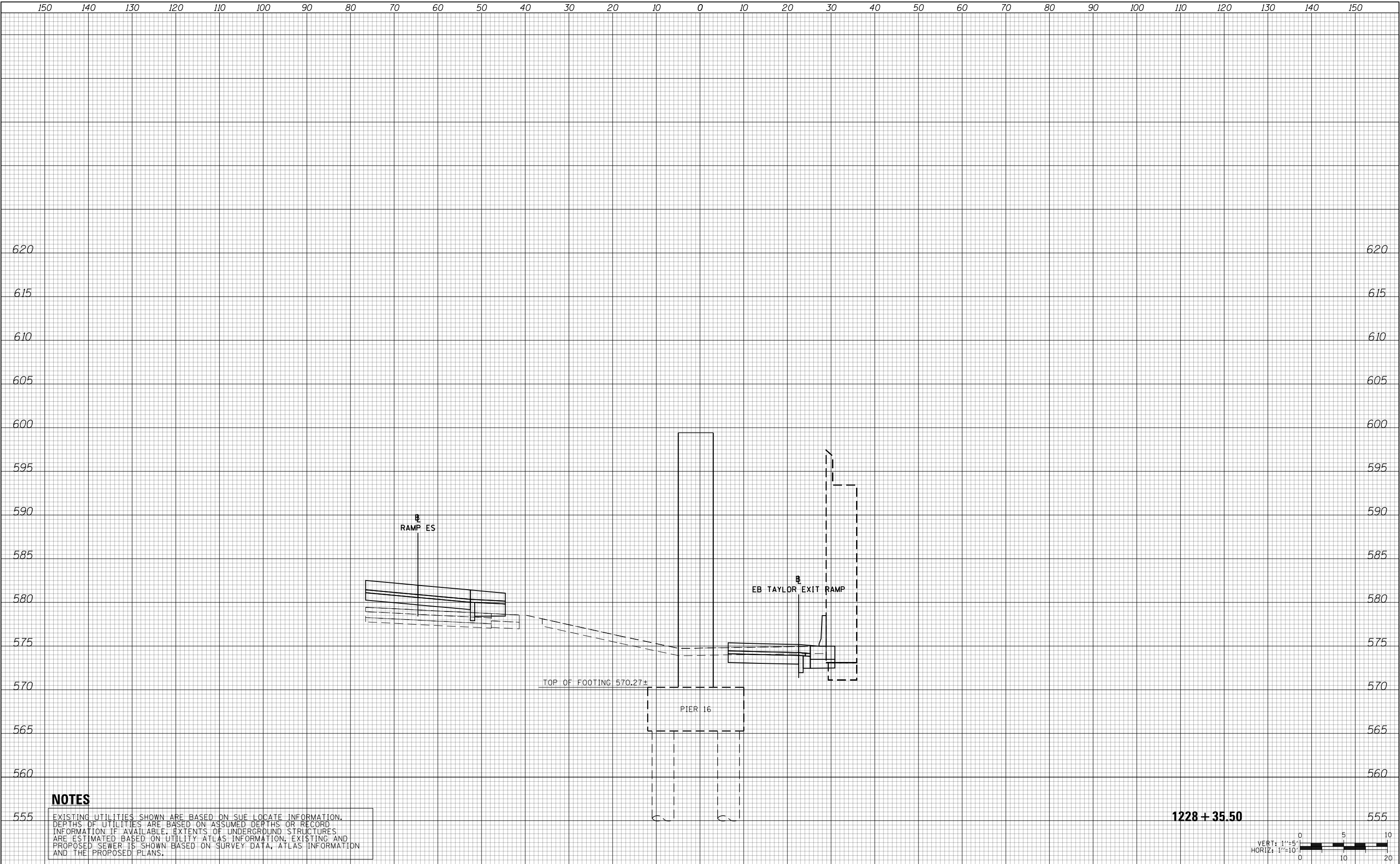
CROSS SECTIONS - KEY STATIONS
RAMP WS PIERS - STAGE 4

SCALE: 10'H 5"V SHEET 20 OF 26 SHEETS STA. 1226+85.50 TO STA. 1226+85.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1402
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

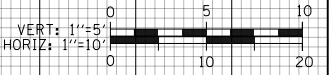
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



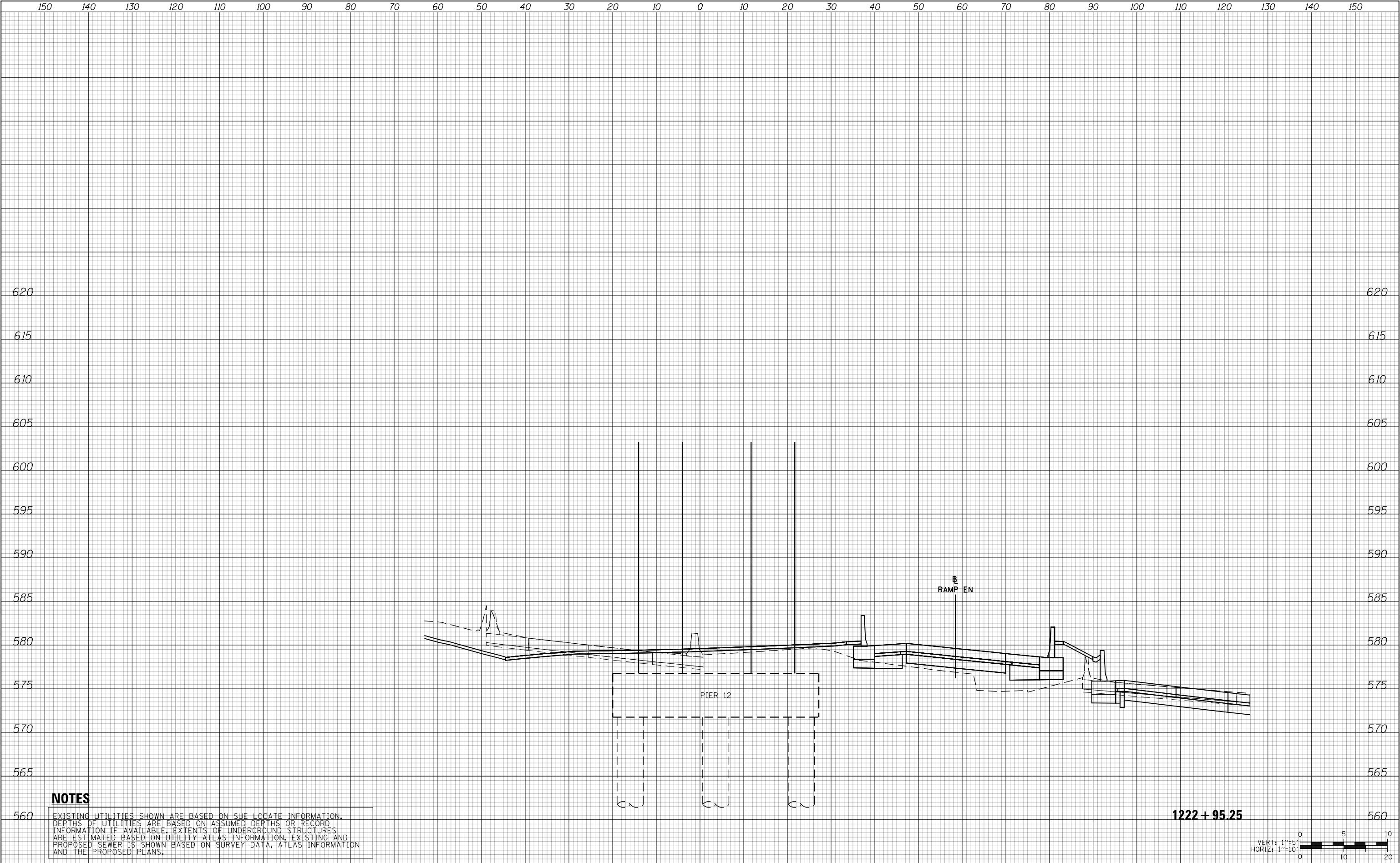
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EXISTING UTILITIES SHOWN ARE BASED ON SUE LOCATE INFORMATION. DEPTHS OF UTILITIES ARE BASED ON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED BASED ON UTILITY ATLAS INFORMATION, EXISTING AND PROPOSED SEWER IS SHOWN BASED ON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.



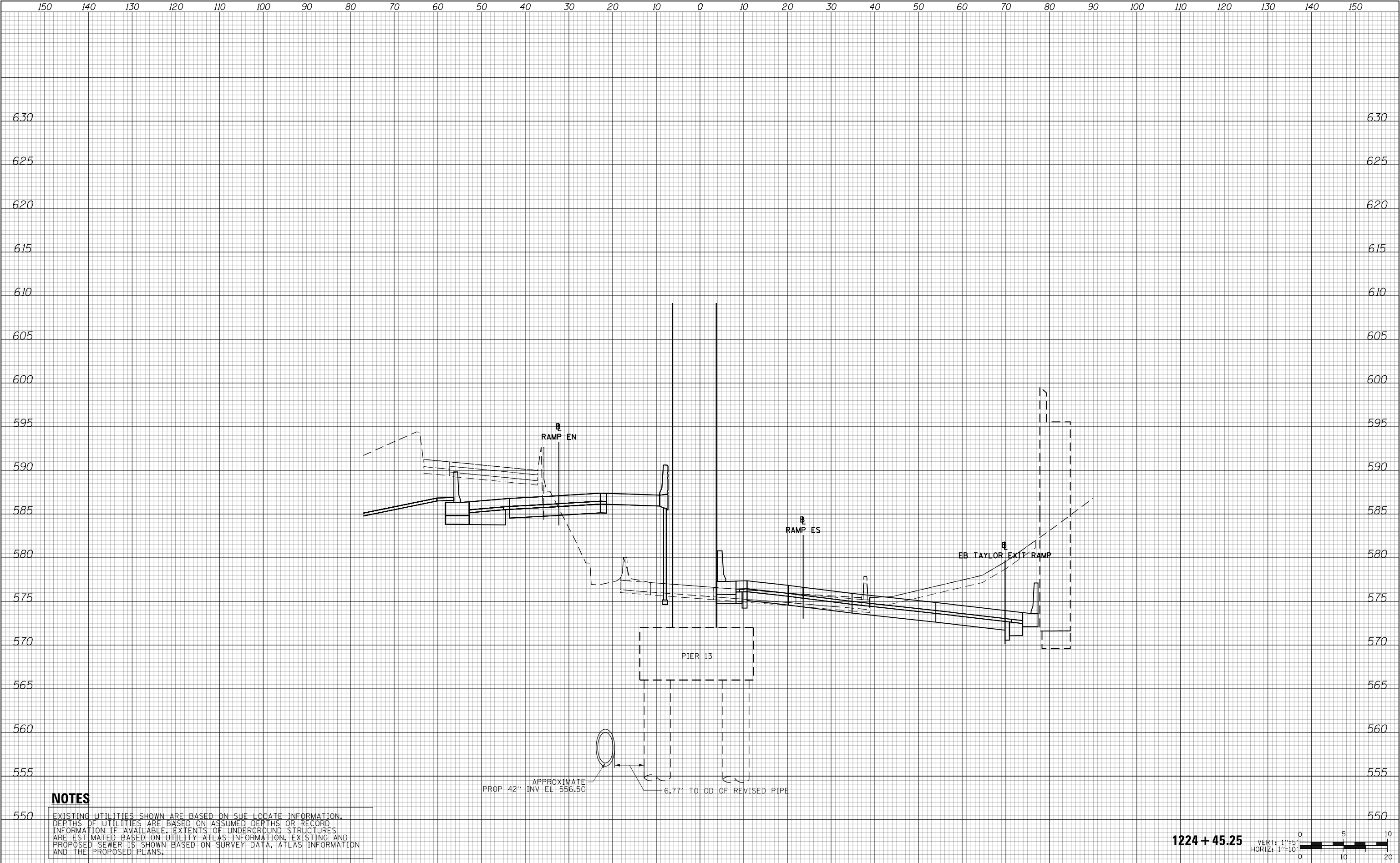
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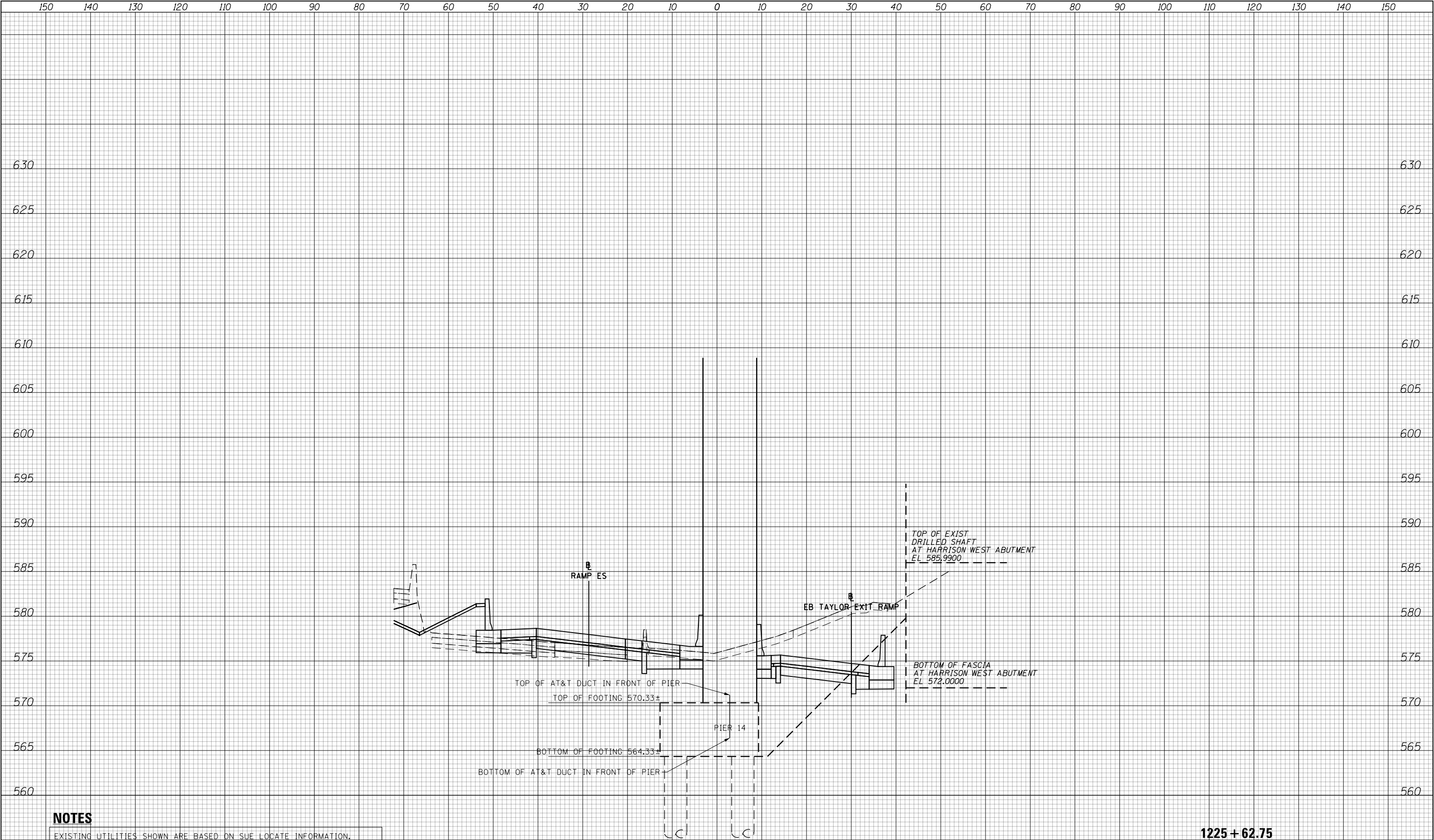
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1224 + 45.25



FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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NOTES

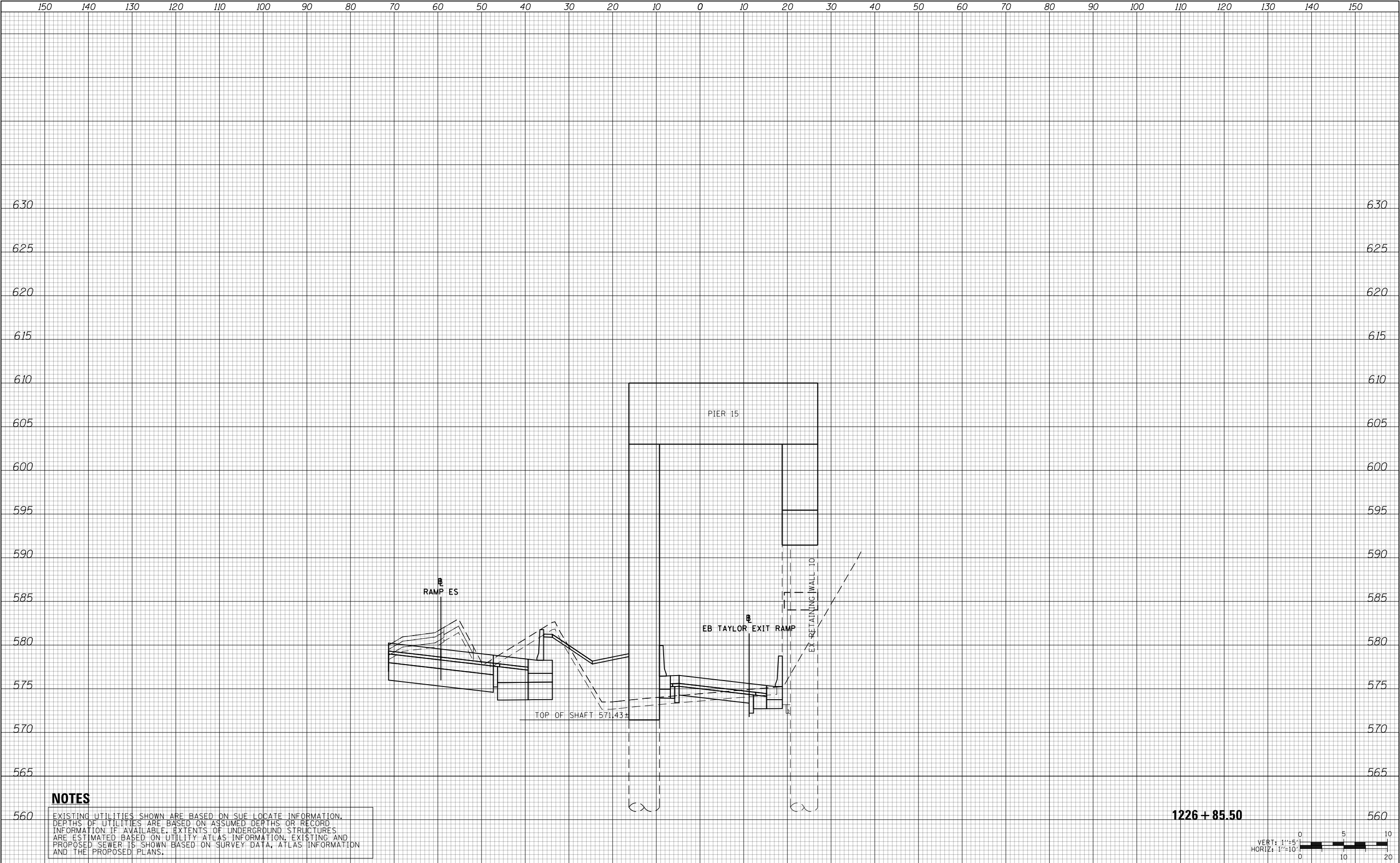
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1225 + 62.75



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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

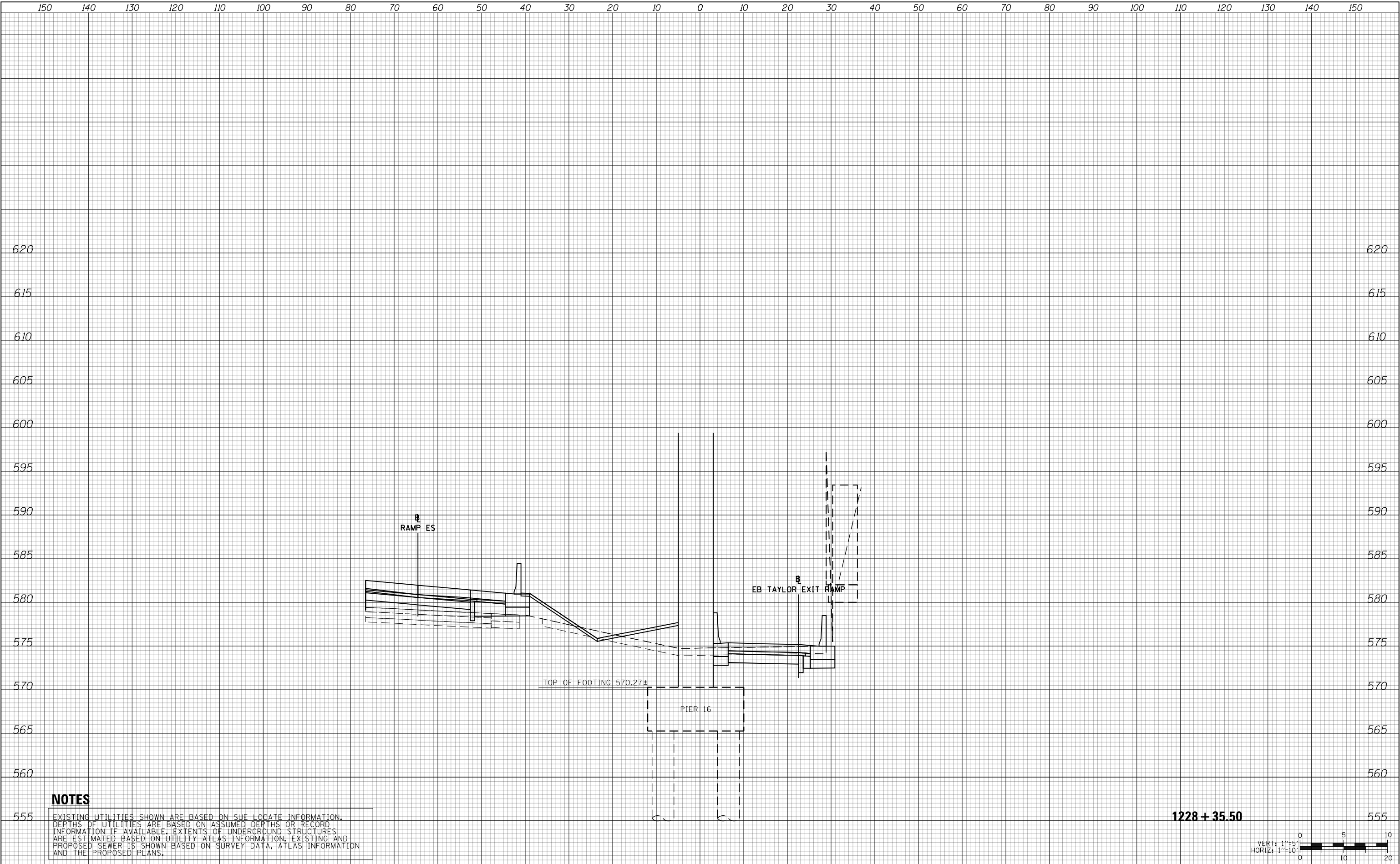
CROSS SECTIONS – KEY STATIONS
RAMP WS PIERS – STAGE 5

SCALE: 10'H 5"V SHEET 25 OF 26 SHEETS STA. 1226+85.50 TO STA. 1226+85.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1407
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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1228 + 35.50



FOR INFORMATION ONLY

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1410-1411 F.A.I. Route No. 1
Project I-01-4 (66)
Section 2424.28-B

Structural Plans for Existing Ramp SE Concrete Bents dated June 9, 1957

1412-1436 F.A.I. Route No. 90/94
Sections 2526.6-1P-R-3, 2626.2-2B-DM, and 0101.6-1P-R(85)

Structural Plans for Polk Street Bridge Demolition and Retaining Walls 8,11 and 12 dated May 1987

1437-1446 F.A.I. Route No. 90/94
Section 1985-080R

Structural Plans for Taylor Street Exist Ramp over SB Coll. Dist. and Retaining Walls 9 and 10 dated July 2 abd August 14, 1987

1446-1453 F.A. Route 131
Project U.I. 261 (5)
Section 062-2424.2-M.F.T.

Structural Plans for I-290 (Congress) Viaduct over Des Plaines Street to canal Street Sub-Piers dated 1949

1456-1625 F.A. Route 131
Project U.I. 261 (5)
Section 062-2424.4-M.F.T.

Structural Plans for I-290 (Congress) Viaduct over Des Plaines Street to Canal Street dated 1950

1626-1787 F.A.I. Route 90/94
Project ACNHPP-000V(063)
C-91-189-14
Contract No. 60X78

Structural Plans for I-290 (Congress) Viaduct over Des Plaines street to Canal Street dated 2016

1788-1924 F.A.I. Route 94
Project I-IX-94-3(239)51
C-91-114-79
Section 1975-117-R
Contract No. 33906

F.A.P. Route 411
Project IX-411-5(3)
C-91-229-75
Section 1977-116-R
Contract No. 33906

Structural Plans for Circle Interchange and Eisenhower Expressway Rehabilitation dated 1979

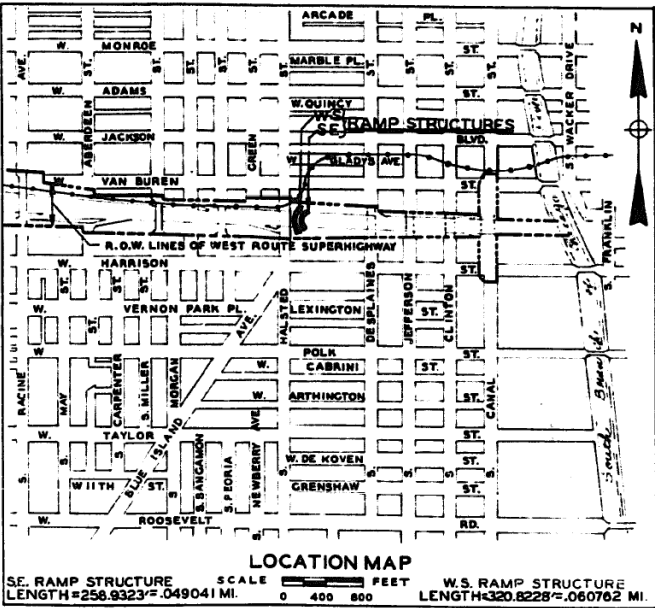
1925-1972 F.A.I. Route No. 94
Project I-94-3(1)-51
Section 0101.6-1P

Structural Plans for Circle Interchange Ramps dated 1959

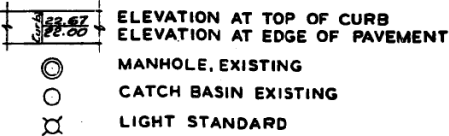
LIST OF PLANS

SHEET NO	TITLE GENERAL PLANS	PAGE NO
G-1	TITLE SHEET	1
G-2	GENERAL PLAN	2
G-3	SECTIONS	3
G-4	WEST-SOUTH AND SOUTH-EAST RAMPS	4
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S-1	FOUNDATION PLAN AND SUB-PIER SCHEDULE	5
S-2	CONCRETE BENTS, WS RAMP DIMENSIONS AND ELEVATIONS	6
S-3	CONCRETE BENTS, S.E. RAMP DIMENSIONS AND ELEVATIONS	7
S-4	CONCRETE BENTS, REINFORCEMENT AND DETAILS	8
S-5	STRUCTURAL STEEL FRAMING PLAN	9
S-6	STRUCTURAL STEEL DETAILS	10
S-7	STRUCTURAL STEEL EXPANSION GUARDS	11
S-8	DECK SLAB, PLAN AND DETAILS	12
ARCHITECTURAL PLANS		
A-1	PLAN OF RAILINGS	13
A-2	ELEVATIONS OF RAILINGS, S.E. RAMP	14
A-3	ELEVATIONS OF RAILINGS, W.S. RAMP	15
A-4	PLAN OF RAILING, DETAILS AT EXPANSION JOINTS	16
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E-1	PLAN FOR ELECTRICAL WORK	18

STATE OF ILLINOIS
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
WEST ROUTE SUPERHIGHWAY
PLANS FOR
HALSTED STREET INTERCHANGE
WS AND SE RAMP STRUCTURES
OVER THE WEST ROUTE SUPERHIGHWAY
SECTION 2424.28-B
F.A.I. ROUTE NO.1 PROJECT I-01-4 (66)



CONVENTIONAL SIGNS



SUMMARY OF ITEMS

ITEM NO.	UNIT	QUANTITY	DESCRIPTION
1	C.U.YD.	2900	SPECIAL EXCAVATION
2	C.U.YD.	100	CLASS A EXCAVATION FOR STRUCTURE
3	C.U.YD.	850	CLASS X CONCRETE
4	LB.	220,000	REINFORCEMENT BARS
5	LB.	730,000	STRUCTURAL STEEL
6	LIN. FT.	475	SUB-PIER SHAFTS, 39-INCH DIAMETER
7	LIN. FT.	195	SUB-PIER SHAFTS, 45-INCH DIAMETER
8	CU. FT.	1050	SUB-PIER BELLS
9	LIN. FT.	1160	METAL HANDRAIL
10	LIN. FT.	625	2 1/2-INCH STEEL CONDUIT
11	LIN. FT.	25	6-INCH CAST IRON PIPE AND FITTINGS
12	LIN. FT.	45	8-INCH CAST IRON PIPE AND FITTINGS
13	EACH	5	LIGHT STANDARDS

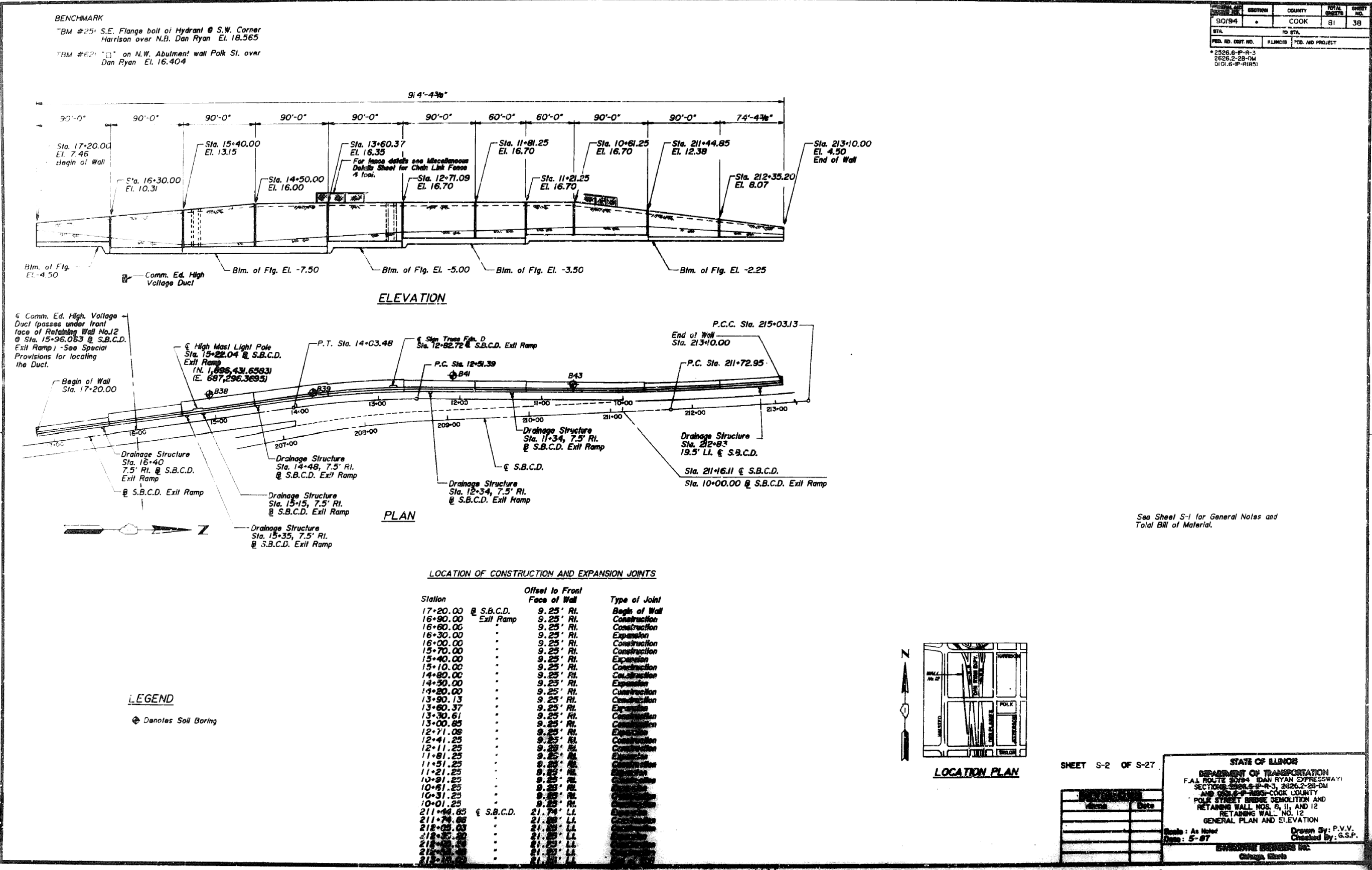
CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
DATE JUNE 9, 1957
APPROVED [Signature]
CHIEF SUBWAY AND SUPERHIGHWAY ENGINEER
APPROVED [Signature]
ASSISTANT CHIEF ENGINEER
APPROVED [Signature]
CHIEF ENGINEER
APPROVED [Signature]
COMMISSIONER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED [Signature] 19 [Signature]
DIVISION ENGINEER DATE

THE DEPARTMENT OF
PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS
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SHEET NO. G-1

FOR INFORMATION ONLY



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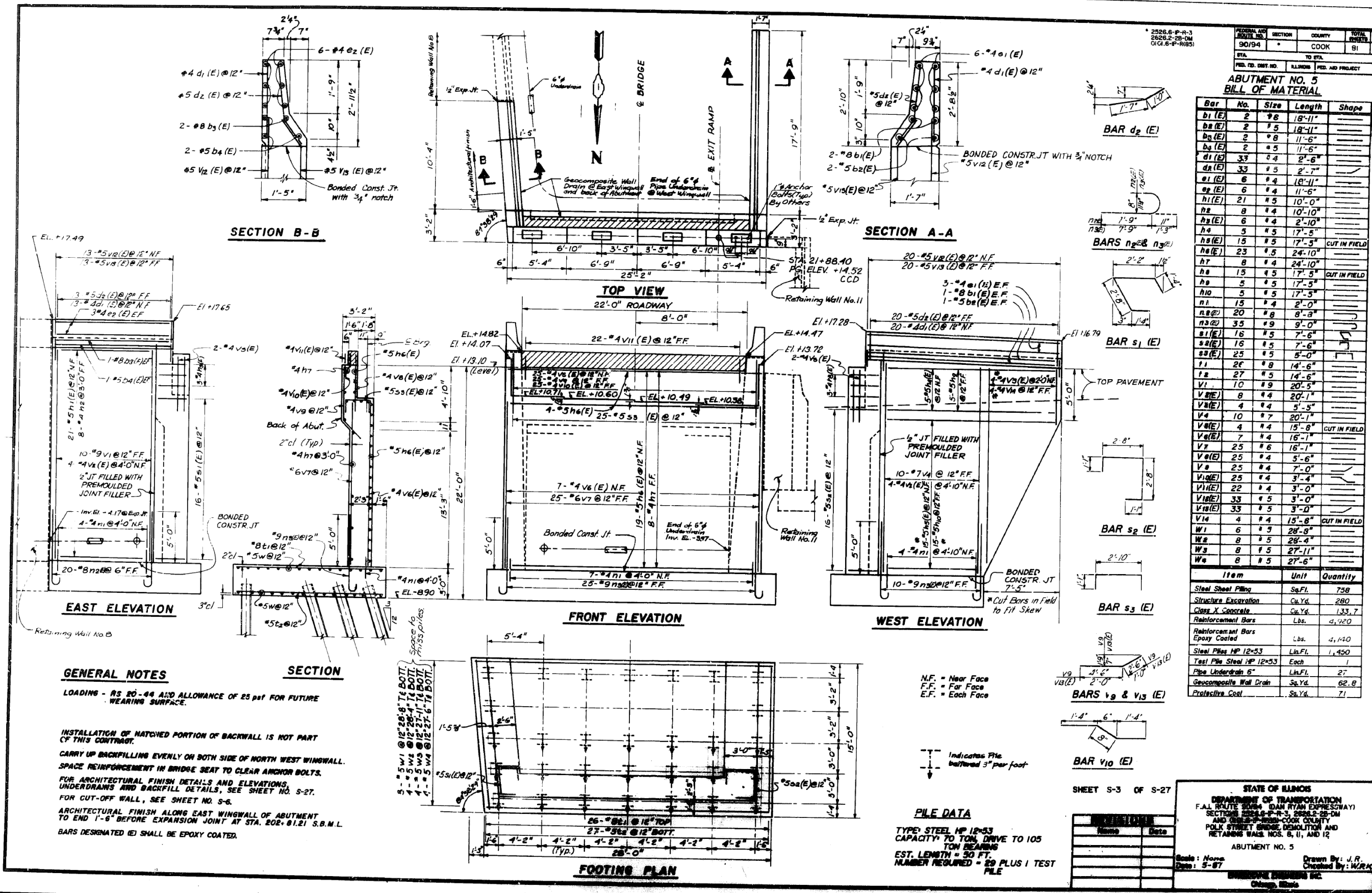
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PLOT SCALE	=	N.T.S	DRAWN	-	REVISED	-
PLOT DATE	=	7/26/2018	CHECKED	-	REVISED	-
			MI, MAI			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1412
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

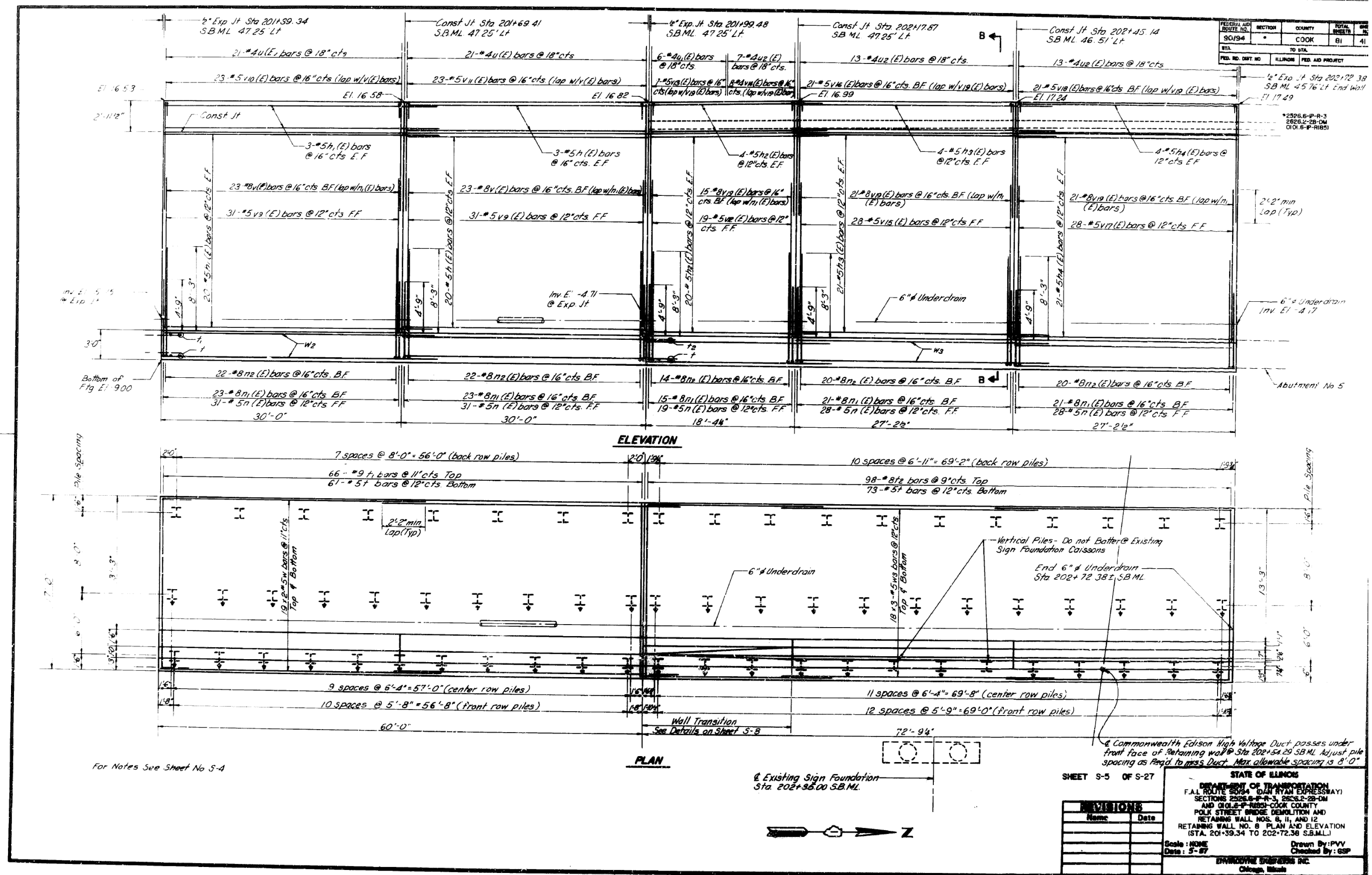
FOR INFORMATION ONLY



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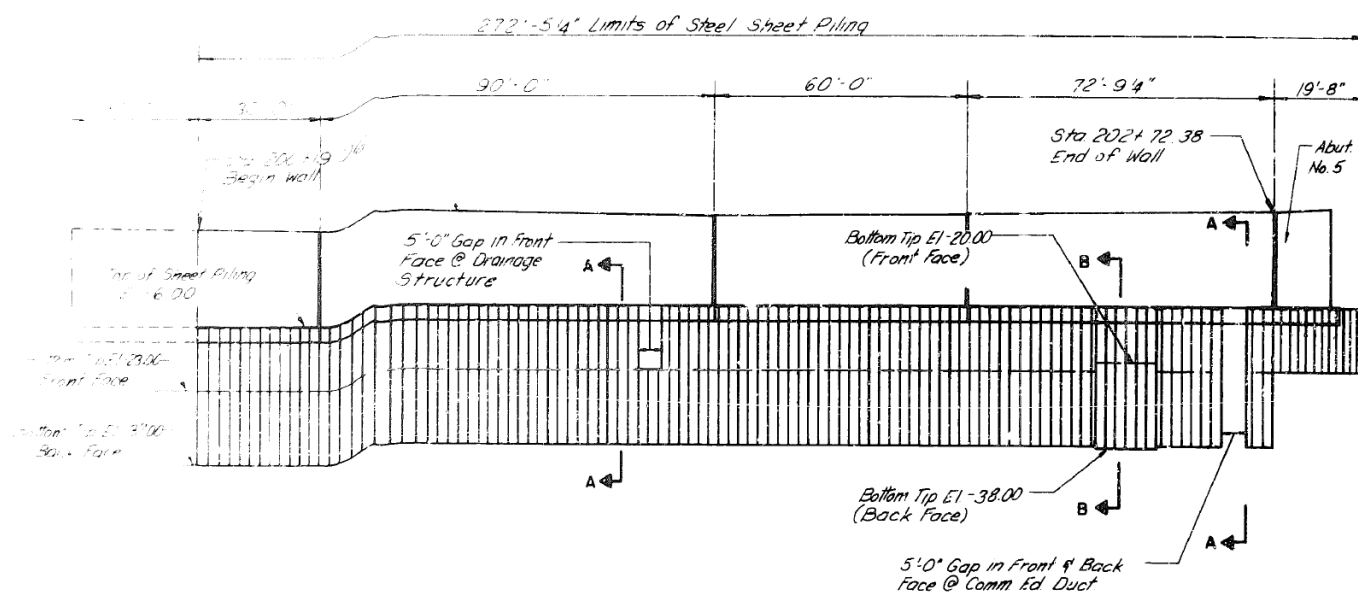


