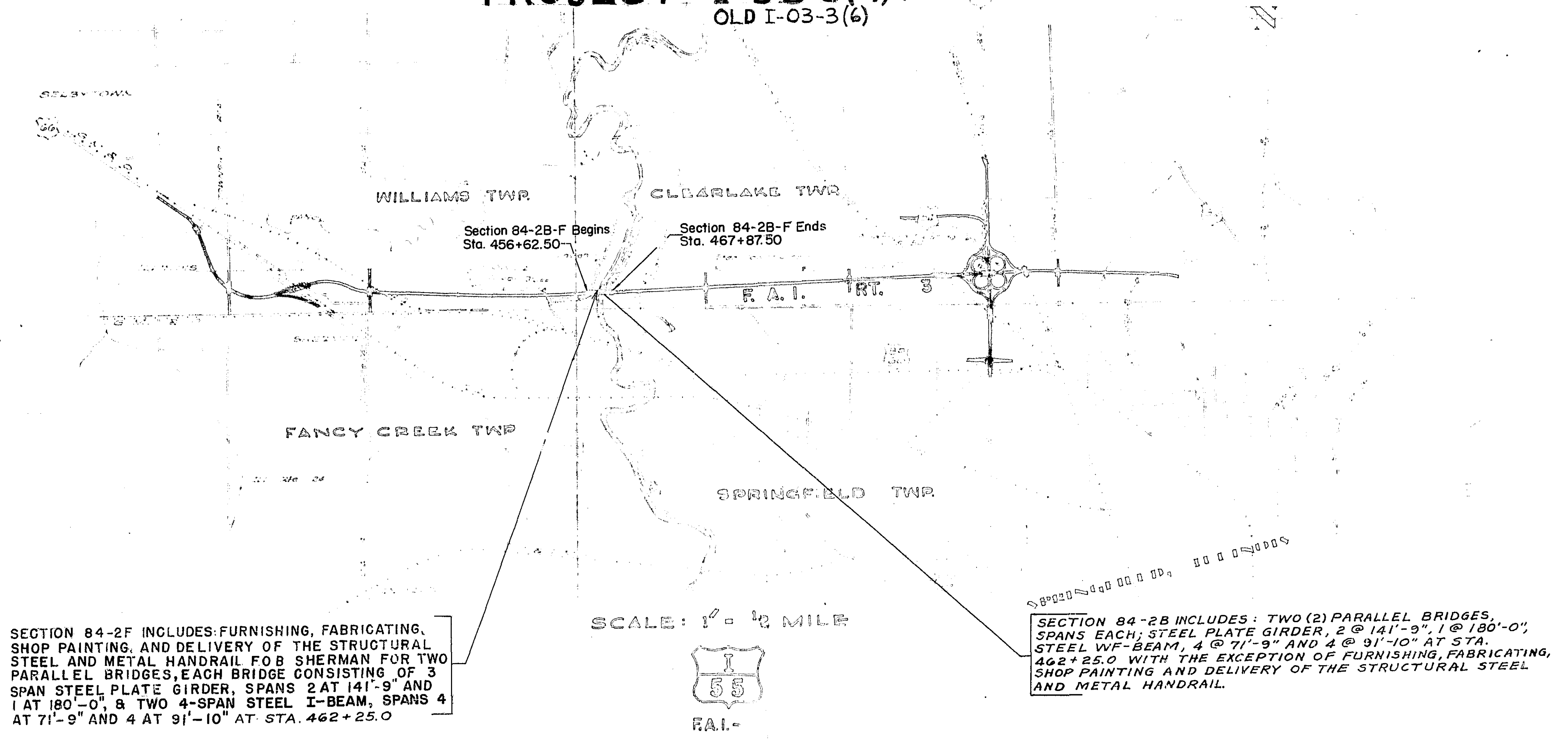


FEDERAL AID ROUTE NO.	SEC.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 55	84-2F	SANGAMON	34	1
FED. ROAD DIST. CO. 7 ILLINOIS PROJECT			I-55-3(4)102	

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY
FEDERAL AID INTERSTATE ROUTE 55
SECTION 84-2B-2F

PROJECT I-55-3(4)102
OLD I-03-3(6)



SECTION 84-2F INCLUDES FURNISHING, FABRICATING, SHOP PAINTING, AND DELIVERY OF THE STRUCTURAL STEEL AND METAL HANDRAIL FOR SHERMAN FOR TWO PARALLEL BRIDGES, EACH BRIDGE CONSISTING OF 3 SPAN STEEL PLATE GIRDER, SPANS 2 AT 141'-9" AND 1 AT 180'-0", & TWO 4-SPAN STEEL I-BEAM, SPANS 4 AT 71'-9" AND 4 AT 91'-10" AT STA. 462+25.0

SCALE: 1" = 1/2 MILE



SECTION 84-2B INCLUDES: TWO (2) PARALLEL BRIDGES, SPANS EACH; STEEL PLATE GIRDER, 2 @ 141'-9", 1 @ 180'-0", STEEL WF-BEAM, 4 @ 71'-9" AND 4 @ 91'-10" AT STA. 462+25.0 WITH THE EXCEPTION OF FURNISHING, FABRICATING, SHOP PAINTING AND DELIVERY OF THE STRUCTURAL STEEL AND METAL HANDRAIL.

RAWFORD, MURPHY & TILLY
CONSULTING ENGINEERS
SPRINGFIELD, ILLINOIS

ASSOCIATE ENGINEERS
HANSON, COLLINS & RICE
SPRINGFIELD, ILLINOIS

NET LENGTH 1125.0 LIN. FT.
NET LENGTH 0.213 MILE

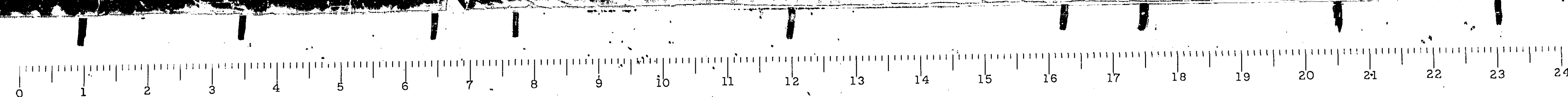
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

QUANTITY: 9-26 10 58
C. M. Hall
 CHECKED
 DRAFTED: Sept. 30, 1958
O. U. Van Auendall
 PASSED: Sept. 30, 1958
 APPROVED: Sept. 30, 1958
B. A. Bartholomew
 AUTHORIZED: Sept. 30, 1958
J. L. Buntline

DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
BUREAU OF PUBLIC WORKS

APPROVED: _____
 DIVISION ENGINEER

DATE: _____



DESIGNED
TRACED
CHECKED

FAI 55 84-2B	84-2B	SANGAMON	39	2
			19	2

SUMMARY OF QUANTITIES - SECTION 84-2B

QUANTITY	UNIT	ITEM
2,350.6	Cu. Yds.	Class X Concrete
1,858.2	Cu. Yds.	Class A Concrete
5.8	Cu. Yds.	Handrail Concrete
528	Cu. Yds.	Seal Coat Concrete
532,785	Lbs.	Reinforcement Bars
3,530,250	Lbs.	Erecting Structural Steel
4,492	Lin. Ft.	Erecting Metal Handrail
2,618	Lin. Ft.	Furnishing Steel Piles (10BP42)
18,312	Lin. Ft.	Furnishing Steel Piles (12BP53)
20,930	Lin. Ft.	Driving Steel Piles
1,080	Lin. Ft.	Furnishing Creosoted Piles Over 38'
1,080	Lin. Ft.	Driving Timber Piles
2	Each	Test Piles (10BP42)
2	Each	Test Piles (12BP53)
2	Each	Name Plates
1	Each	Cofferdams, Pier 5, East Bridge
1	Each	Cofferdams, Pier 5, West Bridge
1	Each	Cofferdams, Pier 6, East Bridge
1	Each	Cofferdams, Pier 6, West Bridge
1,500	Cu. Yds.	Class A Excavation for Structures
710	Cu. Yds.	Class B Excavation for Structures
2,010	Cu. Yds.	Cofferdam Excavation
33,870	Cu. Yds.	Earth Excavation
2,799	Sq. Yds.	Slope Wall
130	Acres	Tree Removal-Acres

INDEX TO SHEETS - SECTION 84-2B

SHEET NO.	TITLE
1	Cover Sheet
2	Index to Sheets and Summary of Quantities
3	Typical Roadway Cross Sections
4	Roadway Plan and Profile - Sta. 430+00 to Sta. 460+00
5	Roadway Plan and Profile - Sta. 460+00 to Sta. 490+00
6	General Plan and Elevation
7	Borings
8	Slope Wall Layout and Borings
9 & 10	Steel Girders - Details
11	Steel Beams - Details
12	Expansion Device
13	Handrail
14	Slab - Beam Spans
15	Slab - Girder Spans
16	Piers 1, 2, 3, 8, 9 and 10
17	Piers 4 and 7
18	Piers 5 and 6
19	Abutments
20	Cross Sections Sta. 427+45 to 431+00
21	Cross Sections Sta. 432+00 to 438+00
22	Cross Sections Sta. 439+00 to 446+00
23	Cross Sections Sta. 446+58 to 451+00
24	Cross Sections Sta. 476+00 to 476+30
25	Cross Sections Sta. 476+65 to 477+00
26	Cross Sections Sta. 477+71 to 478+00
27	Cross Sections Sta. 478+00 to 479+55
28	Cross Sections Sta. 479+55 to 480+60
29	Cross Sections Sta. 481+00 to 481+60
30	Cross Sections Sta. 482+30 to 483+30
31	Cross Sections Sta. 484+00 to 485+00
32	Cross Sections Sta. 486+00 to 486+00
33	Standards 2113
34	Standards 2114, 2128-2 and 19715

One sign conforming to Standard 2128-2 shall be erected at a location as directed by the Engineer.

SUMMARY OF QUANTITIES - SECTION 84-2F

QUANTITY	UNIT	ITEM
3,530,250	Lbs.	Furnishing Structural Steel
4,492	Lin. Ft.	Furnishing Metal Handrail

INDEX OF SHEETS - SECTION 84-2F

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX SHEETS AND SUMMARY OF QUANTITIES
3	TYPICAL ROADWAY CROSS SECTIONS
4 & 5	ROADWAY PLANS AND PROFILE
6 - 19	BRIDGE PLANS

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

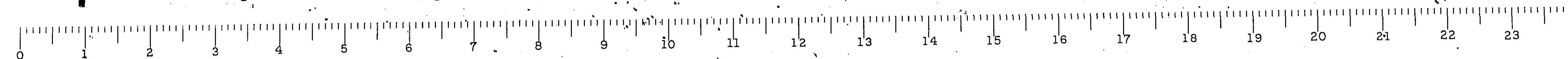
**SUMMARY OF QUANTITIES
AND INDEX TO SHEETS**

CRAWFORD, MURPHY & TILLY
CONSULTING ENGINEERS
SPRINGFIELD, ILLINOIS

SCALE
DATE 9-25, '58

JOB NO.
5725

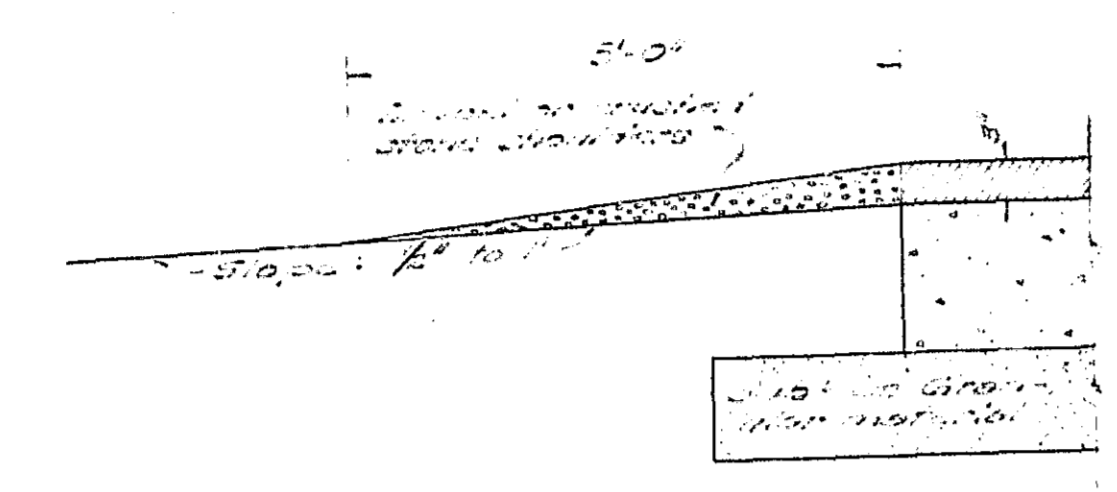
Sheet No. "B"