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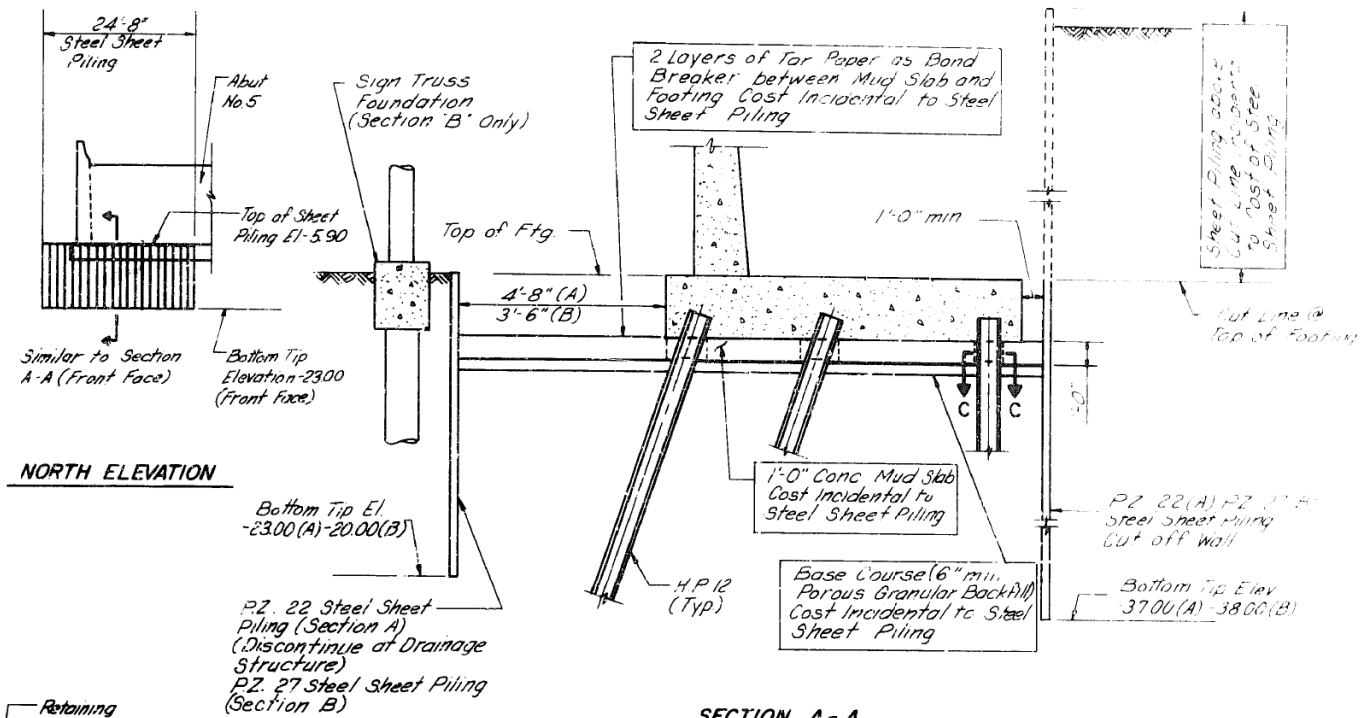


FOR INFORMATION ONLY

2526.6-P-P-3
2526.2-PH-DM
0101.6-P-0005

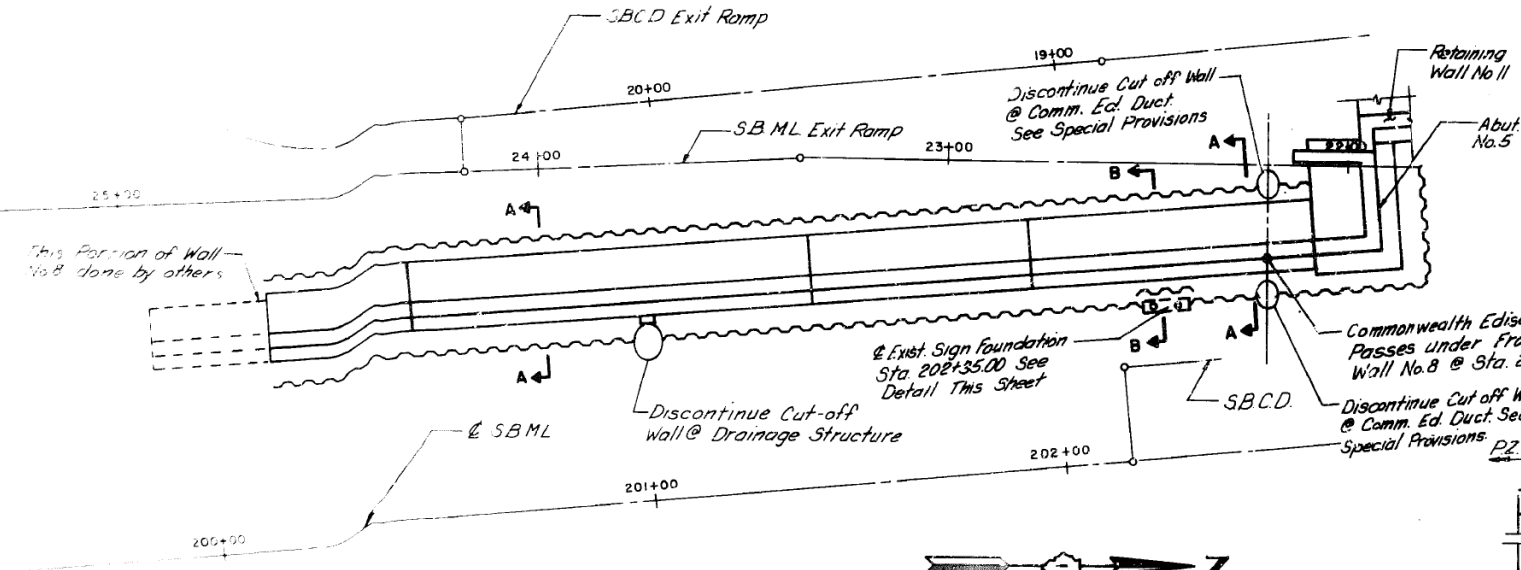


EAST ELEVATION

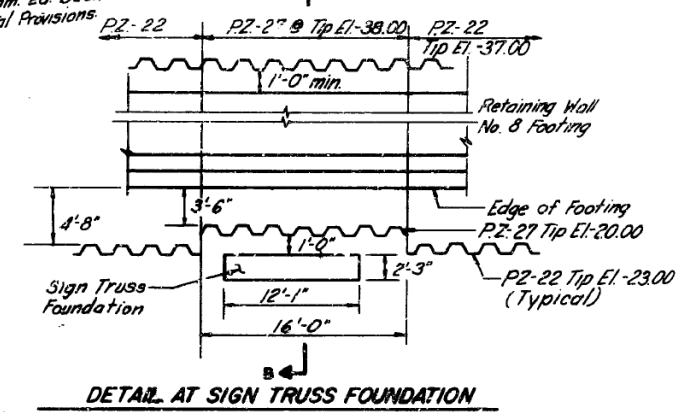


NORTH ELEVATION

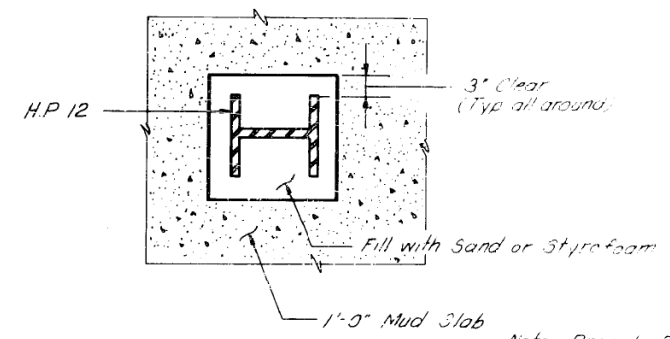
SECTION A-A
SECTION B-B



PLAN



DETAIL AT SIGN TRUSS FOUNDATION



SECTION C-C

Note: Provide 3" min. clearance between Drainage Structure & Mud Slab in accordance with requirements shown in Sect. CC

SHEET S-6 OF S-27

REVISIONS	
Name	Date

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTIONS 2526.6-P-P-3, 2626.2-PH-DM
AND 0101.6-P-0005 COOK COUNTY
POLK STREET BRIDGE DEMOLITION AND
RETAINING WALL NOS. 8, 11, AND 12
RETAINING WALL NO. 8
CUT-OFF WALL DETAILS

Scale: NONE
Date: 5-87

Drawn By: PVV
Checked By: GSP

ENGINEERING GROUP, INC.
Chicago, Illinois



USER NAME =	ahmad,issa	DESIGNED -	REVISD -
CHECKED -		REVISD -	
PLOT SCALE =	N.T.S	DRAWN -	REVISD -
PLOT DATE =	7/26/2018	CHECKED -	MI, MAI
		REVISD -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1416
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE NAME: DWG\161749-PWINT-accomonline\local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\0161805-60X93-508-Existing8

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FOR INFORMATION ONLY

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

* 2328.0-P-R-3
2328.2-28-DM
0101.0-P-R(85)

FEDERAL AID ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
90/94	"	COOK	81	43
STA		TO STA		
FED RD DIST NO	ILLINOIS		FED AID PROJECT	

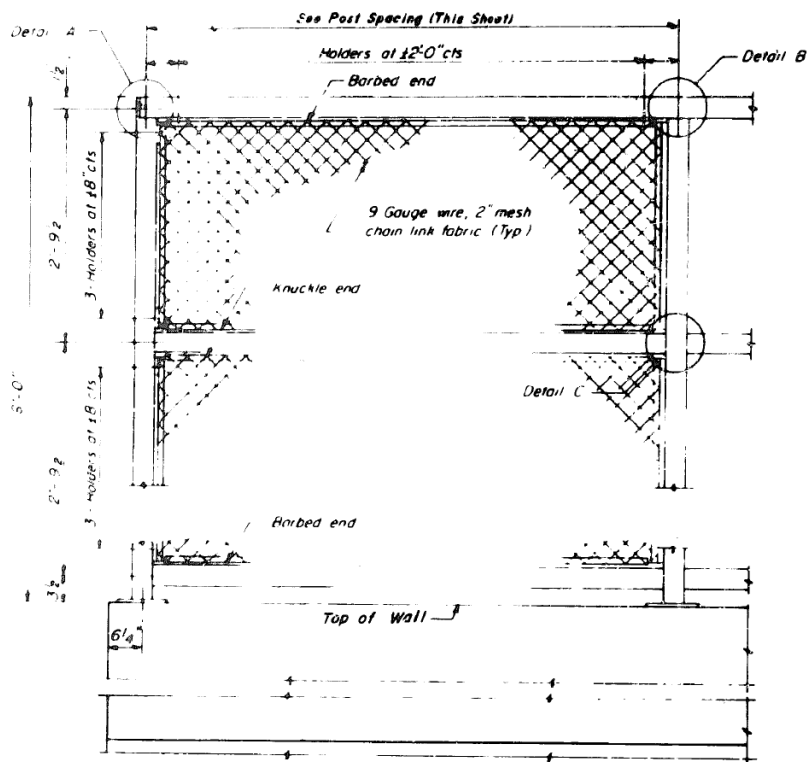
NOTES

Railing shall be in accordance with Section 508 of the Standard Specifications, except as noted, and shall be paid for at the Contract Unit Price per linear foot for Pedestrian Railing. The 9 gauge fabric ties shall be in accordance with Article 710.33(1) of the Standard Specifications.

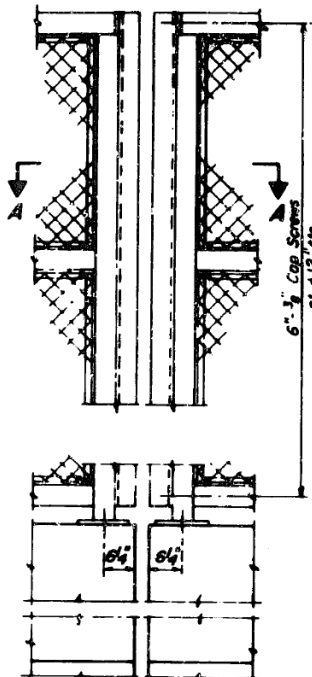
Installation of the chain link fabric shall be in accordance section 629 of the Standard Specifications.

Hollow structural steel tubing shall conform to the requirements of ASTM designation A 500, Grade B, structural steel tubing.

All other steel shapes and plates shall conform to the requirements of AASHTO M183.



ELEVATION
(Inside Face)

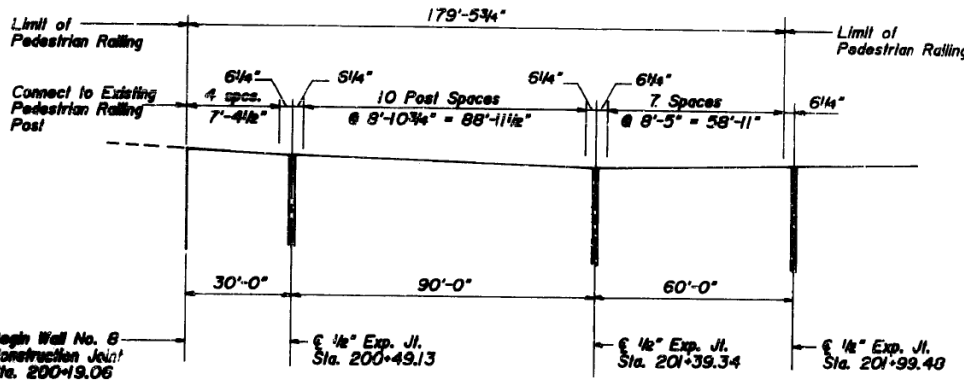


ELEVATION
(At Expansion Joint)

DETAIL A

DETAIL B

DETAIL C



POST SPACING

NOTES

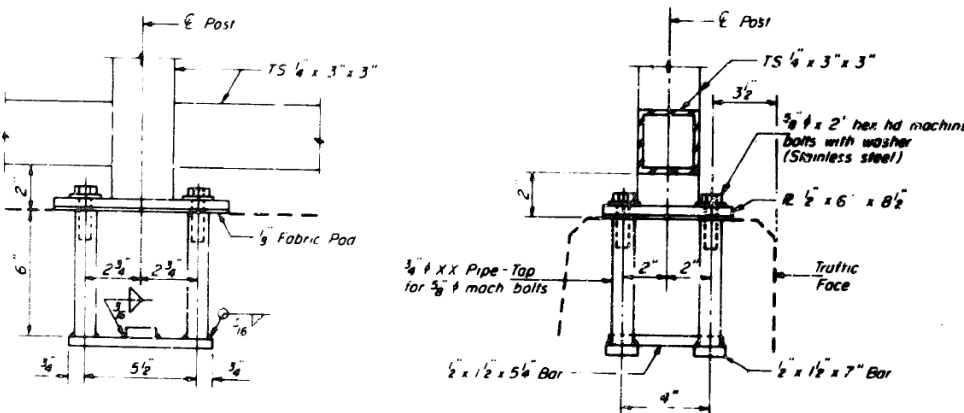
All posts, railing, splices, anchor devices and bant plates shall be galvanized after shop fabrication in accordance with AASHTO M-111 and ASTM A-395. All bolts, nuts and washers shall be galvanized in accordance with AASHTO M-232.

Vent holes for galvanizing shall be placed in the posts and rails at locations that will not allow the accumulation of moisture in the members.

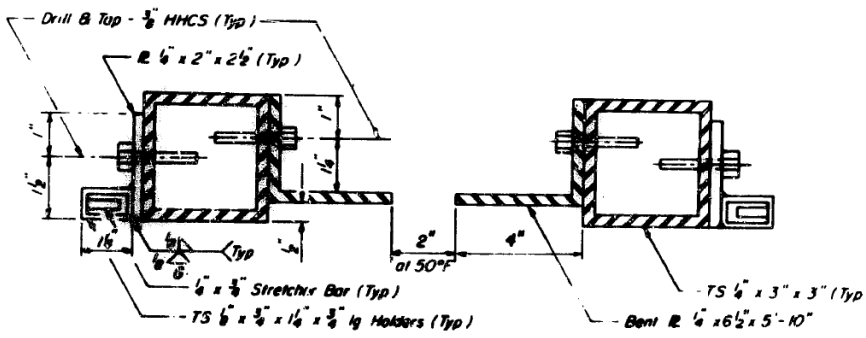
The chain link fabric shall conform to the requirements of Article 710.33(a)(2) or (3) of the Std. Specs.

BILL OF MATERIAL

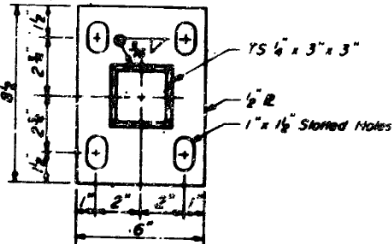
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Pedestrian Railing - 6'	L.F.	180



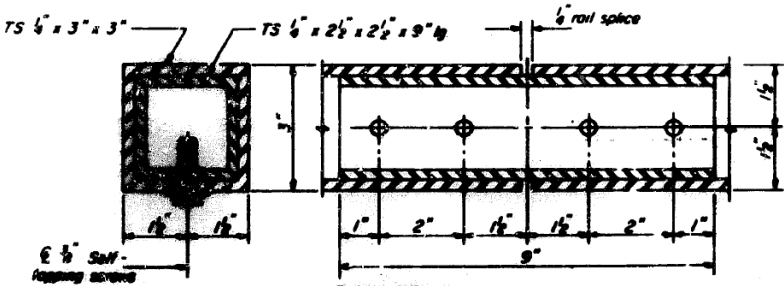
ANCHOR BOLT DETAILS



SECTION A-A



BASE R



RAIL SPLICE

SHEET S-7 OF S-27

NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 2804 (SAN RYAN EXPRESSWAY)
SECTIONS 2328.0-P-R-3, 2328.2-28-DM
AND 0101.0-P-R(85) COOK COUNTY
POLK STREET BRIDGE DEMOLITION AND
RETAINING WALL NOS. 8, 11, AND 12
PEDESTRIAN RAILING

Drawn by: PVV
Checked by: JEP
ENVIROTECH ENGINEERS INC.
Chicago, Illinois



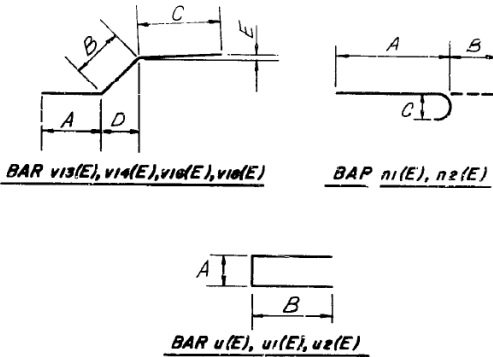
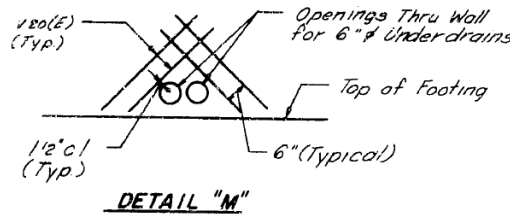
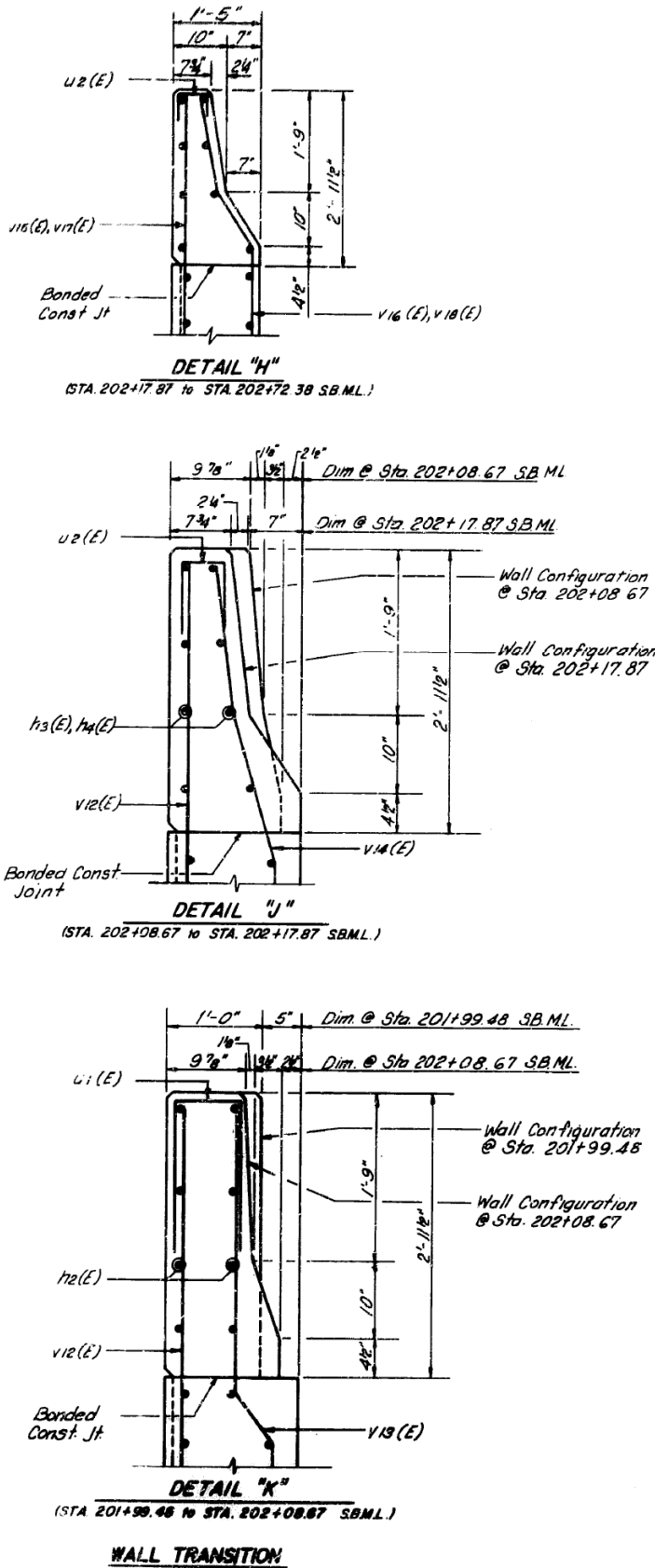
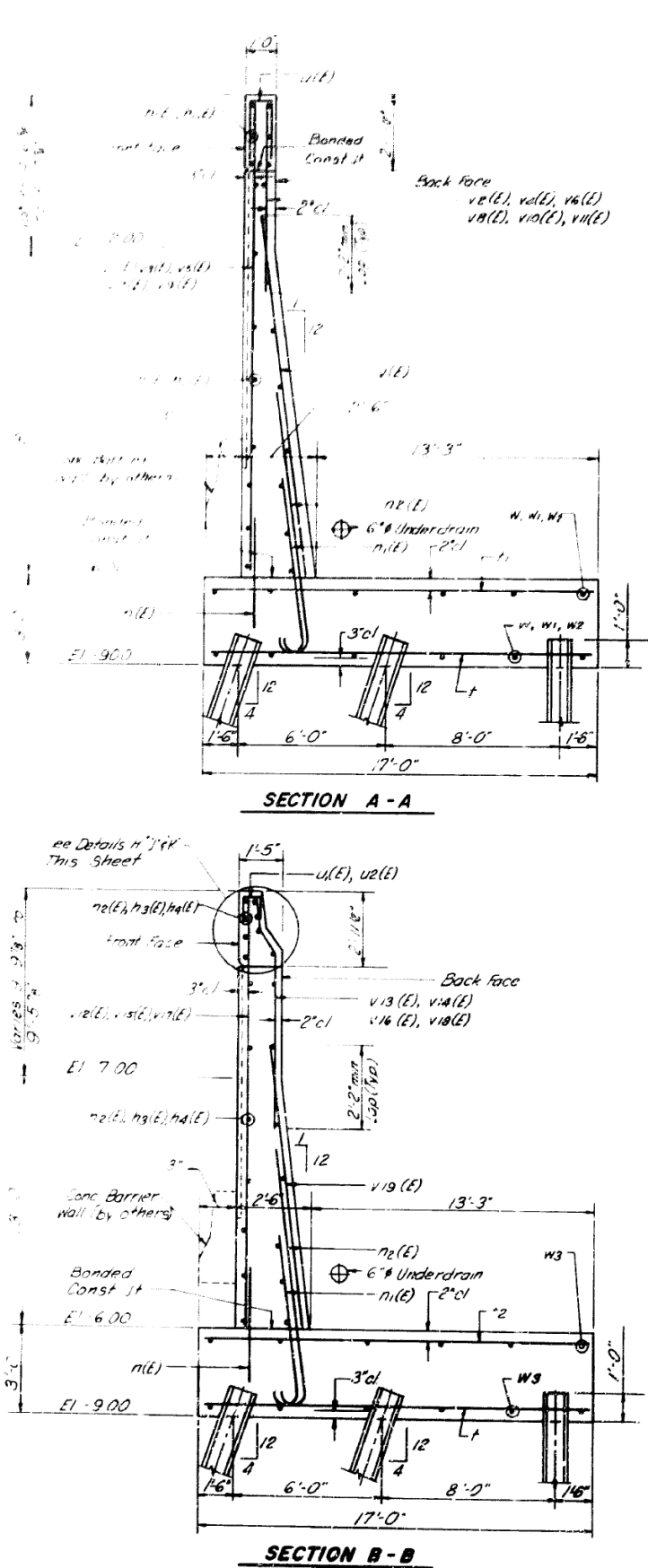
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PLOT DATE =	7/26/2018	DRAWN -		REVISED -	
		CHECKED -	MI, MAI	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1417
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



Mark	Size	A	B	C	D	E
n1(E)	#8	7'-6"	11"	8"		
n2(E)	#8	11'-0"	11"	8"		
u(E)	#4	7"	1'-3"			
u1(E)	#4	6"	1'-3"			
u2(E)	#4	4"	1'-3"			
v13(E)	#5	7'-4"	9"	3'-0"	7"	0"
v14(E)	#5	7'-10"	1'-8"	1'-7"	1'-7"	2"
v16(E)	#5	3'-8"	1'-0"	1'-7"	10"	2'-4"
v18(E)	#5	3'-11"	1'-0"	1'-7"	10"	2'-4"

FED. AID PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2528.6-P-R-3	COOK	81	44	

RETAINING WALL NO. 8
BILL OF MATERIAL

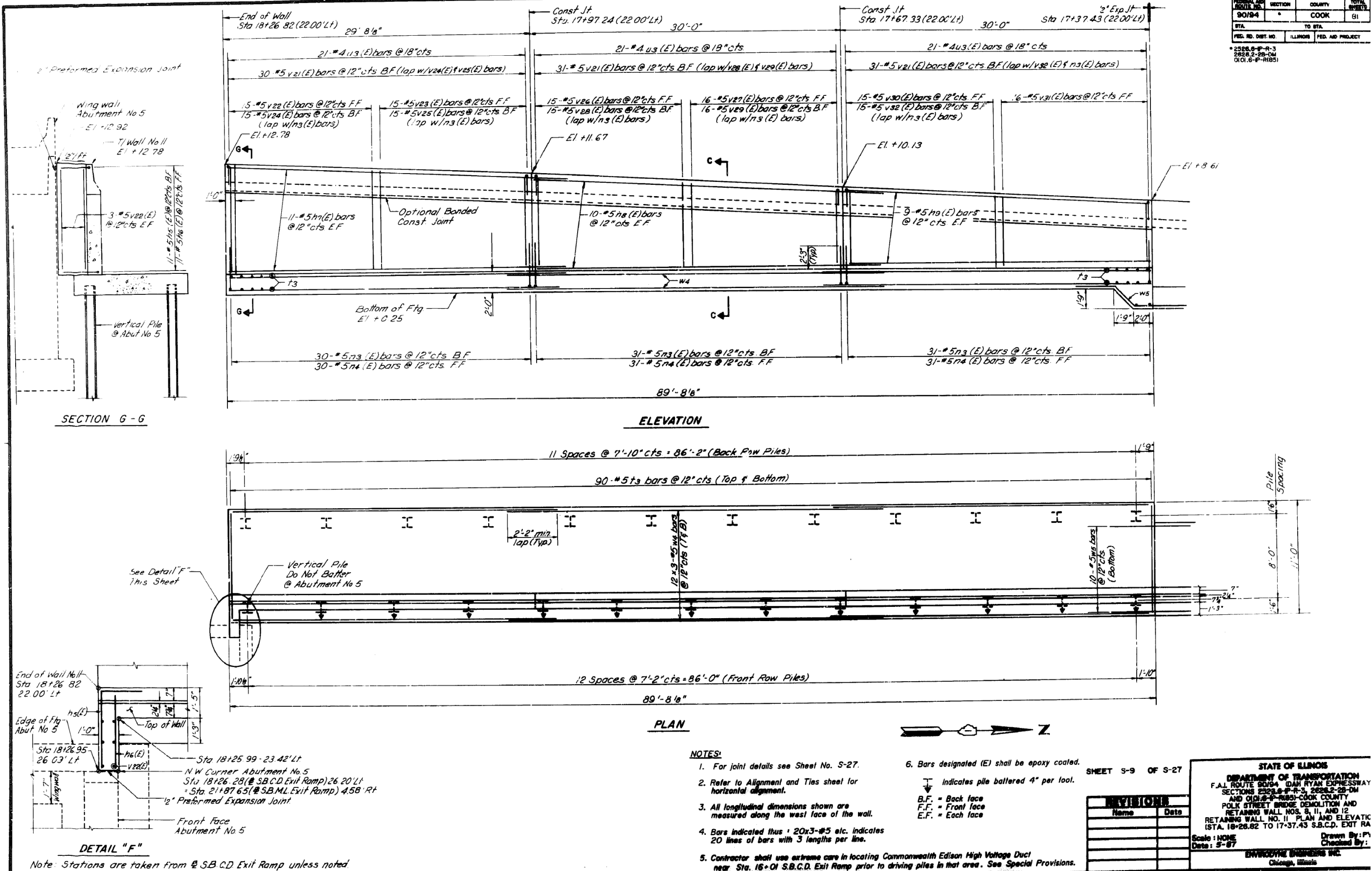
Bar	No.	Size	Length	Shape
n1(E)	140	#5	29'-8"	—
n11(E)	142	#5	32'-0"	—
n12(E)	148	#5	20'-5"	—
n13(E)	50	#5	29'-3"	—
n14(E)	50	#5	26'-11"	—
n15(E)	261	#5	3'-0"	—
n16(E)	195	#8	8'-5"	—
n17(E)	186	#8	11'-11"	—
t	256	#5	16'-8"	—
t1	198	#9	16'-8"	—
t2	98	#8	16'-8"	—
u(E)	126	#4	3'-1"	—
u1(E)	6	#4	2'-10"	—
u2(E)	53	#4	3'-0"	—
v(E)	138	#8	19'-0"	—
v1(E)	31	#5	29'-1"	—
v2(E)	23	#5	6'-8"	—
v3(E)	31	#5	28'-9"	—
v4(E)	23	#5	6'-4"	—
v5(E)	31	#5	22'-5"	—
v6(E)	23	#5	6'-0"	—
v7(E)	31	#5	22'-4"	—
v8(E)	23	#5	5'-8"	—
v9(E)	62	#5	22'-4"	—
v10(E)	23	#5	5'-7"	—
v11(E)	23	#5	5'-10"	—
v12(E)	19	#5	22'-7"	—
v13(E)	7	#5	11'-1"	—
v14(E)	8	#5	11'-1"	—
v15(E)	28	#5	22'-9"	—
v16(E)	21	#5	11'-3"	—
v17(E)	28	#5	23'-0"	—
v18(E)	21	#5	11'-6"	—
v19(E)	57	#8	14'-0"	—
v20(E)	4	#5	3'-0"	—
w	18	#5	32'-0"	—
w1	108	#5	32'-2"	—
w2	76	#5	32'-1"	—
w3	108	#5	25'-8"	—

PILE DATA
TYPE: STEEL HP 12-53
CAPACITY: 70 TON DRIVE
TO 100 TON BEARING
EST. LENGTH = 50 FT.
NUMBER REQUIRED = 124 PLUS
1 TEST PILE

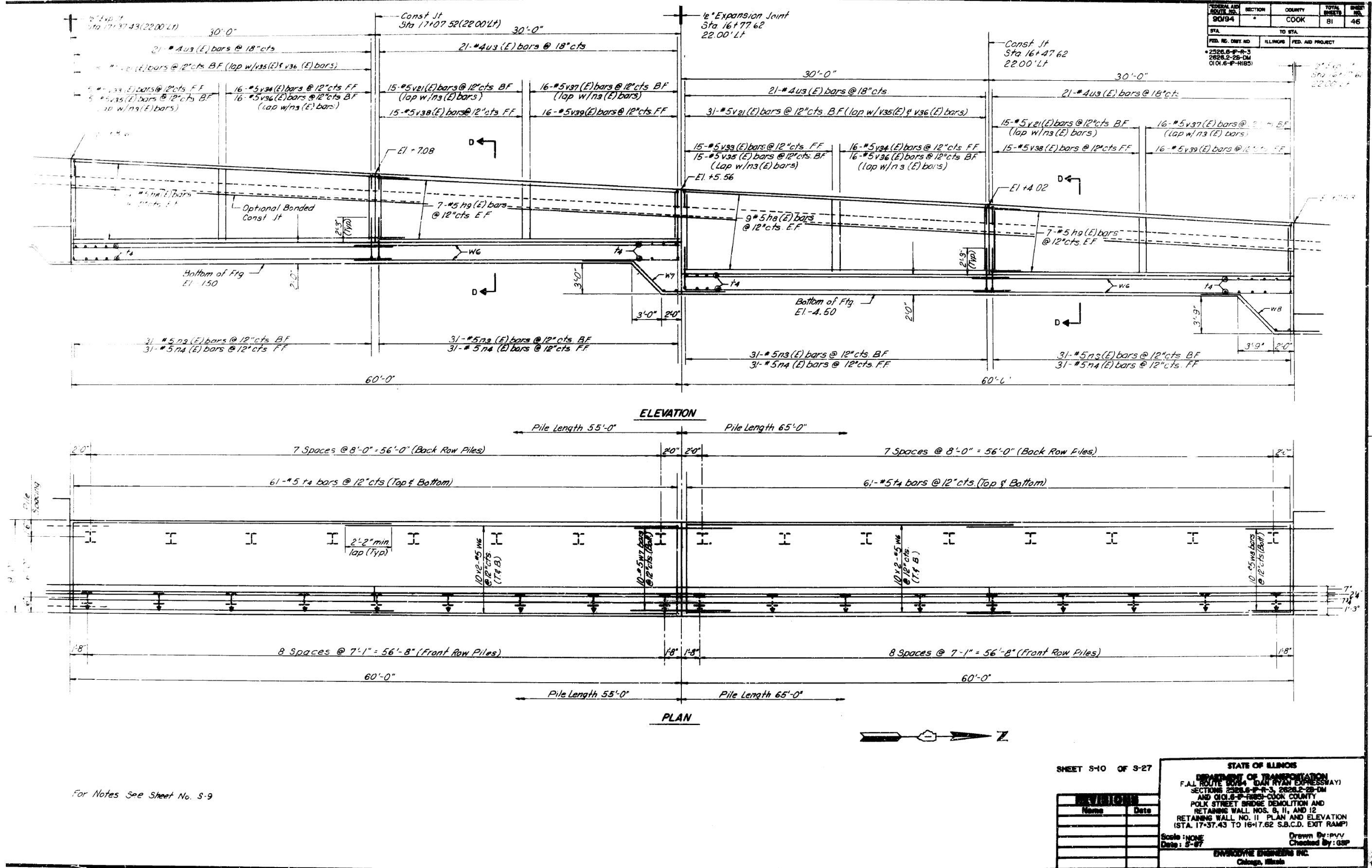
SHEET S-8 OF S-27

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTION 2528.6-P-R-3, 2528.6-P-R-4
AND 2528.6-P-R-5 COOK COUNTY
POLK STREET BRIDGE DEMOLITION AND
RETAINING WALL NOS. 8, 11, AND 12
RETAINING WALL NO. 8
SECTIONS AND BILL OF MATERIAL
Scale: N.O.S.
Date: 5-87
Drawn By: PVV
Checked By: GSP
BUREAU OF HIGHWAYS INC.
Chicago, Illinois

FOR INFORMATION ONLY



FOR INFORMATION ONLY



For Notes See Sheet No. S-9

FILE NAME: dwg\161749-PWINT_aecomonline\local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\0161805-60X93-S12-Existing12



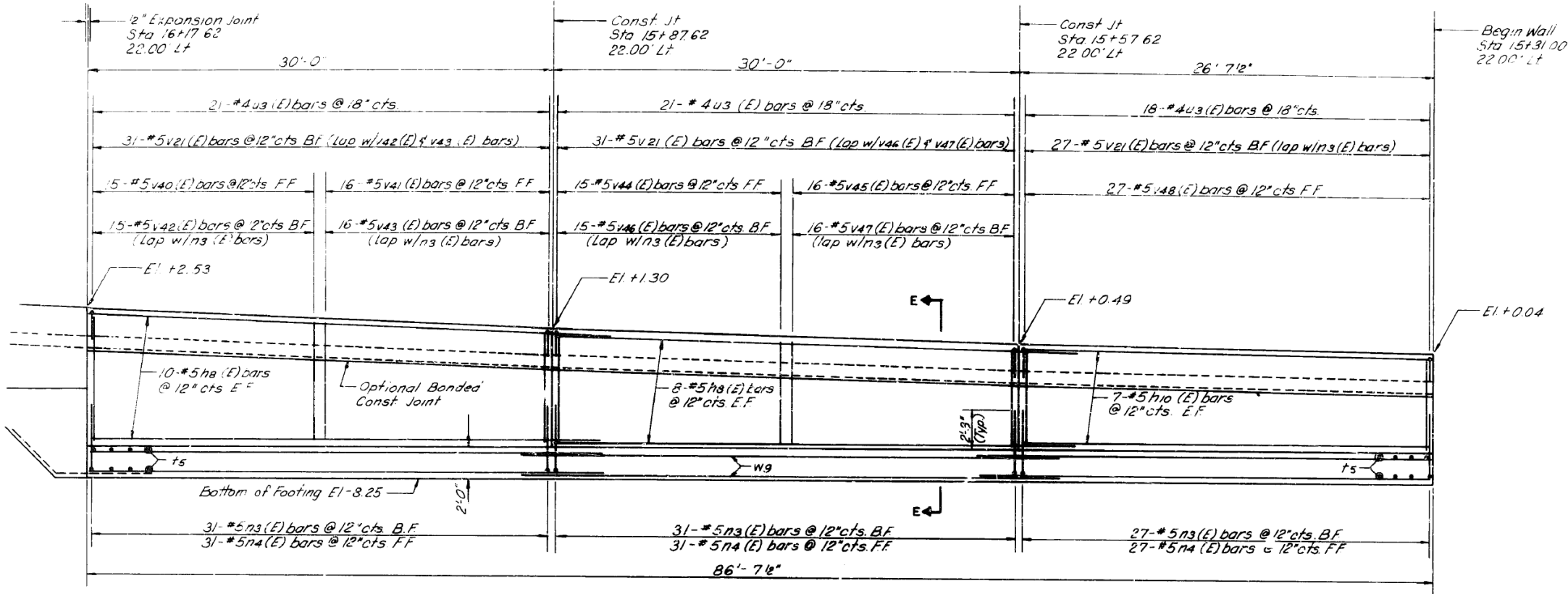
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PLOT DATE = 7/26/2018
CHECKED - MI, MAI
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

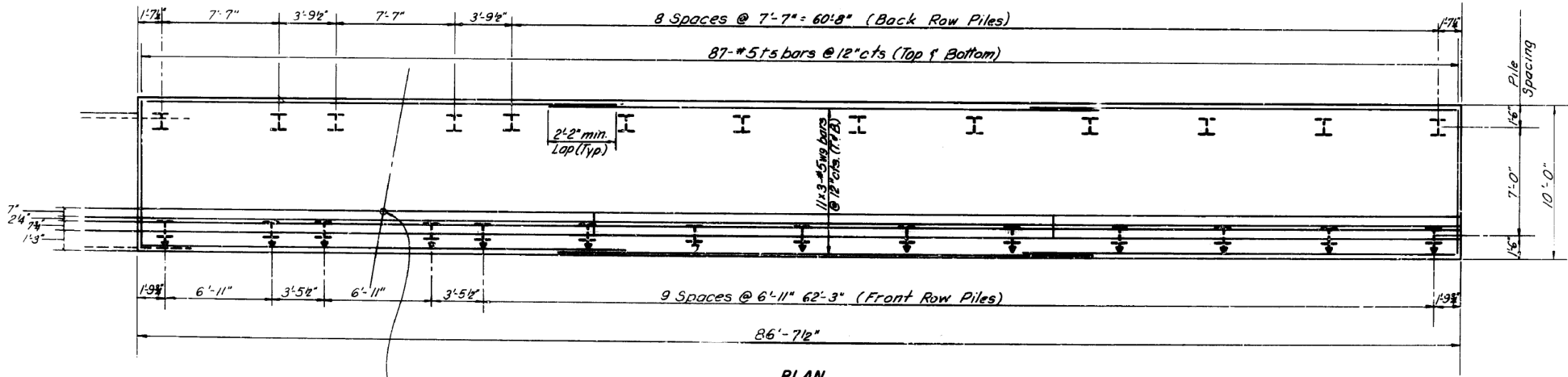
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1420
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



ELEVATION



PLAN

Commonwealth Edison High Voltage Duct passes under Back Face of Retaining wall @ Sta. 16+01.34 S.B.C.D. Exit Ramp. Adjust Pile Spacing as Required to miss Duct. Maximum allowable Spacing is 8'-0".

For Notes See Sheet No S-9



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	COOK	81	4
STA.	TO STA.		
15+31.00	15+57.62		
PED. NO. DIST. NO.	ILLINOIS	PED. AID PROJECT	
* 2526.6-P-R-3 2636.2-26-DM 3101.6-P-R(85)			

SHEET S-II OF S-27

NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 300M (DAN RYAN EXPRESSWAY)
SECTION 2526.6-P-R-3, 2636.2-26-DM
AND 3101.6-P-R(85)-COOK COUNTY
POLK STREET BRIDGE DEMOLITION AND
RETAINING WALL NOS. 8, 11, AND 12
RETAINING WALL NO. 11 PLAN AND ELEVATION
(STA. 16+17.62 TO 15+31.00 S.B.C.D. EXIT RAMP)

Scale: NONE
Date: 5-87

Drawn By: PVV
Checked By: GSP

SHAW-WATKINS ENGINEERING INC.
Chicago, Illinois



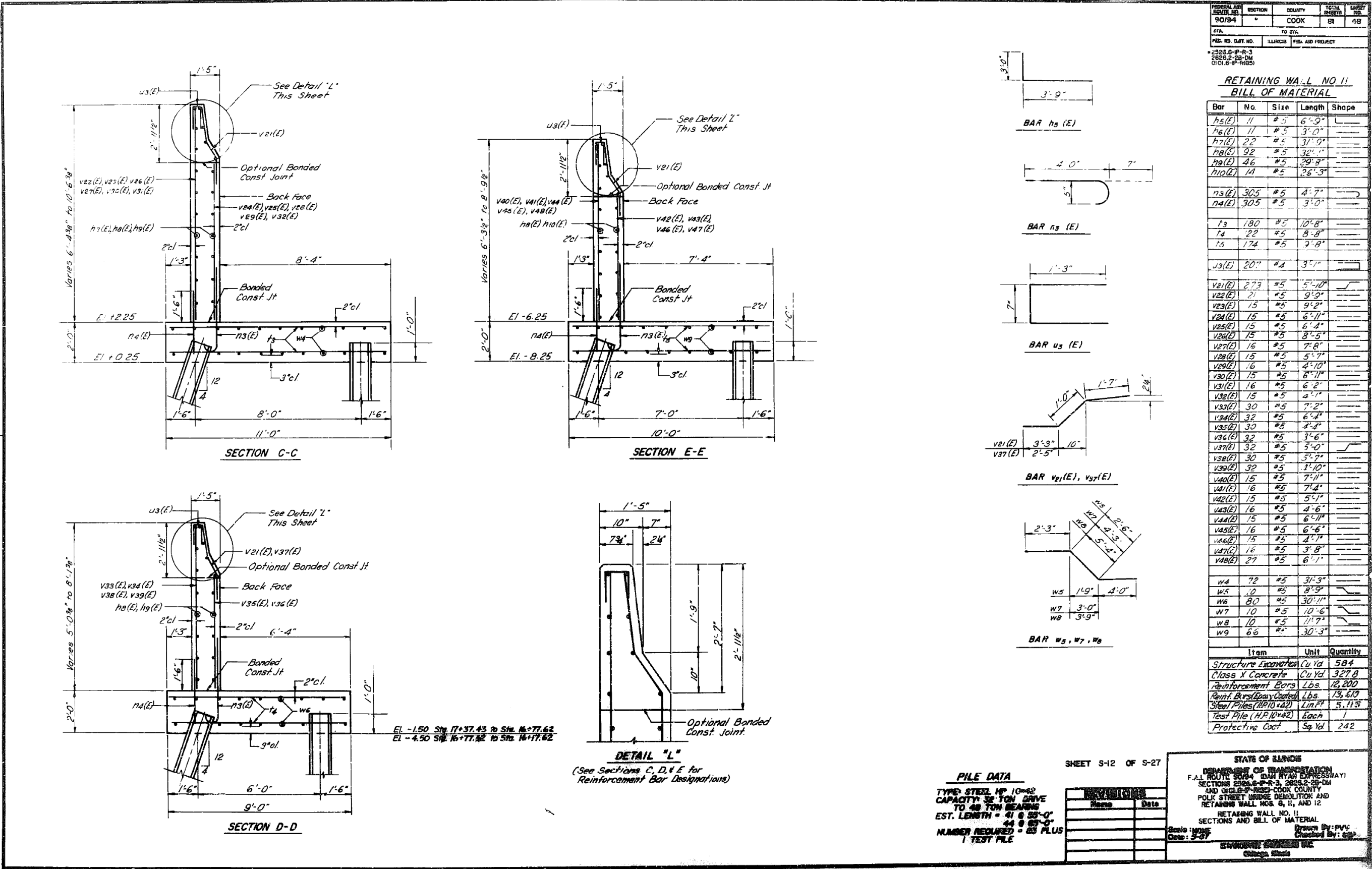
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PLOT DATE =	7/26/2018	CHECKED -	MI, MAI	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1421
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



FILE NAME: dwg\617479-PVINT-aecomonline\local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_I\000_CAD\008_Structural\Structure_016-1718\Existing Plans\33906-60X93-SXX-Existing700



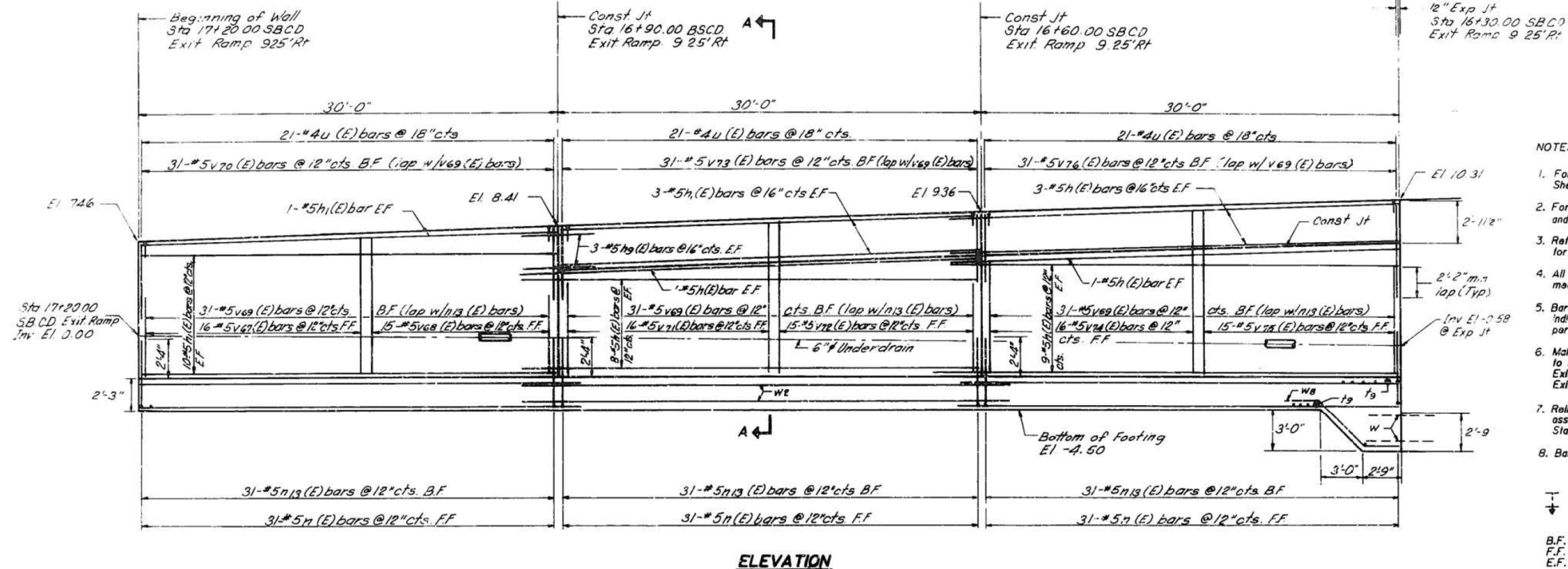
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1422
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

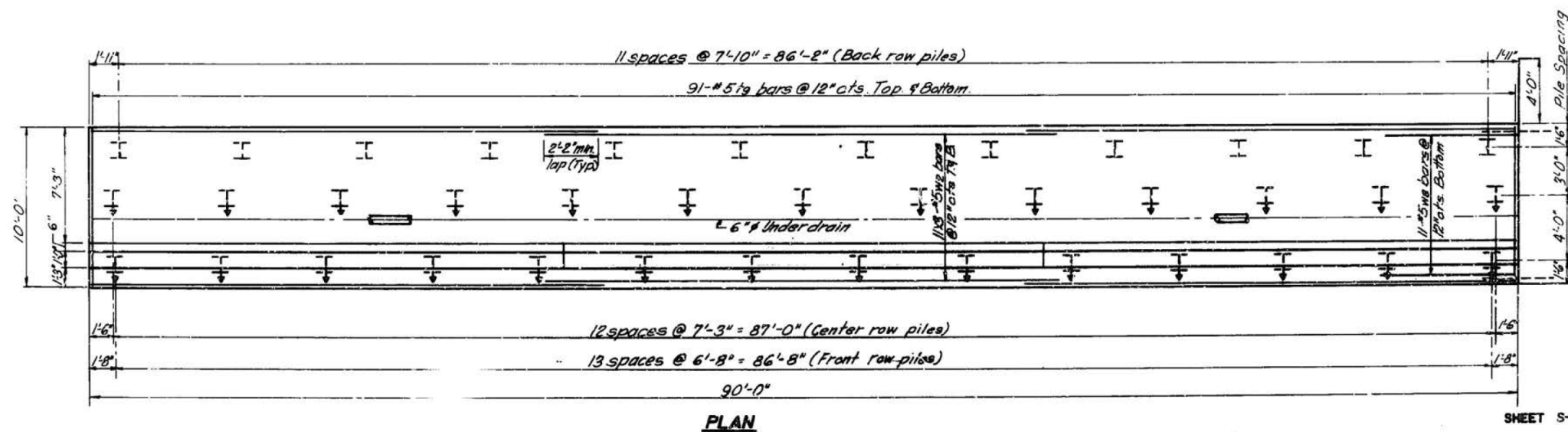


NOTES

- For underdrains and backfill details see Sheet No. S-27.
- For joint details and architectural finish and elevations, see Sheet No. S-27.
- Refer to Alignment and Ties Sheet for horizontal alignment.
- All longitudinal dimensions shown are measured along the East face of the wall.
- Bars indicated thus: 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
- Make connections from 6" underdrain to inlets at Sta. 14+48.00 S.B.C.D. Exit Ramp and Sta. 11+34.10 S.B.C.D. Exit Ramp.
- Reinforcement is detailed according to an assumed starting point of construction at Sta. 12+71.09 S.B.C.D. Exit Ramp.
- Bars designated (E) shall be epoxy coated.

↑ Indicates pile battered 4" per foot.

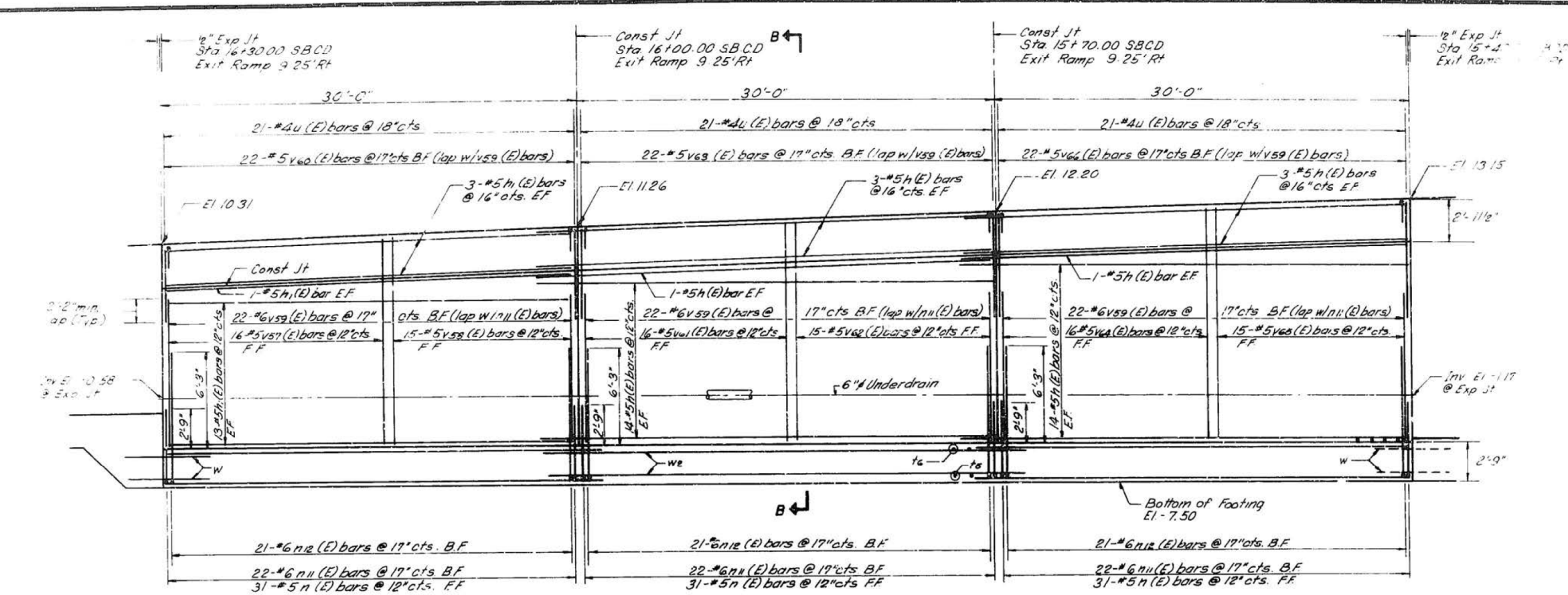
B.F. = Back Face
F.F. = Front Face
E.F. = Each Face



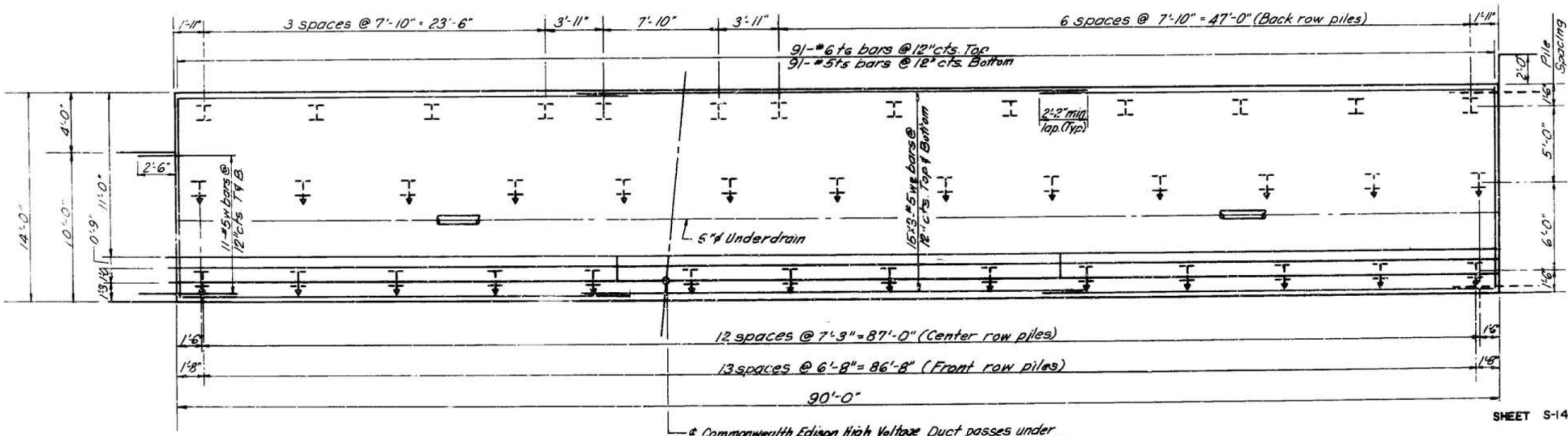
SHEET S-13 OF S-27

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
F.A.I. ROUTE 9084 (DAN RYAN EXPRESSWAY)	
SECTION 2826.2-28-DM	
AND CH. 8-P-RIBS-COOK COUNTY	
POLK STREET BRIDGE DEMOLITION AND	
RETAINING WALL NOS. 8, 11, AND 12	
STA. 17+20.00 TO 16+30.00 S.B.C.D. EXIT RAMP	
Scale: None	Drawn By: P.V.V.
Date: 5-07	Checked By: G.S.P.
BYWATERS ENGINEERS INC.	
Chicago, Illinois	

FOR INFORMATION ONLY



ELEVATION



PLAN

For notes see Sheet S-13.

Commonwealth Edison High Voltage Duct passes under Front Face of Retaining Wall @ Sta. 15+96.063 @ S.B.C.D. Exit Ramp. Adjust Pile Spacing as Required to miss Duct. Maximum Allowable Spacing is 8'-0". See Special Provisions.

SHEET S-14 OF S-27

REVISIONS	
Name	Date

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTIONS 2526.0-P-R-3, 2626.2-2B-DM
AND 0101.6-P-R1853-COOK COUNTY
POLK STREET BRIDGE DEMOLITION AND
RETAINING WALL NOS. 8, 11, AND 12
RETAINING WALL NO. 12 PLAN AND ELEVATION
(STA. 16+30.00 TO 15+40.00 S.B.C.D. EXIT RAMP)

Scale: None
Date: 5-07
Drawn By: P.V.V.
Checked By: G.S.P.
EVINDOYNE ENGINEERS INC.
Chicago, Illinois

FILE NAME: DWG\1617479-PWINT-aecomonline\local\AECOM_D502_NAD\Documents\01_Americas\Transportation\60269938_CirclePhase_I\0000_CAD\008_Structural\Structure_016-1718\Existing Plans\0162311-60X93-527-Existing27



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

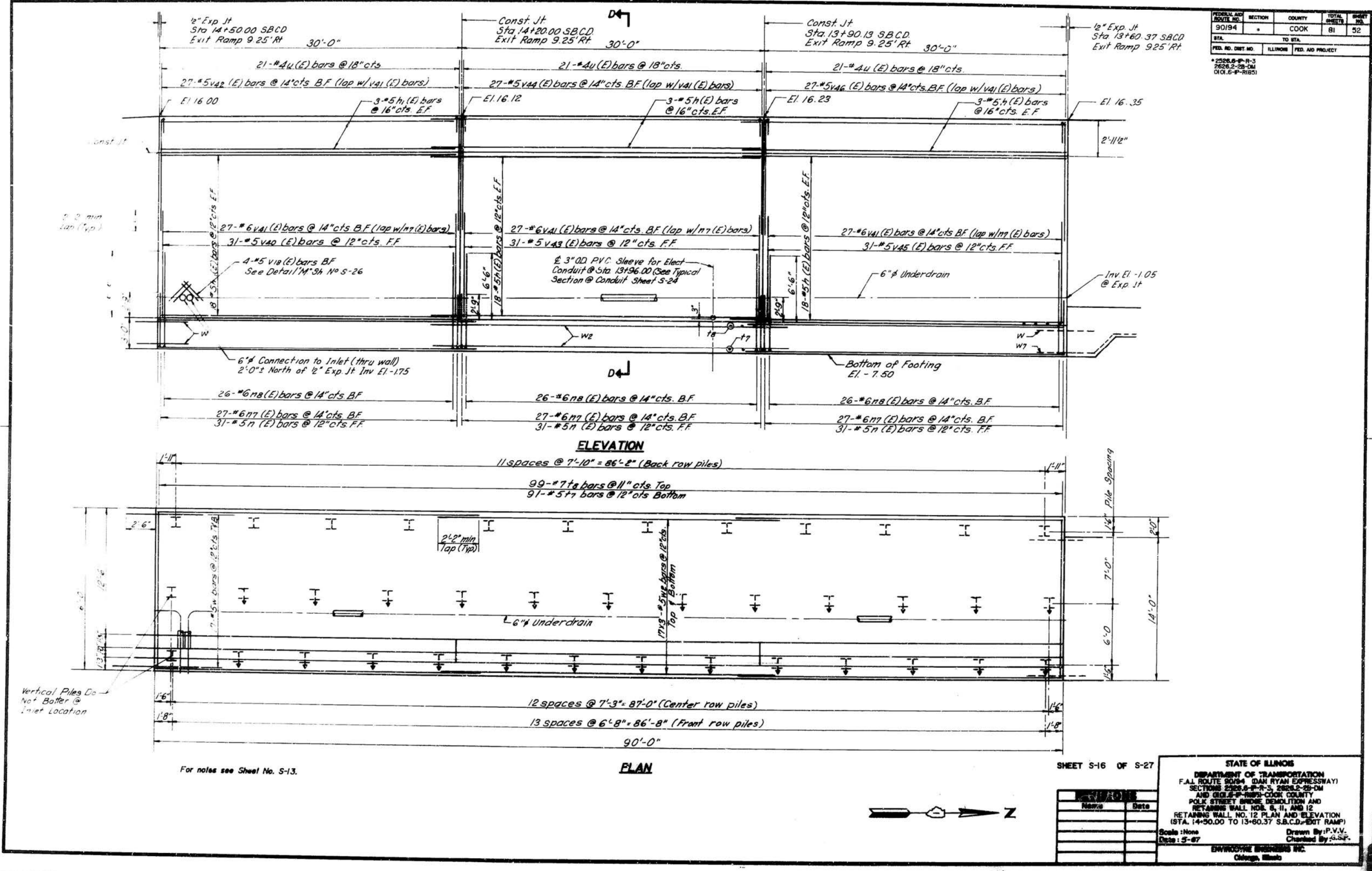
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1424
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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FOR INFORMATION ONLY



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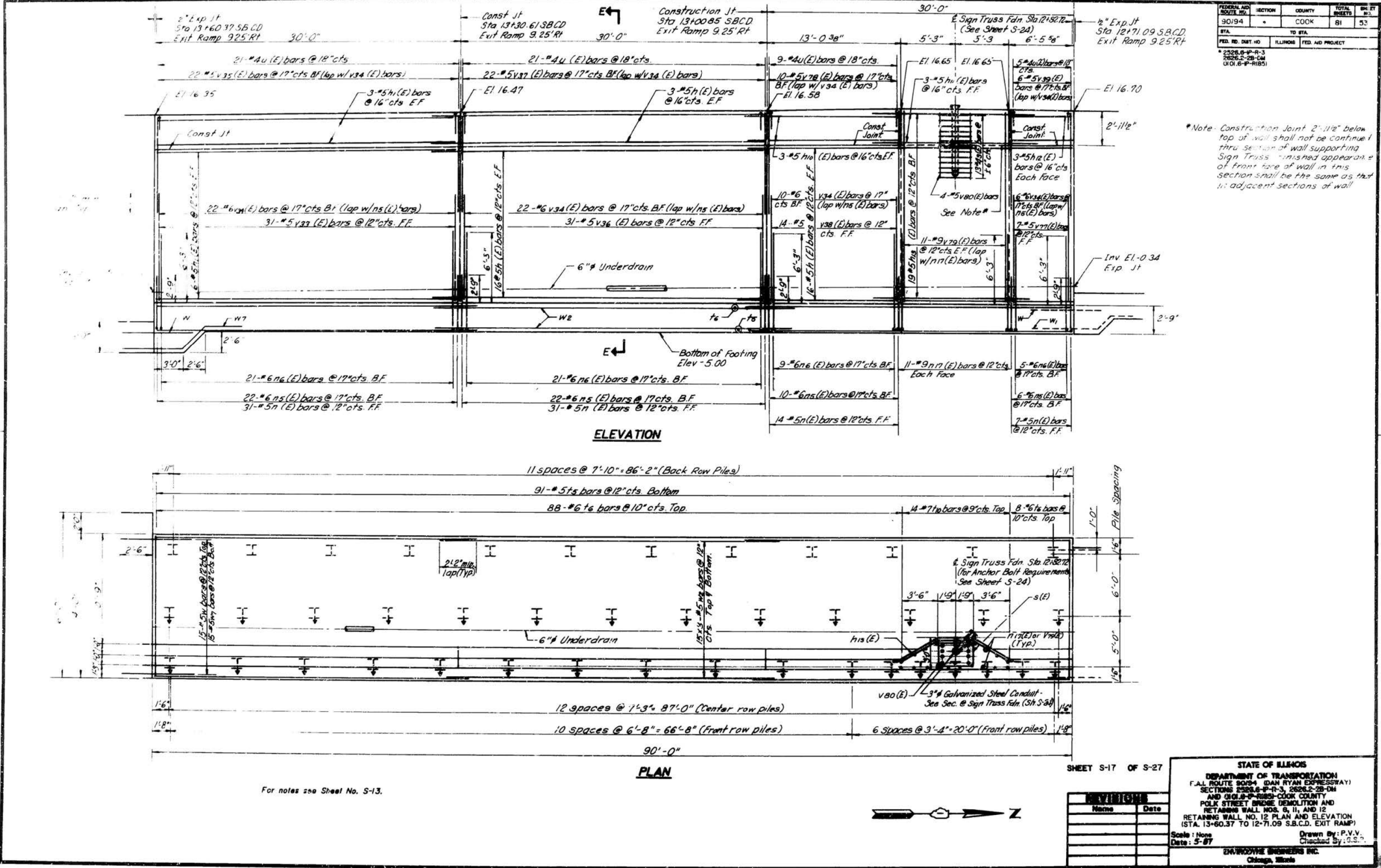
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			MI, MAI			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1426
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



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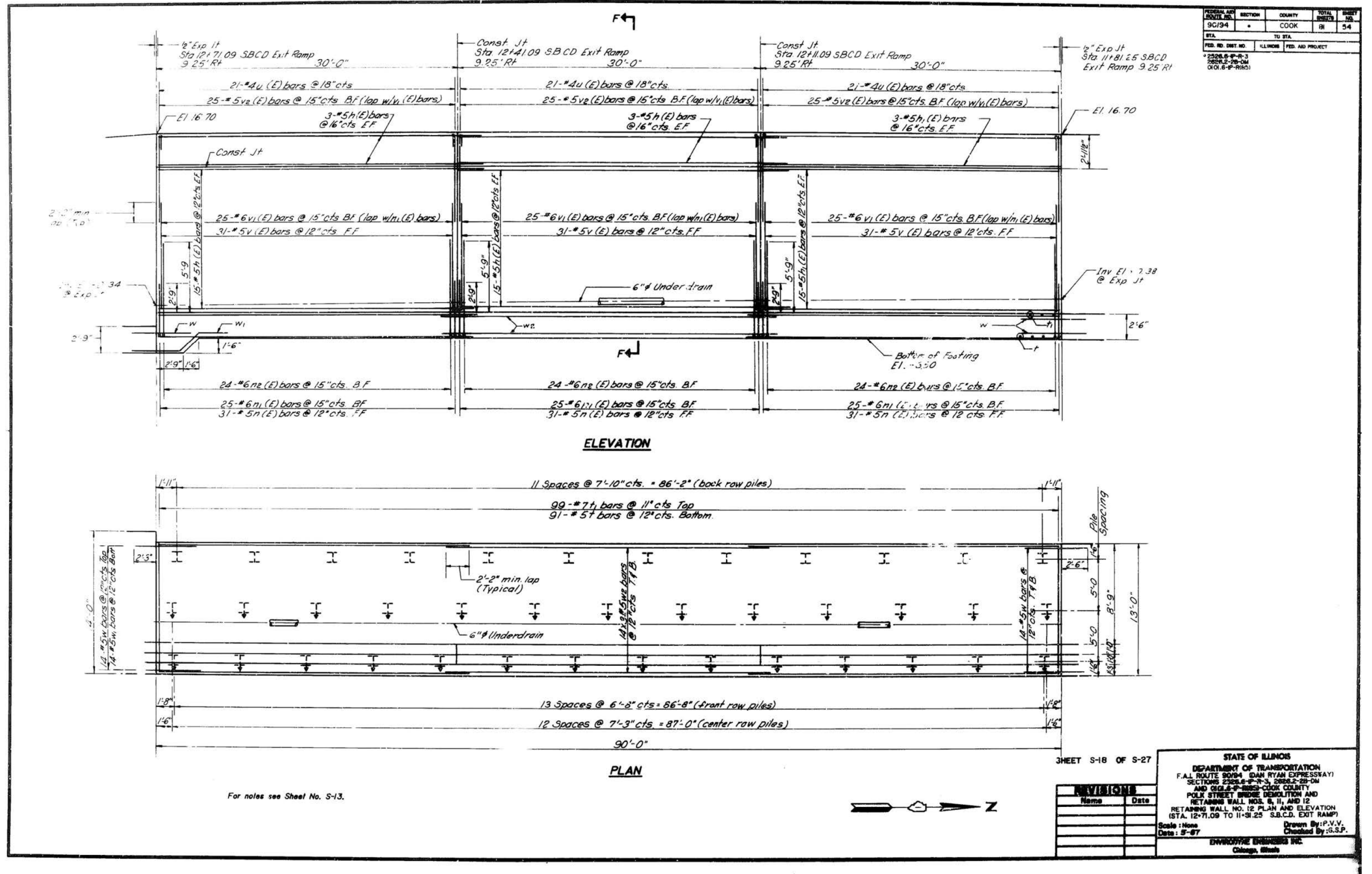
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PLOT DATE	=	7/26/2018	CHECKED	-	MI, MAI	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1427
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



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		MI, MAI	

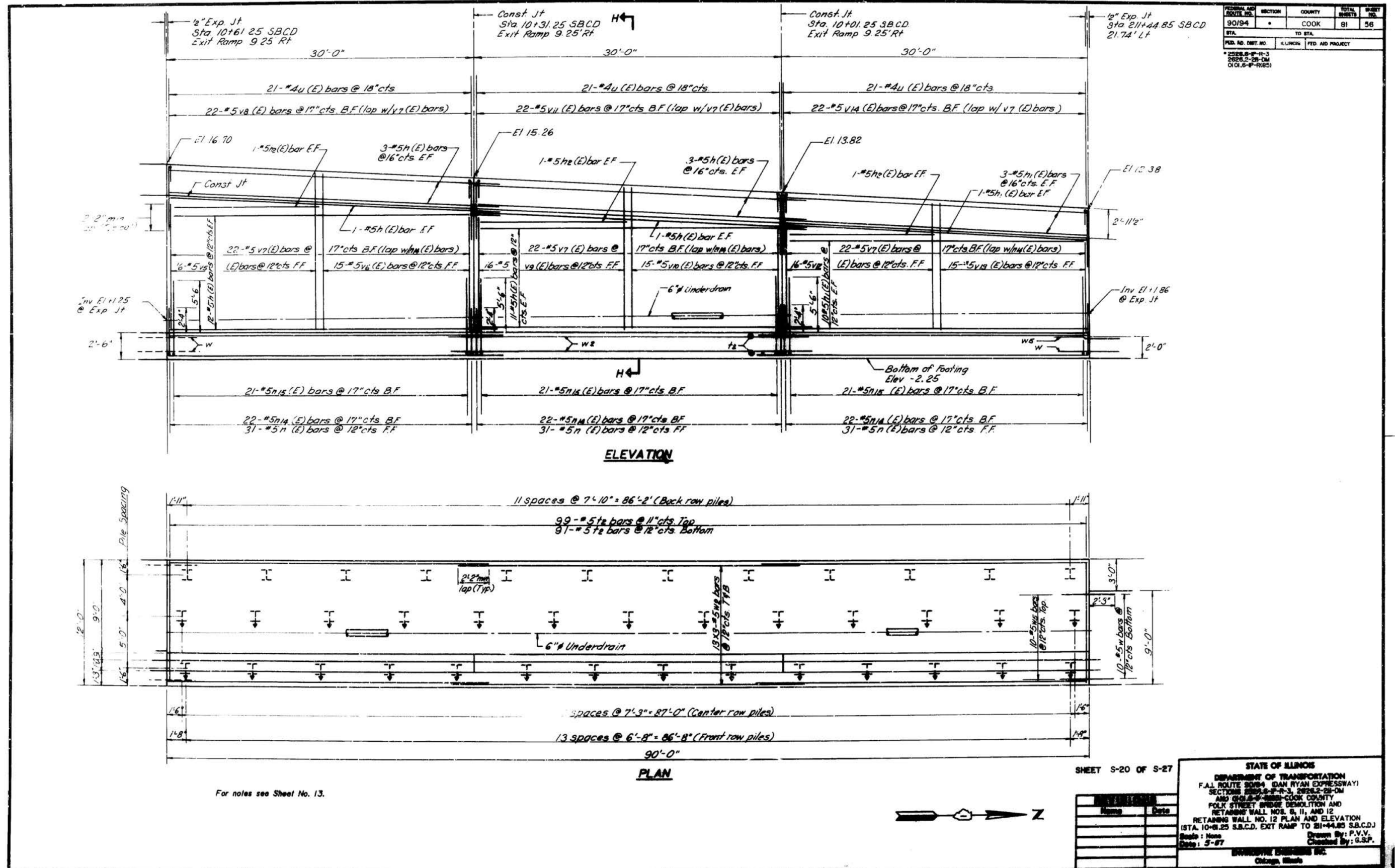
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ILLINOIS		FED. AID PROJECT		

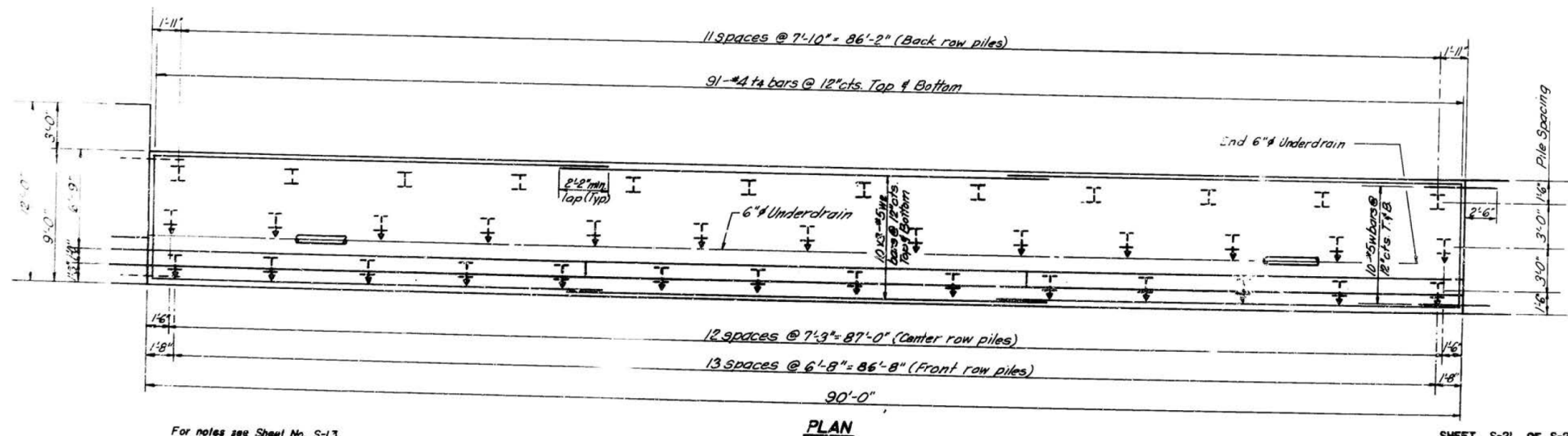
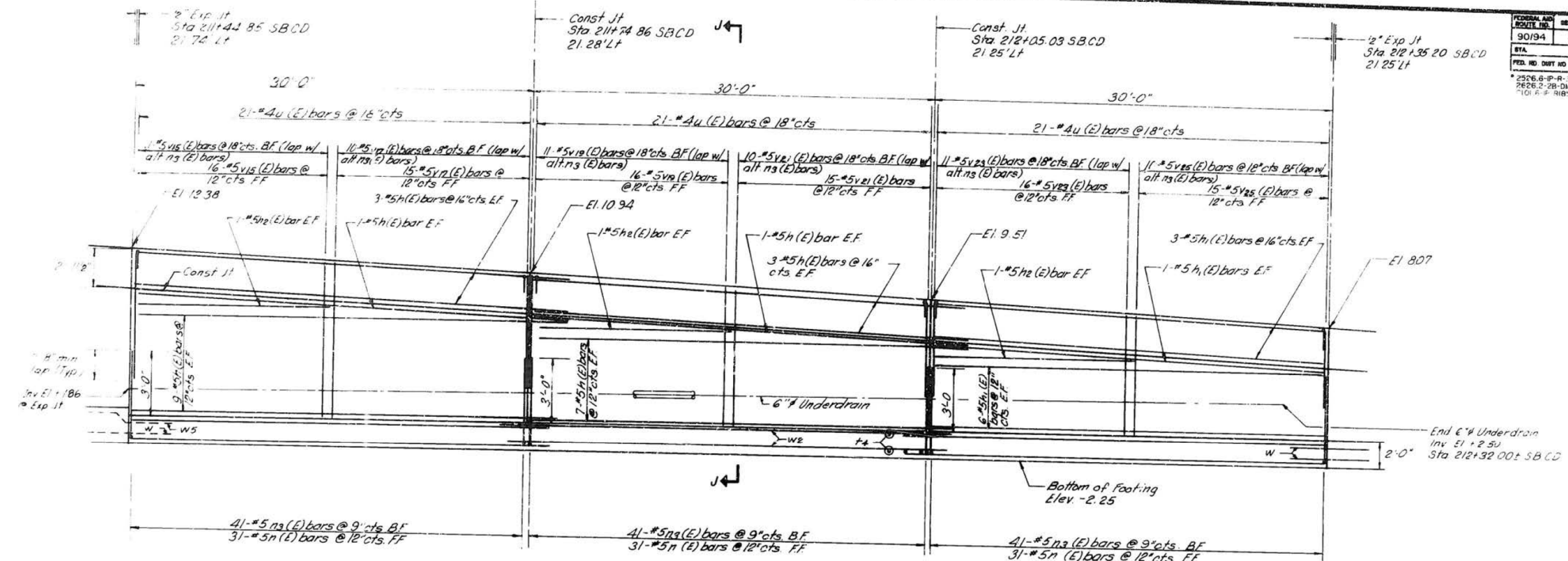
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	CONTRACT NO. 60X93		

ILLINOIS	FED. AID PROJECT
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FOR INFORMATION ONLY



FOR INFORMATION ONLY



For notes see Sheet No. S-13.