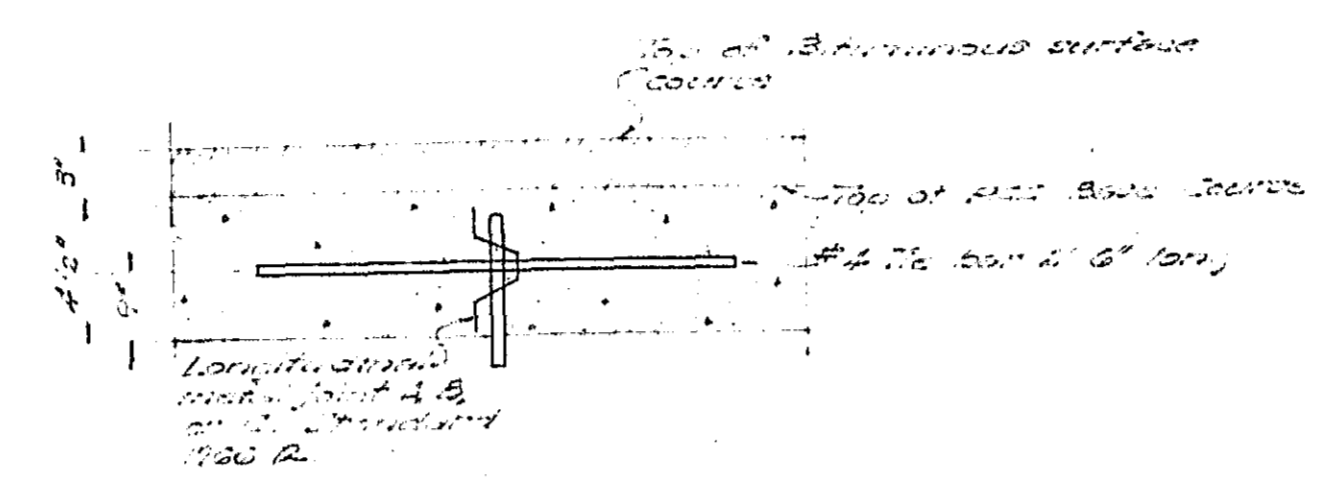
Highway Classification 2100-T-70

FAI-55 84-2B SAN GABON
84-2F

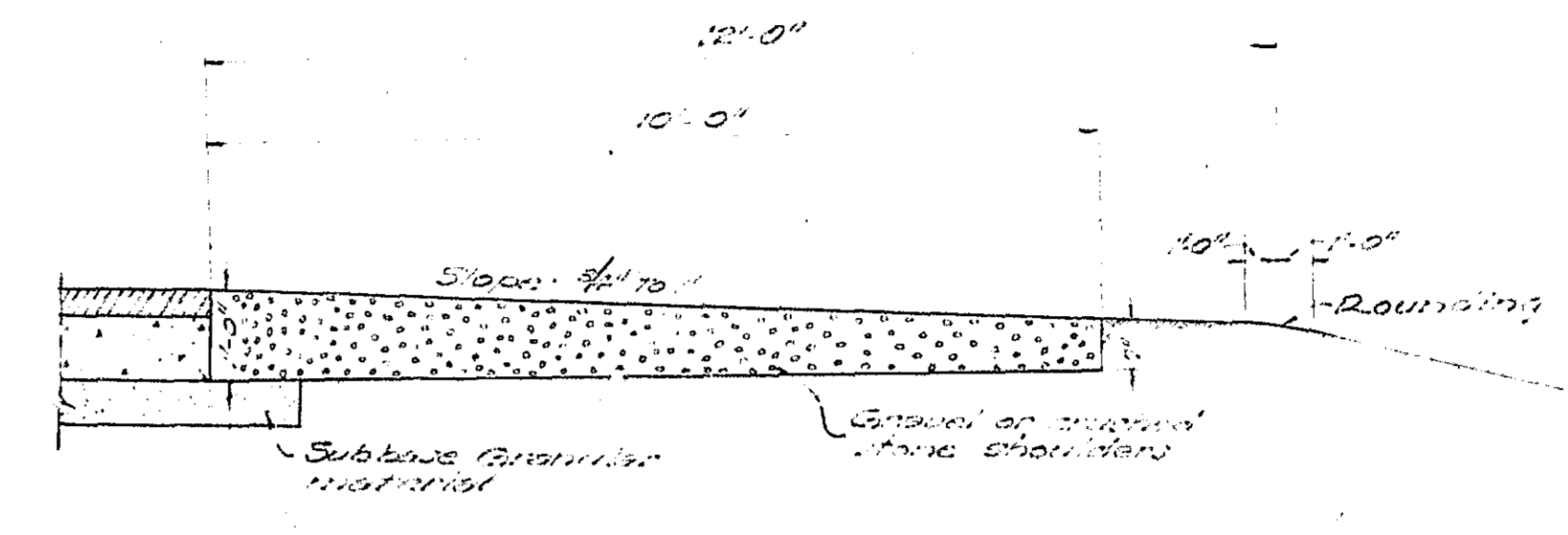
DESIGNED
TRACED
CHECKED



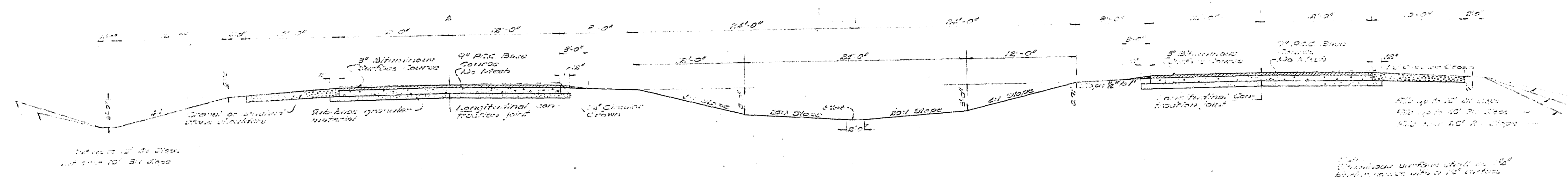
DETAIL OF
MEDIAN SHOULDER



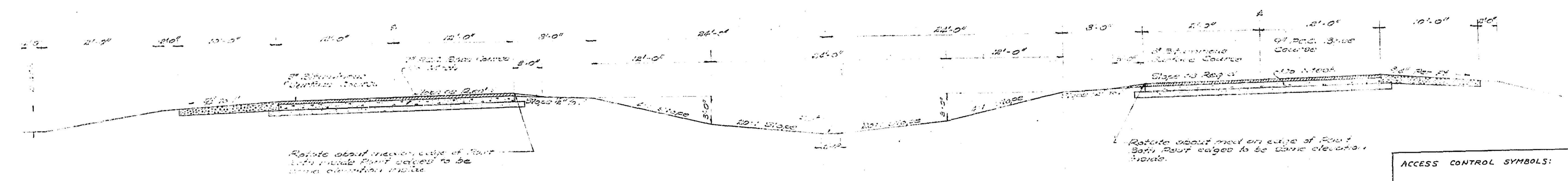
DETAIL OF LONGITUDINAL
CONTRACTION JOINT



DETAIL OF
OUTSIDE SHOULDER



TYPICAL CROSS SECTION



TYPICAL SUPERELEVATED SECTION

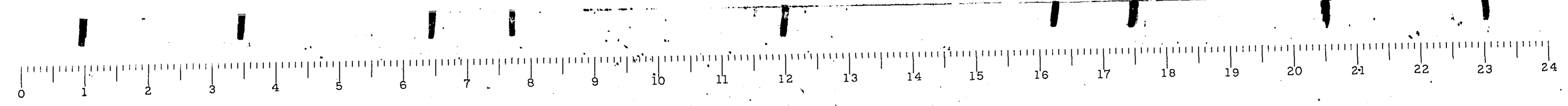
ACCESS CONTROL SYMBOLS:
ACCESS CONTROL LINE --- AC --- AC ---

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

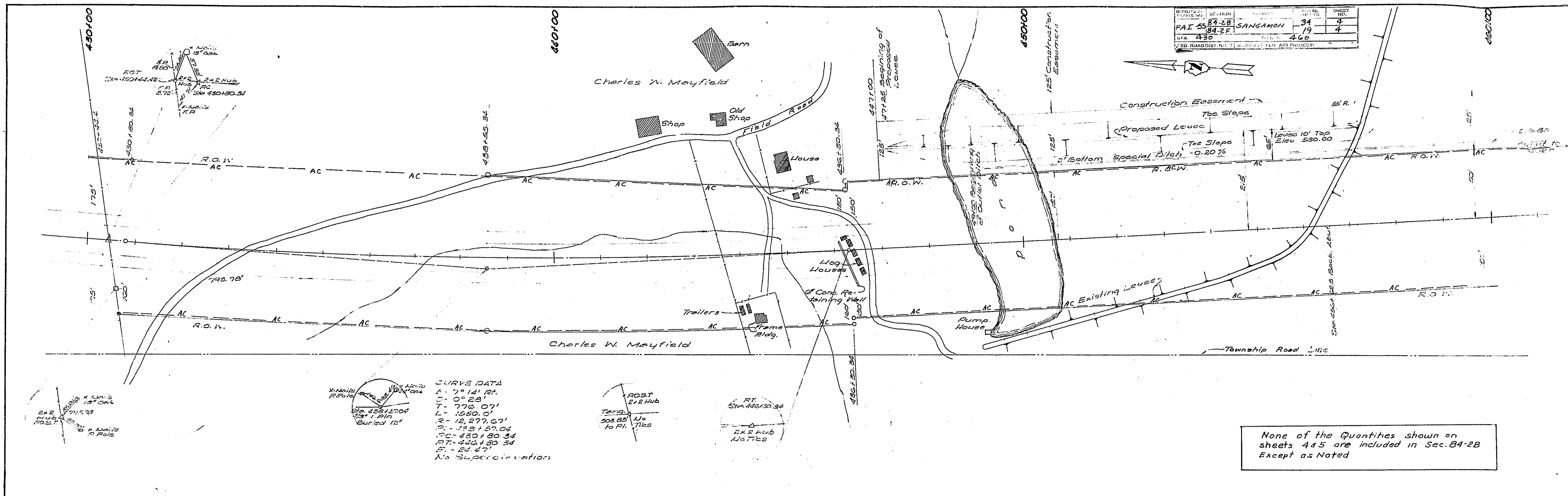
TYPICAL CROSS SECTIONS
F. A. I. ROUTE 55 SECTION 84-2B & 2F

CRAWFORD, MURPHY & WILLY CONSULTING ENGINEERS SPRINGFIELD, ILLINOIS	SCALE NO SCALE DATE 9-25-58	JOB NO. 5725
---	--------------------------------	-----------------

Sheet No. C



PLAN	DATE	BY
REVISED	1/22/20	JAC/JZ
NOTE BOOK	1/22/20	JAC/JZ
NO.	1	



None of the Quantities shown on sheets 445 are included in Sec. 84-2B Except as Noted

PROFILE	DATE	BY
REVISED	1/22/20	JAC/JZ
NOTE BOOK	1/22/20	JAC/JZ
NO.	1	

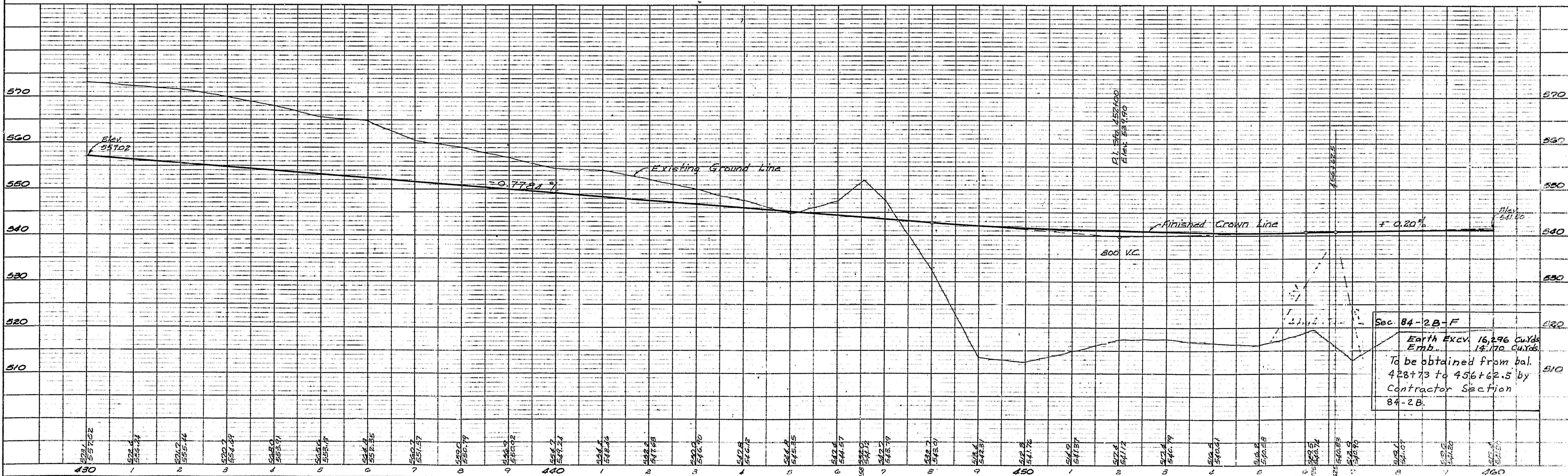
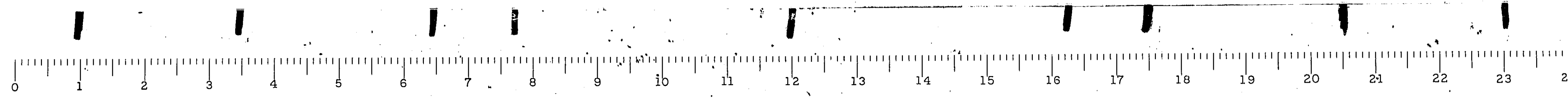
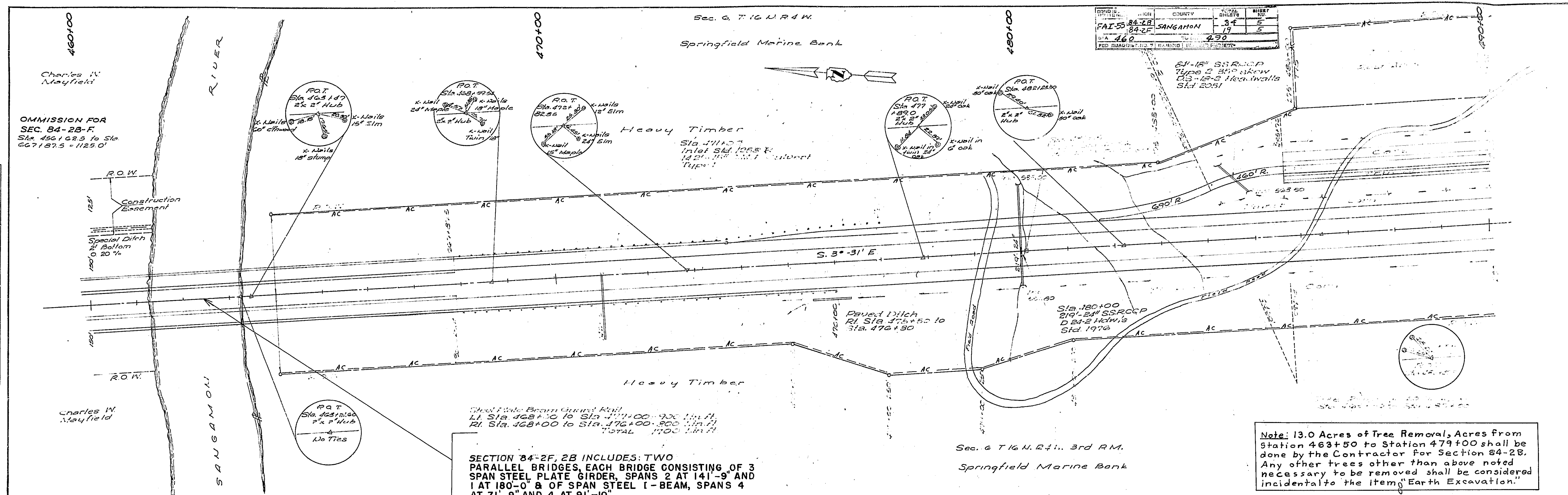


PLATE 1 FROM 15 SHEETS OF P.R. & E. SANGAMON
 MICHEL & FISHER CO., NEW YORK
 K & E CO. NO. 348-10





PLAN

NOTE BOOK

NO.

DATE

BY

FOR

BY

FOR

BY

FOR

PROFILE

DATE

BY

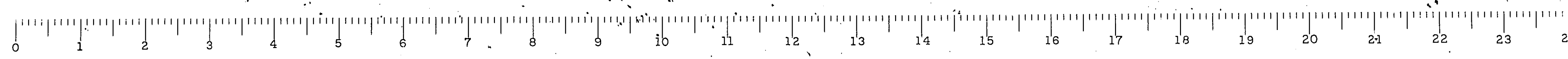
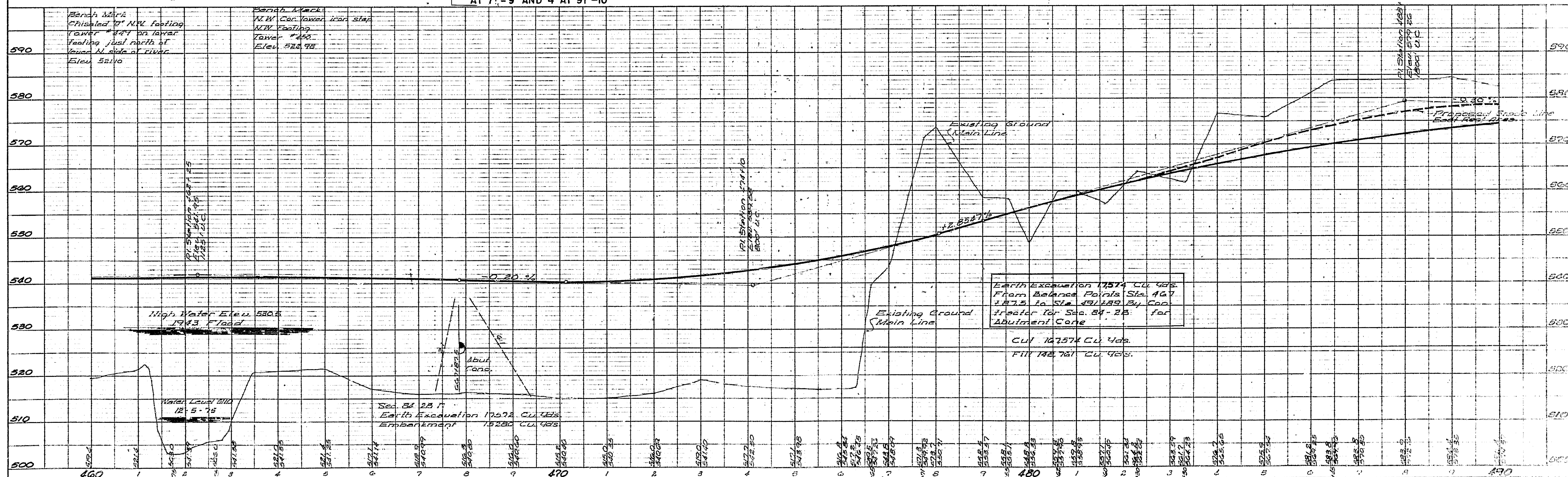
FOR

BY

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BY

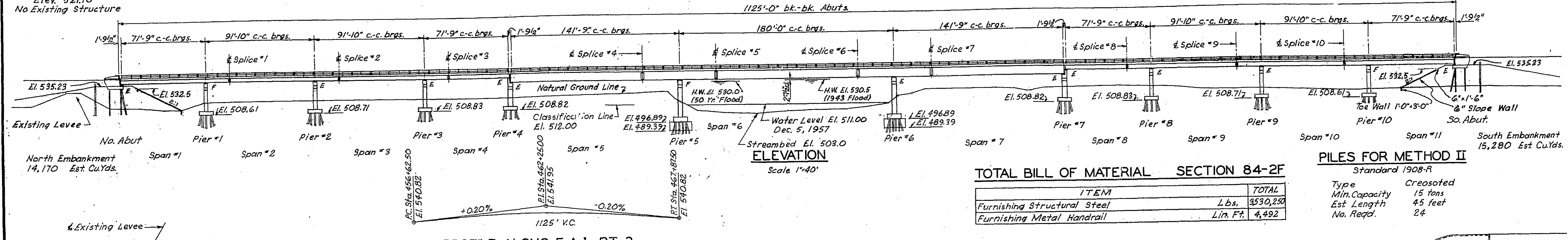
FOR



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
84-2B	84-2F	SANGAMON	34	6
PROJ. ROAD DIST. NO. 7 ILLINOIS			79	6

B.M.-Chiseled on the N.W. Ft. Tower #449
(1st Tower North of Levee, Approximately
400' Left of Station 456+00)
Elev. 521.10
No Existing Structure



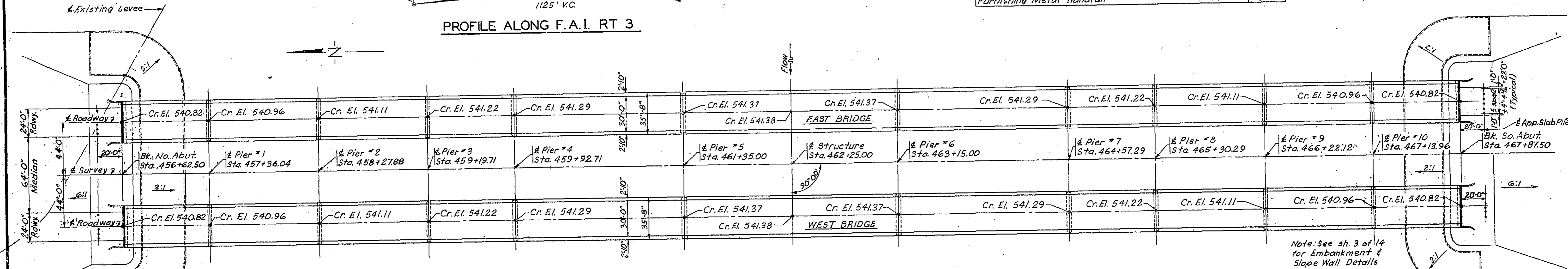
TOTAL BILL OF MATERIAL SECTION 84-2F

ITEM	TOTAL
Furnishing Structural Steel	Lbs. 3530,250
Furnishing Metal Handrail	Lin. Ft. 4,492

PILES FOR METHOD II
Standard 1908-R

Type	Creosoted
Min. Capacity	15 tons
Est. Length	45 feet
No. Req'd.	24

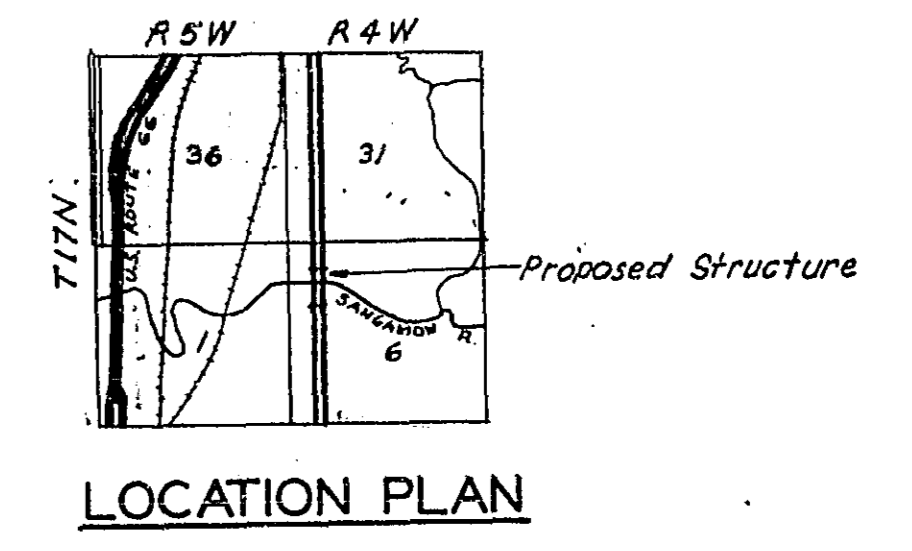
PROFILE ALONG F.A.I. RT 3



PLAN
Scale 1"=40'

TOTAL BILL OF MATERIAL SECTION 84-2B

ITEM	SUPER	SUB	TOTAL
Class X Concrete	Cu. Yds. 2182.0	168.6	2350.6
Class A Concrete	Cu. Yds. -	1858.2	1858.2
Handrail Concrete	Cu. Yds. 5.8	-	5.8
Seal Coat Concrete	Cu. Yds. -	528	528
Reinforcement Bars	Lbs. 389,340	148,445	537,785
Erecting Structural Steel	Lbs. 3530,250	-	3530,250
Erecting Metal Handrail	Lin. Ft. 4,492	-	4,492
Steel Piles (10BP42)	Lin. Ft. -	2,618	2,618
Steel Piles (12BP53)	Lin. Ft. -	18,312	18,312
Test Piles (10BP42)	Ea. -	2	2
Test Piles (12BP53)	Ea. -	8	8
Creosoted Piles (over 36 ft.)	Lin. Ft. -	-	1,080
Slope Wall	Sq. Yds. -	2,799	2,799
Name Plates	Ea. 2	-	2
Class A Excavation for Structures	Cu. Yds. -	1,500	1,500
Class B Excavation for Structures	Cu. Yds. -	710	710
Cofferdams, Pier #5 East Bridge	Ea. -	1	1
Cofferdams, Pier #5 West Bridge	Ea. -	1	1
Cofferdams, Pier #6 East Bridge	Ea. -	1	1
Cofferdams, Pier #6 West Bridge	Ea. -	1	1
Cofferdam Excavation	Cu. Yds. -	2,010	2,010
Earth Excavation	Cu. Yds. -	33,870	33,870



GENERAL NOTES

Class X Concrete shall be used throughout except in piers, handrail and posts and seal coat.
Class A Concrete shall be used in the piers.
Handrail Concrete shall be used in the handrail and posts.
Seal Coat Concrete shall be used in the seal coat.
The concrete floor slab shall be finished in accordance with Art. 51.19 of the Standard Specifications.
Slope Wall shall be reinforced with welded wire fabric 6" x 6" mesh, #4 wires, weighing 58# per 100 sq. ft.
Layout of slope walls may be varied to suit ground conditions in the field, as directed by the Engineer.
Rivets 7/8" #, Open Holes 15/16" #, unless noted.
Field connections riveted, unless noted.
All rockers, bolters, bearing plates, fill plates, lead plates, pintles, and anchor bolts shall be fabricated and set in accordance with Art. 51.15 of the Std. Specs. and are included in quantity of structural steel.
Bearings for girders shall be of cast steel.
Estimated weight of bearing = 69,290 lbs., included in quantity of structural steel.
Anchor bolts shall be set before riveting diaphragms and cross frames over supports.
All holes for splices shall be punched 11/16" # and reamed to proper size with all stringers or girders assembled in shop in proper position. Leave assembled in shop for inspection.
Metal handrail posts shall be vertical.
Roadway expansion guards at piers 4 and 7 shall be assembled in

the shop in proper position with the adjacent ends in place and shall be left assembled for shop inspection.
Plates shall be flame cut as provided in Art. 54.5 of the Std. Specs.
All expansion guards are included in quantity of structural steel. Estimated weight = 26,558 lbs.
All surfaces of the expansion guards inaccessible after erection, and not in contact with the concrete, shall be given two (2) shop coats of red lead paint.
Except as otherwise provided, all structural steel and metal handrail shall receive one (1) shop coat of red lead paint and two (2) field coats of aluminum paint. See Art. 56.1 through 56.5 inclusive, of the Standard Specifications.
All paint shall be furnished and applied by the Contractor involved.
Embankments shall be constructed to elevation 535.23 in accordance with Sec. 16 of the Std. Specs. before abutment piles and approach slab piles are driven.
The Contractor shall drive 10 test piles in permanent locations as directed by the Engineer; one in each of the following locations; N. Abut. W. Bridge; Pier #1 E. Bridge; Pier #3 E. Bridge; Pier #5 W. Bridge; Pier #5 E. Bridge; Pier #6 W. Bridge; Pier #6 E. Bridge; Pier #8 W. Bridge; Pier #10 W. Bridge; S. Abut. E. Bridge; before ordering the remainder of the piles.
Unless otherwise shown on the plans, reinforcing bars shall be lapped 24 bar diameters, but not less than 18 inches.