SHEET S-21 OF S-27

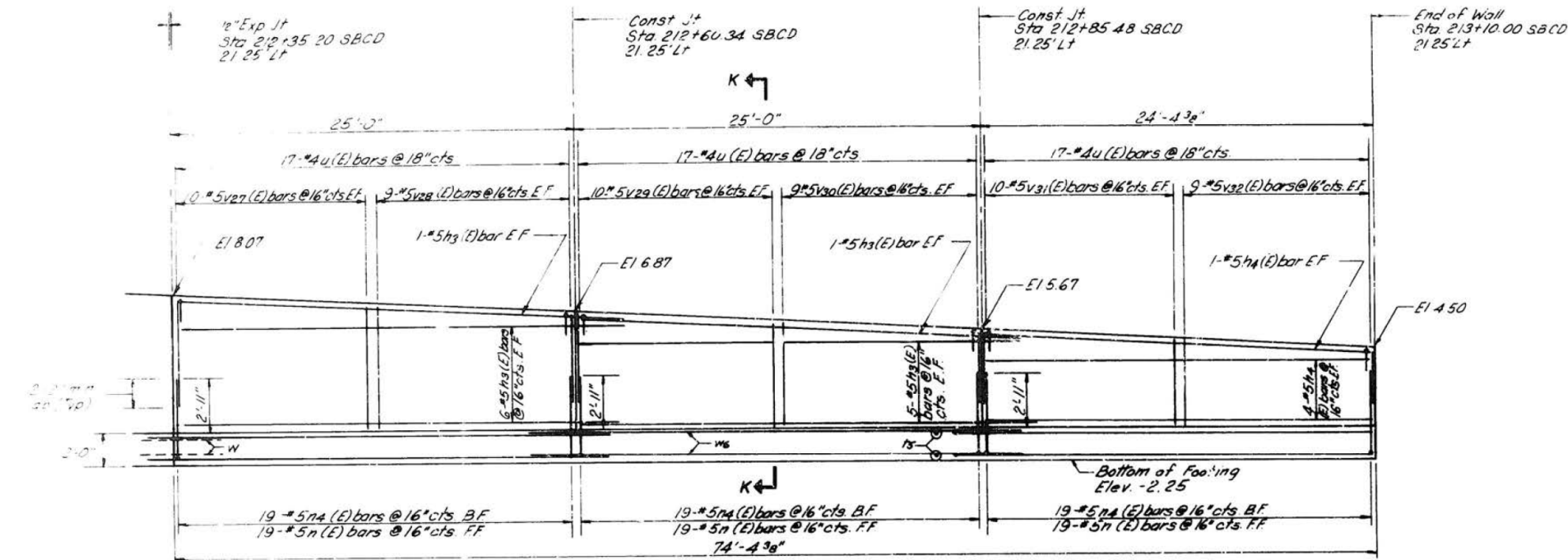
REVISIONS	
Name	Date

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)	
SECTIONS 2526.6-P-R-3, 2626.2-28-DM	
AND 2501.6-P-R-355-COOK COUNTY	
POLK STREET BRIDGE DEMOLITION AND	
RETAINING WALL NOS. 8, 11, AND 12	
RETAINING WALL NO. 12 PLAN AND ELEVATION	
(STA. 211+44.85 TO 212+35.20 S.B.C.D.)	
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Date: 5-87	Checked By: G.S.F.
ENGINEERING GROUP, LLC	
Chicago, Illinois	

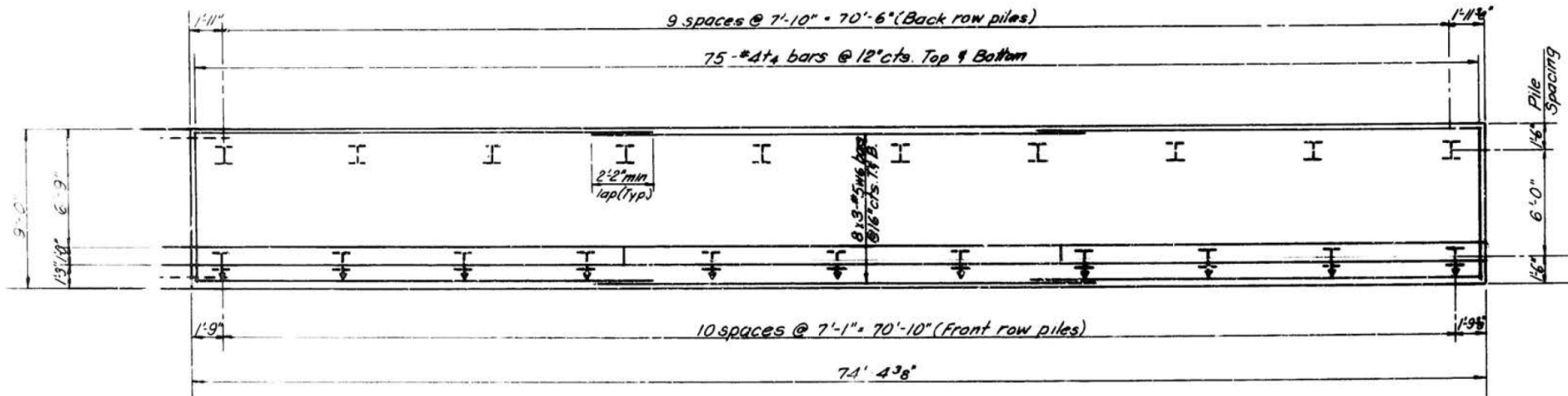
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1431
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



ELEVATION



PLAN

For notes see Sheet No. S-13.

SHEET S-22 OF S-27

REVISIONS	
Rev	Date

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 30/94 (DAN RYAN EXPRESSWAY)
SECTIONS 2526.6-P-R-3, 2526.2-2B-0M
AND 801.6-P-R855-COOK COUNTY
POLK STREET BRIDGE DEMOLITION AND
RETAINING WALL NOS. 8, 11, AND 12
RETAINING WALL NO. 12 PLAN AND ELEVATION
(STA. 212+35.20 TO 213+10.00 S.B.C.D.)
Scale: None
Date: 6-07
Drawn By: P.V.V.
Checked By: G.S.P.
ENVELOPPE ENGINEERS INC.
Chicago, Illinois

FILE NAME: DWG\161749-PWINT-aecomonline\local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing Plans\0162311-60X93-535-Existing35



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1432
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1433
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ILLINOIS		FED. AID PROJECT		

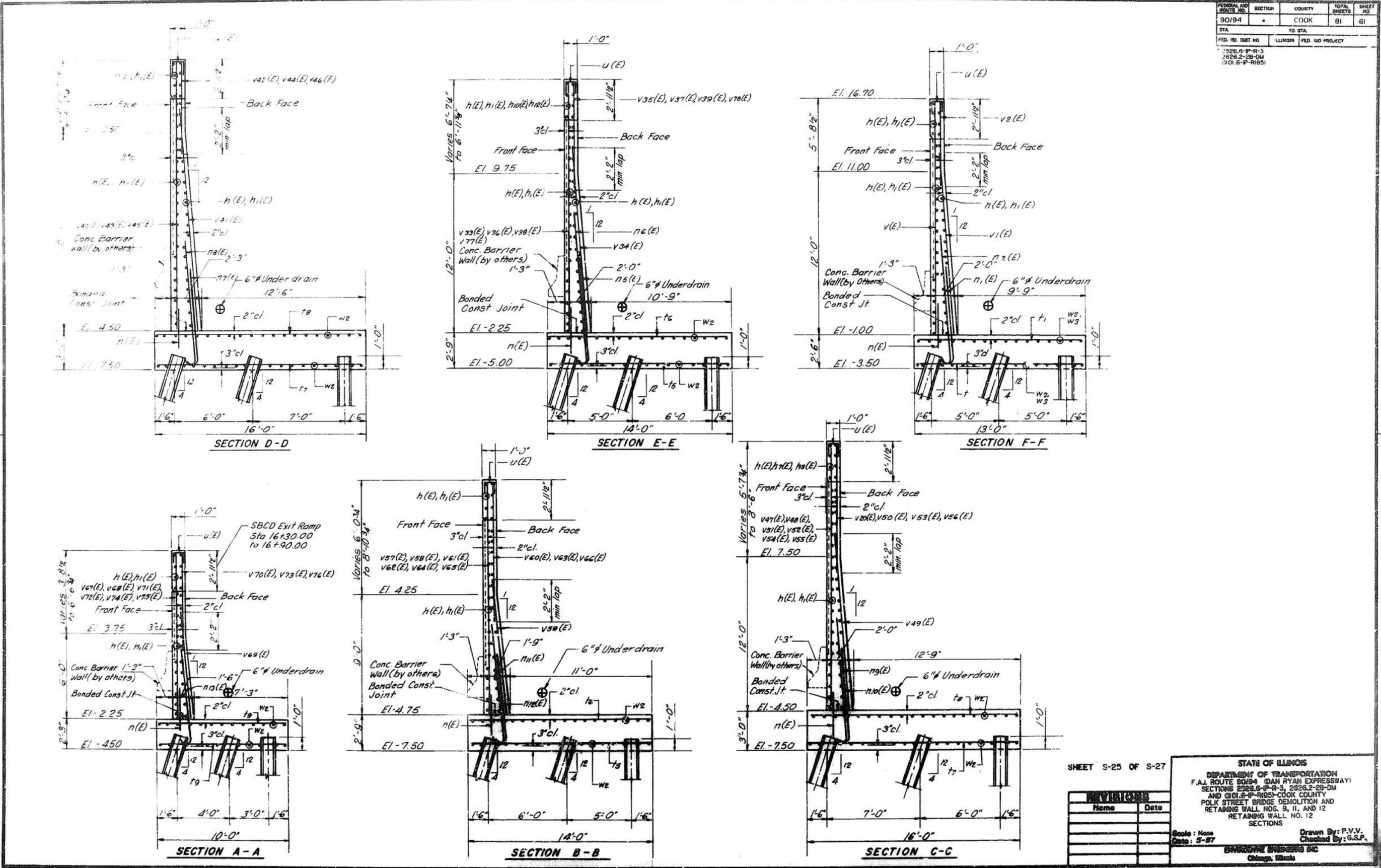
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1434
		CONTRACT NO. 60X93		
ILLINOIS		FED. AID PROJECT		

FOR INFORMATION ONLY



FILE NAME: DWG\1617479-PWINT-accomonline.local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_I\0000_CAD\008_Structural\Structure_016-1718\Existing Plans\0162311-60X93-538-Existing38



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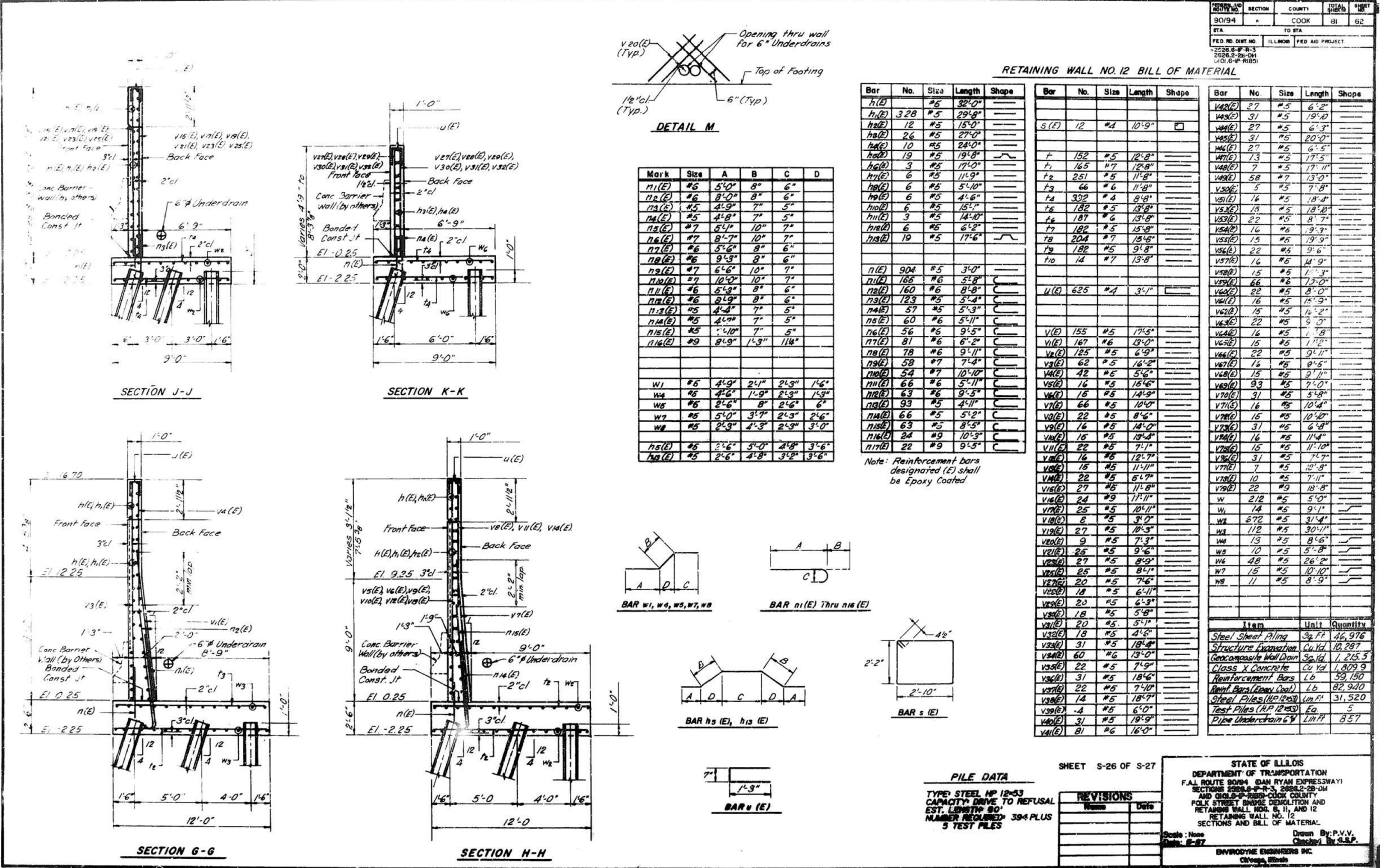
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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CONTRACT NO. 60X93				

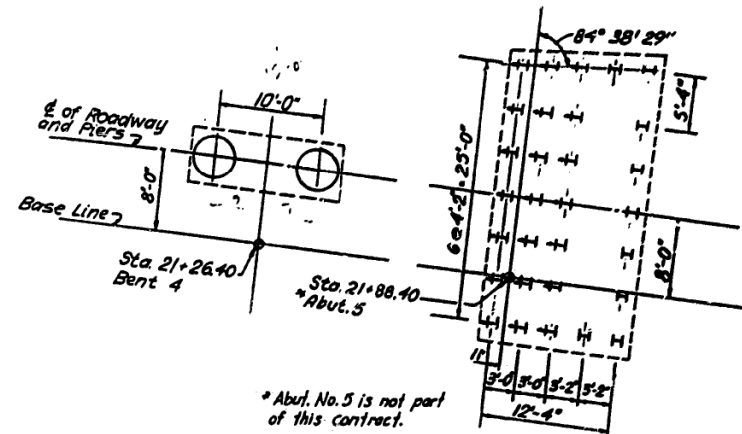
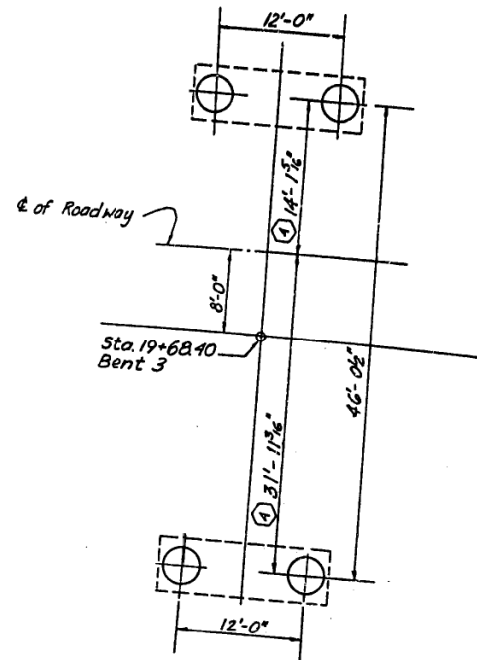
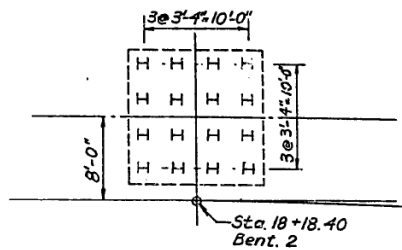
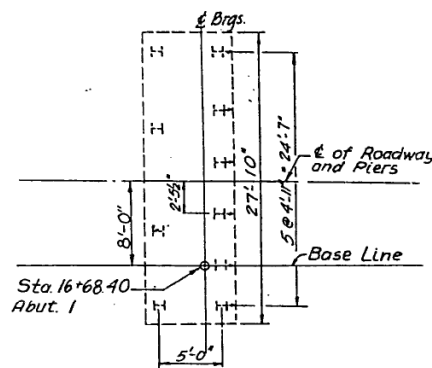
ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY



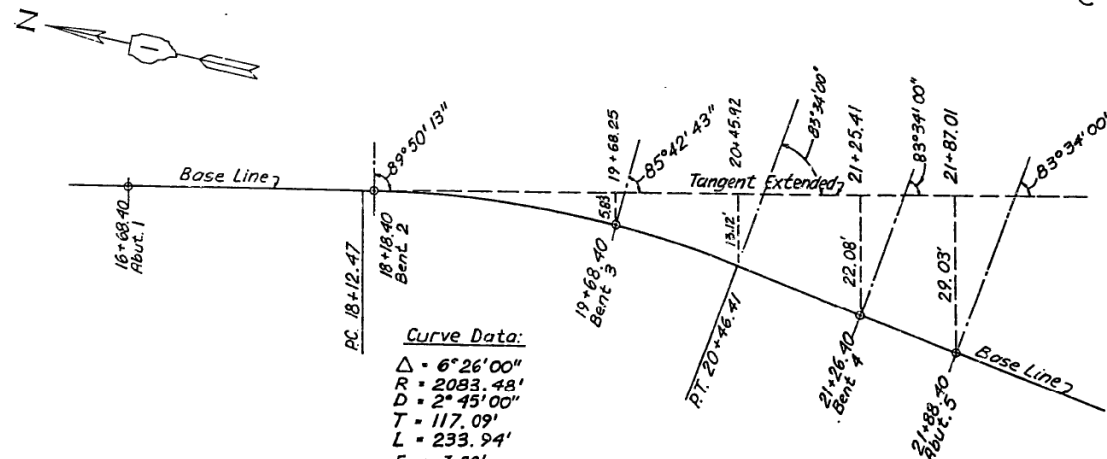
FOR INFORMATION ONLY

FEDERAL AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	78	4
STA.		TO STA.		
FED. NO. DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 1985-080 R				



Curve Data
 $\Delta = 4^\circ 41' 55''$
 $R = 2291.83'$
 $D = 2^\circ 30' 00''$
 $T = 94.03'$
 $L = 187.95'$

SUBSTRUCTURE LAYOUT



Curve Data:
 $\Delta = 6^\circ 26' 00''$
 $R = 2083.48'$
 $D = 2^\circ 45' 00''$
 $T = 117.09'$
 $L = 233.94'$
 $E = 3.29'$

Note:
All Abutments and Bents
are normal to Base Line.

LOCATION OF CONSTRUCTION AND EXPANSION JTS.

Station	Offset to Back of Wall	Type of Joints
14+86.96 (& Taylor St. Exit Ramp)	6.00' Rt.	Beginning of Wall
15+16.86	4.66' Rt.	Expansion
15+45.50	3.75' Rt.	Construction
15+74.18	3.20' Rt.	Construction
16+02.75	3.00' Rt.	Expansion
16+32.71	3.00' Rt.	Construction
16+62.67	3.00' Rt.	Expansion

Station	Offset to Back of Wall	Type of Joints
14+86.96 (& Taylor St. Exit Ramp)	19.00' Lt.	Beginning of Wall
15+16.86	19.00' Lt.	Expansion
15+45.50	19.00' Lt.	Construction
15+74.18	19.00' Lt.	Construction
16+02.75	19.00' Lt.	Expansion
16+32.71	19.00' Lt.	Construction
16+62.67	19.00' Lt.	Expansion

SHEET EXIT 2 OF 17

REVISIONS	
Name	Date
(4) Revision	1-22-88

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTION 1985-080R COOK COUNTY
ROADWAY GRADING AND PAVING
TAYLOR ST. EXIT RAMP OVER S.B. COLL. DIST.
SUBSTRUCTURE LAYOUT

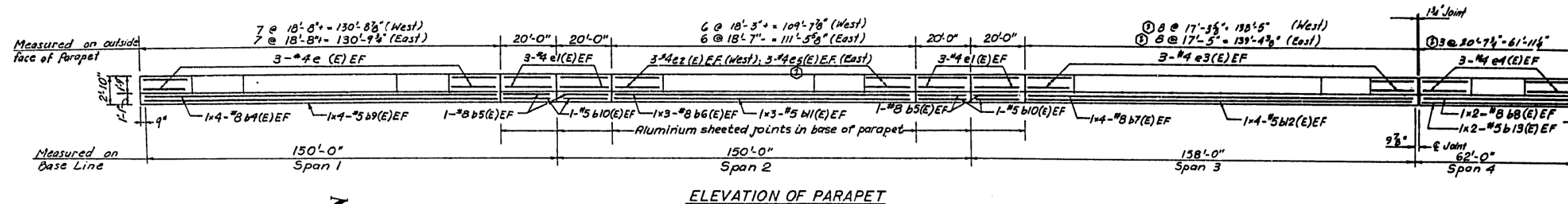
Scale: NONE
Date: 8-14-87
Drawn By: S.S.
Checked By: W.M.
ENVIRONMENTAL ENGINEERS INC.
Chicago, Illinois

USER NAME =	ahmad,issa	DESIGNED -	REVISIONS -
PLOT SCALE =	N.T.S	CHECKED -	REVISIONS -
PLOT DATE =	7/26/2018	DRAWN -	REVISIONS -
		CHECKED -	REVISIONS -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1438
CONTRACT NO. 60X93				

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase II\000 CAD\008_Structural\Structure_016-1718\Existing_Plans\0161805-60X93-517-Existing17

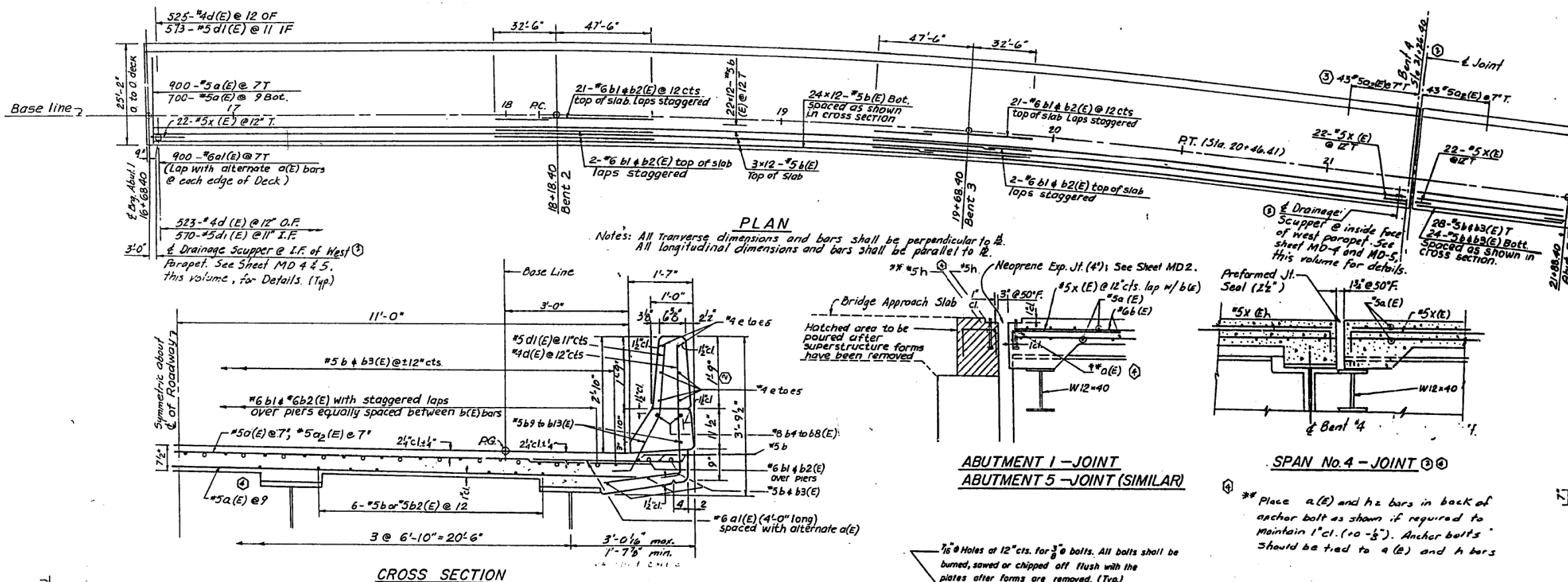
FEDERAL AND STATE NO.	SECTION	COUNTY	1944 SERIAL	SHEET NO.
90/94		COOK	79	7
STA. TO STA.				
FED. RD. DIST. NO.	ALIGNMENT	PLAN AND PROPOSED		
* 1985-080 R				



SUPERSTRUCTURE

③ BILL OF MATERIAL

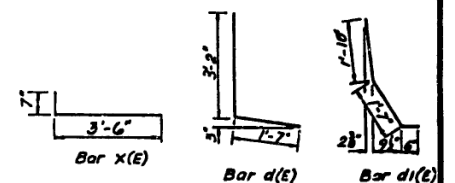
Bar	No.	Size	Length	Shape
a	1600	#5(E)	24'-6"	—
a1	1900	#6(E)	4'-0"	—
a2	86	#7(B)	24'-6"	—
b	678	#5(E)	40'-4"	—
b1	30	#6(E)	50'-0"	—
b2	50	#6(E)	32'-0"	—
b3	52	#5(E)	21'-4"	—
b4	16	#8(E)	35'-5"	—
b5	16	#8(E)	19'-9"	—
b6	12	#8(E)	39'-6"	—
b7	16	#8(E)	37'-7"	—
b8	8	#8(E)	32'-9"	—
b9	16	#5(E)	34'-0"	—
b10	16	#5(E)	19'-9"	—
b11	12	#5(E)	35'-2"	—
b12	16	#5(E)	31'-1"	—
b13	8	#5(E)	31'-5"	—
c1	32	#5(E)	2'-0"	—
c2	32	#5(E)	4'-6"	—
c	1046	#4(E)	4'-9"	—
d1	11+3	#5(E)	3'-11"	—
e	84	#4(E)	18'-5"	—
e1	48	#4(E)	19'-9"	—
e2	36	#4(E)	18'-0"	—
e3	96	#4(E)	17'-0"	—
e4	36	#4(E)	20'-5"	—
e5	36	#4(E)	18'-4"	—
x	88	#5(E)	4'-1"	—
Neoprene Exp. Jt. (4")			Lin.Ft.	48
Reinforced Jt. Seal (25")			Lin.Ft.	25
Reinforcement Bars				
Epoxy coated			lbs	108,710
Class X Concrete			cu. yds.	620
Protective Coat			sq. yds.	425



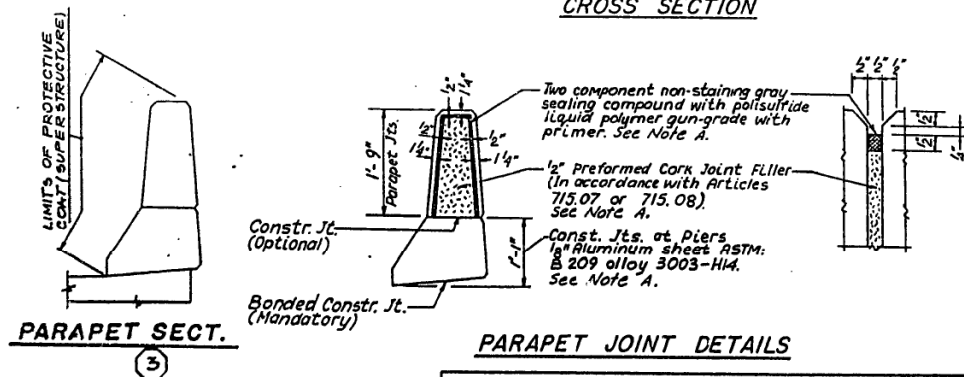
ABUTMENT 1 - JOINT
ABUTMENT 5 - JOINT (SIMILAR)

SPAN No. 4 - JOINT ②④

4) ** Place a (E) and hz bars in back of anchor bolt as shown if required to maintain 1" cl. (10 - $\frac{3}{8}$). Anchor bolts should be tied to a (E) and hz bars

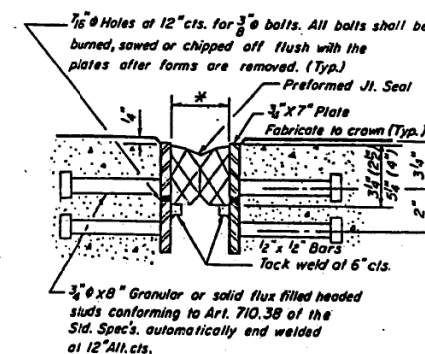
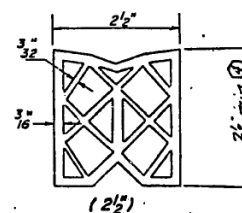


CROSS SECTION



PARAPET JOINT DETAILS

Note A : Cost incidental to class x conc. superstructure.



PREFORMED JOINT SEAL (2 1/2")

Note: For Neoprene Exp. Joint (4")
see Sheet MD 2.

- ② Notes: 1. See Sht. Exit 6 through Exit 10 for Superstructure Details.
2. All reinforcement bars in Superstructure shall be Epoxy Coated (E)
3. Bars indicated 22x21-#5 etc. indicates 22 lines of bars with 21 lengths per line.
4. For Downspout Drainage System Details see Sheet MD-7 this Volume.

SHEET EXIT 5 OF 17

REVISIONS	
Name	Date
(2) Revision	2-2
(3) Revision	3-4
(4) Revision	4-2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTION 1985-080R COOK COUNTY
ROADWAY GRADING AND PAVING
TAYLOR ST. EXIT RAMP OVER S.B. COLL. DIST.
SUPERSTRUCTURE

Scale: NONE
Date: 6-14-87

Drawn By: S.S.
Checked By: M.M.

ENVIRONMENTAL ENGINEERS INC.
Chicago, Illinois

HBM
ENGINEERING GROUP, LLC

USER NAME	=	ahmad.issa
PLOT SCALE	=	N.T.S
PLOT DATE	=	7/26/2018

DESIGNED	-	
CHECKED	-	
DRAWN	-	
CHECKED	-	MI, MAI

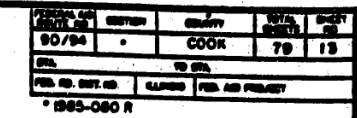
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1439
CONTRACT NO. 60X93				
ILLINOIS		FED. AID PROJECT		

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_D502_NAI\Documents\01_Americas\Transportation\60269938_Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing_Plans\0161805-60X93-518-Existing18



Box	A	B
S	2'-5"	1'-8"
S ₁	2'-5"	3'-6"
S ₂	3'-8"	1'-8"
U	3'-8"	1'-8"
U ₁	3'-8"	2'-0"

Furnishing Steel Piles	Lin.Ft.	750
Driving Steel Piles	Lin.Ft.	750
Class X Concrete	Cu.Yd.	47
Reinforcement Bars	Pound	4460
Test Pile (HP & SWS)	Each	1
Structure Excavation	Cu.Yd.	60

Notes: Cut S₁ & h bars to fit in the field.
Space reinforcement bars to miss Anchor Bolts.

SHEET EXIT 11 OF 17

REVISIONS	
Name	Date
② Revision	2-6-

STATE OF ALABAMA
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80-94 (DAN RYAN EXPRESSWAY)
SECTION 88B-000R GOOK COUNTY
ROADWAY GRADING AND PAVING
TAYLOR ST. EXIT RAMP OVER S.B. COLL. DIST.
BENT NO. 2

Scale: NONE
Date: 7-7-87

Drawn By: S.S.
Checked By: M.M.

ENVIRONMENTAL ENGINEERS, INC.

FOR INFORMATION ONLY

12

FED. AID DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	COOK	79	14	
STA.	TO STA.			
FED. RD. DIST. NO.	ILLINOIS	FED. AID PROJECT		
*1985-080 R				

BILL OF MATERIAL

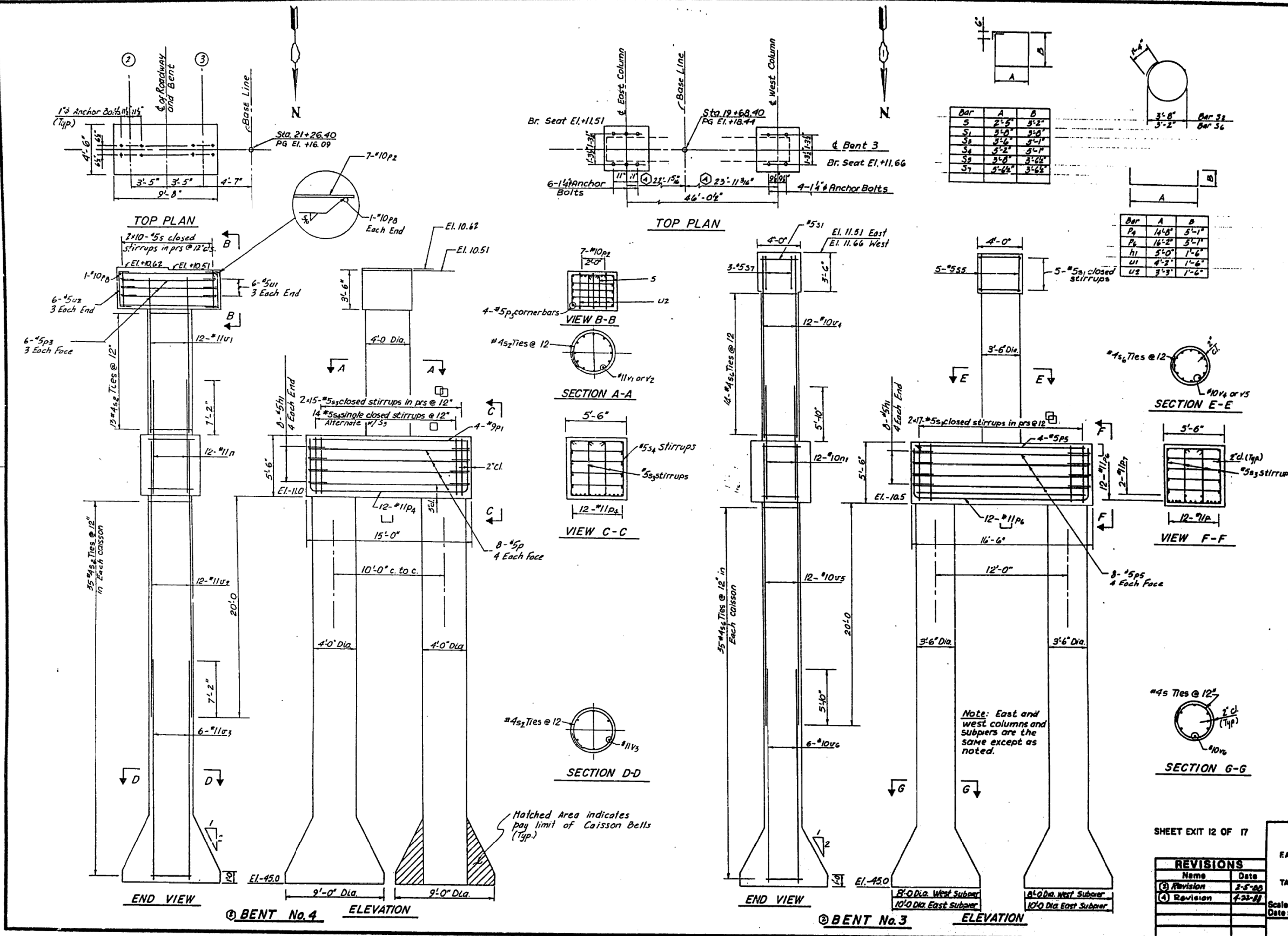
Bar	No.	Size	Length	Shape
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n	12	#11	12'-8"	
P1	24	#10	11'-4"	
P	8	#5	14'-9"	
P1	4	#9	14'-9"	
P2	7	#10	9'-3"	
P3	4	#5	9'-3"	
P4	12	#11	24'-10"	
P5	8	#5	16'-2"	
P6	24	#11	24'-4"	
P7	4	#11	15'-3"	
P8	2	#10	2'-3"	
S	20	#5	12'-2"	
S1	10	#5	15'-8"	
S2	83	#4	12'-10"	
S3	98	#5	18'-2"	
S4	14	#5	21'-0"	
S5	10	#5	15'-5"	
S6	168	#4	11'-3"	
S7	6	#5	15'-2"	
V1	12	#11	15'-0"	
V2	24	#11	25'-3"	
V3	12	#11	20'-0"	
V4	24	#10	16'-5"	
V5	48	#10	25'-3"	
V6	24	#10	20'-1"	
U1	6	#5	7'-2"	
U2	6	#5	6'-3"	
Class X Concrete				Cu. Yd. 79
Reinforcement bars				Pound 28750
Caisson Shaft 42'				Cu. Ft. 1328
Caisson Shaft 48'				Cu. Ft. 855
Caisson Bells				Cu. Ft. 1207
Structure Excavation				Cu. Yd. 110

Note: ②
See Sheet MD 8 (this volume) for
Caisson details.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTION 1985-080 R COOK COUNTY
ROADWAY GRADING AND PAVING
TAYLOR ST. EXIT RAMP OVER S.B. COLL. DIST.
BENT NOS. 3 AND 4
Scale: NONE
Date: 8-14-87
Drawn By: S.S.
Checked By: M.W.
ENVIRODYNE ENGINEERS INC.
Chicago, Illinois

SHEET EXIT 12 OF 17

REVISIONS	
Name	Date
③ Revision	2-5-88
④ Revision	4-23-88



USER NAME =	ahmad,issa	DESIGNED -		REVISED -	
PLOT SCALE =	N.T.S	CHECKED -		REVISED -	
PLOT DATE =	7/26/2018	DRAWN -		REVISED -	
		CHECKED -	MI, MAI	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		EXISTING RECORD DRAWINGS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 60X93				
				ILLINOIS FED. AID PROJECT				

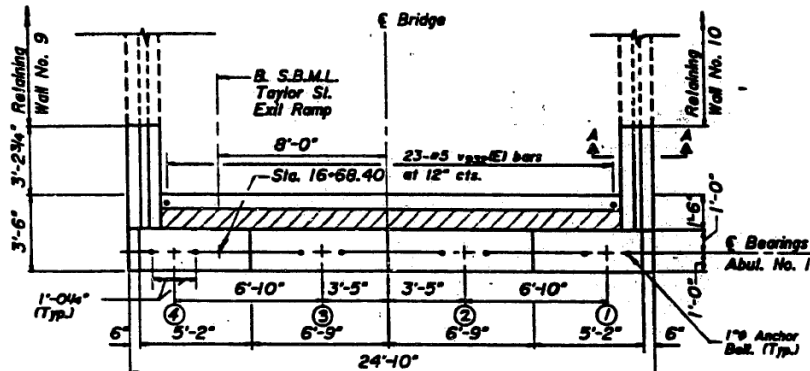
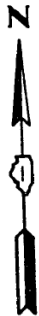
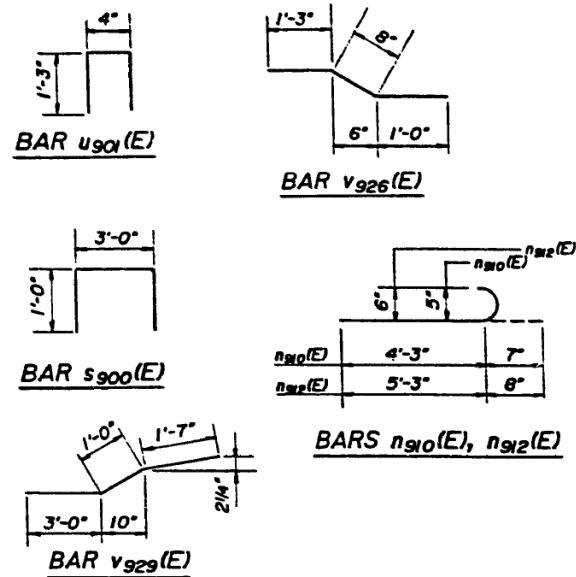
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FOR INFORMATION ONLY

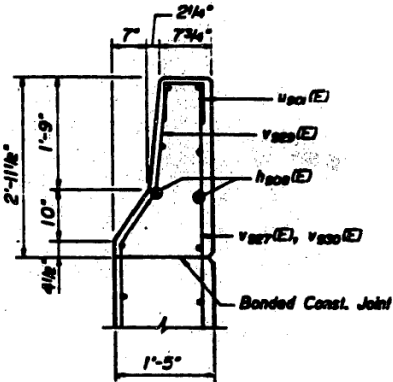
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60X93	60X93-R	7/2	MAI	MAI
DATE	BY	CHKD.	DATE	BY
7/2	MAI	MAI	7/2	MAI

BILL OF MATERIAL

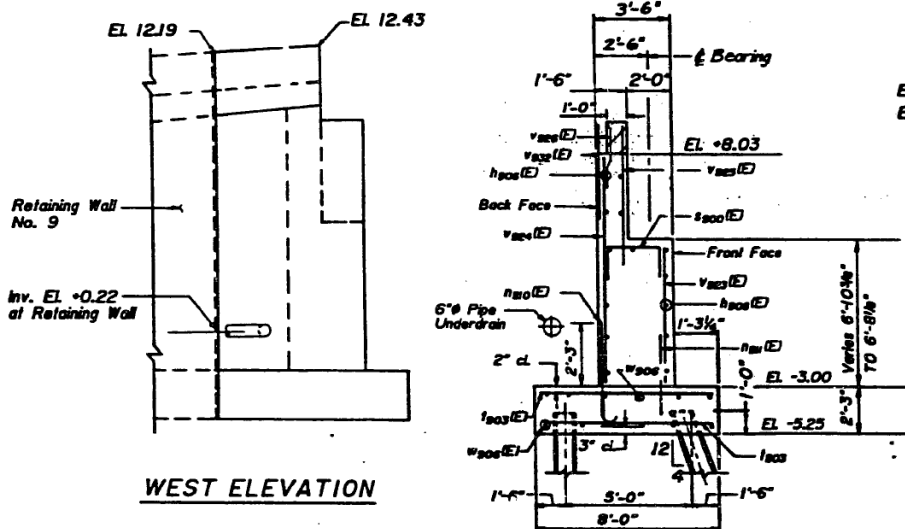
Bar	No.	Size	Length	Shape
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Bar	25	03	6'-3"	
Bar	40	03	4'-3"	
Bar	6	03	3'-3"	
Bar	25	03	4'-10"	
Bar	33	03	3'-0"	
Bar	12	04	9'-4"	
Bar	25	03	9'-0"	
Bar	35	03	7'-8"	
Bar	6	04	2'-10"	
Bar	25	03	6'-4"	
Bar	25	03	10'-9"	
Bar	25	03	6'-7"	
Bar	25	03	8'-4"	
Bar	6	03	14'-4"	
Bar	12	04	11'-9"	
Bar	10	03	5'-7"	
Bar	4	03	4'-3"	
Bar	4	03	6'-0"	
Bar	23	03	5'-0"	
Bar	18	03	27'-8"	
Item	Unit	Quantity		
Structure Excavate	Cu.Yd.	62		
Class X Concrete	Cu.Yd.	50.8		
Protective Coat	Sq.Yd.	48		
Reinforcement Bars	Lbs.	870		
Reinforcement Bars Epoxy Coated	Lbs.	2,680		
Steel Pile HP 12-53	Lb/L	585		
Tool Pile Steel HP 12-53	Each	1		
Pile Underdrain - 6"	Lb/L	24		
Concrete Wall Drain	Sq.Yd.	22		
Driving Steel Pile	Lb/L	585		



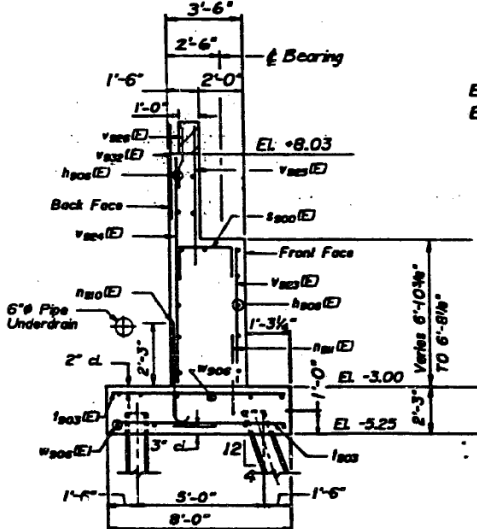
TOP VIEW



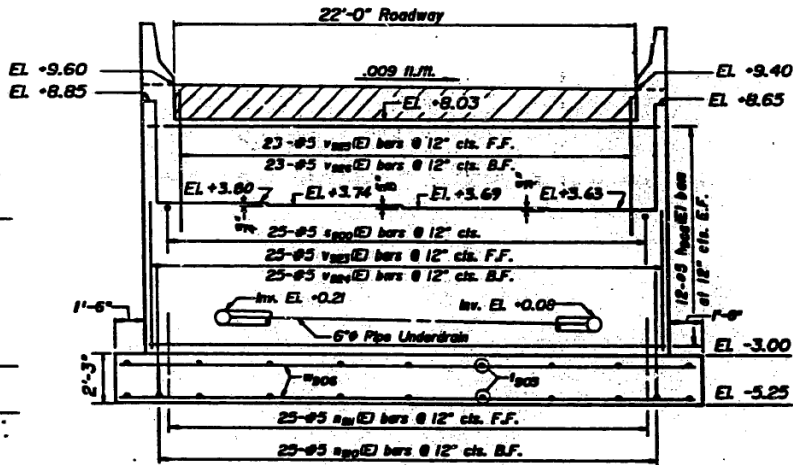
SECTION A-A



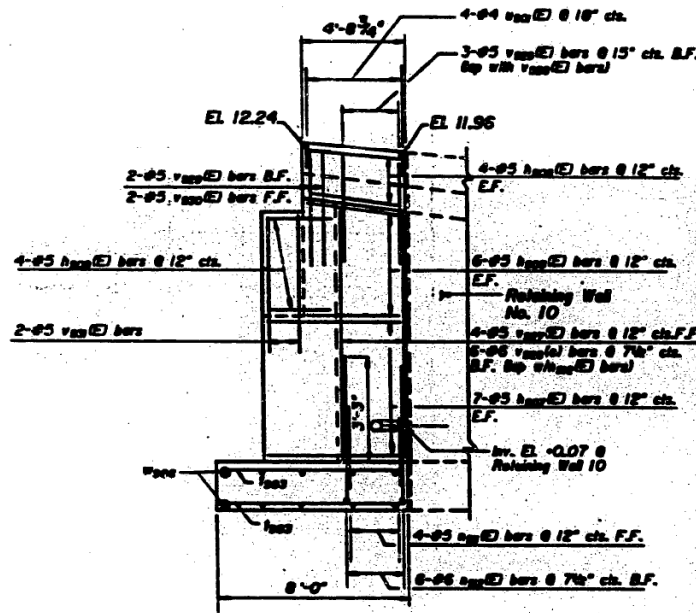
WEST ELEVATION



SECTION



FRONT ELEVATION 2



EAST ELEVATION

Note: Reinforcement in West Elevation typical

F.F. = Front Face
B.F. = Back Face
E.F. = Each Face

Indicates pile battered
4" per foot

PILE DATA

TYPE: STEEL HP 12-53
CAPACITY: 65 TON, DRIVE TO 90
TON BEARING
EST. LENGTH = 65 FT.
NUMBER REQUIRED = 9 PLUS 1 TEST
PILE

Revision: Nov. 25, 1987

SHEET EXT 13 OF 17

Name	Date
(S) Revision	5-5-88

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 50/54 (DAN RYAN EXPRESSWAY)
SECTION 1925-0300 COOK COUNTY
ROADWAY GRADING AND PAVING
TAYLOR ST. EXT RAMP OVER S.B. COLL. DRY.
ABUTMENT NO. 1

Scale: NONE
Date: 8-14-87

Drawn By: TS
Checked By: GP

ENGINEERING GROUP, LLC
Illinois, Inc.