WATERWAY INFORMATION

Drainage Area 2,670 sq. mi.
Character Level, clay, cultivated
Required Opening (50 yr) 13,500 sq. ft.
Proposed Opening 13,500 sq. ft.
*13,500 sq. ft. of opening supplied below Elev. 530.0. 2 1/2" min. cl. to structure above Elev. 530.5

DESIGN STRESSES

f_c = 1,400 p.s.i.
f_s = 20,000 p.s.i. (Reinf.)
f_s = 18,000 p.s.i. (Struct.)
v = 75 p.s.i. (Pier Frc.)
n = 10

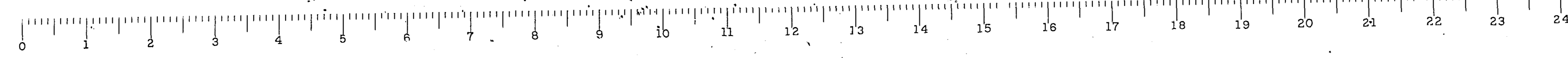
GENERAL PLAN & ELEVATION
F.A.I. ROUTE 55 OVER SANGAMON RIVER
PROJECT I-55-3(4)102
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

DESIGNED H.F. Schutte
CHECKED R.D. Collins
DRAWN T.E.B.
CHECKED R.D.C.
EXAMINED M. Romine
APPROVED R.D. Collins
ENGINEER OF BRIDGES AND TRAFFIC STRUCTURES
CHIEF HIGHWAY ENGINEER

LETTERING FOR NAME PLATE
See Std. 2113

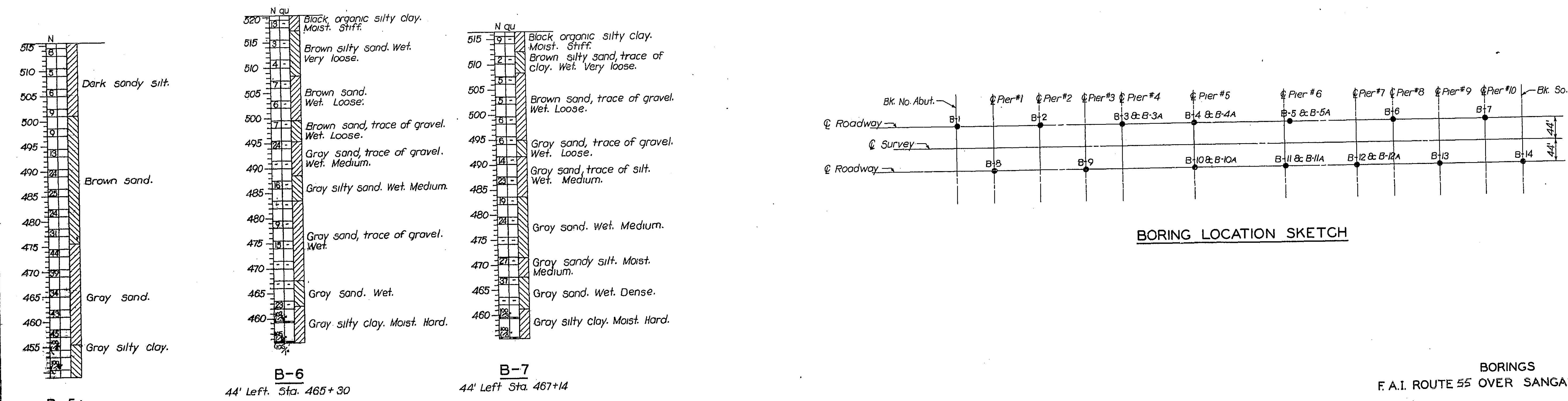
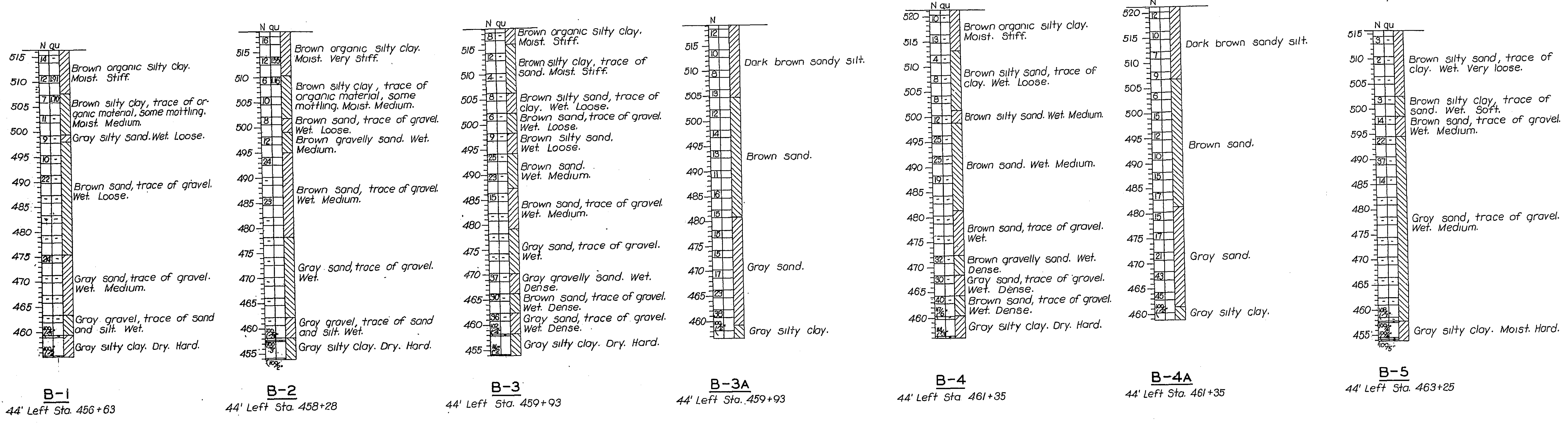
Revised - Hanson Collins & Rice 10/16/58.

Loading H20-S16-44 & Alternate Loading



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 55	84-2B	SANGAMON	34	7
FED. ROAD DIST. NO. 7	84-6E	ILLINOIS PROJECT	19	7



B-5A
44' Left Sta. 463+25

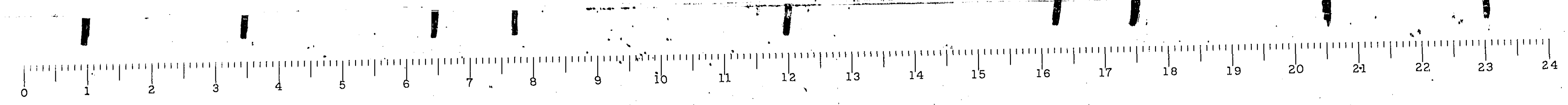
DESIGNED	V.F. Schulte	EXAMINED	<i>[Signature]</i>
CHECKED	R.D.C.	PARED	<i>[Signature]</i>
DRAWN	D.D.O.	APPROVED	<i>[Signature]</i>
CHECKED	REO		

SEPT 29 19 58

CHIEF ENGINEER

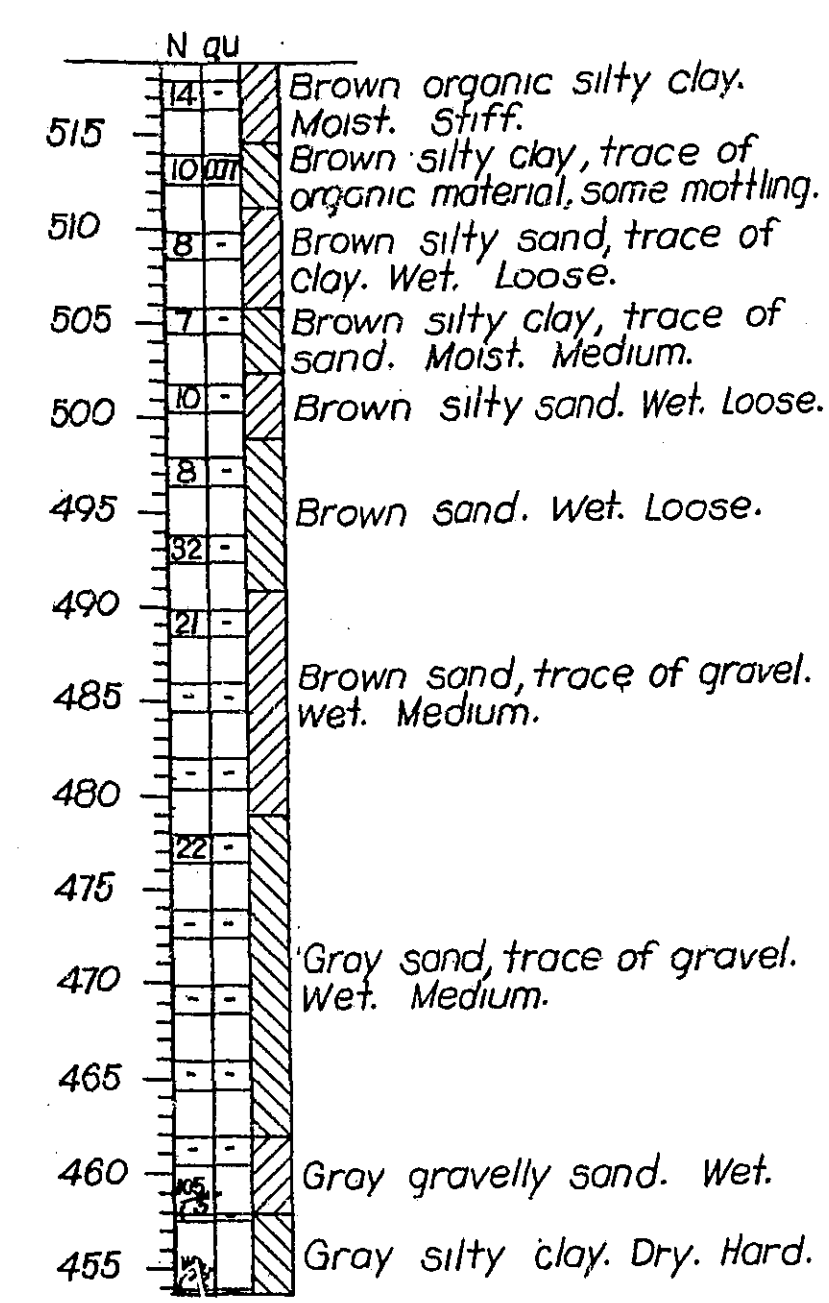
NOTE:
N indicates the number of blows required to drive a 1 3/8" ID, 2" OD split spoon sampler 12" by means of a 140# weight falling 30".
qu indicates the unconfined compressive strength of the soil in tons/sq ft.

BORINGS
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

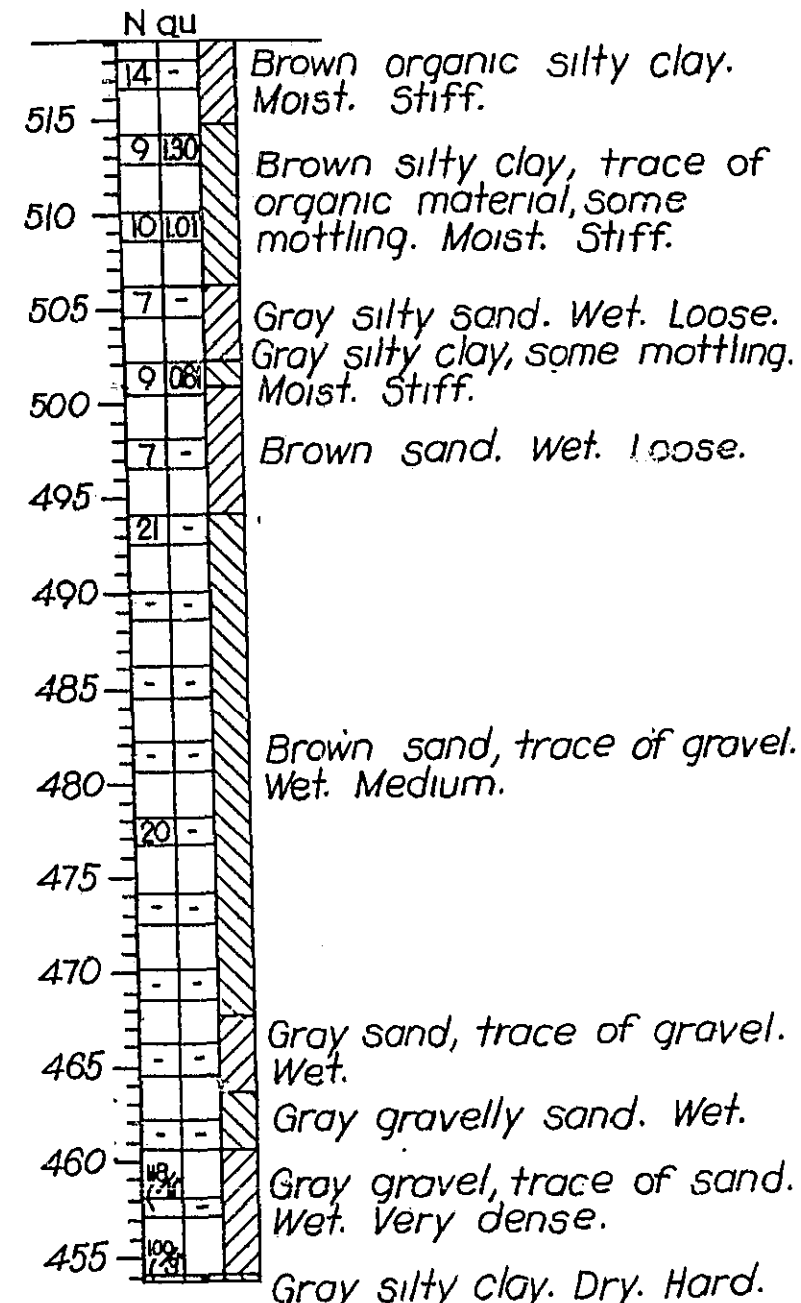


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

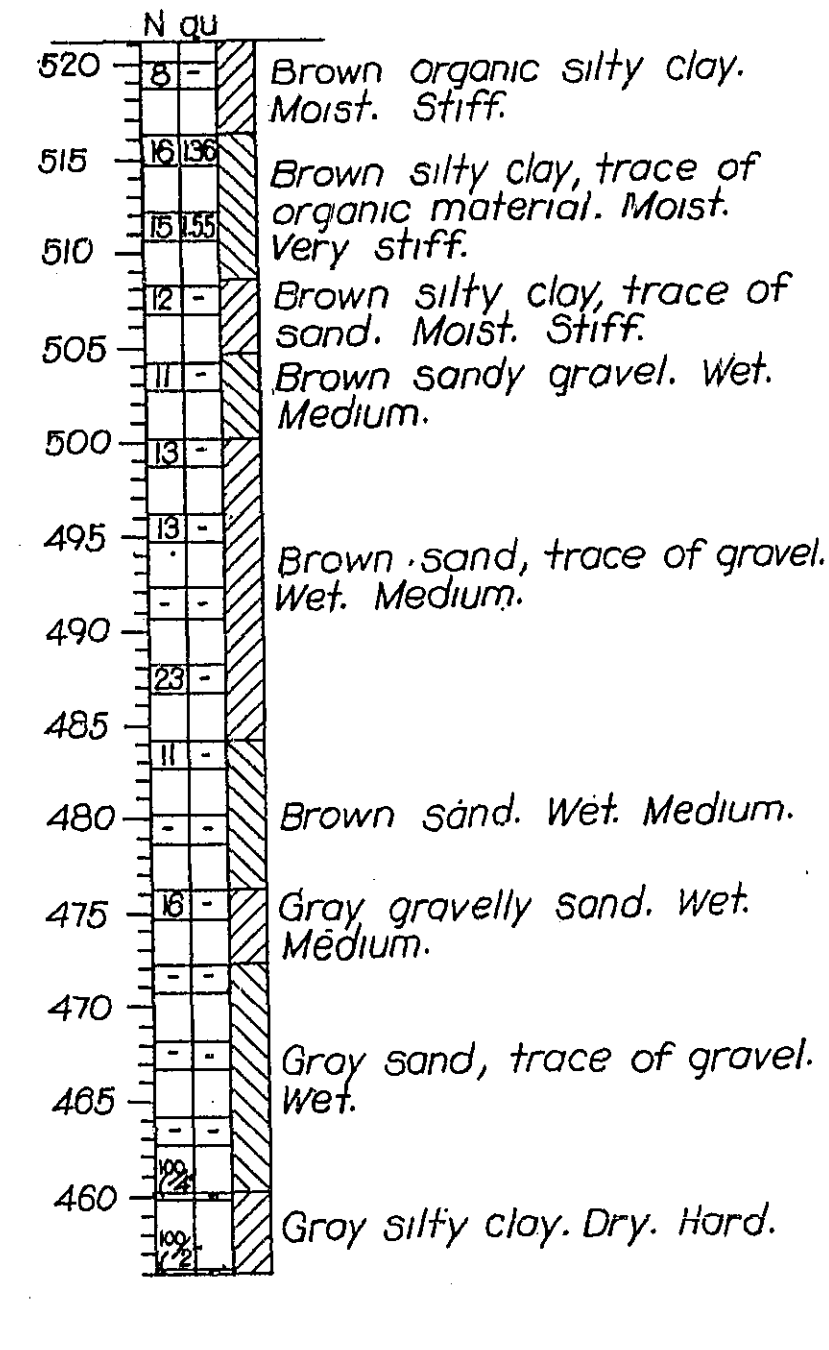
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55	84-2E	SANGAMON	34	8
	84-2E		17	8
FED. ROAD DIST. NO. 7 ILLINOIS PROJECT				