GENERAL NOTES

- Loading - HS 20-44 and allowance of 25 psf for future wearing surface.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch.
- Installation of hatched portion of backwall is not part of this contract.
- For Anchor Bolt Details, see Sheet MD 1.
- Space reinforcement in bridge seat to clear anchor bolts.
- For underdrains and backfill details, see Sheet RW 30, Volume No. 4.
- Bars designated (E) shall be epoxy coated.
- Hatched areas to be poured after superstructure is in place. Quantities included with Superstructure.
- For General Plan, see Sheet GEN 3, Vol. No. 4.

The Contractor shall drive one (1) Steel Test Pile (HP 12-53) in a permanent location at Abutment No. 1 as directed by the Engineer before ordering the remainder of piles.



USER NAME	=	ahmad,issa	DESIGNED	-		REVISED	-	
PLOT SCALE	=	N.T.S	CHECKED	-		REVISED	-	
PLOT DATE	=	7/26/2018	DRAWN	-		REVISED	-	
			CHECKED	-	MI, MAI	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1442
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

DATE	REVISION	BY	DATE	SHEET NO.
09/04/2009	1	MM	09/04/2009	79
09/04/2009	2	MM	09/04/2009	10

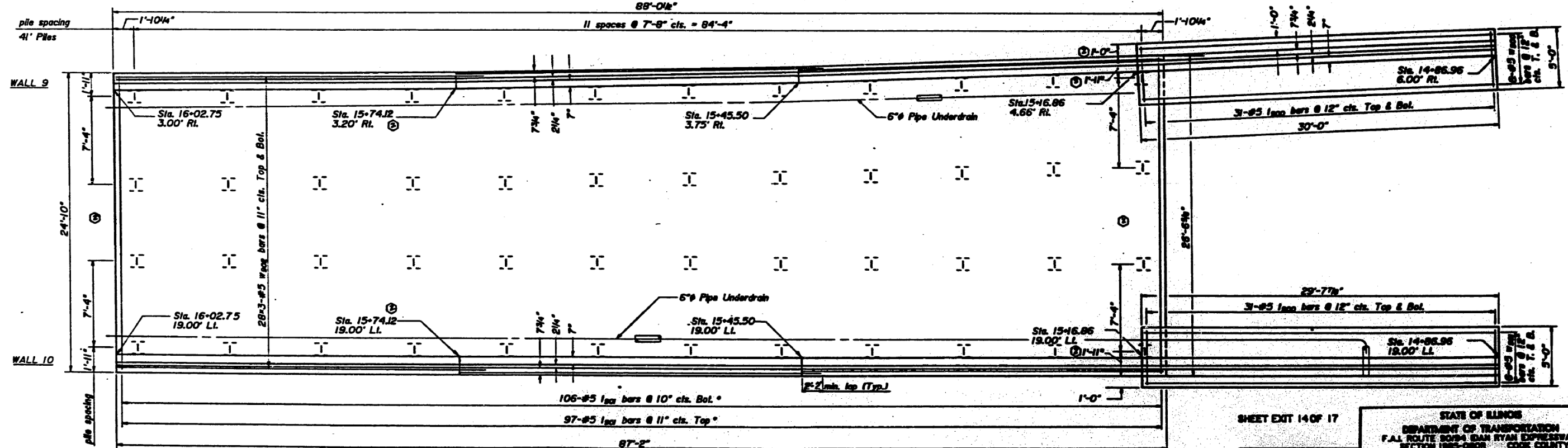
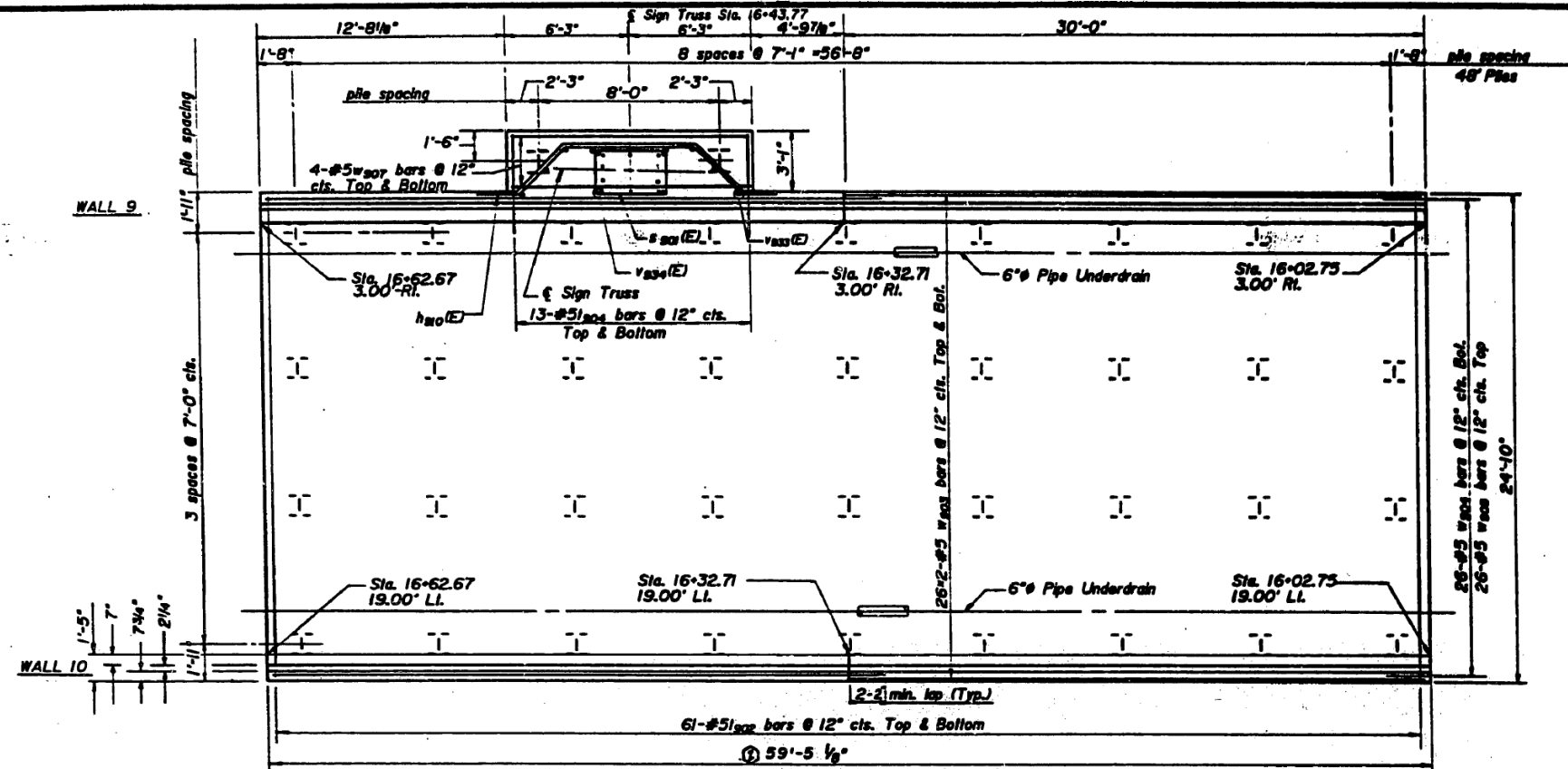
② Note:
The Contractor shall drive Two (2) Steel Test Piles (HP 12x53) in permanent locations, one at Wall No. 9 and one at Wall No. 10, as directed by the engineer before ordering the remainder of piles.

PILE DATA

Sta. 16+62.67 to Sta. 16+02.75
TYPE: STEEL HP 12x53
CAPACITY: 45 TON-DRIVE TO
60 TON BEARING
EST. LENGTH: 48 FT.
NUMBER REQUIRED: 37 PLUS 1
TEST PILE

Sta. 16+02.75 to Sta. 15+16.86
TYPE: STEEL HP 12x53
CAPACITY: 35 TON-DRIVE TO
53 TON BEARING
EST. LENGTH: 41 FT.
NUMBER REQUIRED: 47 PLUS 1
TEST PILE

MAXIMUM CALCULATED SOIL
PRESSURE UNDER SPREAD
FOOTINGS = 1,300 psi



* Order 100 bars full length and cut to fit in field.

See Notes on Sheet EXIT 16

PLAN



SHEET EXIT 14 OF 17

REVISIONS	DATE
① Revision	3-5-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 30/94 DAN RYAN EXPRESSWAY
SECTION 1985-0808 COOK COUNTY
ROADWAY GRADING AND PAVING
TAYLOR ST. EXT RAMP OVER S.E. COLL. DIST.
RETAINING WALL NOS. 9 AND 10
PLAN
Scale: 1/8"=1'-0"
Date: 8-14-07
Drawn By: PVV
Checked By: GSP
ENGINEERING INC.

HBM
ENGINEERING GROUP, LLC

USER NAME =	ahmad,issa	DESIGNED -	REVISED -
PLOT SCALE =	N.T.S	CHECKED -	REVISED -
PLOT DATE =	7/26/2018	DRAWN -	REVISED -
		CHECKED -	REVISED -

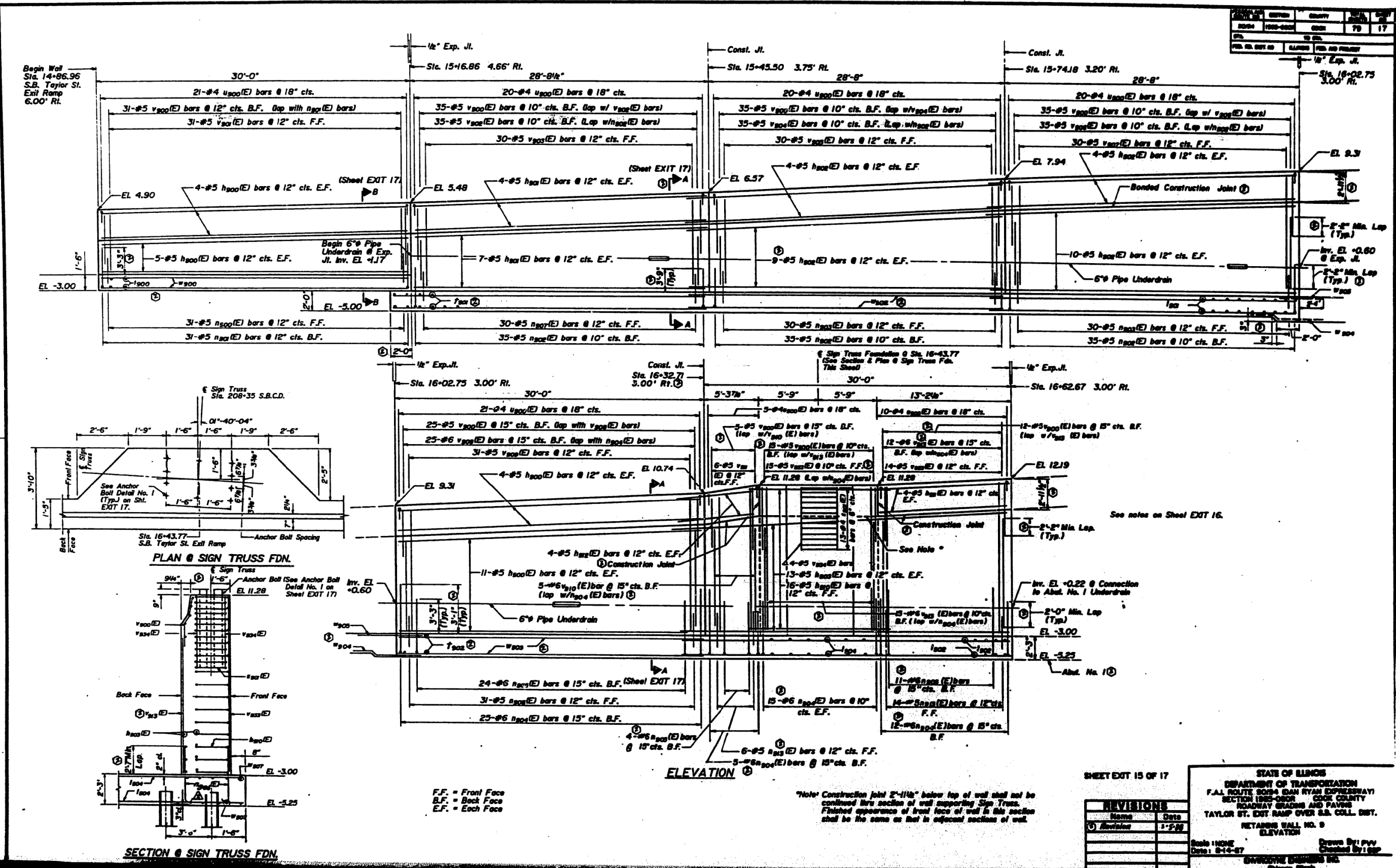
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1443
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY



FILE NAME: dwg\161749-PWINT-accomline\local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase\I\0000_CAD\008_Structural\Structure_016-1718\Existing Plans\0161805-60X93-522-Existing.dwg



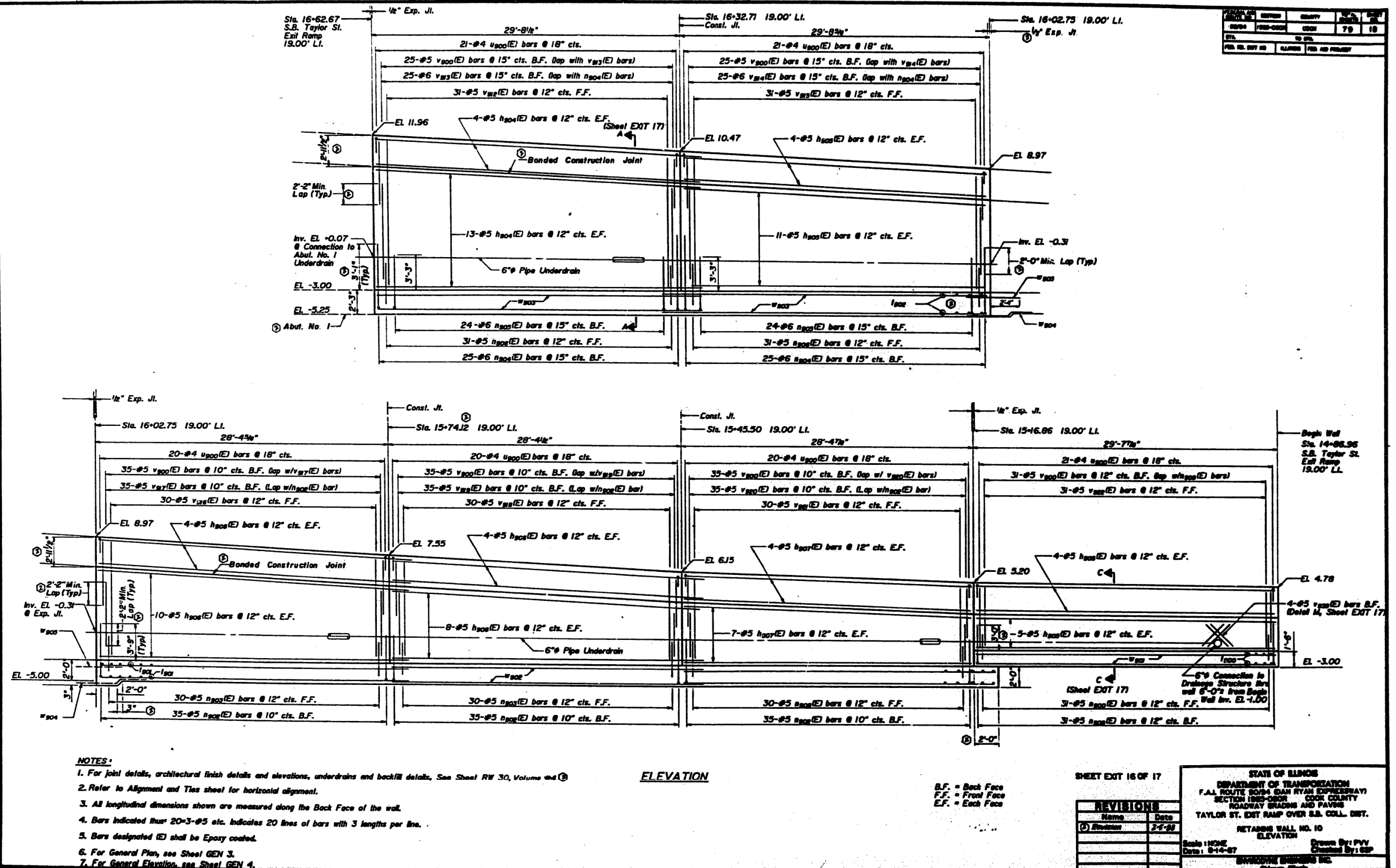
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PLOT DATE	=	7/26/2018	DRAWN	-	REVIS	-
			CHECKED	-	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

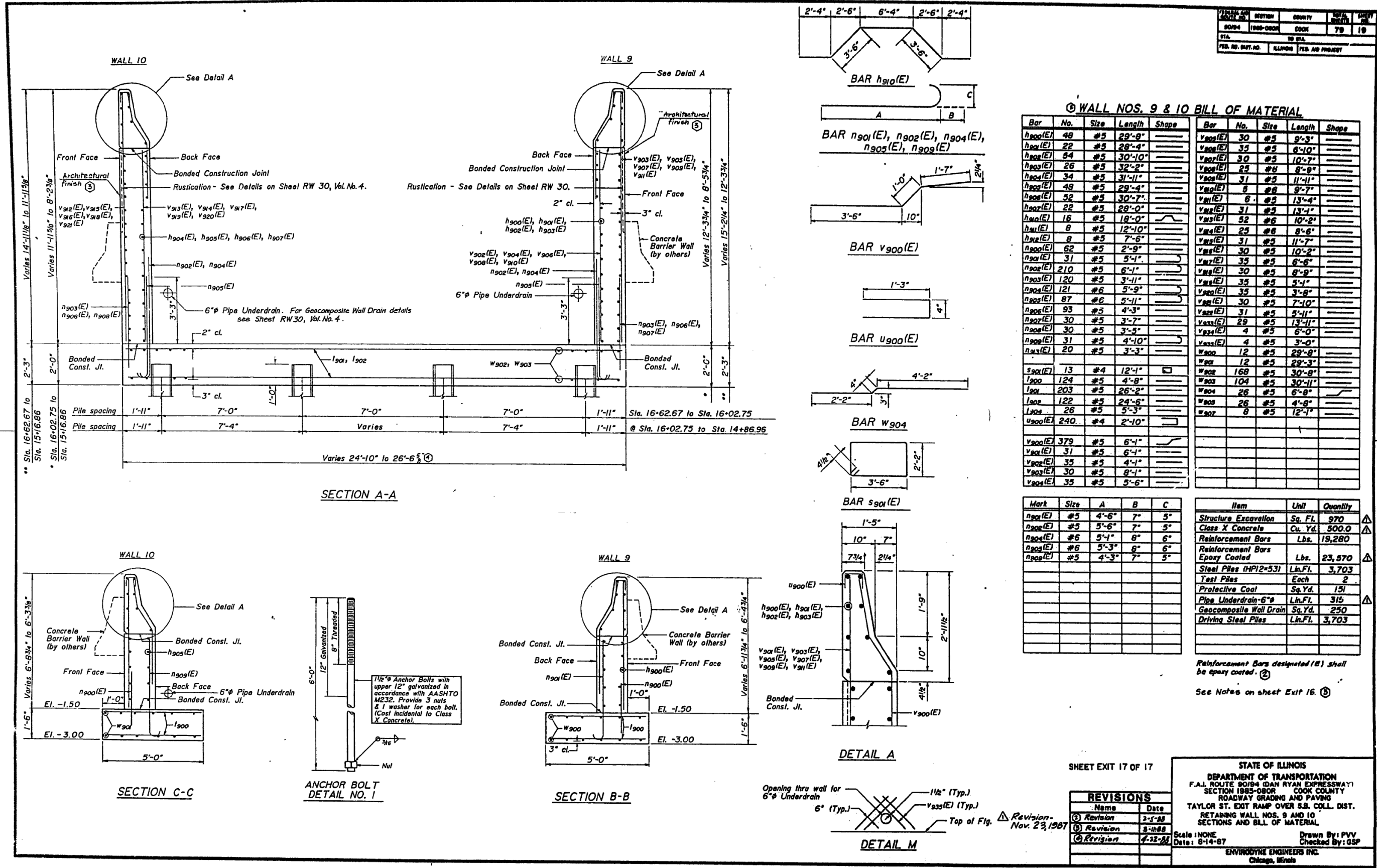
EXISTING RECORD DRAWINGS

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90/94/290	2014-013R&B-R	COOK	1972	1444
				CONTRACT NO. 60X93
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



FOR INFORMATION ONLY



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FOR INFORMATION ONLY

INDEX OF SHEETS.

- 1 TITLE SHEET
- 2 PLAN OF FOUNDATIONS
- 3 PLAN OF RIGHT OF WAY
- 4,5,6 DETAILS OF SUB-PIERS
- 7 RESIDENT AND PROPORTIONING ENGINEERS OFFICE

STATE OF ILLINOIS
COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

SCALE: 1" = 10'-0"

FA. ROUTE-131-PROJECT U1.261(5)
FURNISHING AND CONSTRUCTING SUB PIERS
CONGRESS STREET SUPERHIGHWAY
DESPLAINES STREET TO CANAL STREET
SEC-002-24242-MRT

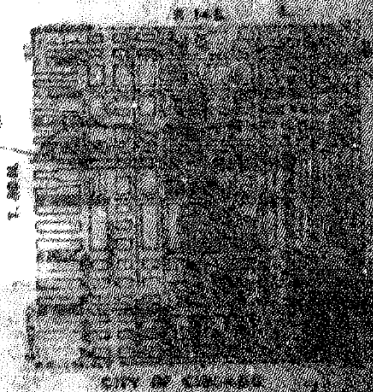
RETURN THIS PLAN
TO MAINTENANCE
ROOM 706
DRAWER

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS
APPROVED: [Signature]
APPROVED: [Signature]
APPROVED: [Signature]

DESIGNED: [Redacted]
CHECKED: [Redacted]
PLOTTED: [Redacted]
APPROVED: [Redacted]
APPROVED: [Redacted]

DESIGNED: [Redacted]
CHECKED: [Redacted]
PLOTTED: [Redacted]
APPROVED: [Redacted]
APPROVED: [Redacted]

THE IMPROVEMENT CONSISTS OF THE CONSTRUCTION
OF 18 REINFORCED CONCRETE SUB-PIERS OF
40 AND 48" DIAMETERS, WITH DEPTHS VARYING
UP TO 8'-6"



PLANS APPROVED
BY SUPERVISOR OF HIGHWAYS



USER NAME	=	ahmad,issa	DESIGNED	-	REVISED	-
			CHECKED	-	REVISED	-
PLOT SCALE	=	N.T.S	DRAWN	-	REVISED	-
PLOT DATE	=	7/26/2018	CHECKED	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

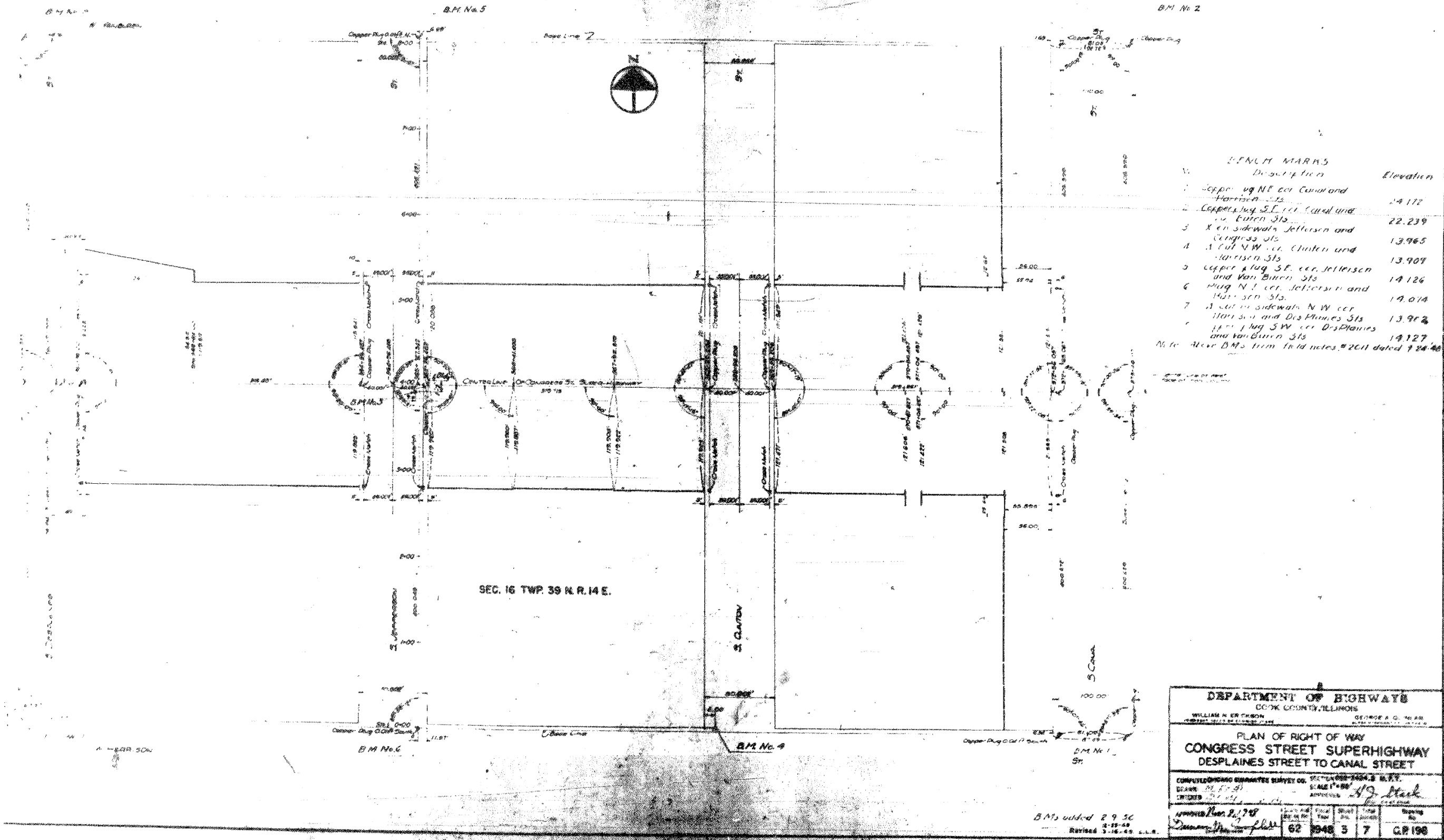
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1447
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_D502_NA\Documents\01 Americas\Transportation\60269938 Circle\Phase II\000 CAD\008_Structural\Structure_016-1718\Existing_Plans\0160461-60X93-541-Existing41



FOR INFORMATION ONLY



FILE NAME: DWG\1617479-PWINT-acomonline.local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_11000_CAD\008_Structural\Structure_016-1718\Existing Plans\0160461-60X93-542-Existing.dwg



USER NAME	=	ahmad,issa	DESIGNED	-	REVISED	-
			CHECKED	-	REVISED	-
PLOT SCALE	=	N.T.S	DRAWN	-	REVISED	-
PLOT DATE	=	7/26/2018	CHECKED	-	REVISED	-
			MI, MAI			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

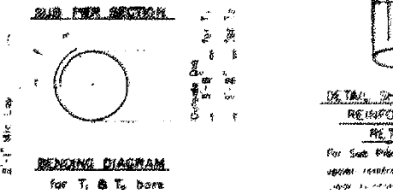
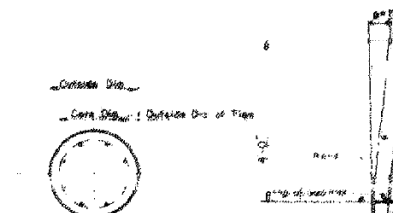
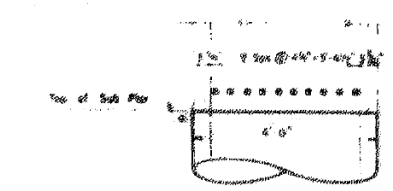
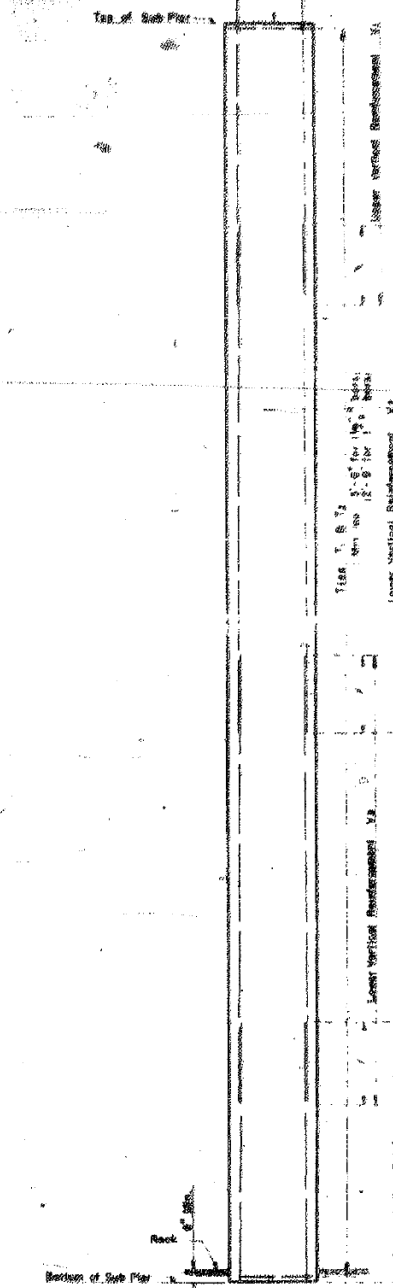
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1449
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

PIER NO.	SUB PIER	TYPE	S.P.	ELEV.	S.P.	REINFORCEMENT										TOTAL	REMARKS
						NO.	SIZE	LENGTH	NO.	SIZE	LENGTH	NO.	SIZE	LENGTH	NO.		
1	A	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	B	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	C	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	D	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	E	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	F	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	G	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	H	4'-6"	4'-6"	80'-0"	80'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
2	A	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	B	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	C	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	D	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	E	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	F	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	G	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	H	4'-6"	4'-6"	77'-0"	77'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
3	A	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	B	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	C	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	D	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	E	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	F	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	G	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	H	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
4	A	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	B	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	C	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	D	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	E	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	F	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	G	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	H	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
5	A	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	B	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	C	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	D	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	E	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	F	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	G	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"
	H	4'-6"	4'-6"	75'-0"	75'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"	12	1/2"	18'-0"

NOTE:
Vertical steel lengths are indicated on base elevations as shown, allowing definite projection of bars at top.
In equal base elevations are lowered, additional bars shall be utilized at bottom for depth of lap and cost of same paid for as reinforcement bars at contract unit price.



DETAILS OF SUB PIERS	
CONGRESS STREET SUPERHIGHWAY	
DES PLAINES STREET TO CANAL STREET	
DESIGNED BY: H. B. M. ENGINEERING GROUP, LLC	CHECKED BY: H. B. M. ENGINEERING GROUP, LLC
DATE: 7/26/2018	SCALE: N.T.S.
PROJECT NO. 62	SHEET NO. 47
CONTRACT NO. 60X93	

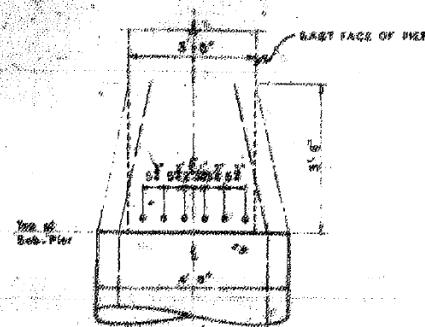
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PIER NO.	SHE PER MARK	OUTSIDE DIA.	CORE DIA.	CORE TOP	ELEV. BOT.	VERTICAL REINFORCEMENT										TIES										CONCRETE CUB FT	REINFORCEMENT LBS
						UPPER REINFORCEMENT					LOWER REINFORCEMENT					TIES											
						MARK	NO	SIZE	LENGTH	EL. TOP	EL. BOT	MARK	NO	SIZE	LENGTH	EL. TOP	EL. BOT										
13	A	4'-6"	44"	10'-0"	78'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	88	3/8"	14'-0"	12	+3'-6"	-77'-6"	1399.6	9828	
	B	4'-6"	44"	10'-0"	78'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	12	1/4"	26'-0"	8'-6"	34'-6"	T1	88	3/8"	14'-0"	12	+3'-6"	-77'-6"	1399.6	9828	
	C	4'-6"	44"	10'-0"	78'-0"	V1	8	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	88	3/8"	14'-0"	12	+3'-6"	-77'-6"	1399.6	9828	
	D	4'-6"	44"	10'-0"	78'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	12	1/4"	26'-0"	8'-6"	34'-6"	T1	88	3/8"	14'-0"	12	+3'-6"	-77'-6"	1399.6	9828	
	E	4'-6"	44"	10'-0"	78'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	12	1/4"	26'-0"	8'-6"	34'-6"	T1	88	3/8"	14'-0"	12	+3'-6"	-77'-6"	1399.6	9828	
	A	4'-0"	38"	+8'-0"	79'-0"	V1	8	1/4"	20'-0"	+8'-0"	-12'-0"	V1	8	1/4"	20'-0"	5'-3"	34'-6"	T1	83	3/8"	12'-6"	12	+3'-6"	-78'-6"	1048.0	4450	
	B	4'-0"	38"	+8'-0"	79'-0"	V1	8	1/4"	20'-0"	+8'-0"	-12'-0"	V1	8	1/4"	20'-0"	5'-3"	34'-6"	T1	83	3/8"	12'-6"	12	+3'-6"	-78'-6"	1048.0	4450	
	C	4'-0"	38"	+8'-0"	79'-0"	V1	8	1/4"	20'-0"	+8'-0"	-12'-0"	V1	8	1/4"	20'-0"	5'-3"	34'-6"	T1	83	3/8"	12'-6"	12	+3'-6"	-78'-6"	1048.0	4450	
	D	4'-0"	38"	+8'-0"	79'-0"	V1	8	1/4"	20'-0"	+8'-0"	-12'-0"	V1	8	1/4"	20'-0"	5'-3"	34'-6"	T1	83	3/8"	12'-6"	12	+3'-6"	-78'-6"	1048.0	4450	
	E	4'-6"	44"	10'-0"	80'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	90	3/8"	14'-0"	12	+3'-6"	-78'-6"	1431.4	9828	
	B	4'-6"	44"	10'-0"	80'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	90	3/8"	14'-0"	12	+3'-6"	-78'-6"	1431.4	9828	
	C	4'-6"	44"	10'-0"	80'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	90	3/8"	14'-0"	12	+3'-6"	-78'-6"	1431.4	9828	
14	D	4'-6"	44"	10'-0"	80'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	90	3/8"	14'-0"	12	+3'-6"	-78'-6"	1431.4	9828	
	E	4'-6"	44"	10'-0"	80'-0"	V1	12	1/4"	26'-0"	+14'-0"	-12'-0"	V1	8	1/4"	27'-3"	6'-3"	36'-6"	T1	90	3/8"	14'-0"	12	+3'-6"	-78'-6"	1431.4	9828	
	A	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	B	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	C	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	D	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	E	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	A	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	B	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	C	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	D	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	
	E	4'-0"	38"	+8'-0"	81'-0"	V1	8	1/4"	23'-6"	+11'-6"	-12'-0"	V1	8	1/4"	27'-3"	9'-3"	36'-6"	T1	89	3/8"	12'-6"	12	+7'-6"	-80'-6"	1118.4	4771	

DEPARTMENT OF HIGHWAYS COOK COUNTY ILLINOIS STATE OF ILLINOIS CHICAGO, ILLINOIS	
DETAILS OF SUB PIERS CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
CITY OF CHICAGO C.A.K.	002-2424, N.Y. <i>H. Stark</i>
Nov. 8, 1945 <i>James M. C. [unclear]</i>	62 1945 5 7 C.P. 200

FOR INFORMATION ONLY

PIER 16									
REINFORCEMENT									
BAR	NO.	SIZE	LENGTH	EL. TOP	EL. BOT	CONCRETE	EL. TOP	EL. BOT	REMARKS
1	1	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
2	2	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
3	3	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
4	4	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
5	5	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
6	6	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
7	7	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
8	8	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
9	9	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
10	10	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
11	11	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
12	12	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
13	13	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
14	14	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
15	15	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
16	16	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
17	17	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
18	18	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
19	19	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
20	20	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
21	21	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
22	22	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
23	23	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
24	24	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
25	25	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
26	26	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
27	27	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
28	28	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
29	29	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
30	30	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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32	32	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
33	33	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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37	37	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
38	38	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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54	54	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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63	63	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
64	64	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
65	65	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
66	66	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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79	79	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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81	81	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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85	85	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
86	86	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
87	87	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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95	95	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
96	96	12	12'-0"	111'-0"	110'-0"	111'-0"	111'-0"	110'-0"	
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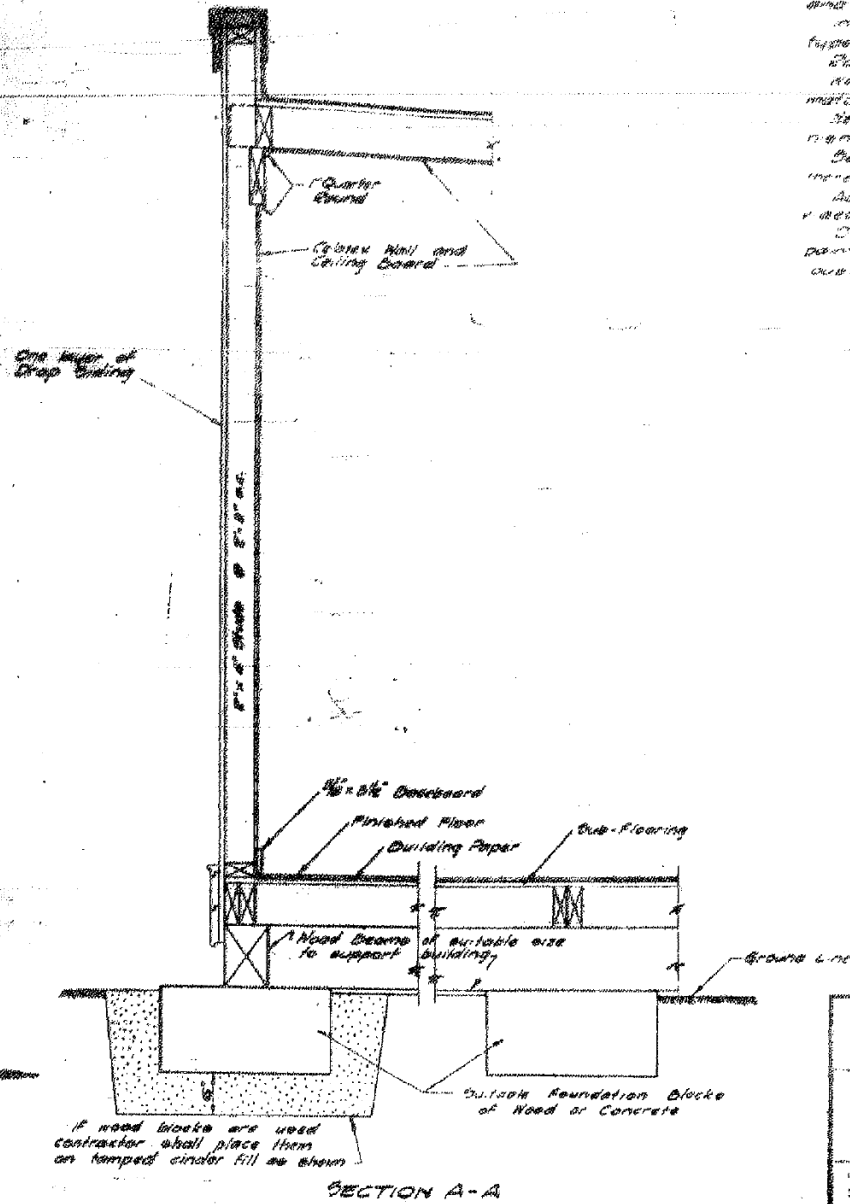
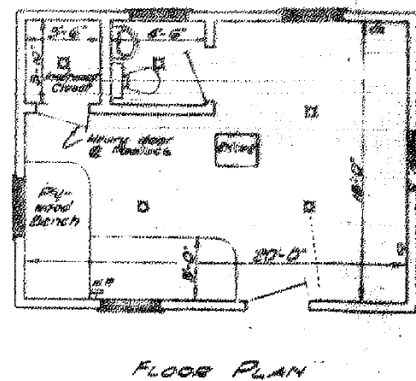
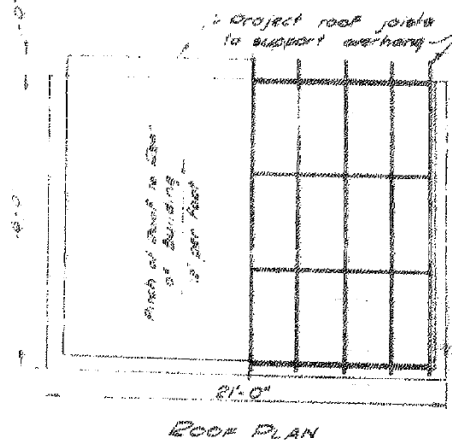
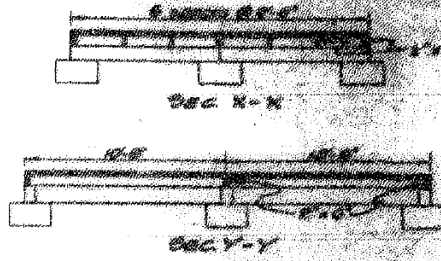
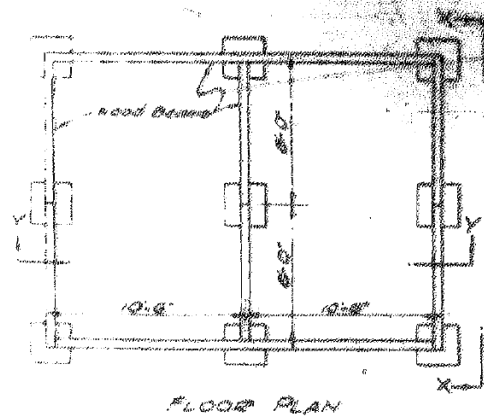


DETAIL SHOWING SPACING OF REINFORCEMENT ON PIER 16 SUB-PIERS E, F, G, H, AND I.