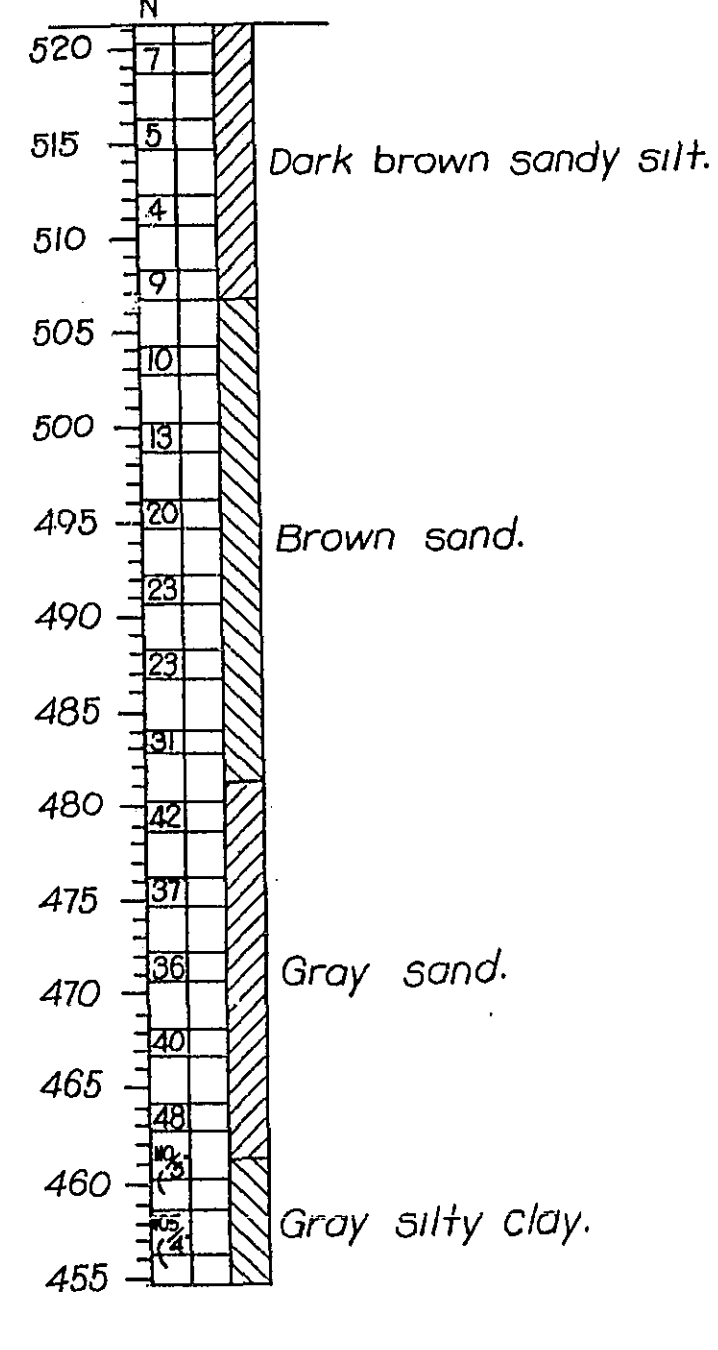
B-8
44' Rt. Sta. 457+36



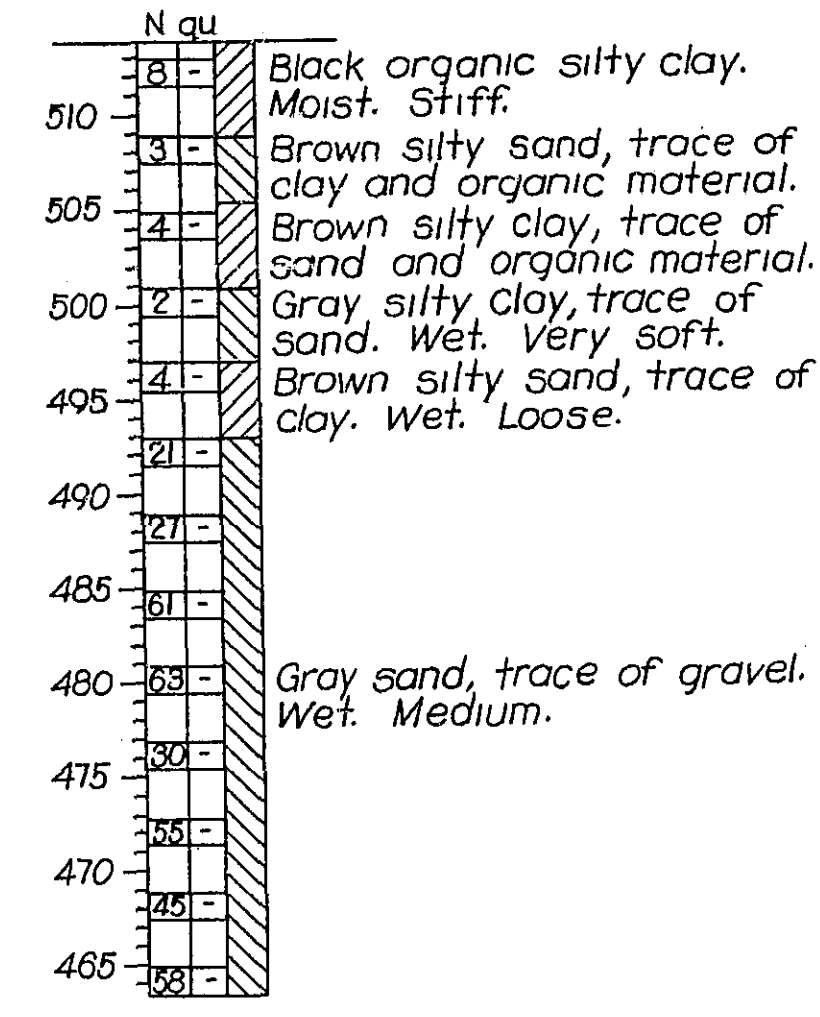
B-9
44' Rt. Sta. 459+20



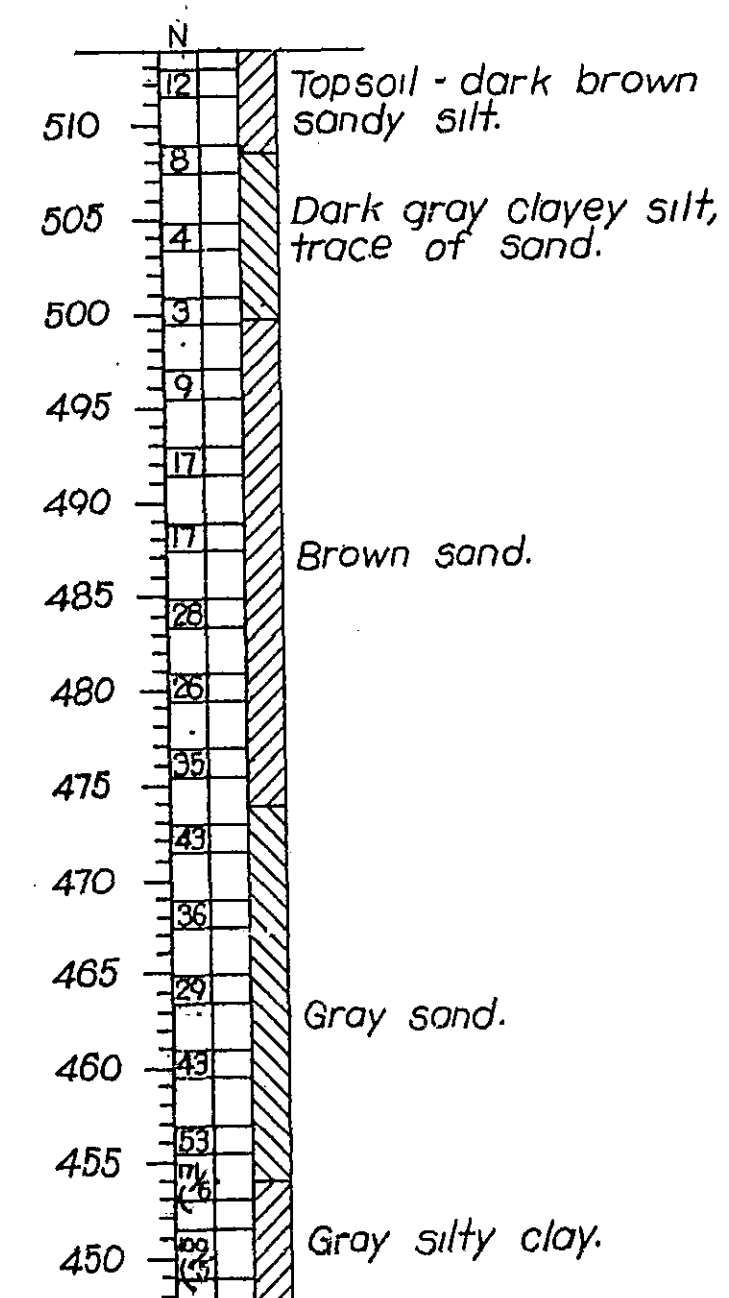
B-10
44' Rt. Sta. 461+35



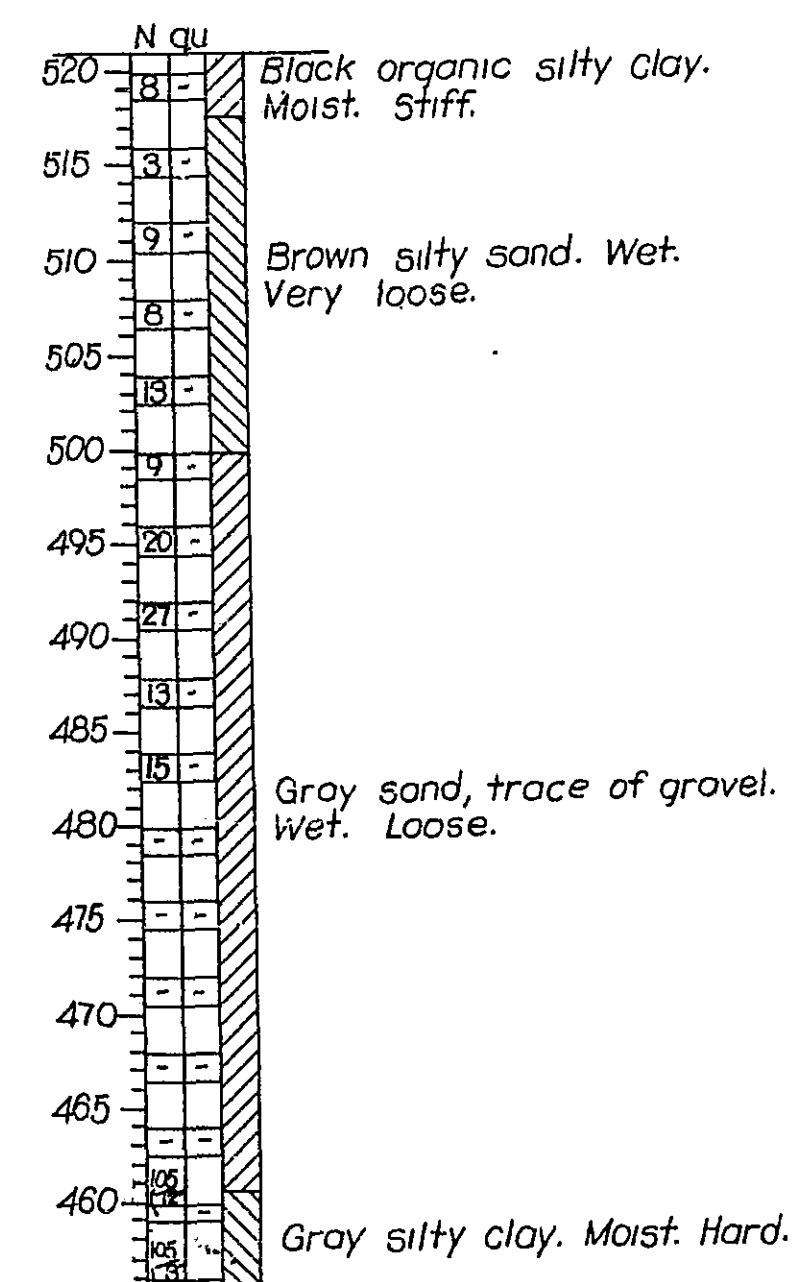
B-10A
44' Rt. Sta. 461+35



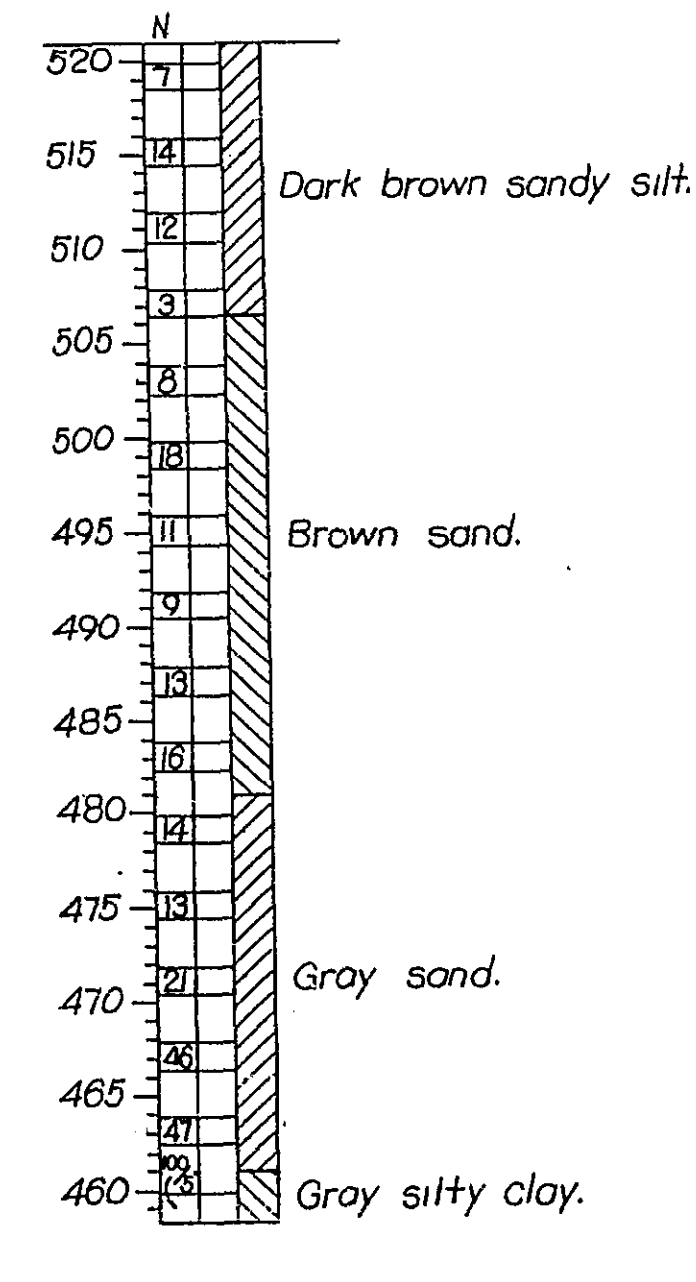
B-11
44' Rt. Sta. 463+15



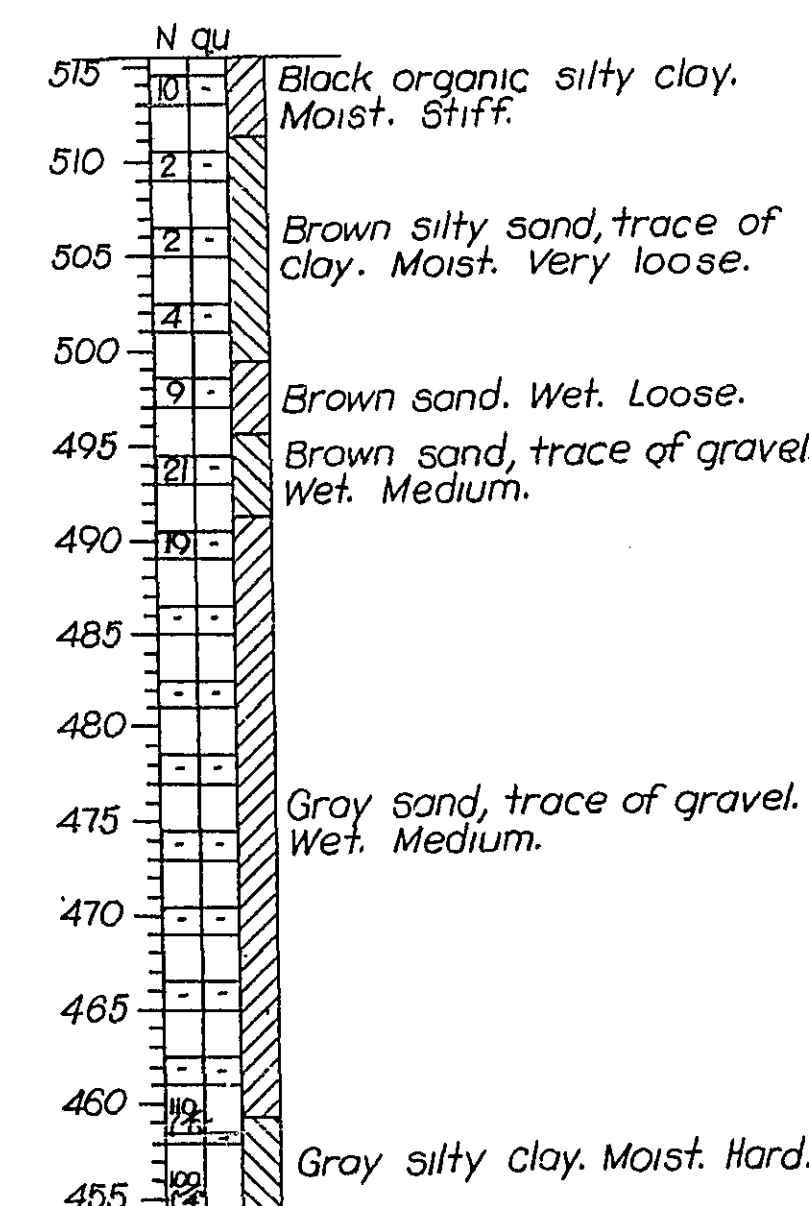
B-11A
44' Rt. Sta. 463+15



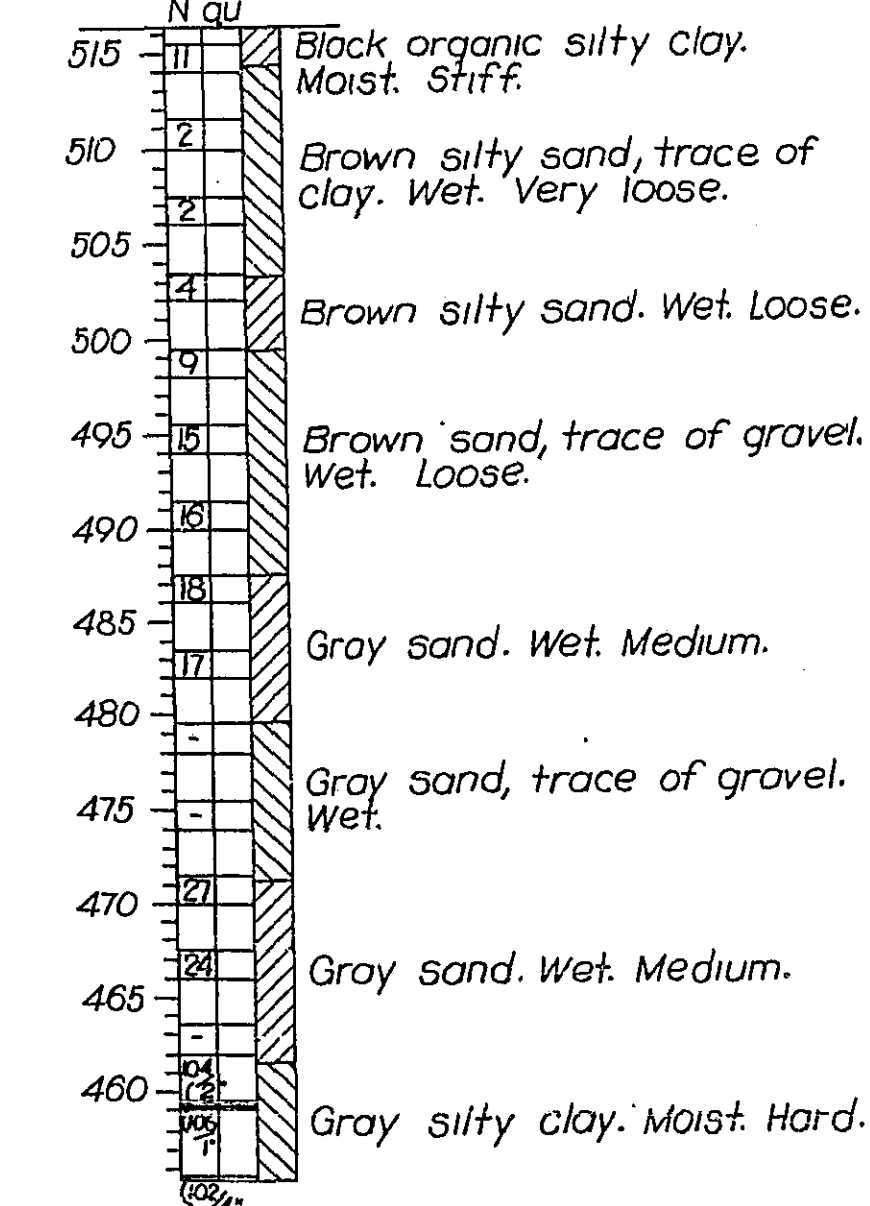
B-12
44' Rt. Sta. 464+57



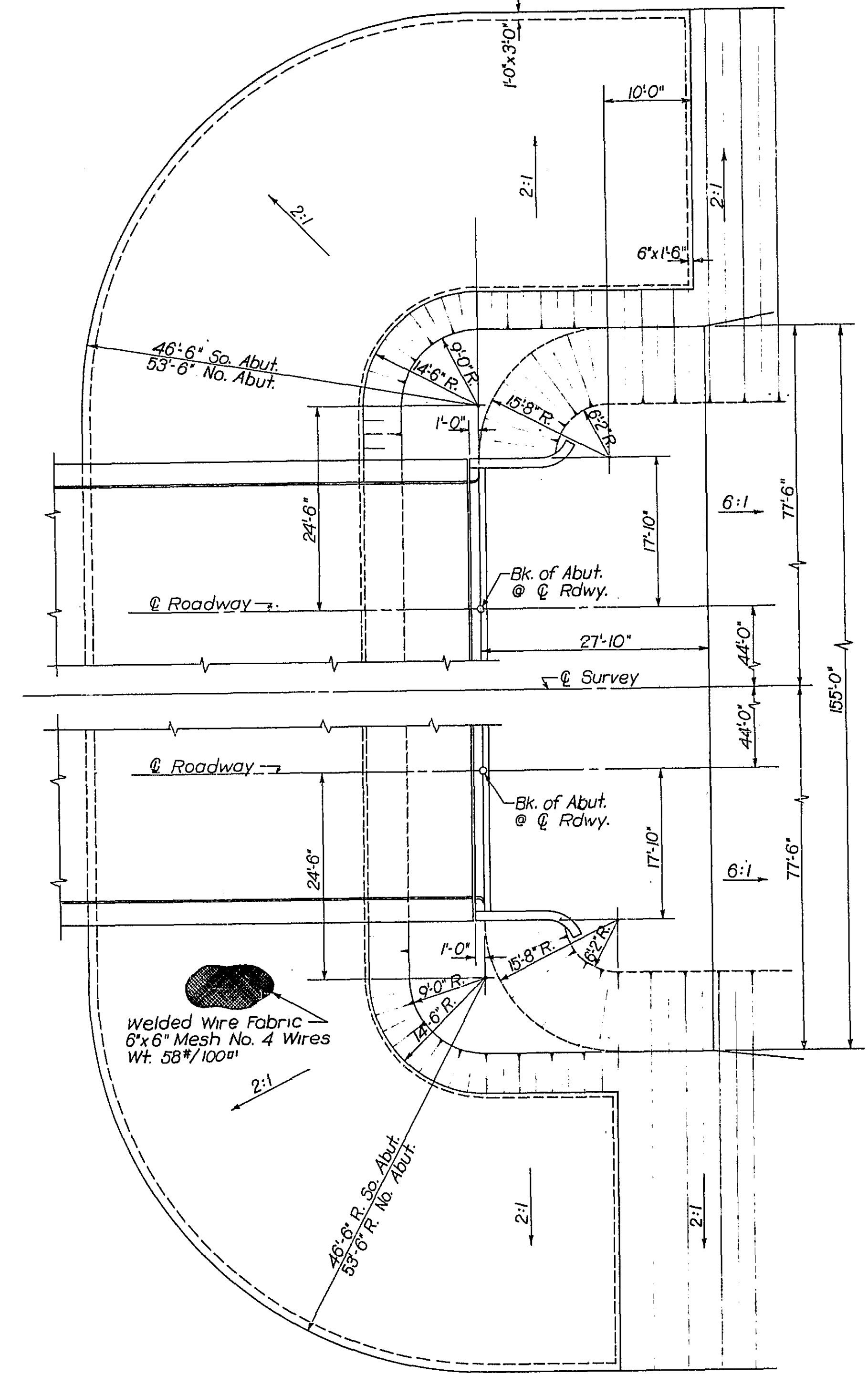
B-12A
44' Rt. Sta. 464+57



B-13
44' Rt. Sta. 466+22



B-14
44' Rt. Sta. 467+87



SLOPE WALL LAYOUT

EXCAVATION FOR SLOPEWALL

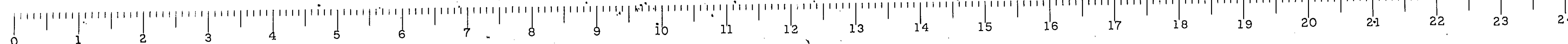
Class A Excavation for Structures	Cu Yds	80
Class B Excavation for Structures	Cu Yds	29

SLOPE WALL LAYOUT & BORINGS
F.A.I. ROUTE 55 OVER SANGAMON RIVER

F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

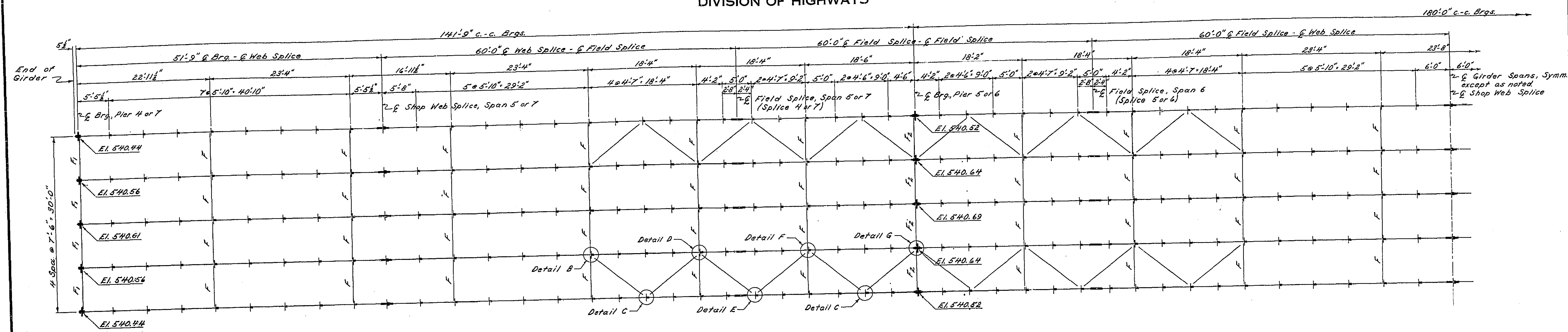
NOTE:
N indicates the number of blows required to drive a 1 1/8" ID, 2" OD split spoon sampler 12" by means of a 140# weight falling 30".
qu indicates the unconfined compressive strength of the soil in tons/sq. ft.

DESIGNED	V.F. Schulte	EXAMINED	SEPT 29 1958
CHECKED	R.D.C.	DRAWN	D.D.O.
DRAWN	D.D.O.	CHECKED	REO
CHECKED	REO	APPROVED	RL Bartelme



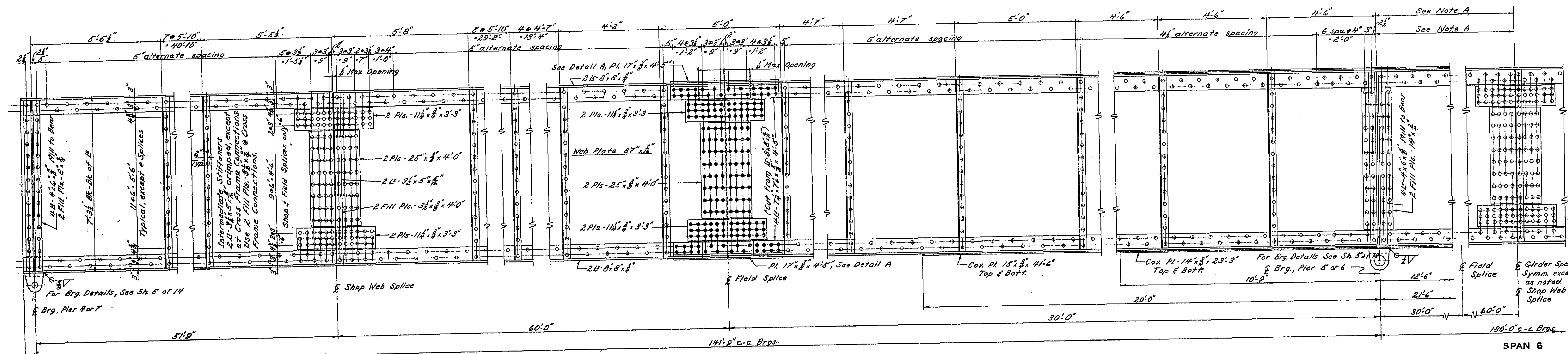
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55	84-2B	SANGAMON	37	9
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT		19	9

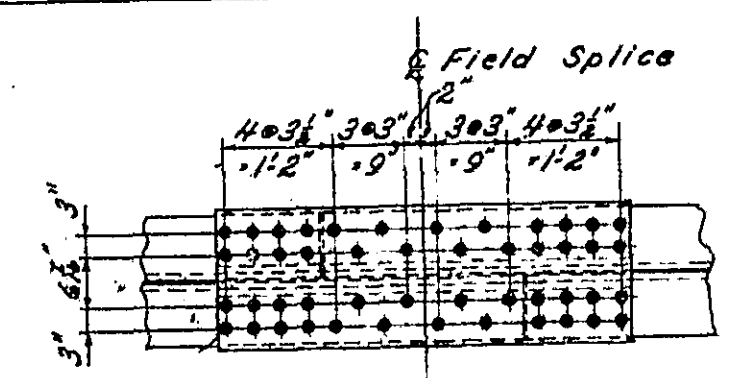


Elevations @ & Brgs. are measured at the back of the top flange angles.

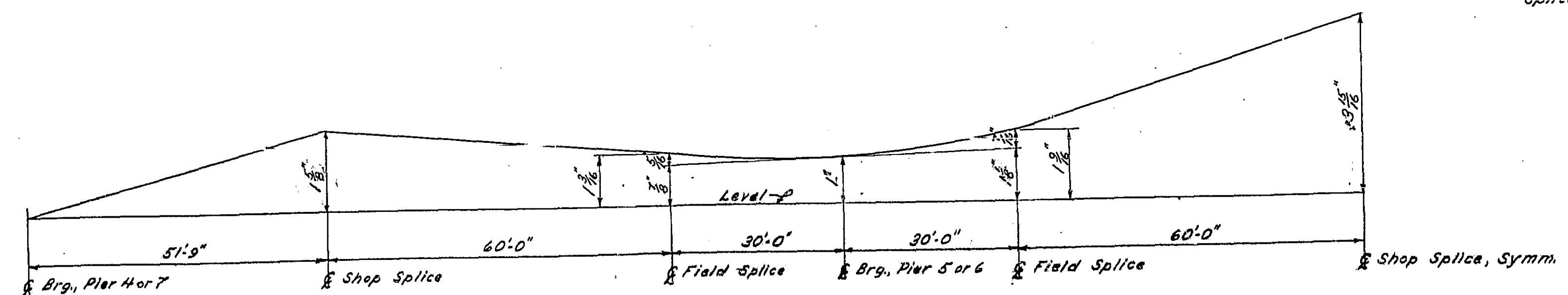
HALF PLAN-STRUCTURAL STEEL-GIRDER SPANS



SPAN 5 OR 7
ELEVATION



DETAIL A



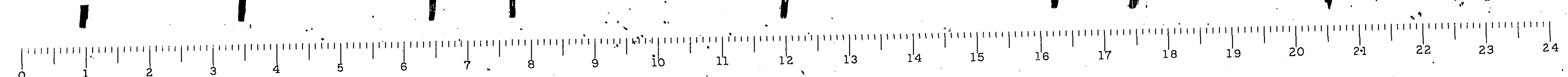
FABRICATION DIAGRAM
Based on Full D.L. Deflection

Note A:
Rivet spacing from & Shop Web Splice, Span 5 or 7, to & Shop Web Splice, Span 6, is Symm. about & Brg. Pier 5 or 6. Stiffener spacing is as shown in the Half Plan. Girders are Symm. about the & Shop Web Splice in Span 6, except for the Stiffener at this Splice.

Details B, C, D, E, F & G on sheet 5 of 14
Work this sheet with sheet 5 of 14
STRUCTURAL STEEL-GIRDERS
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