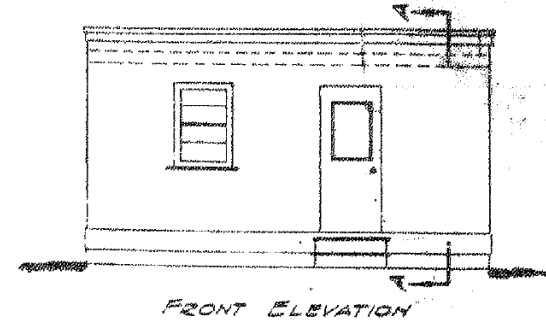
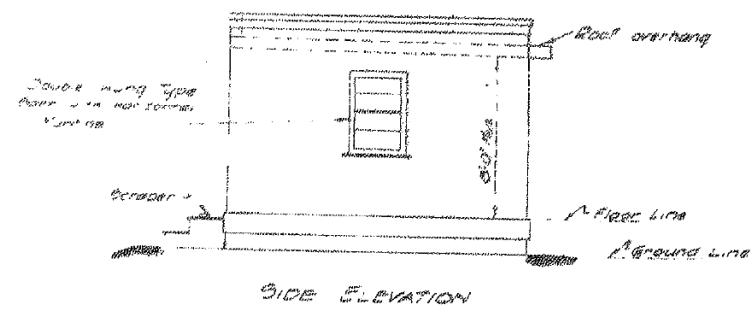
Reinforcement shall be placed to clear reinforcement steel and fast into wall.

DEPARTMENT OF HIGHWAYS			
COOK COUNTY, ILLINOIS			
DETAILS OF SUB PIERS CONT'D			
CONGRESS STREET SUPERHIGHWAY			
DES PLAINES STREET TO CANAL STREET			
C.A.K.			
62 1948 6 7 C.P.28			

FOR INFORMATION ONLY



SPECIFICATIONS FOR ENGINEER OFFICE
Exterior door to be furnished with an
upper removable pane and a lower panel,
and equipped with a lock-type set.
Windows to be equipped with screens.
Office to be wired for light, wall plugs,
and switch as shown, and equipped with
100 watt lamps.
A flush toilet and sink to be installed
in bathroom and connected to city water
and a standard sewer.
Intrusion closed door to be of heavy
type and equipped with substantial padlock.
Roof to be weathered and weathered
with to be constructed of weathered
matched lumber to insure weather protection.
Secondary eaves, or eaves to be fur-
nished at option of Engineer.
Benches to be so constructed that
there is no deflection for a 30 lb load.
Adequate seating facilities are to be pro-
vided.
Office to be given two coats of exterior
paint of any durable color with harmon-
izing matching paint for trim.



DEPARTMENT OF HIGHWAYS
RESIDENT & PROPORTIONING
ENGINEERS OFFICE
JAN 24 1948 - M.F.T.
Sgt. J. J. Black
AL. 11-12-1948 9.11.50
Mr. J. J. Campbell 62 1948 7 7 CP 433



USER NAME	=	ahmad, issa	DESIGNED	-	REVIS	-
			CHECKED	-	REVIS	-
PLOT SCALE	=	N.T.S	DRAWN	-	REVIS	-
PLOT DATE	=	7/26/2018	CHECKED	-	REVIS	-
				MI, MAI		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1453
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE NAME: D:\161749-PWINT-accomonline.local\AECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_11000_CAD\008_Structural\Structure_016-1718\Existing Plans\0160461-60X93-54E-Existing.dwg 1:41:18 PM

FOR INFORMATION ONLY

INDEX OF SHEETS.
SEE SHEET NO. 2

STATE OF ILLINOIS
COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

SUMMARY OF QUANTITIES

607,898	LBS.	STRUCTURAL STEEL
46,822	LBS.	STRUCTURAL STEEL FURNISH ONLY

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

PLAN	1 INCH	60 FT.
PROFILE HOR.	1 INCH	60 FT.
PROFILE VERT.	1 INCH	10 FT.
CROSS SECTIONS	1 INCH	5 FT. VERT.
LONG. SECTIONS	1 INCH	10 FT. HOR.

F.A.ROUTE 131 PROJECT U.I.261(5)

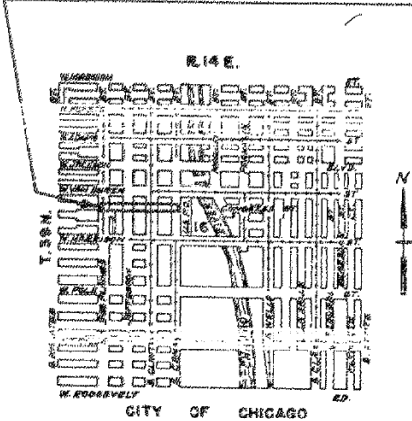
STRUCTURAL STEEL

CONGRESS STREET SUPERHIGHWAY

DES PLAINES STREET TO CANAL STREET

SEC.- 062-2424.4 - M.F.T.

SECTION 062-2424.4-M.F.T. INCLUDES: THE FURNISHING
AND ERECTION OF STRUCTURAL STEEL FOR A SIXTEEN (16)
SPAN W.F. BEAM STRUCTURE TO CARRY CONGRESS STREET
EXPRESSWAY FROM SOUTH CANAL STREET, WEST FOR
1502 FEET TO SOUTH DES PLAINES STREET ALL IN THE
CITY OF CHICAGO.



PLANS APPROVED
BY STATE DIVISION OF HIGHWAYS
3-29-51

REVISIONS		
DATE	BY	DESCRIPTION
11-1-50	W.B.P.	REVISED TO SHOW REVISIONS

COUNTY OF COOK DEPARTMENT OF HIGHWAYS	
APPROVED: <i>[Signature]</i>	DATE: 10-2-51
APPROVED: <i>[Signature]</i>	DATE: 10-2-51
APPROVED: <i>[Signature]</i>	DATE: 10-2-51
SUPERVISOR	
STATE OF ILLINOIS DEPARTMENT OF PUBLIC WORKS AND BUILDINGS DIVISION OF HIGHWAYS	
COMMITTEE: <i>[Signature]</i>	DATE: 10-2-51
DESIGNED: <i>[Signature]</i>	DATE: 10-2-51
PROPOSED: <i>[Signature]</i>	DATE: 10-2-51
APPROVED: <i>[Signature]</i>	DATE: 10-2-51
APPROVED: <i>[Signature]</i>	DATE: 10-2-51
DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL:	
DISTRICT ENGINEER	DATE
APPROVED:	
DIVISION ENGINEER	DATE

FILE NAME: D:\3161749-PWINT-accomonline\local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_11000_CAD\008_StructuralSteel\Structure_016-1718\Existing Plans\0160461-60X93-SX-Existing.dwg



USER NAME =	ahmad,issa	DESIGNED -	REVISIONS -
PLOT SCALE =	N.T.S	CHECKED -	REVISIONS -
PLOT DATE =	7/26/2018	DRAWN -	REVISIONS -
		CHECKED -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1454
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

DRAWING NO. 062-2424-3				DRAWING NO. 062-2424-4				DRAWING NO. 062-2424-5			
DESCRIPTION		NO.	SHEET NO.	DESCRIPTION		NO.	SHEET NO.	DESCRIPTION		NO.	SHEET NO.
TITLE PAGE FOR GENERAL CONTRACT 062-2424-3				EXPANSION BEARING FOR PIERS 1 THRU 14				DRAINAGE LAYOUT			
INDEX OF DRAWINGS FOR 062-2424-3				PIER 1				TYPE A-2 MANHOLE			
PLAN & PROFILE FOR DES PLAINES ST. SUPERHIGHWAY				PIER 2				TYPE A INLET			
PLAN & PROFILE FOR DES PLAINES ST.				PIER 3				TYPE 31 C&G FRAME & GRATE			
GRADES W.S. W&B & E.B. MAIN				PIER 4				TYPE 32 C&G FRAME & GRATE			
SEQUENCE OF CONSTRUCTION				PIER 5				STANDARD FRAMES & GRATES			
PLAN OF RIGHT OF WAY				PIER 6				DETAIL OF CONTRACTION JOINT			
PLAN OF SUB-STRUCTURES (INCL. WALLS)				PIER 7				DETAIL OF LONGITUDINAL METAL JOINT			
PLAN OF FOUNDATIONS (CAISSONS)				PIER 8				NAME PLATES			
				PIER 9							
				PIER 10							
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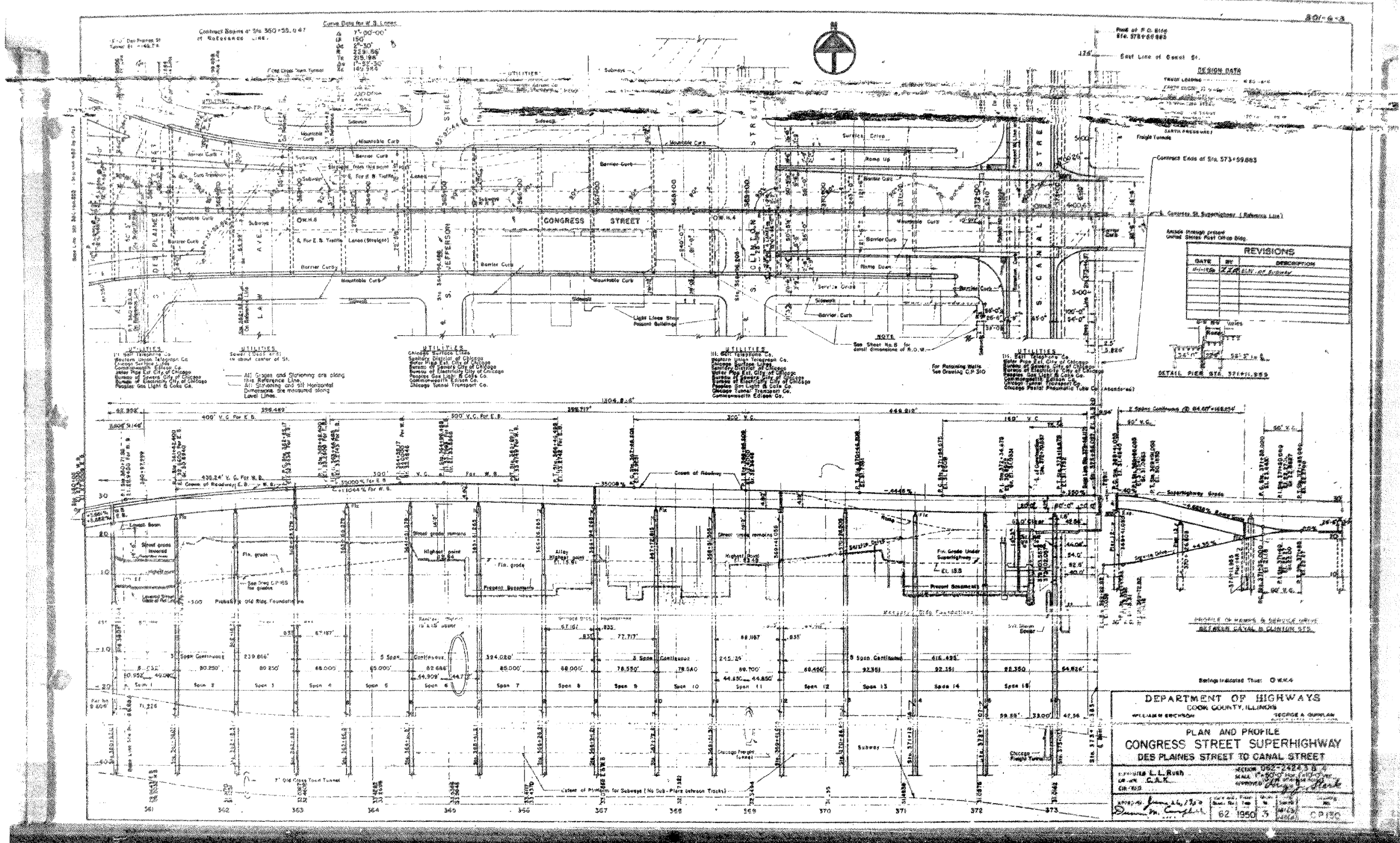
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	C.P. 305	76	76
	C.P. 307	77	77
	C.P. 308	78	78
	C.P. 236	80	80
	C.P. 237	81	81
	C.P. 238	82	82
	C.P. 239	83	83
	C.P. 240	84	84
	C.P. 241	85	85
	C.P. 242	86	86
	C.P. 243	87	87
	C.P. 244	88	88
	C.P. 245	89	89
	C.P. 246	90	90
	C.P. 247	91	91
	C.P. 248	92	92
	C.P. 249	93	93
	C.P. 250	94	94
	C.P. 251	95	95
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	C.P. 253	97	97
	C.P. 254	98	98
	C.P. 255	99	99
	C.P. 256	100	100
	C.P. 257	101	101
	C.P. 258	102	102
	C.P. 259	103	103
	C.P. 260	104	104
	C.P. 261	105	105
	C.P. 262	106	106
	C.P. 413	107	107
KEY LOCATION OF INLETS & DOWN SPOUTS	C.P. 459	108	108
SUPERSTRUCTURE DRAINAGE	C.P. 480	109	109
	C.P. 481	110	110
	C.P. 482	111	111
	C.P. 483	112	112
RAMP & SERVICE DRIVE STRUCTURES	C.P. 323	113	113
	C.P. 324	114	114
	C.P. 325	115	115
	C.P. 326	116	116
	C.P. 327	117	117
	C.P. 328	118	118
	C.P. 344	119	119
	C.P. 345	120	120
	C.P. 355	121	121
	C.P. 356	122	122
	C.P. 357	123	123
APPROACH SLABS	C.P. 444	124	124
RET. WALL. ROW EAST OF DES PLAINES ST.	C.P. 392	125	125
EAST SIDE OF DES PLAINES ST.	C.P. 393	126	126
	C.P. 394	127	127
& SIDEWALK WEST SIDE OF CANAL ST.	C.P. 405	128	128
CANAL ST. NORTH OF VAN BUREN ST.	C.P. 403	129	129
	C.P. 404	130	130
EAST SIDE OF CANAL ST.	C.P. 321	131	131
	C.P. 322	132	132
	C.P. 429	133	133
WEST	C.P. 377	134	134
ROW EAST OF CLINTON ST.	C.P. 378	135	135
	C.P. 379	136	136
	C.P. 380	137	137
	C.P. 381	138	138
WEST SIDE OF CANAL ST.	C.P. 383	139	139
	C.P. 384	140	140
GENERAL PLAN CANAL ST. STRUCT. AT HARRISON ST.	C.P. 370	141	141
GENERAL DETAILS	C.P. 424	142	142
CHANGES IN	C.P. 303	143	143
	C.P. 340	144	144
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	C.P. 342	146	146
	C.P. 343	147	147
	C.P. 344	148	148

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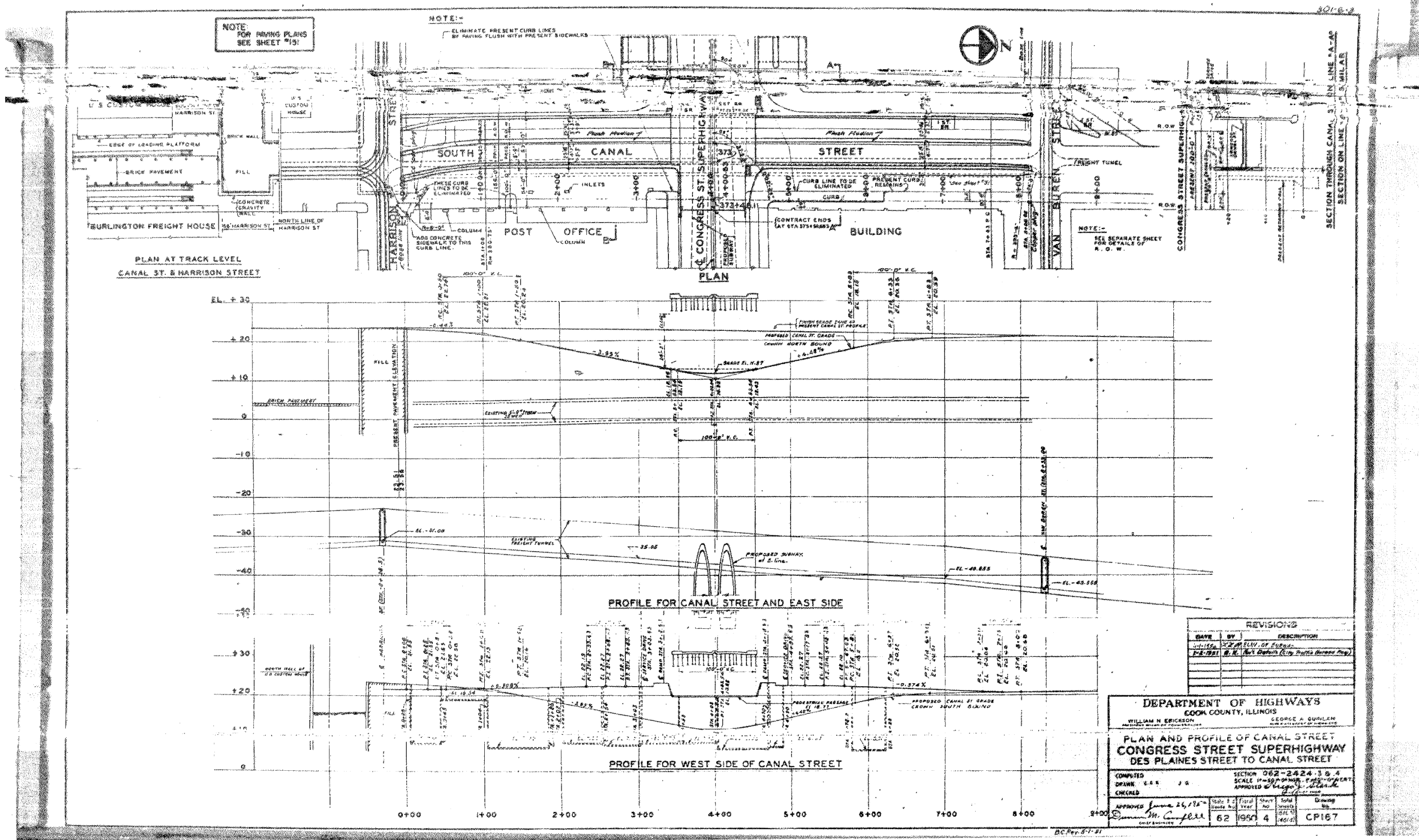
DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS INDEX OF DRAWINGS CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET						
COMPUTED M.A.O. DRAWN F.S.R. CHECKED			SECTION 082-2424.4 1048 AUGUST 1, 1950 (Stamp: 1950-1951)			
APPROVED <i>James H. [Signature]</i> J. H. [Signature]	State and County No.	Fiscal Year	Sheet No.	Total Sheets	Drawings No.	
	62	1950	2	148	C.P. 432	

FOR INFORMATION ONLY

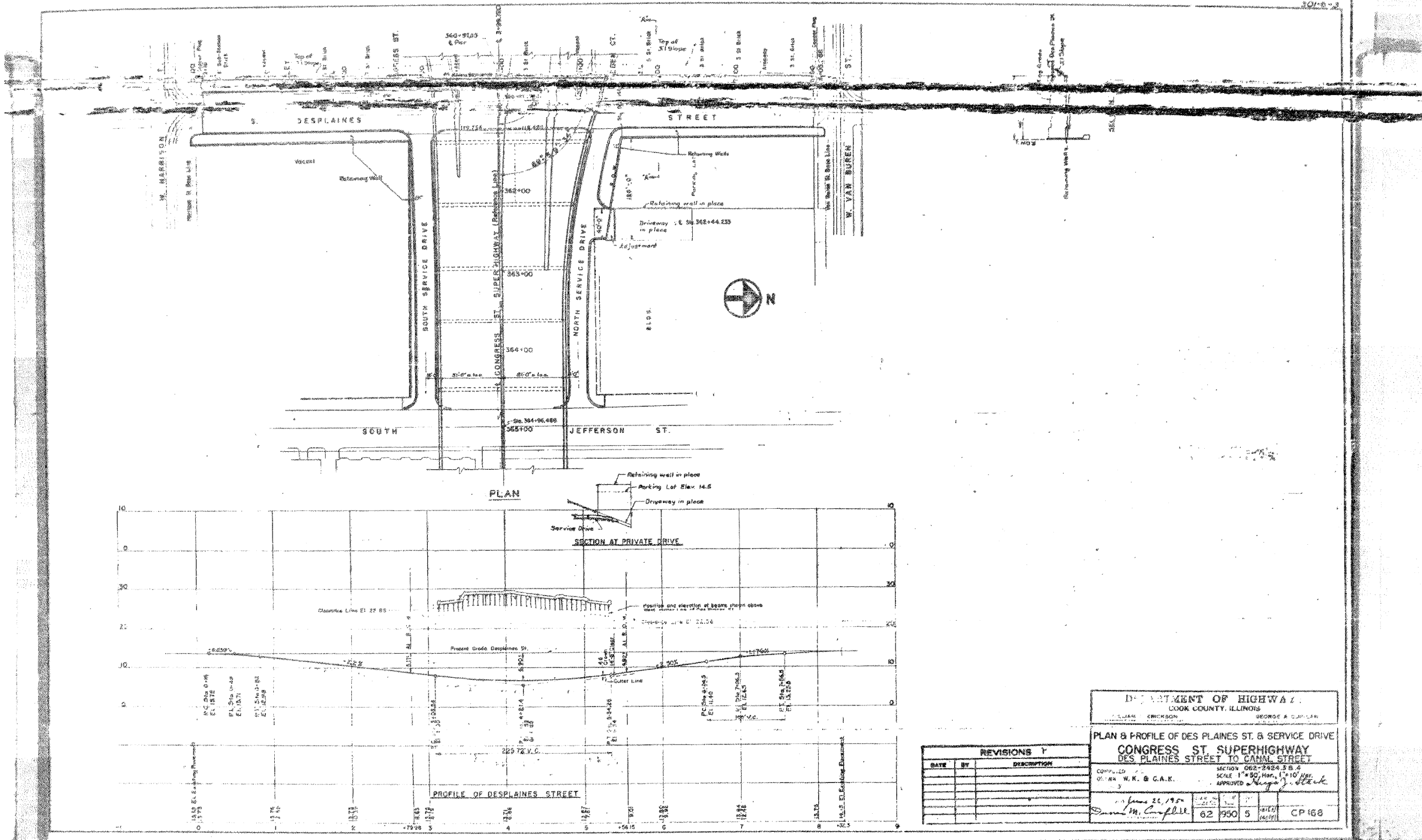
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PLOT DATE	=	7/26/2018	CHECKED	-	REVISED	-
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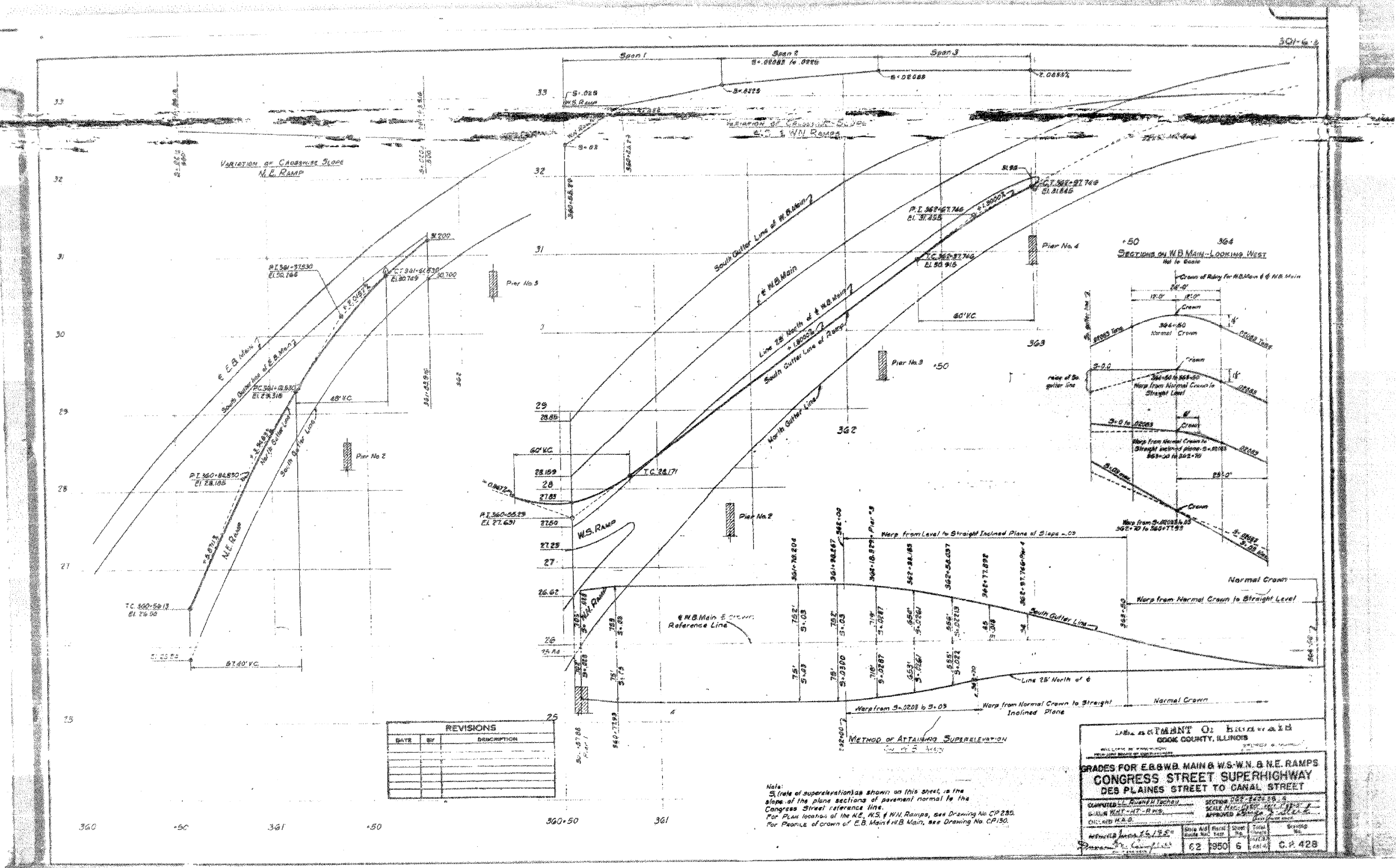
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

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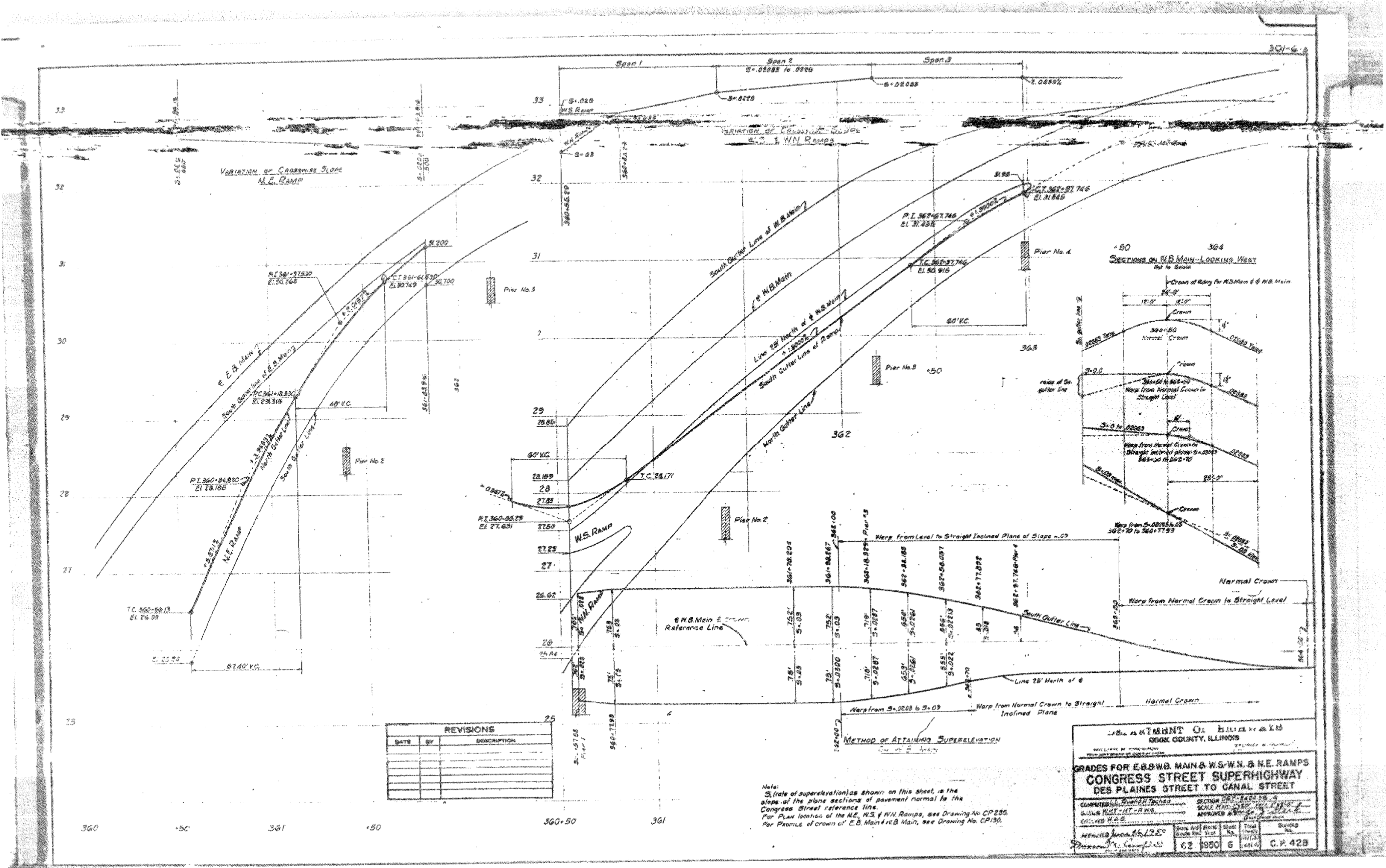
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

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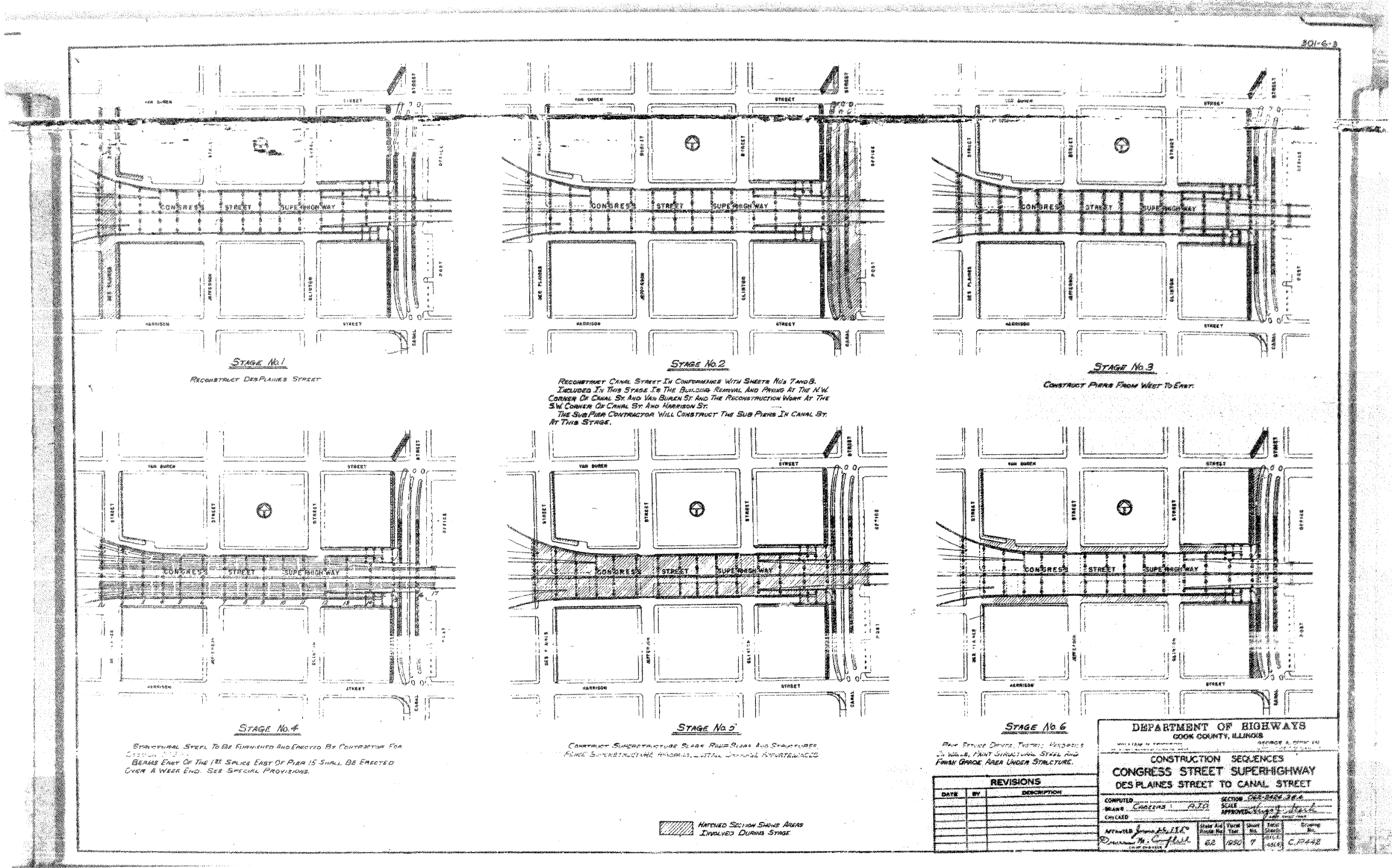
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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

FOR INFORMATION ONLY



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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ILLINOIS FED. AID PROJECT				

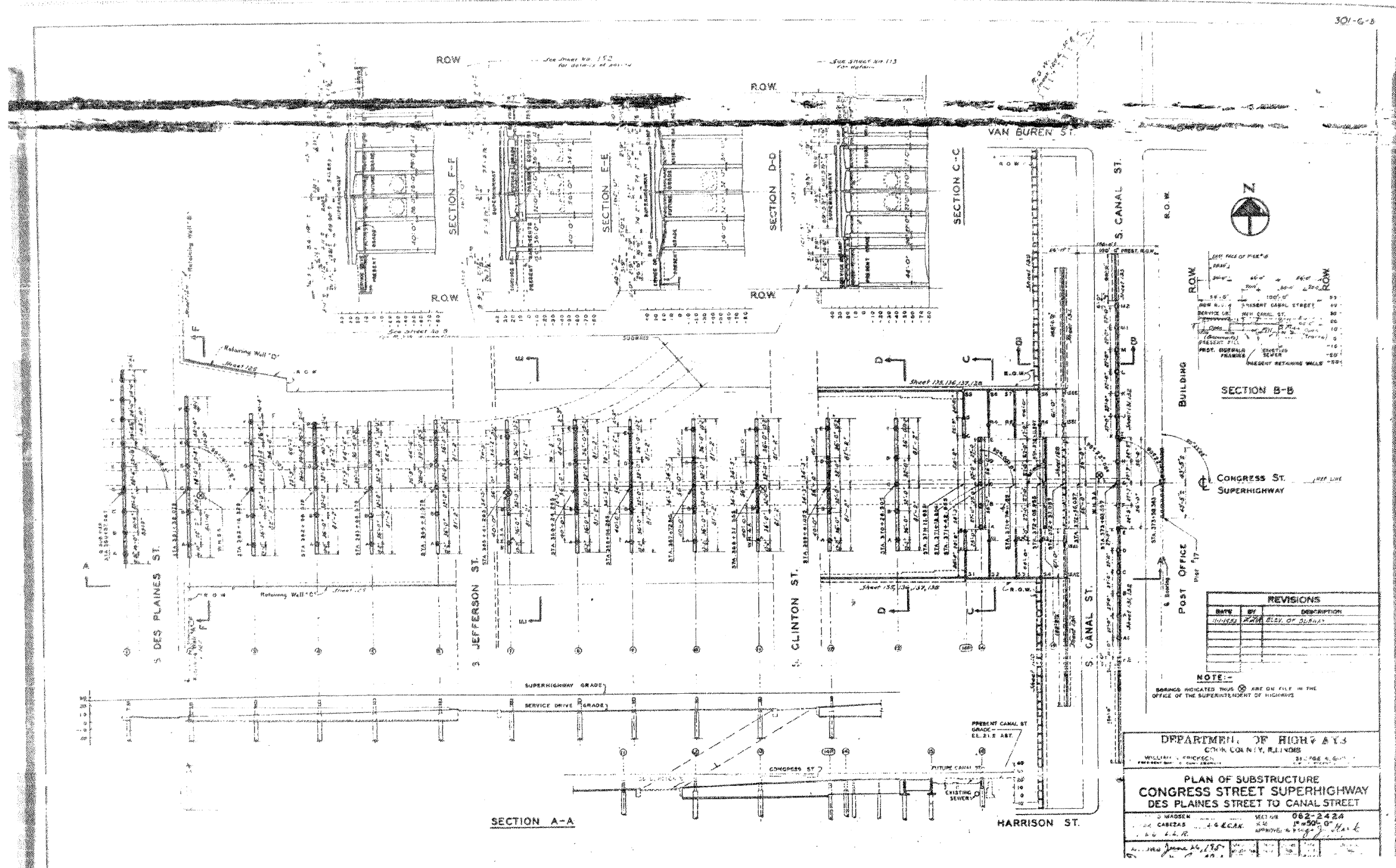
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FOR INFORMATION ONLY



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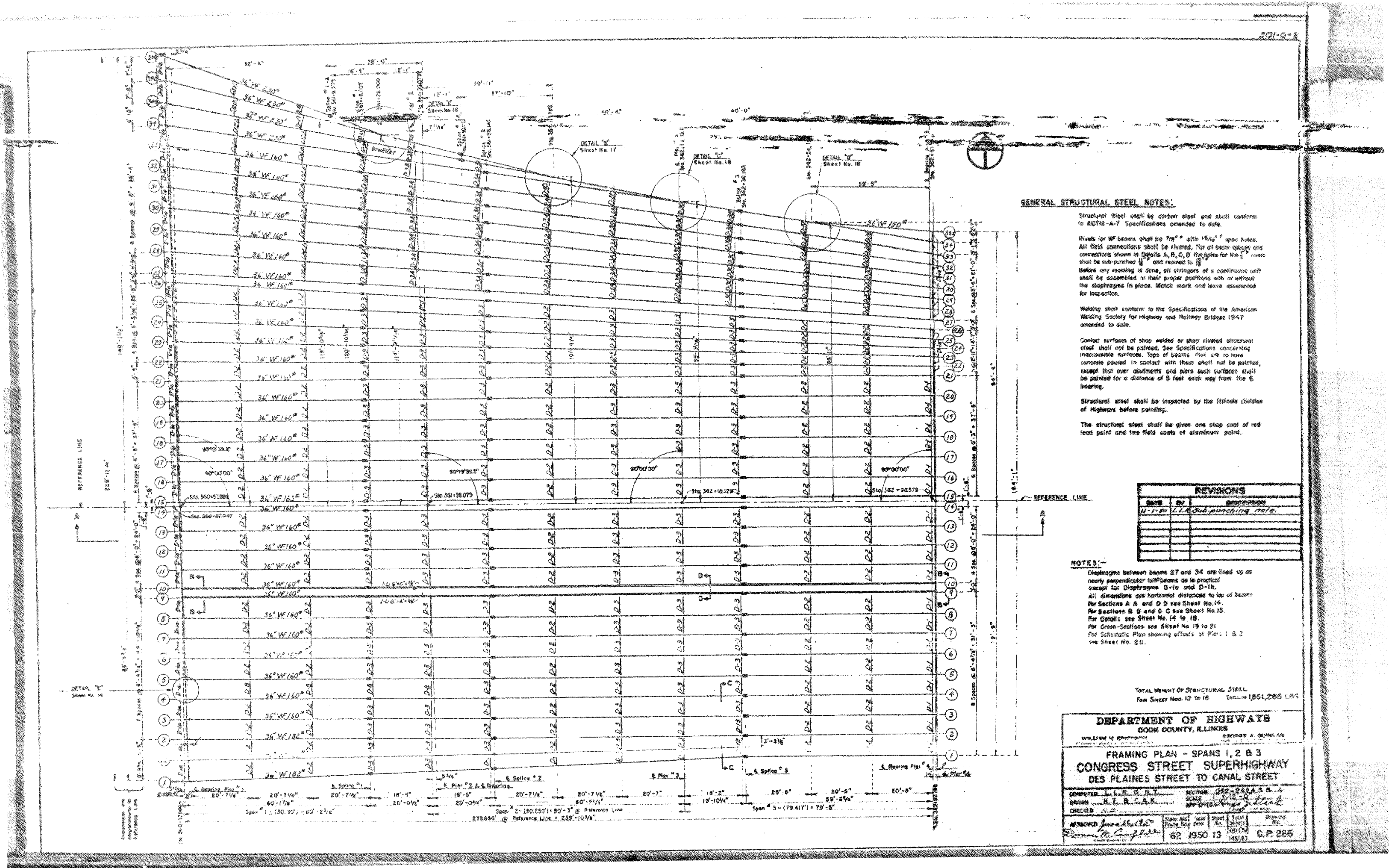


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FOR INFORMATION ONLY

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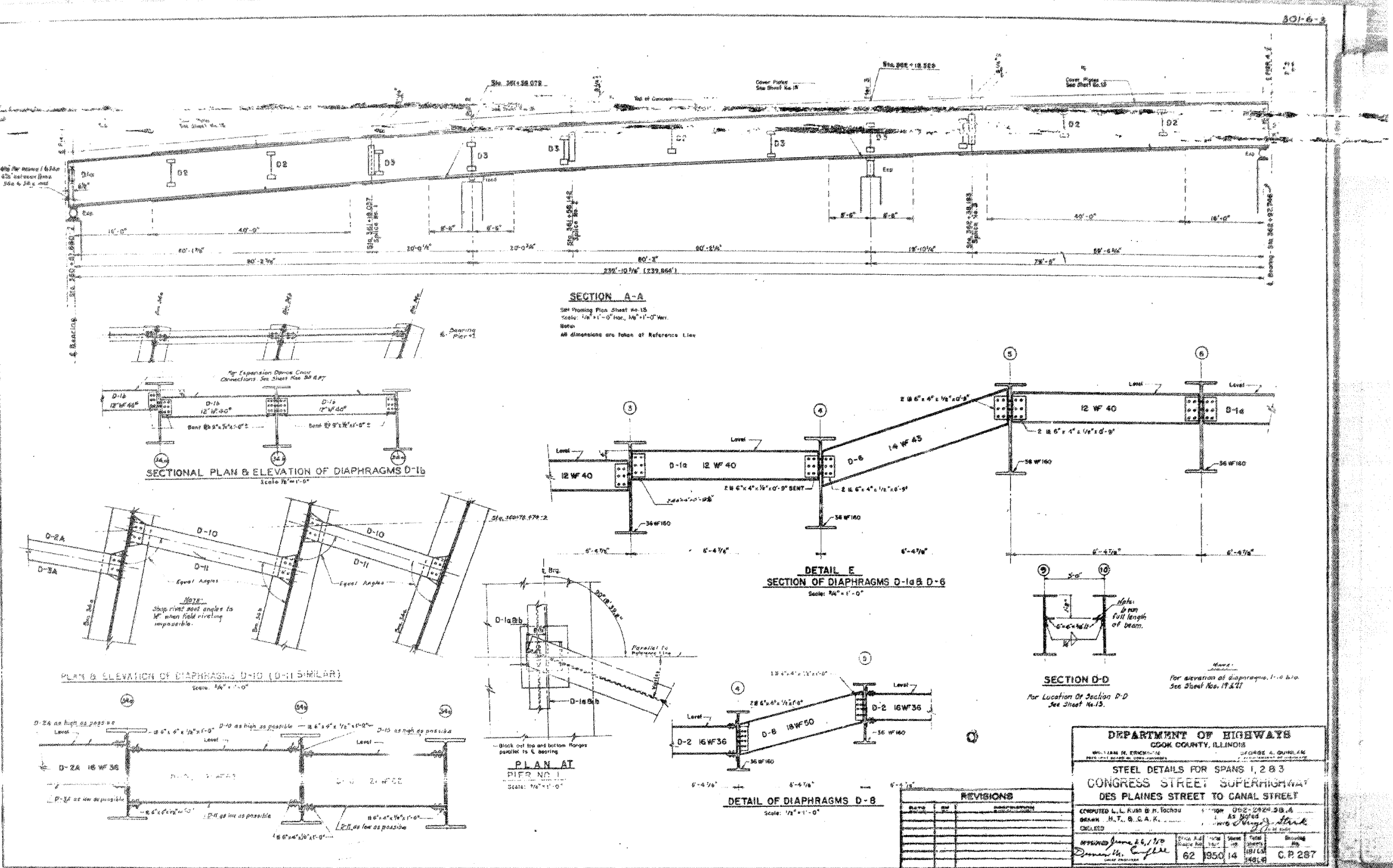


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ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

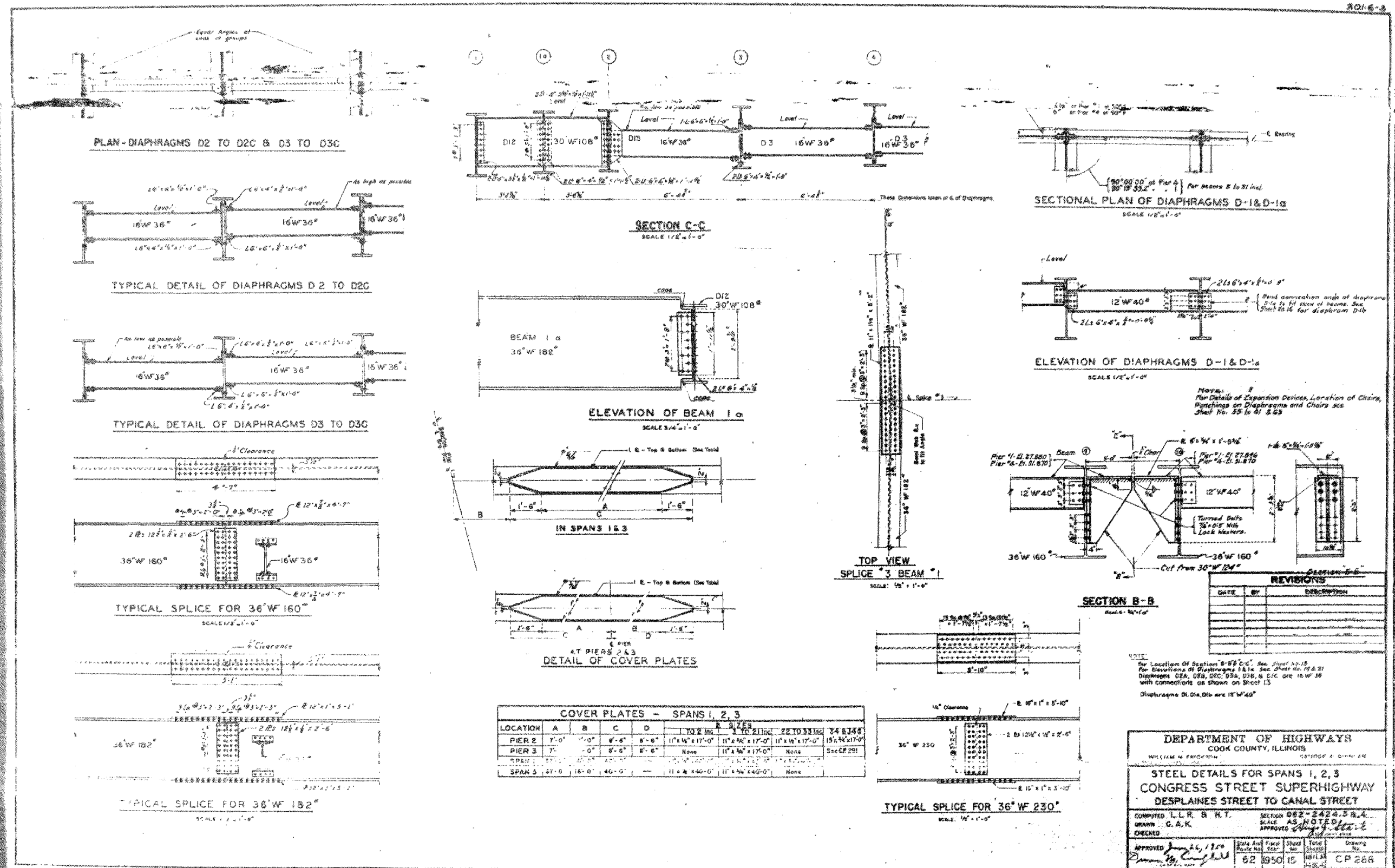
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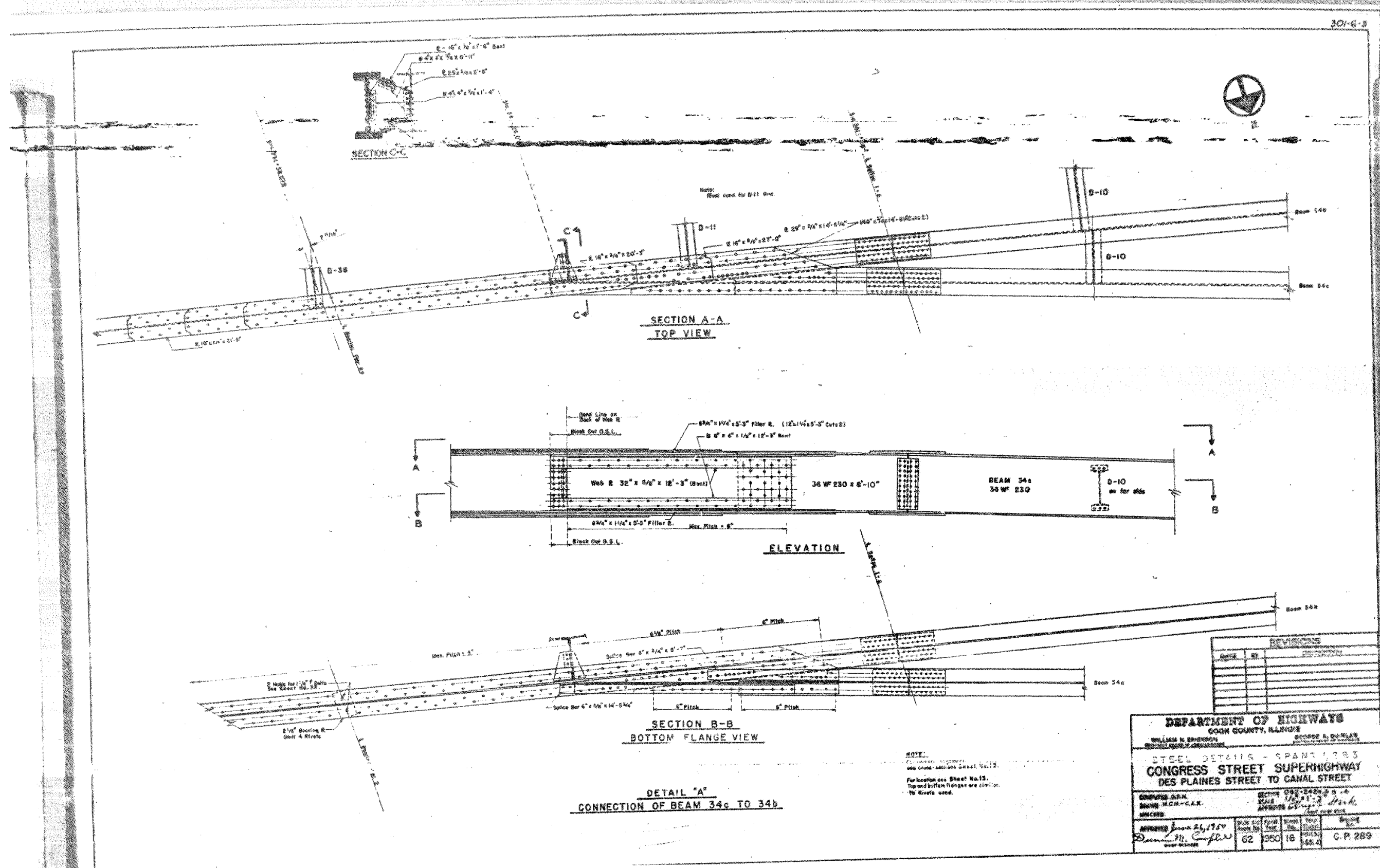
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

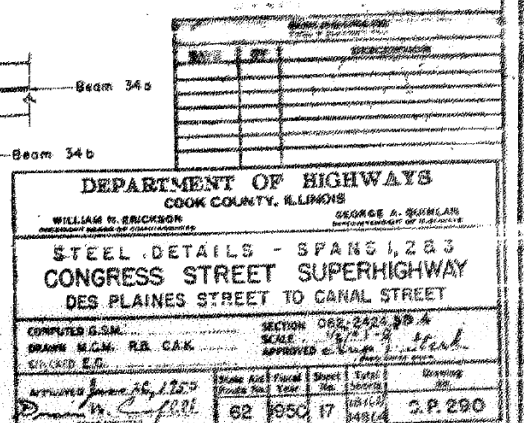
FOR INFORMATION ONLY



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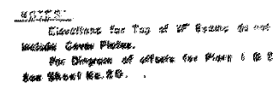
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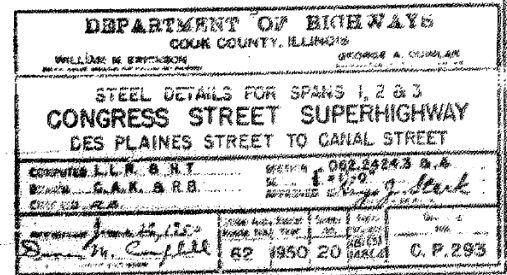


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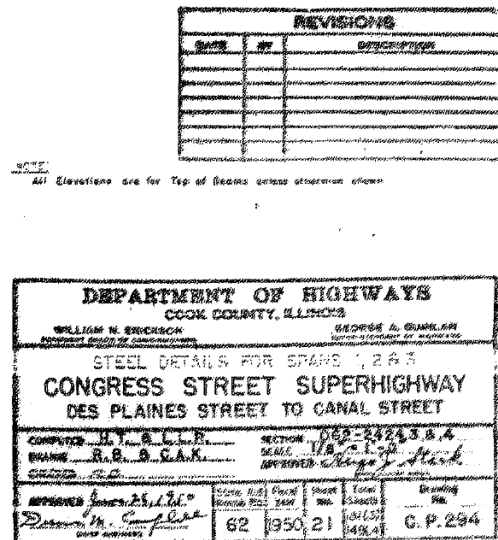


Excellent for Top of W. Basin in out
washy Green Flies.
For Diagram of coveys see Plate 6 of 2
see Sheet No. 25.

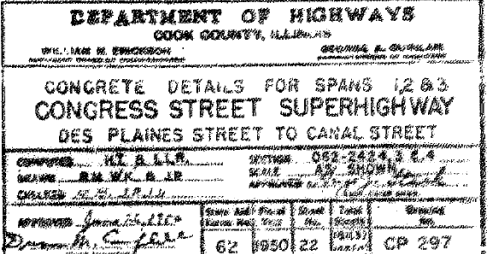
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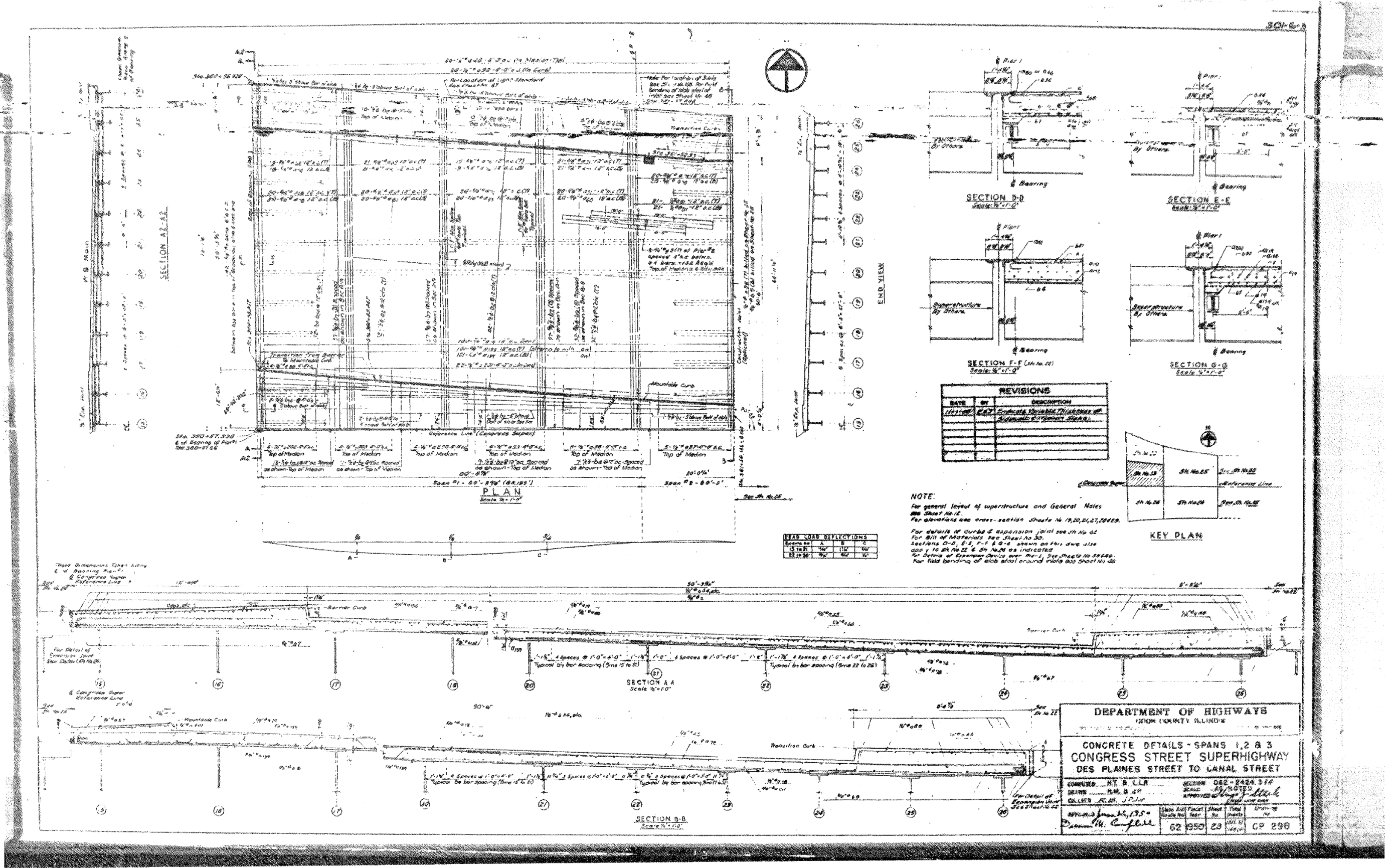


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FOR INFORMATION ONLY

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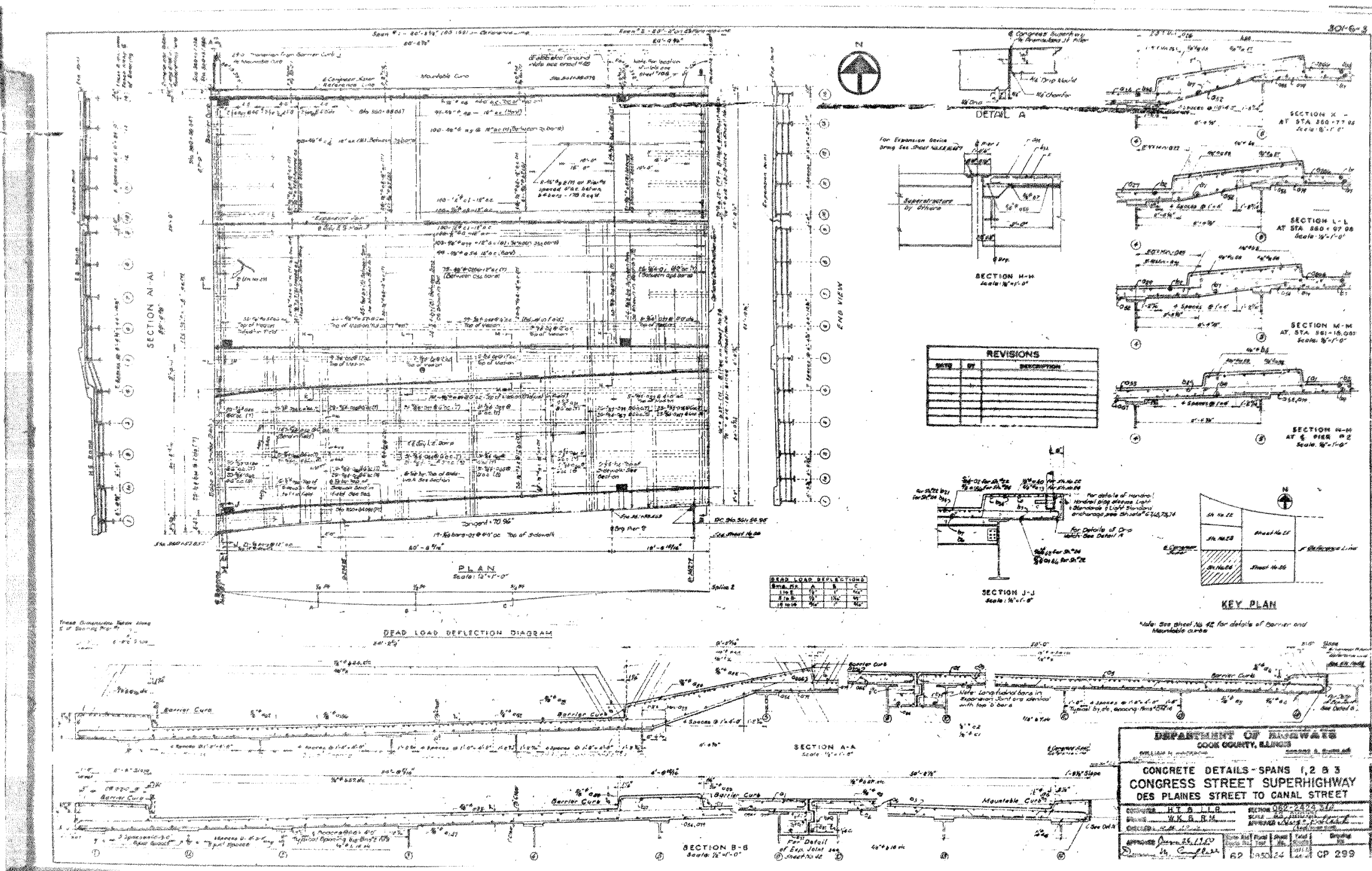
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

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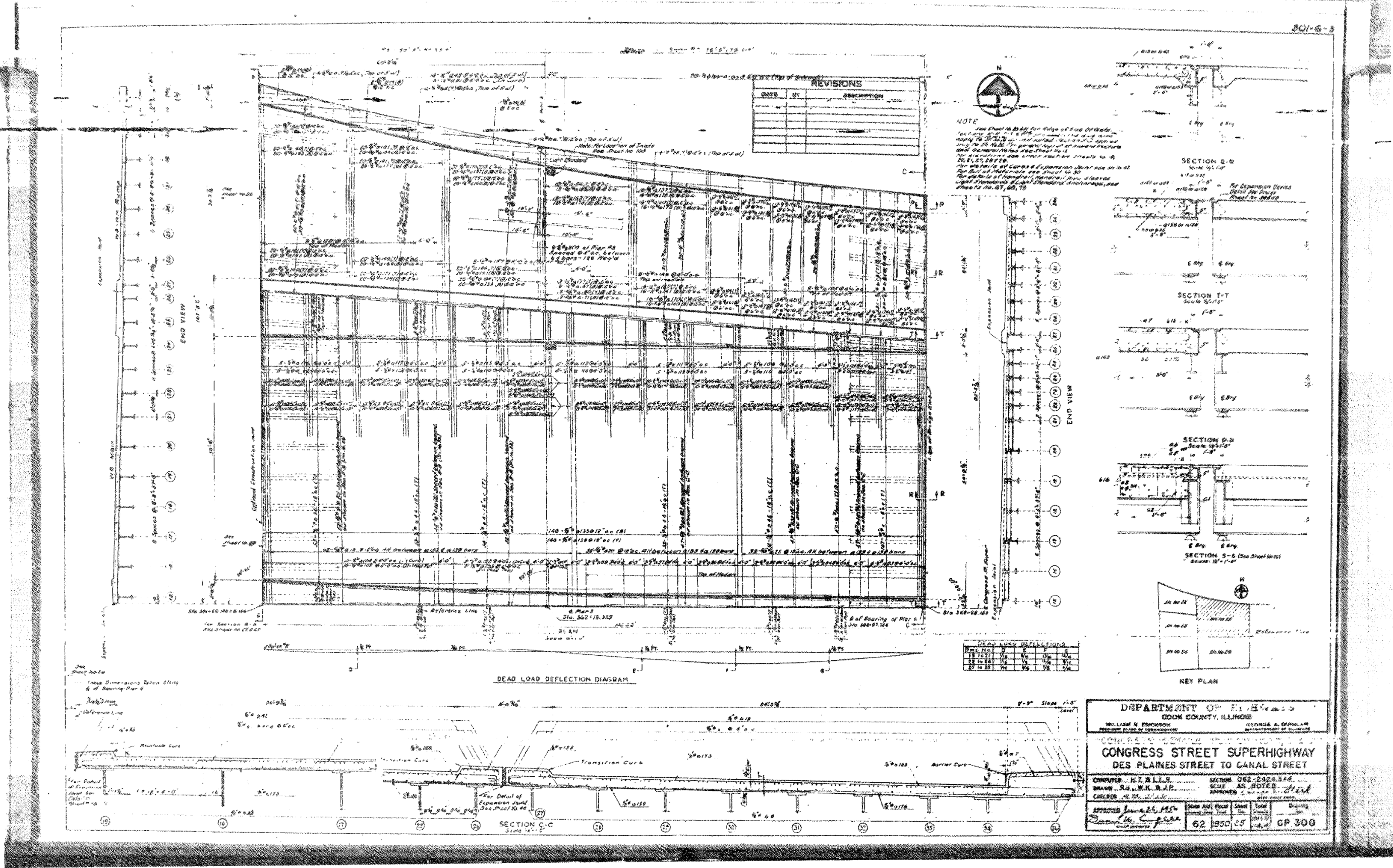
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

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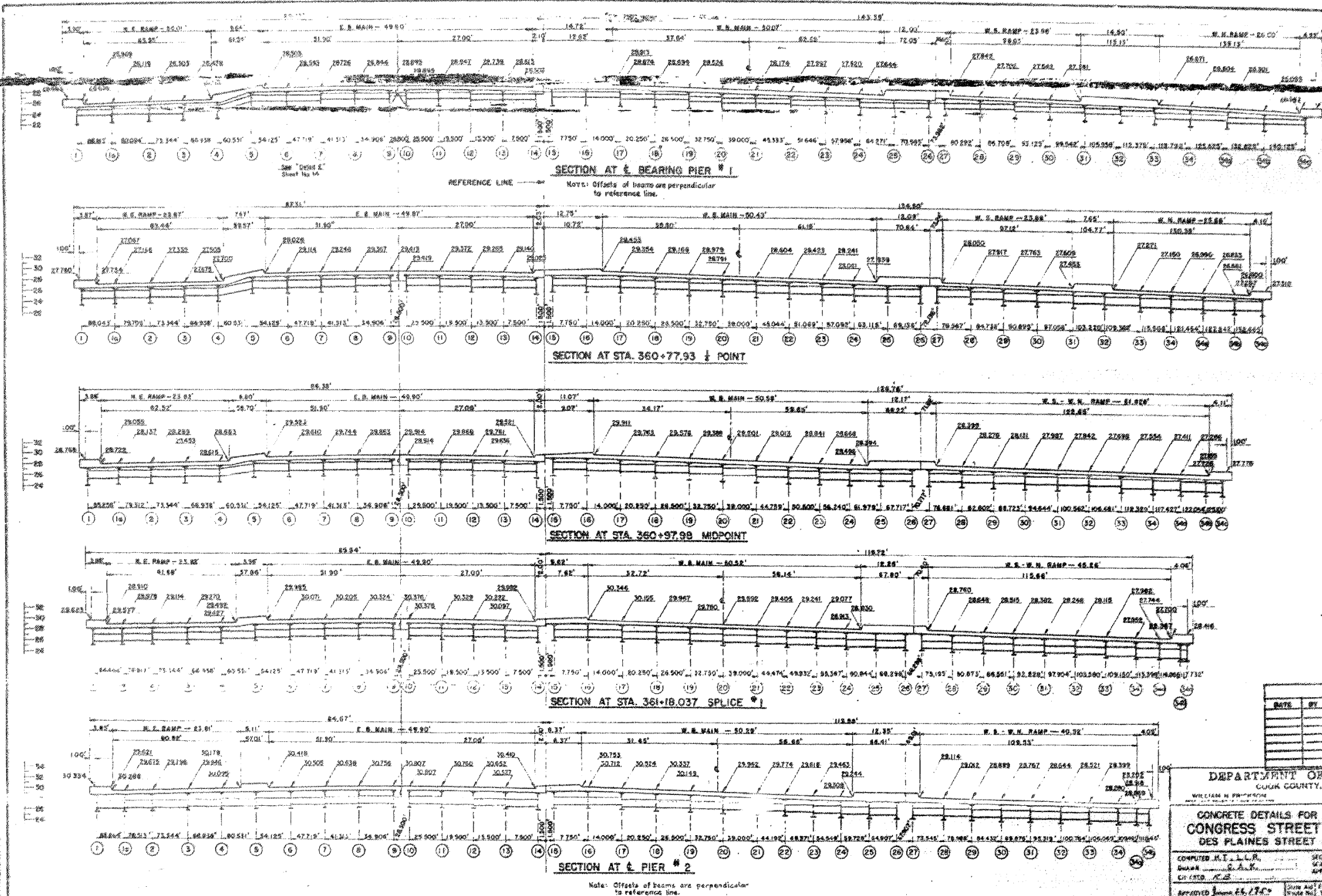


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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		CONTRACT NO. 60X93		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

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REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS	
CONCRETE DETAILS FOR SPANS 1, 2 & 3 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
COMPUTED BY: J.L.L.B.	SECTION: 016-1718
DRAWN BY: J.L.L.B.	SCALE: 1/4" = 1'-0"
CHECKED BY: J.L.L.B.	APPROVED: J.L.L.B.
DATE: 10/11/00	BY: J.L.L.B.
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C.R. 314	



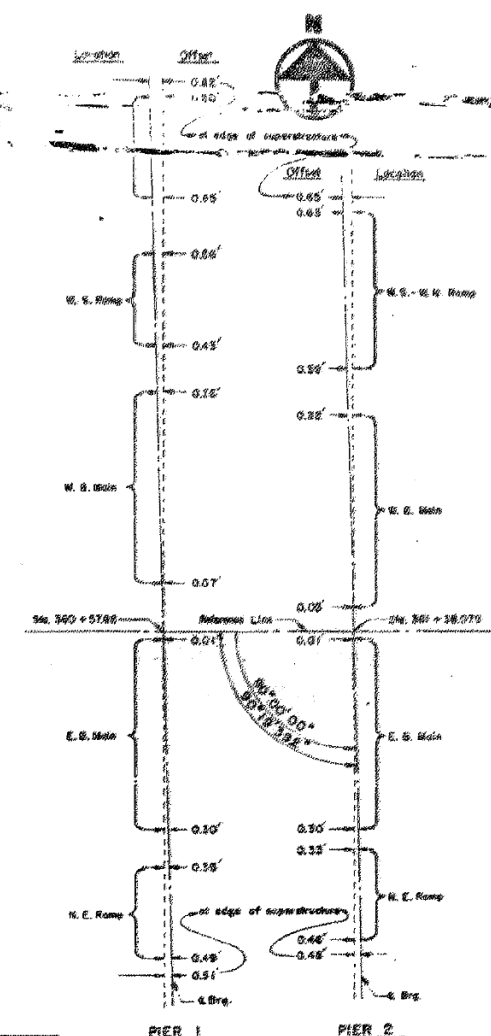
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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SCHEMATIC PLAN
SHOWING OFFSETS FOR PILES 1 & 2
All Offsets are measured parallel to Reference Line

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS					
WILLIAM M. BRIDGEMAN CHIEF ENGINEER			GEORGE C. CAMPBELL CHIEF CLERK		
CONCRETE DETAILS FOR SPANS 4, 5 & 6 CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET					
COMPUTED S. L. B. M. T. DRAWN G. A. M. B. R. CH'G'D. J. C.		SECTION 082-02228.4 APPROVED <i>George C. Campbell</i> CHIEF CLERK			
APPROVED <i>Wm. M. Bridgeman</i> CHIEF ENGINEER		DATE 6/21/50	PLANT 28	SHEET 28	DRAWING C. P. 315

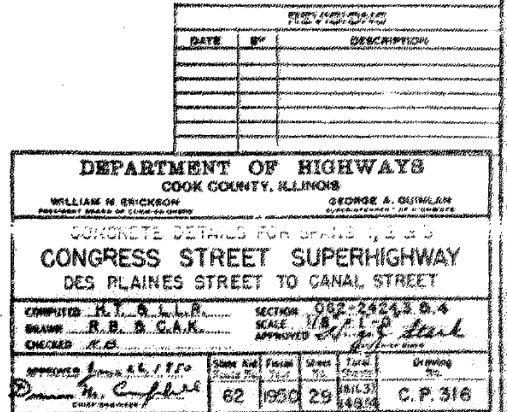
USER NAME =	ahmad,issa	DESIGNED -	REVISED -
		CHECKED -	REVISED -
PLOT SCALE =	N,T,S	DRAWN -	REVISED -
PLOT DATE =	7/26/2018	CHECKED - MI, MAI	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1483
		CONTRACT NO. 60X93		
ILLINOIS		FED. AID PROJECT		

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_II\000_CAD\008_Structural\Structure_016-1718\Existing_Plans\0160461-60X93-SXX-Existing480



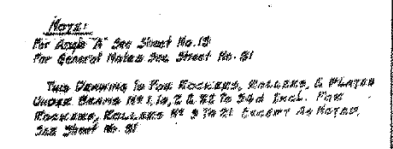
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FILE NAME: D:\PROJECTS\2014\2014-013R&B-R\2014-013R&B-R.dwg 	USER NAME = ahmad,issa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING RECORD DRAWINGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			90/94/290	2014-013R&B-R	COOK	1972	1485
	PLOT SCALE = N.T.S	DRAWN -	REVISED -			CONTRACT NO. 60X93				
	PLOT DATE = 7/26/2018	CHECKED - MI, MAI	REVISED -							
						ILLINOIS	FED. AID PROJECT			

FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_D502 NAI\Documents\01 Americas\Transportation\60269938 Circle\Phase II\000 CAD\008 Structural\Structure 016-1718\Existing Plans\0160461-60X93-SXX-Existing482

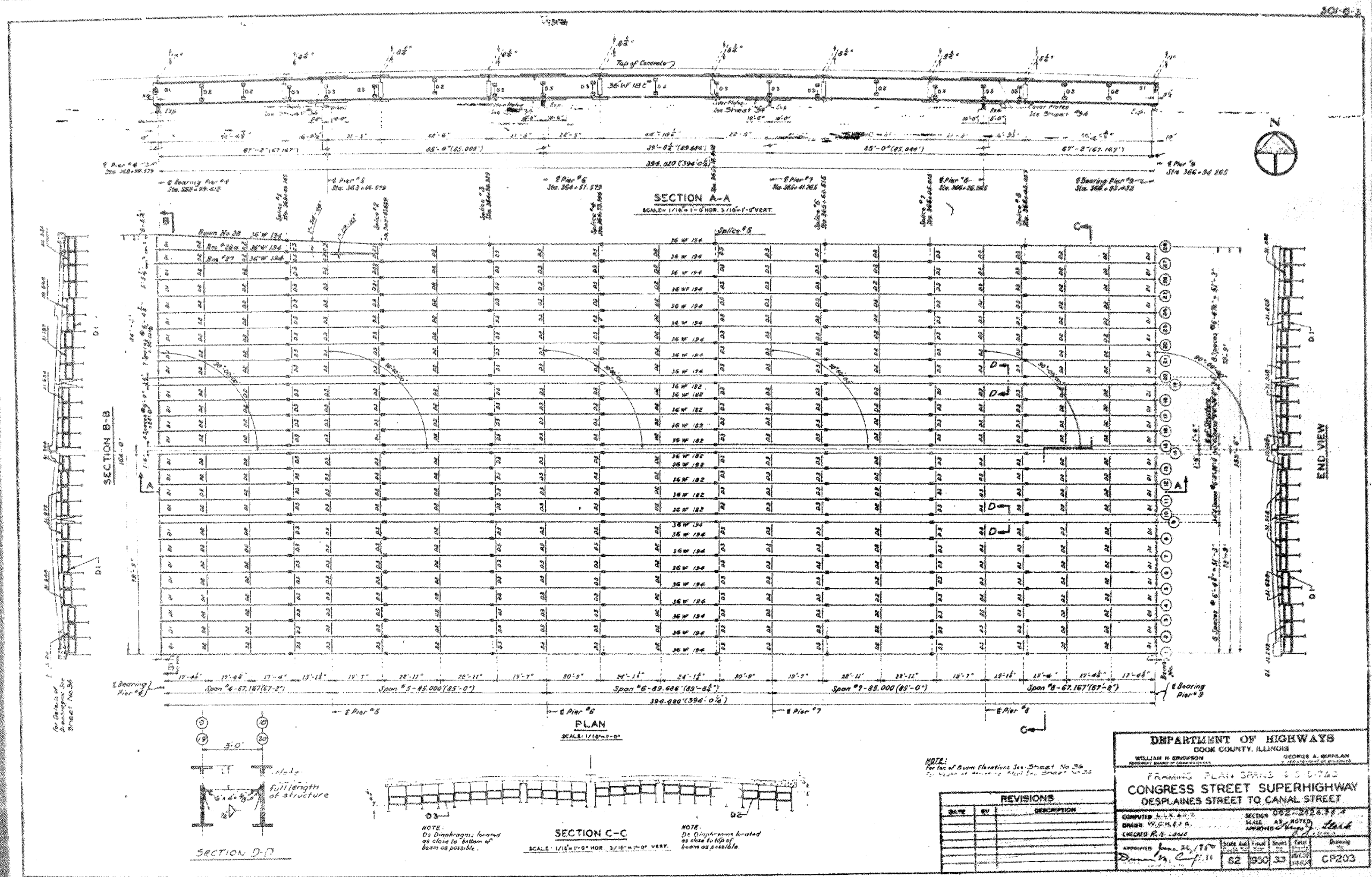


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[illegible]

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS WITH PLAN & EXPLANATION									
ROCKERS, ROLLERS & BEARING PLATES FOR PIERS NO. 1-2-3&4-CONTINUED CONGRESS STREET SUPERHIGHWAY DED. PLAINES STREET TO CANAL STREET									
COMPUTED BY <i>R. E. J. P.</i>					SECTION <i>NO. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-</i>				

FOR INFORMATION ONLY



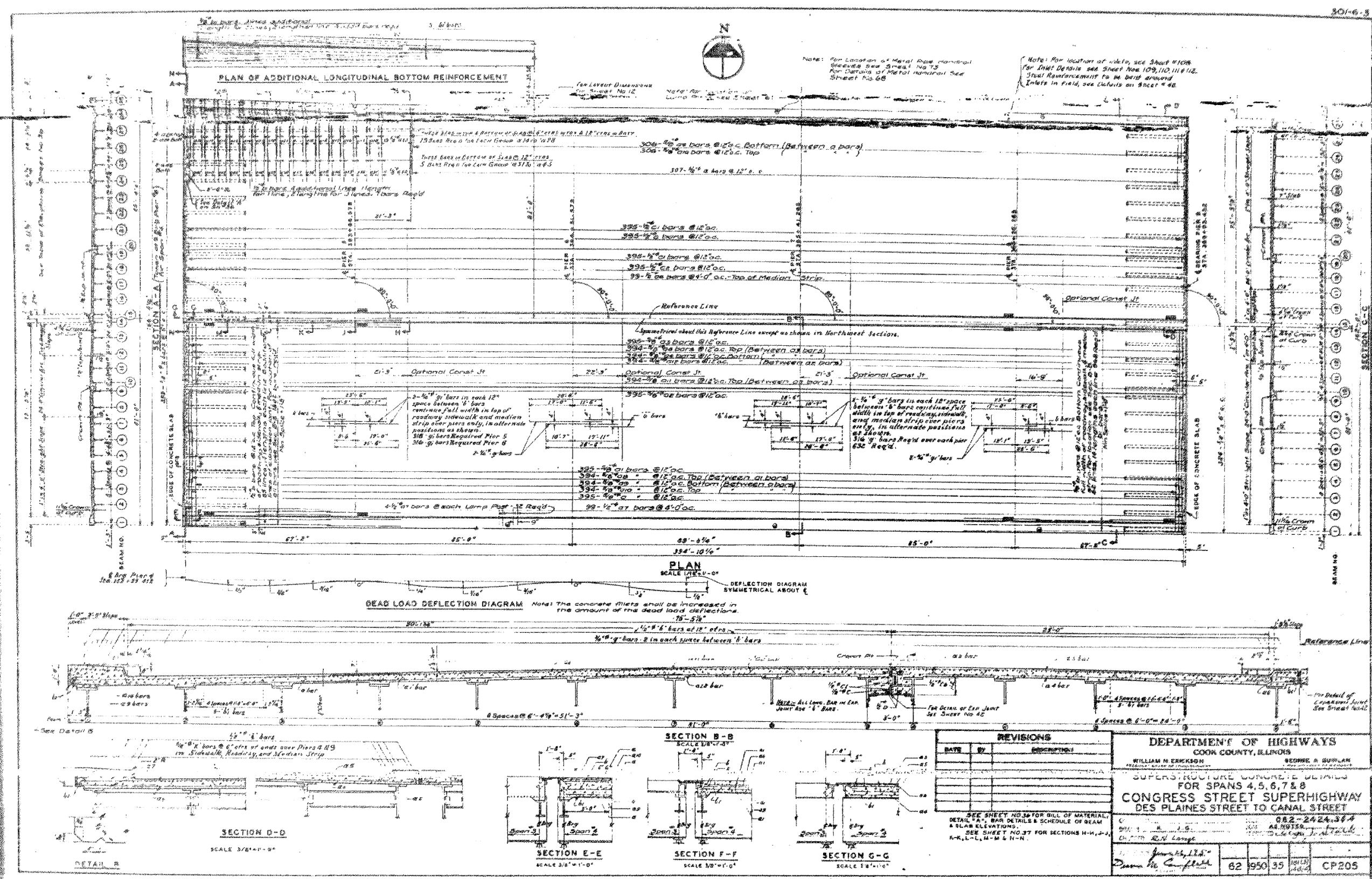
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PLOT DATE	=	7/26/2018	DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
			MI, MAI			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1488
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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FILE NAME: pw:\617479-PW\INT_aecomonline.local\AECOM_DS02_NA\Documents\01_Americas\Transportation\60269938_CirclePhase_II\000_CAD\008_Structural\Structure_016-1718\Existing_Plans\0160461-60X93-SXX-Existing487

Spout No.	Location	1/4 Pipe	1/2 Pipe	3/4 Pipe	1 Pipe	1 1/2 Pipe	2 Pipe	3 Pipe	4 Pipe	5 Pipe	6 Pipe	7 Pipe	8 Pipe	9 Pipe	10 Pipe	11 Pipe	12 Pipe	13 Pipe	14 Pipe	15 Pipe	16 Pipe	17 Pipe	18 Pipe	19 Pipe	20 Pipe	21 Pipe	22 Pipe	23 Pipe	24 Pipe	25 Pipe	26 Pipe	27 Pipe	28 Pipe	29 Pipe	30 Pipe	31 Pipe	32 Pipe	33 Pipe	34 Pipe	35 Pipe	36 Pipe	37 Pipe	38 Pipe	39 Pipe	40 Pipe	41 Pipe	42 Pipe	43 Pipe	44 Pipe	45 Pipe	46 Pipe	47 Pipe	48 Pipe	49 Pipe	50 Pipe	51 Pipe	52 Pipe	53 Pipe	54 Pipe	55 Pipe	56 Pipe	57 Pipe	58 Pipe	59 Pipe	60 Pipe	61 Pipe	62 Pipe	63 Pipe	64 Pipe	65 Pipe	66 Pipe	67 Pipe	68 Pipe	69 Pipe	70 Pipe	71 Pipe	72 Pipe	73 Pipe	74 Pipe	75 Pipe	76 Pipe	77 Pipe	78 Pipe	79 Pipe	80 Pipe	81 Pipe	82 Pipe	83 Pipe	84 Pipe	85 Pipe	86 Pipe	87 Pipe	88 Pipe	89 Pipe	90 Pipe	91 Pipe	92 Pipe	93 Pipe	94 Pipe	95 Pipe	96 Pipe	97 Pipe	98 Pipe	99 Pipe	100 Pipe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1	Top Deck	11.616	32.952	35.007	35.072	33.126	33.165	32.233	33.272	33.239	33.517	33.323	33.517	33.299	33.872	33.254	33.185	33.126	33.072	33.018	32.964	32.910	32.856	32.802	32.748	32.694	32.640	32.586	32.532	32.478	32.424	32.370	32.316	32.262	32.208	32.154	32.100	32.046	31.992	31.938	31.884	31.830	31.776	31.722	31.668	31.614	31.560	31.506	31.452	31.398	31.344	31.290	31.236	31.182	31.128	31.074	31.020	30.966	30.912	30.858	30.804	30.750	30.696	30.642	30.588	30.534	30.480	30.426	30.372	30.318	30.264	30.210	30.156	30.102	30.048	29.994	29.940	29.886	29.832	29.778	29.724	29.670	29.616	29.562	29.508	29.454	29.400	29.346	29.292	29.238	29.184	29.130	29.076	29.022	28.968	28.914	28.860	28.806	28.752	28.698	28.644	28.590	28.536	28.482	28.428	28.374	28.320	28.266	28.212	28.158	28.104	28.050	27.996	27.942	27.888	27.834	27.780	27.726	27.672	27.618	27.564	27.510	27.456	27.402	27.348	27.294	27.240	27.186	27.132	27.078	27.024	26.970	26.916	26.862	26.808	26.754	26.700	26.646	26.592	26.538	26.484	26.430	26.376	26.322	26.268	26.214	26.160	26.106	26.052	25.998	25.944	25.890	25.836	25.782	25.728	25.674	25.620	25.566	25.512	25.458	25.404	25.350	25.296	25.242	25.188	25.134	25.080	25.026	24.972	24.918	24.864	24.810	24.756	24.702	24.648	24.594	24.540	24.486	24.432	24.378	24.324	24.270	24.216	24.162	24.108	24.054	24.000	23.946	23.892	23.838	23.784	23.730	23.676	23.622	23.568	23.514	23.460	23.406	23.352	23.298	23.244	23.190	23.136	23.082	23.028	22.974	22.920	22.866	22.812	22.758	22.704	22.650	22.596	22.542	22.488	22.434	22.380	22.326	22.272	22.218	22.164	22.110	22.056	22.002	21.948	21.894	21.840	21.786	21.732	21.678	21.624	21.570	21.516	21.462	21.408	21.354	21.300	21.246	21.192	21.138	21.084	21.030	20.976	20.922	20.868	20.814	20.760	20.706	20.652	20.598	20.544	20.490	20.436	20.382	20.328	20.274	20.220	20.166	20.112	20.058	20.004	19.950	19.896	19.842	19.788	19.734	19.680	19.626	19.572	19.518	19.464	19.410	19.356	19.302	19.248	19.194	19.140	19.086	19.032	18.978	18.924	18.870	18.816	18.762	18.708	18.654	18.600	18.546	18.492	18.438	18.384	18.330	18.276	18.222	18.168	18.114	18.060	18.006	17.952	17.898	17.844	17.790	17.736	17.682	17.628	17.574	17.520	17.466	17.412	17.358	17.304	17.250	17.196	17.142	17.088	17.034	16.980	16.926	16.872	16.818	16.764	16.710	16.656	16.602	16.548	16.494	16.440	16.386	16.332	16.278	16.224	16.170	16.116	16.062	16.008	15.954	15.900	15.846	15.792	15.738	15.684	15.630	15.576	15.522	15.468	15.414	15.360	15.306	15.252	15.198	15.144	15.090	15.036	14.982	14.928	14.874	14.820	14.766	14.712	14.658	14.604	14.550	14.496	14.442	14.388	14.334	14.280	14.226	14.172	14.118	14.064	14.010	13.956	13.902	13.848	13.794	13.740	13.686	13.632	13.578	13.524	13.470	13.416	13.362	13.308	13.254	13.200	13.146	13.092	13.038	12.984	12.930	12.876	12.822	12.768	12.714	12.660	12.606	12.552	12.498	12.444	12.390	12.336	12.282	12.228	12.174	12.120	12.066	12.012	11.958	11.904	11.850	11.796	11.742	11.688	11.634	11.580	11.526	11.472	11.418	11.364	11.310	11.256	11.202	11.148	11.094	11.040	10.986	10.932	10.878	10.824	10.770	10.716	10.662	10.608	10.554	10.500	10.446	10.392	10.338	10.284	10.230	10.176	10.122	10.068	10.014	9.960	9.906	9.852	9.798	9.744	9.690	9.636	9.582	9.528	9.474	9.420	9.366	9.312	9.258	9.204	9.150	9.096	9.042	8.988	8.934	8.880	8.826	8.772	8.718	8.664	8.610	8.556	8.502	8.448	8.394	8.340	8.286	8.232	8.178	8.124	8.070	8.016	7.962	7.908	7.854	7.800	7.746	7.692	7.638	7.584	7.530	7.476	7.422	7.368	7.314	7.260	7.206	7.152	7.098	7.044	6.990	6.936	6.882	6.828	6.774	6.720	6.666	6.612	6.558	6.504	6.450	6.396	6.342	6.288	6.234	6.180	6.126	6.072	6.018	5.964	5.910	5.856	5.802	5.748	5.694	5.640	5.586	5.532	5.478	5.424	5.370	5.316	5.262	5.208	5.154	5.100	5.046	4.992	4.938	4.884	4.830	4.776	4.722	4.668	4.614	4.560	4.506	4.452	4.398	4.344	4.290	4.236	4.182	4.128	4.074	4.020	3.966	3.912	3.858	3.804	3.750	3.696	3.642	3.588	3.534	3.480	3.426	3.372	3.318	3.264	3.210	3.156	3.102	3.048	2.994	2.940	2.886	2.832	2.778	2.724	2.670	2.616	2.562	2.508	2.454	2.400	2.346	2.292	2.238	2.184	2.130	2.076	2.022	2.068	2.014	2.060	2.006	1.952	1.898	1.844	1.790	1.736	1.682	1.628	1.574	1.520	1.466	1.412	1.358	1.304	1.250	1.196	1.142	1.088	1.034	9.980	9.926	9.872	9.818	9.764	9.710	9.656	9.602	9.548	9.494	9.440	9.386	9.332	9.278	9.224	9.170	9.116	9.062	9.008	8.954	8.900	8.846	8.792	8.738	8.684	8.630	8.576	8.522	8.468	8.414	8.360	8.306	8.252	8.198	8.144	8.090	8.036	7.982	7.928	7.874	7.820	7.766	7.712	7.658	7.604	7.550	7.496	7.442	7.388	7.334	7.280	7.226	7.172	7.118	7.064	7.010	6.956	6.902	6.848	6.794	6.740	6.686	6.632	6.578	6.524	6.470	6.416	6.362	6.308	6.254	6.200	6.146	6.092	6.038	5.984	5.930	5.876	5.822	5.768	5.714	5.660	5.606	5.552	5.498	5.444	5.390	5.336	5.282	5.228	5.174	5.120	5.066	5.012	4.958	4.904	4.850	4.796	4.742	4.688	4.634	4.580	4.526	4.472	4.418	4.364	4.310	4.256	4.202	4.148	4.094	4.040	3.986	3.932	3.878	3.824	3.770	3.716	3.662	3.608	3.554	3.500	3.446	3.392	3.338	3.284	3.230	3.176	3.122	3.068	3.014	2.960	2.906	2.852	2.798	2.744	2.690	2.636	2.582	2.528	2.474	2.420	2.366	2.312	2.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DETAIL "A"
 Example: $\text{Life} = 6 \times 10^6$

Class "B" Corporation 1/23/2000 CM Y

[illegible]

WILLIAM H. ERICSSON
RESEARCH A. GUINLEMAN
SUPERSTRUCTURE CONCRETE DETAILS CONT'D
FOR SPANS 4, 2, 1, 0, 0

COMPUTED L.L.R. & W.K. 062-2424344
 DRAWN C.A.X. AS NOTED
 APPROVED *[Signature]*

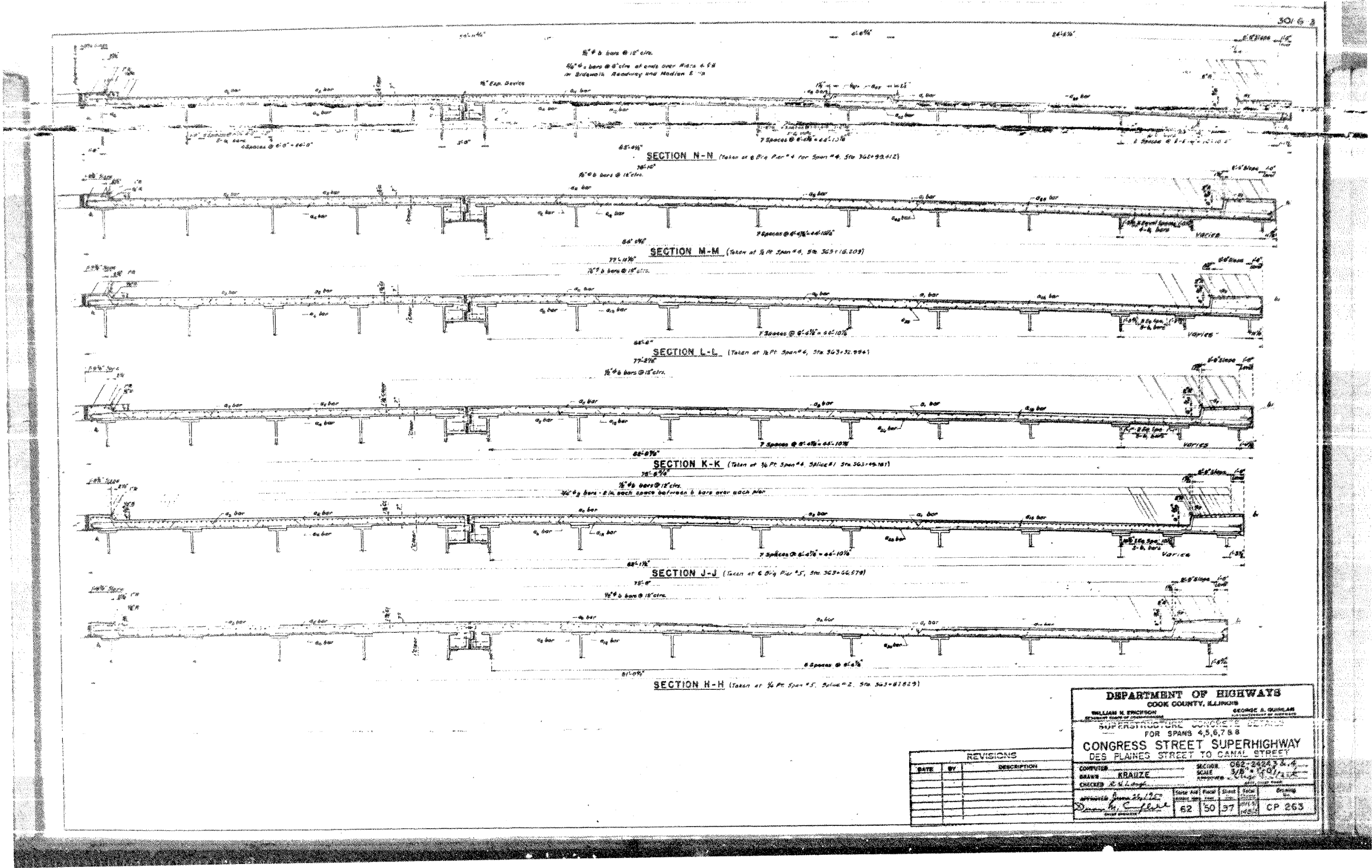
APPROVED <i>June 14/82</i>	RECEIVED <i>June 14/82</i>	DATE	TIME	REMARKS

62 1950 36 15/131 11/10/51 C.P. 20

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1491
		CONTRACT NO. 60X93		
ILLINOIS		FED. AID PROJECT		

HBM
ENGINEERING GROUP, LLC

FOR INFORMATION ONLY



REVISIONS	
DATE	DESCRIPTION

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS	
WILLIAM H. FRICKSON CHIEF ENGINEER OF CONSTRUCTION	
GEORGE S. GUNLAW CHIEF ENGINEER OF HIGHWAYS	
SUPERSTRUCTURE CONCRETE DETAILS FOR SPANS 4, 5, 6, 7 & 8	
CONGRESS STREET SUPERHIGHWAY DES PLAINES STREET TO CANAL STREET	
COMPUTED BY KRAUZE	SECTION 062-24243 & 4
CHECKED BY R. N. Long	SCALE 3/8" = 1'-0"
APPROVED BY [Signature]	DATE 10/15/57
62	50 37
CP 263	



USER NAME =	ahmad, issa	DESIGNED -	REVISD -
		CHECKED -	REVISD -
PLOT SCALE =	N.T.S	DRAWN -	REVISD -
PLOT DATE =	7/26/2018	CHECKED -	REVISD -
		MI, MAI	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

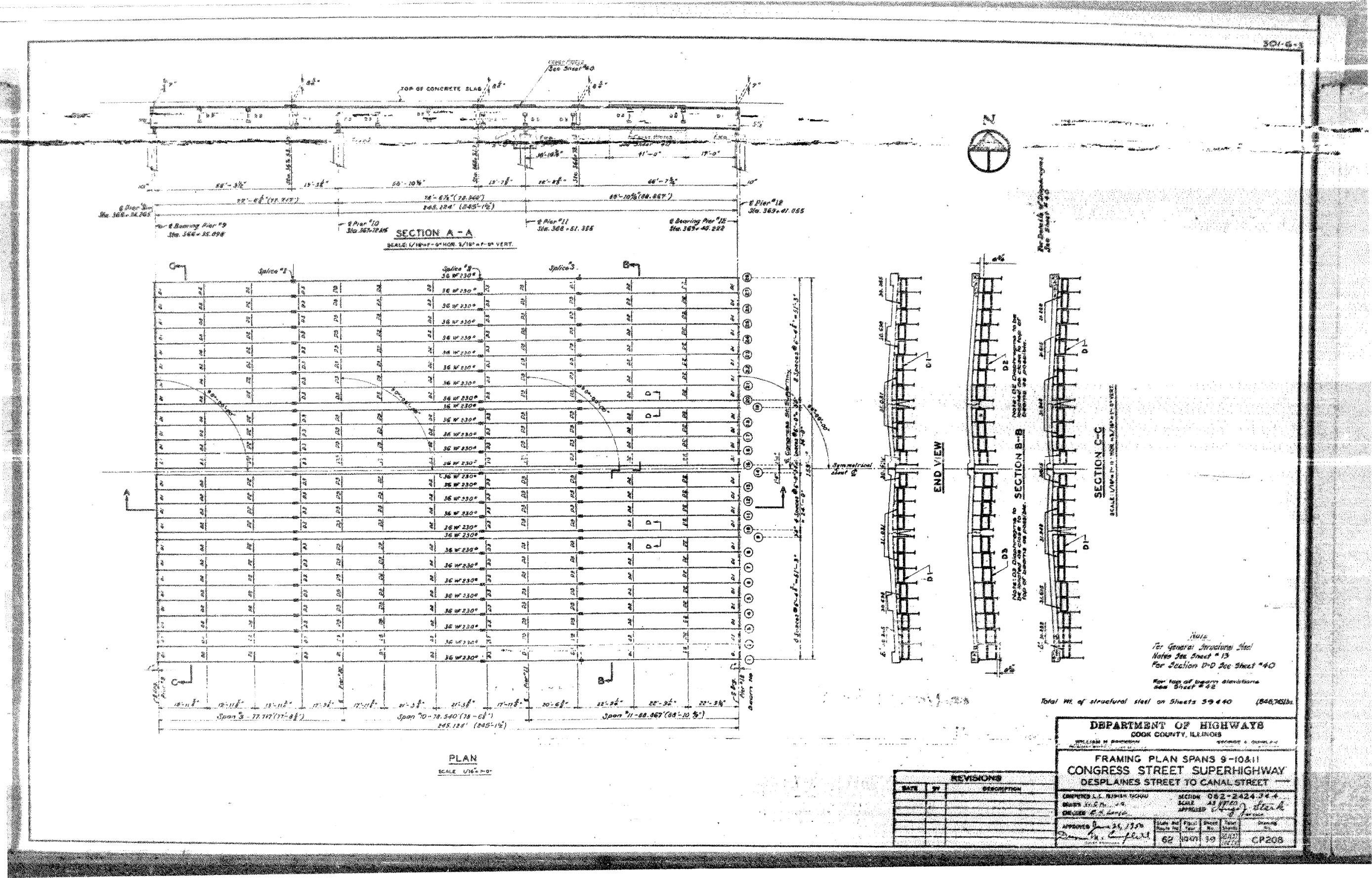
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90/94/290	2014-013R&B-R	COOK	1972	1492
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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FOR INFORMATION ONLY

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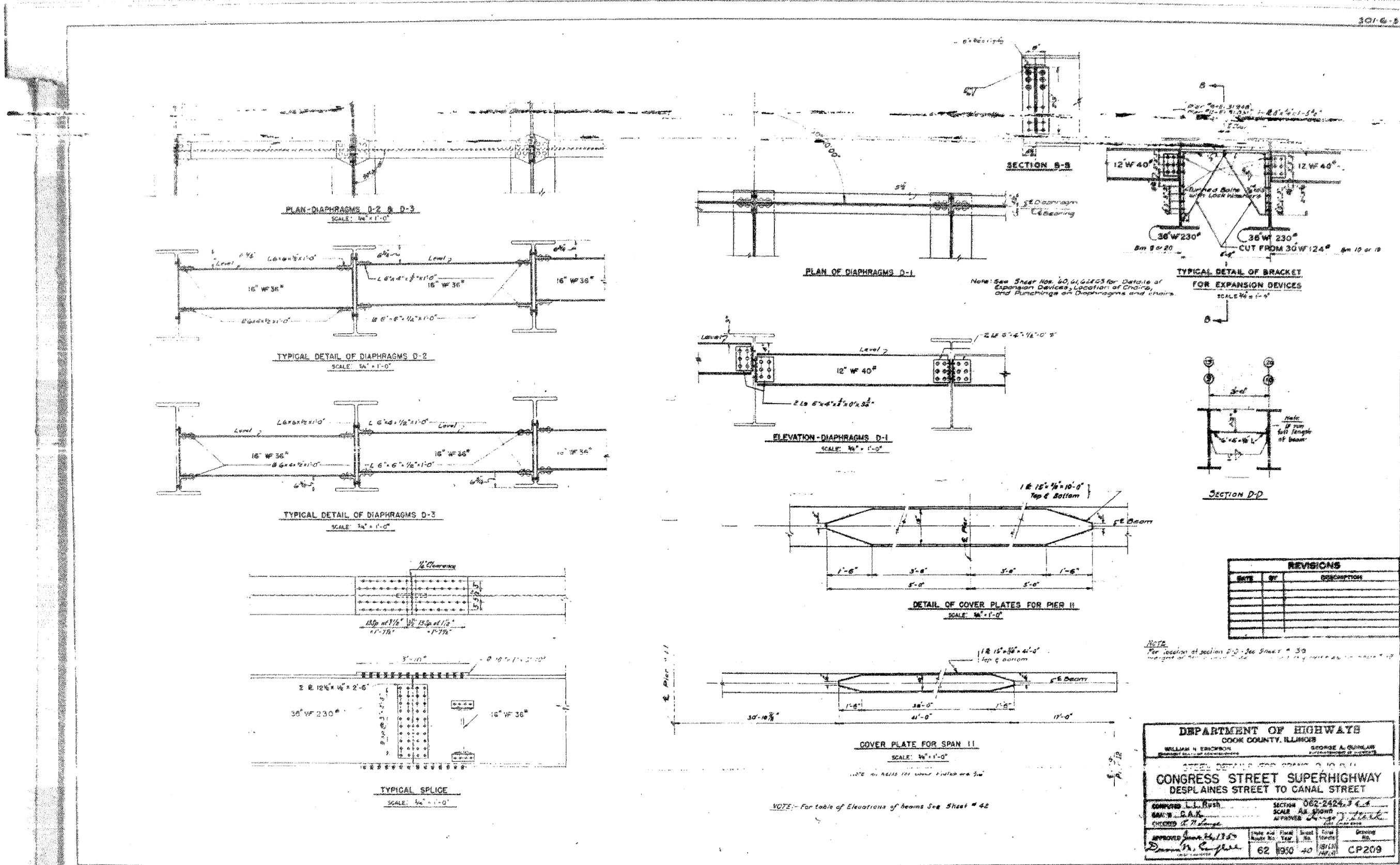
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PLOT SCALE =	N.T.S	CHECKED -	REVISIONS -
PLOT DATE =	7/26/2018	DRAWN -	REVISIONS -
		CHECKED -	REVISIONS -
		MI, MAI	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

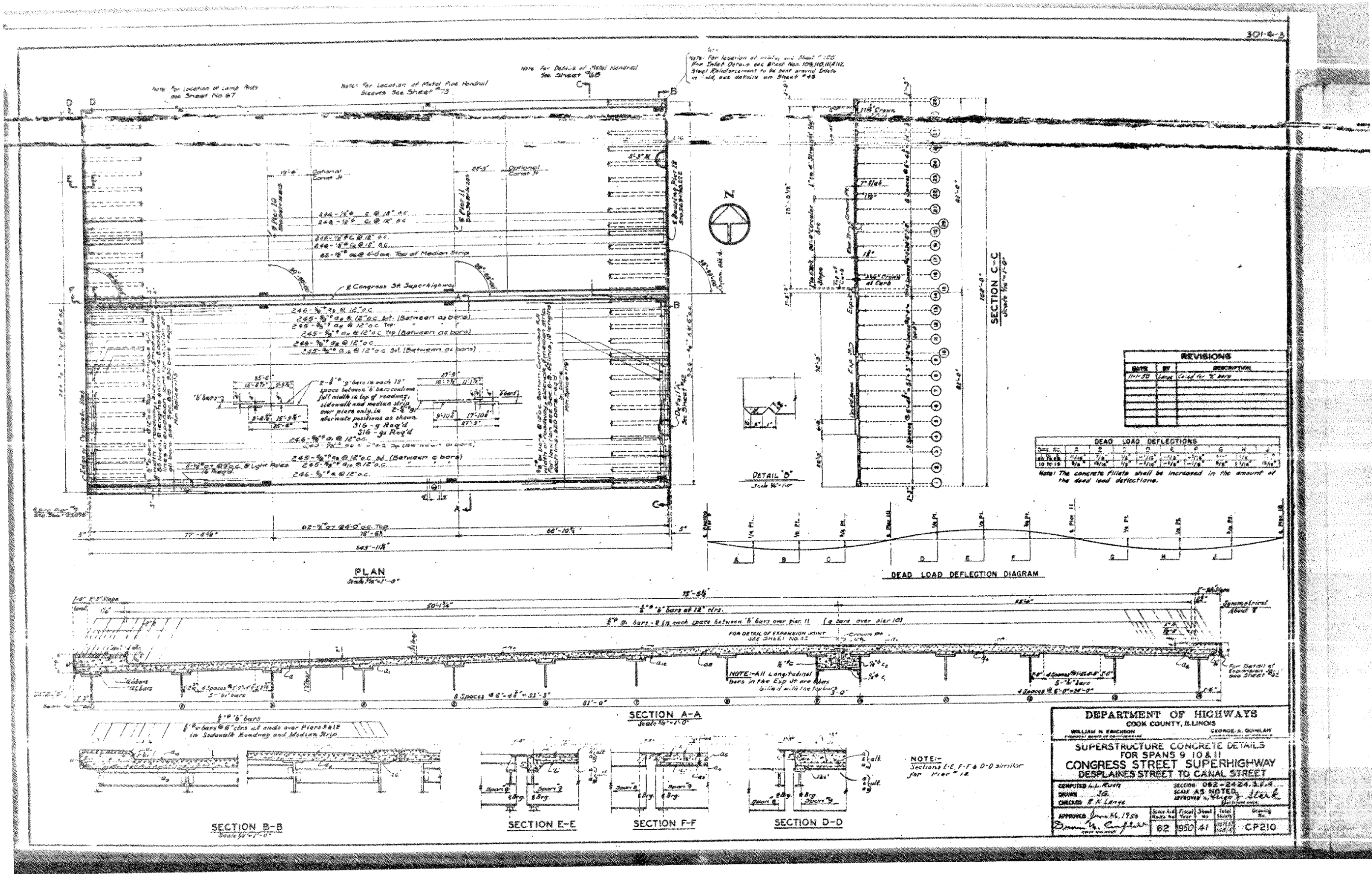
EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1494
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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BILL OF MATERIAL

TYPE 1

TYPE 2

TYPE 3

TYPE 4

TYPE 5

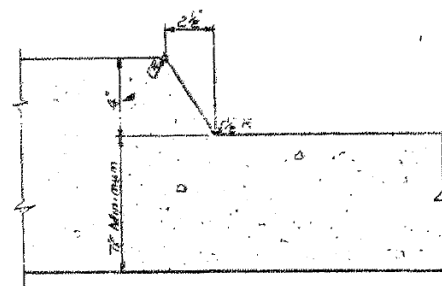
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1	1/2"	1	1	1	1.10					
2	3/8"	2	1	1	0.50					
3	1/4"	3	1	1	0.25					
4	3/16"	4	1	1	0.15					
5	1/8"	5	1	1	0.08					
6	1/2"	6	1	1	1.10					
7	3/8"	7	1	1	0.50					
8	1/4"	8	1	1	0.25					
9	3/16"	9	1	1	0.15					
10	1/8"	10	1	1	0.08					
11	1/2"	11	1	1	1.10					
12	3/8"	12	1	1	0.50					
13	1/4"	13	1	1	0.25					
14	3/16"	14	1	1	0.15					
15	1/8"	15	1	1	0.08					
16	1/2"	16	1	1	1.10					
17	3/8"	17	1	1	0.50					
18	1/4"	18	1	1	0.25					
19	3/16"	19	1	1	0.15					
20	1/8"	20	1	1	0.08					
21	1/2"	21	1	1	1.10					
22	3/8"	22	1	1	0.50					
23	1/4"	23	1	1	0.25					
24	3/16"	24	1	1	0.15					
25	1/8"	25	1	1	0.08					
26	1/2"	26	1	1	1.10					
27	3/8"	27	1	1	0.50					
28	1/4"	28	1	1	0.25					
29	3/16"	29	1	1	0.15					
30	1/8"	30	1	1	0.08					
31	1/2"	31	1	1	1.10					
32	3/8"	32	1	1	0.50					
33	1/4"	33	1	1	0.25					
34	3/16"	34	1	1	0.15					
35	1/8"	35	1	1	0.08					
36	1/2"	36	1	1	1.10					
37	3/8"	37	1	1	0.50					
38	1/4"	38	1	1	0.25					
39	3/16"	39	1	1	0.15					
40	1/8"	40	1	1	0.08					
41	1/2"	41	1	1	1.10					
42	3/8"	42	1	1	0.50					
43	1/4"	43	1	1	0.25					
44	3/16"	44	1	1	0.15					
45	1/8"	45	1	1	0.08					

GIRDER & CONCRETE

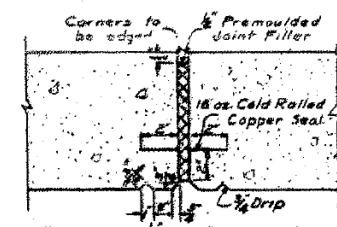
Reinforcement Bars

1026 M CH VED

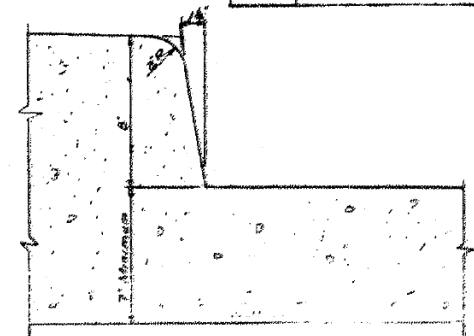
832 720



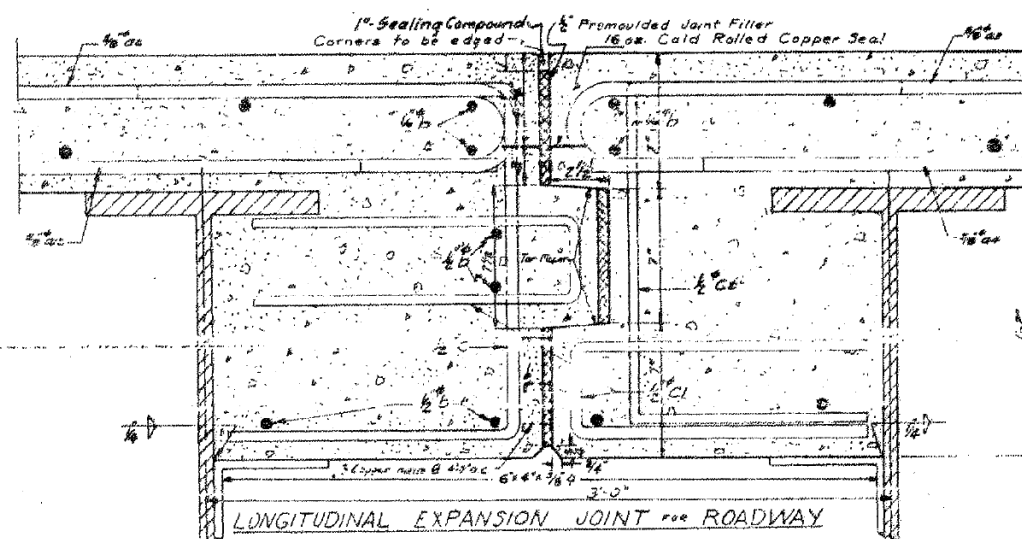
DETAIL OF MOUNTABLE CURB



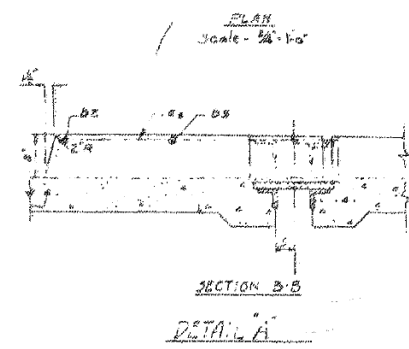
DETAIL - $\frac{1}{2}$ " EXPANSION JOINT

[illegible]

DETAIL of BARRIER CURB
Scale: 3"=1'-0"



LONGITUDINAL EXPANSION JOINT FOR ROADWAY



SECTION 3.8

DETAIL "A"

HBM
ENGINEERING GROUP, LLC

USER NAME =	ahmad,issa	DESIGNED -	REVISED -
		CHECKED -	REVISED -
PLOT SCALE =	N.T.S	DRAWN -	REVISED -
PLOT DATE =	7/26/2018	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1497
		CONTRACT NO. 60X93		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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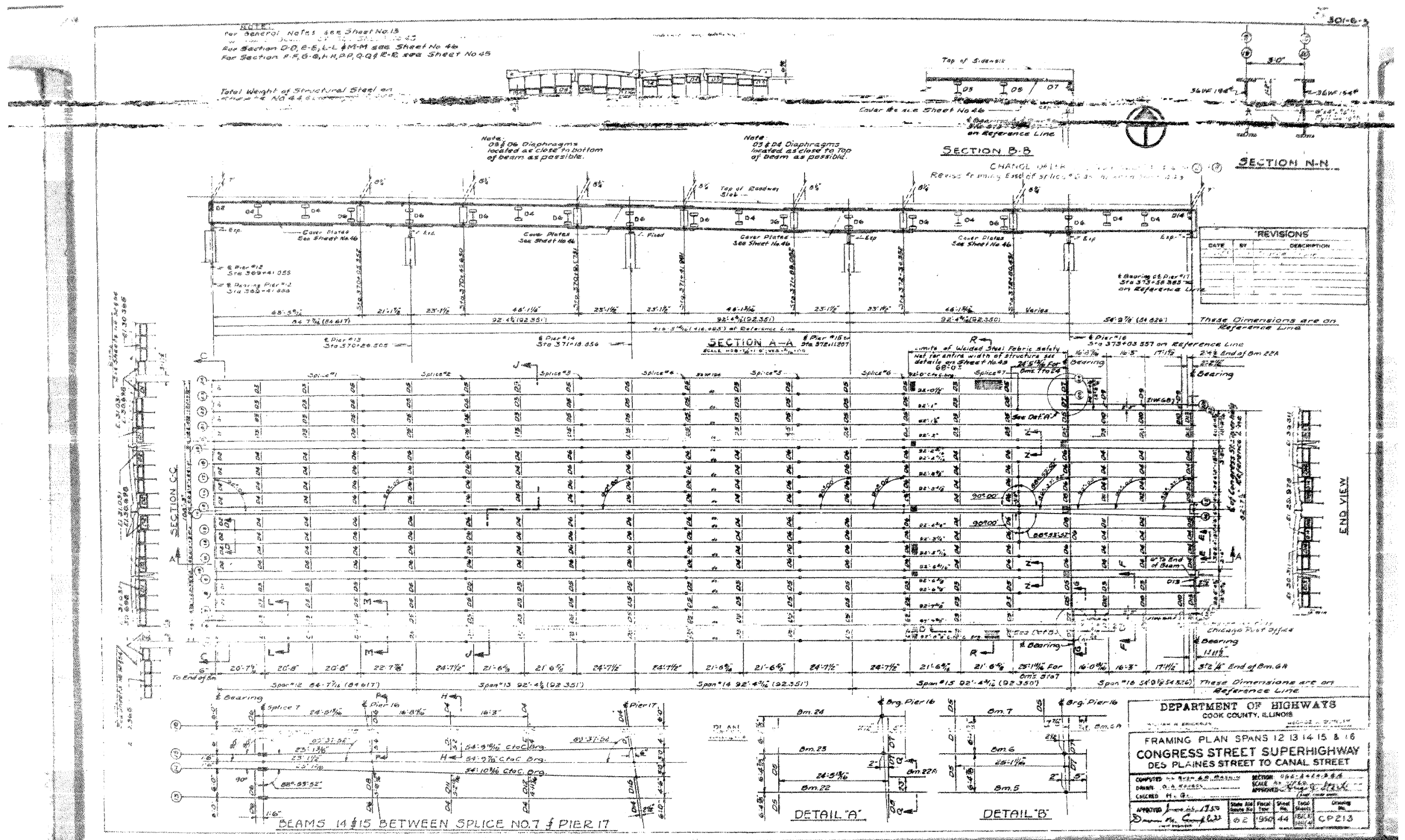
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1498
		CONTRACT NO. 60X93		
ILLINOIS		FED. AID PROJECT		

FOR INFORMATION ONLY



FILE NAME: pw:\617479-PWINT.aecomonline.local\AECOM_D502_NAI\Documents\01_Americas\Transportation\60269938_Circle\Phase II\000_CAD\008_Structural\Structure_016-1718\Existing_Plans\0160461-60X93-SXX-Existing\496