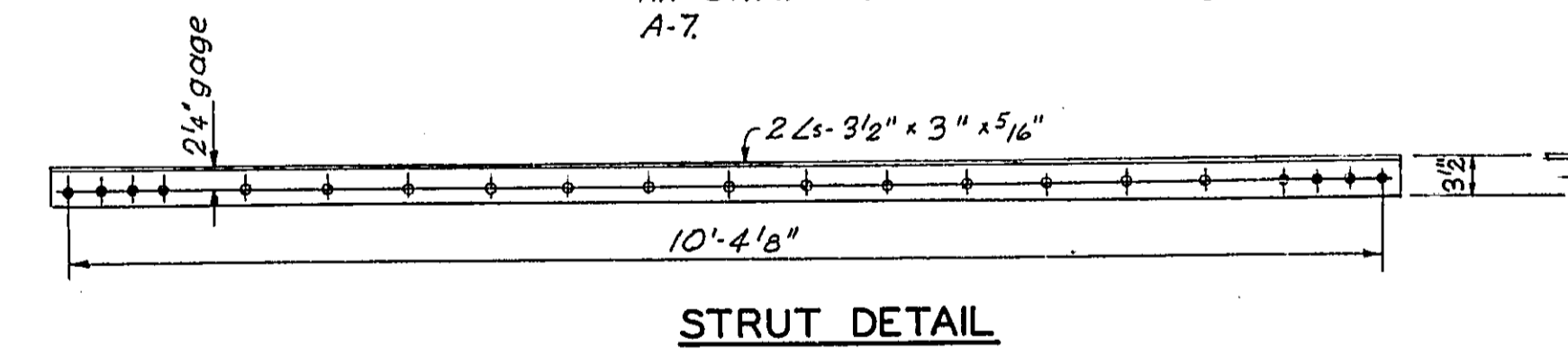
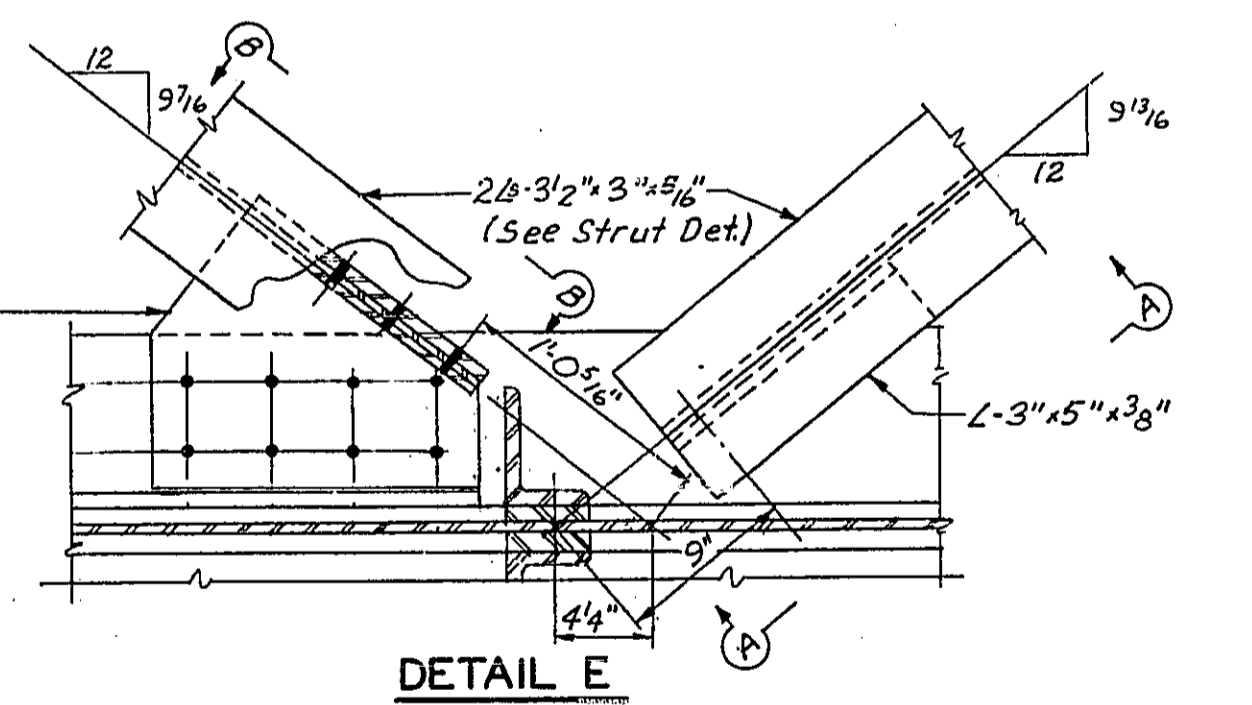
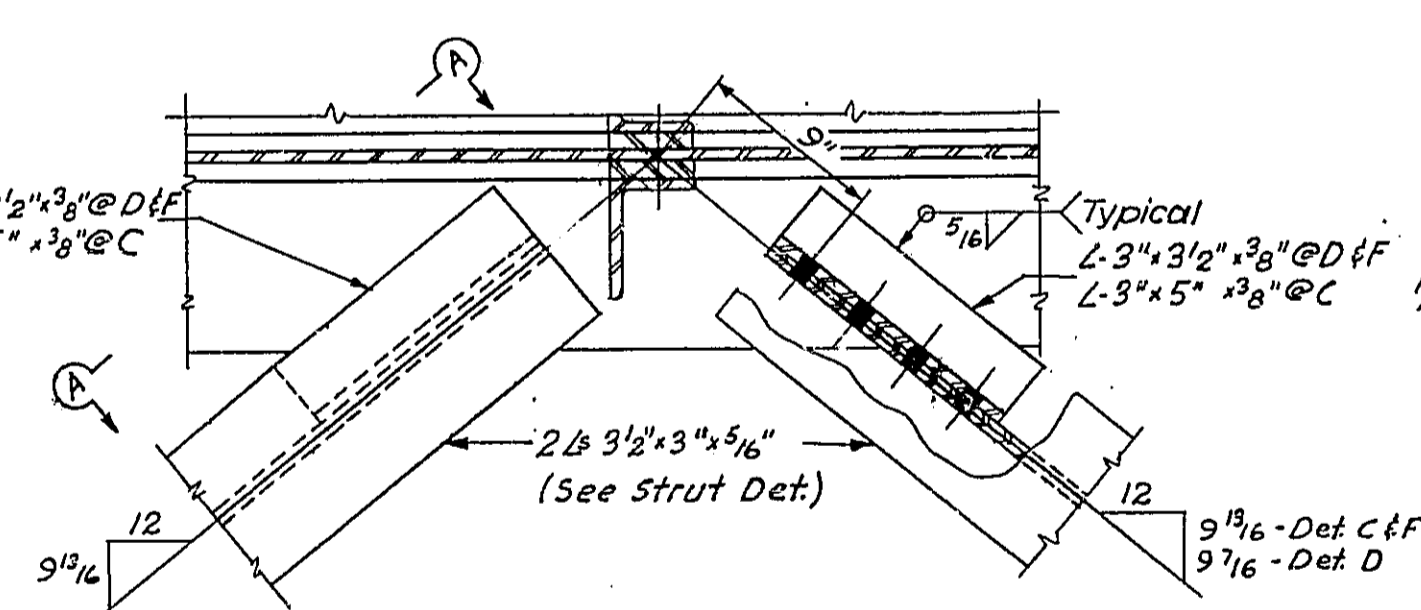
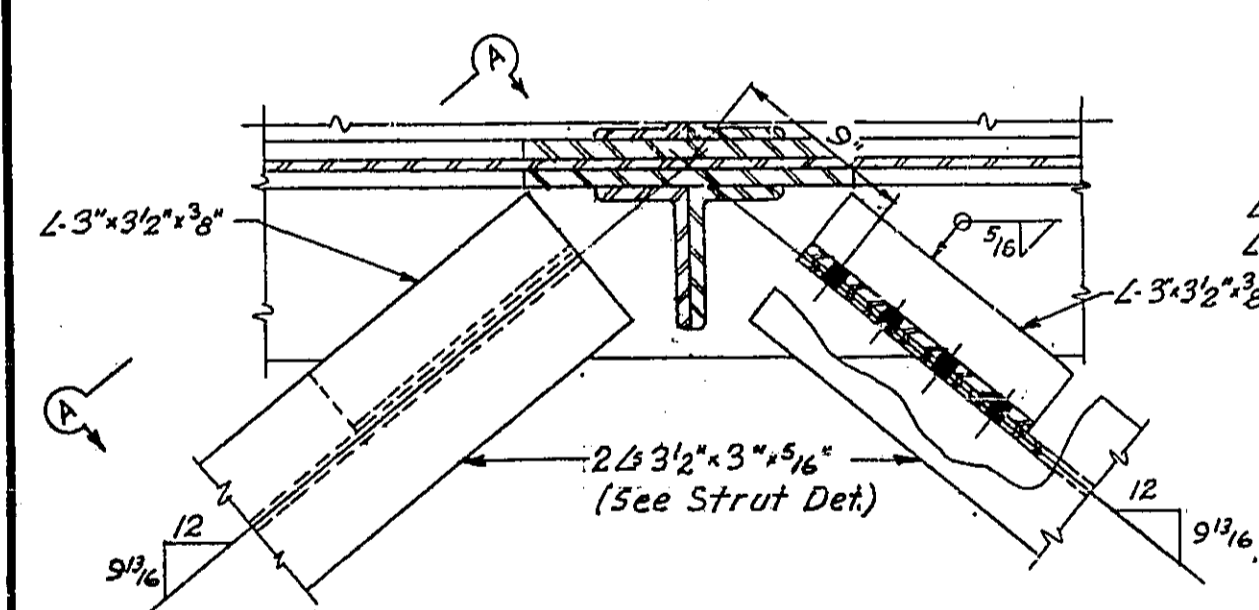
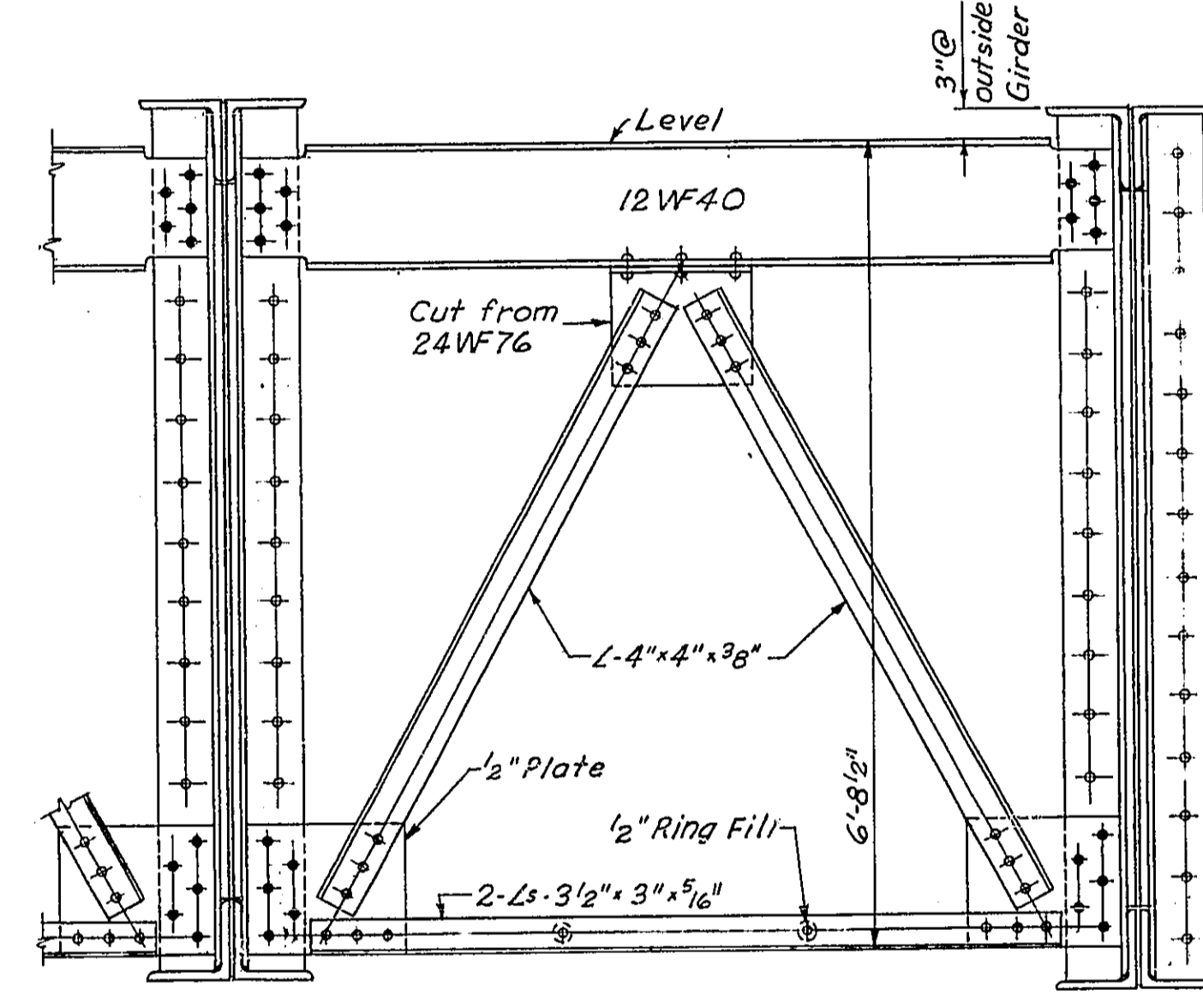
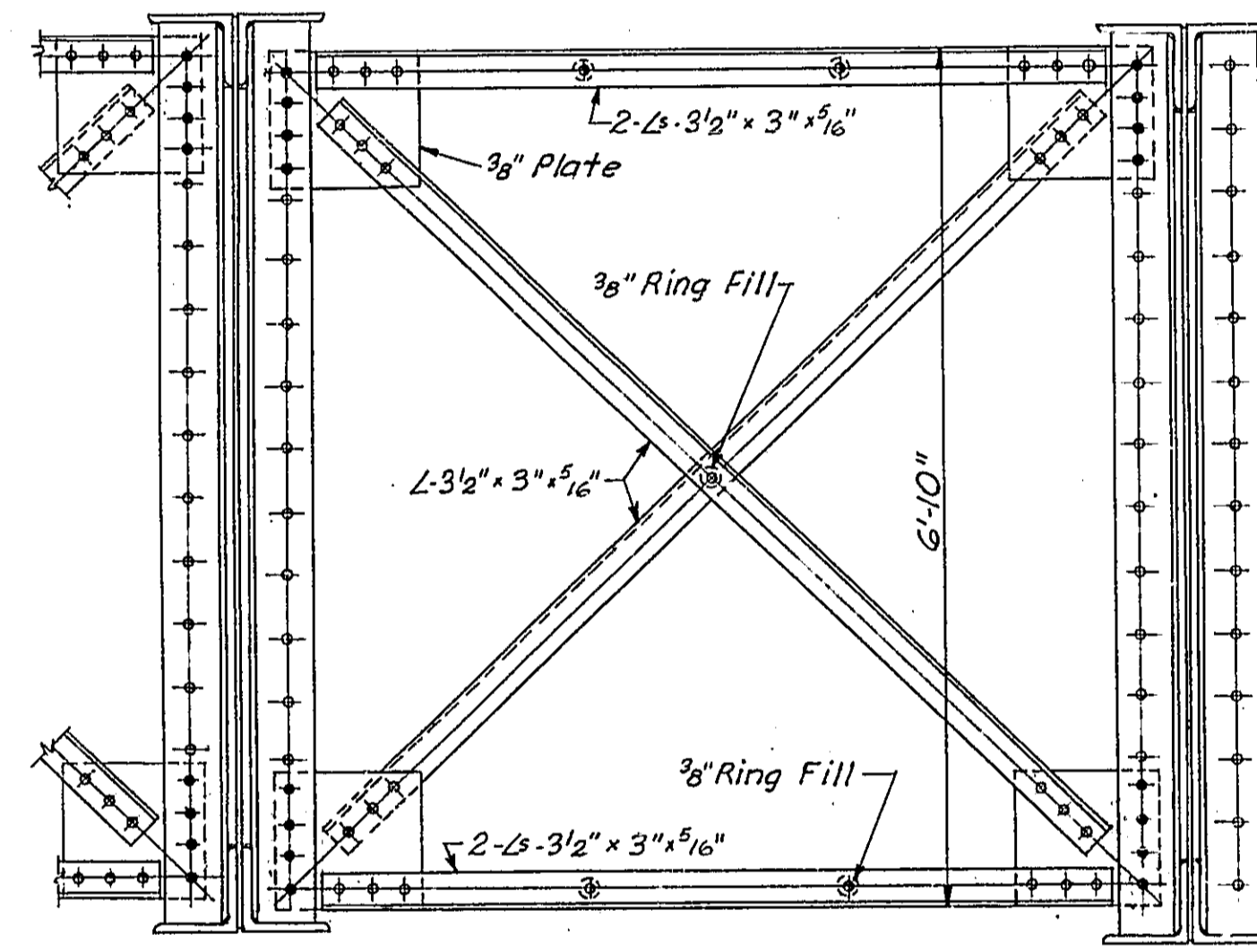
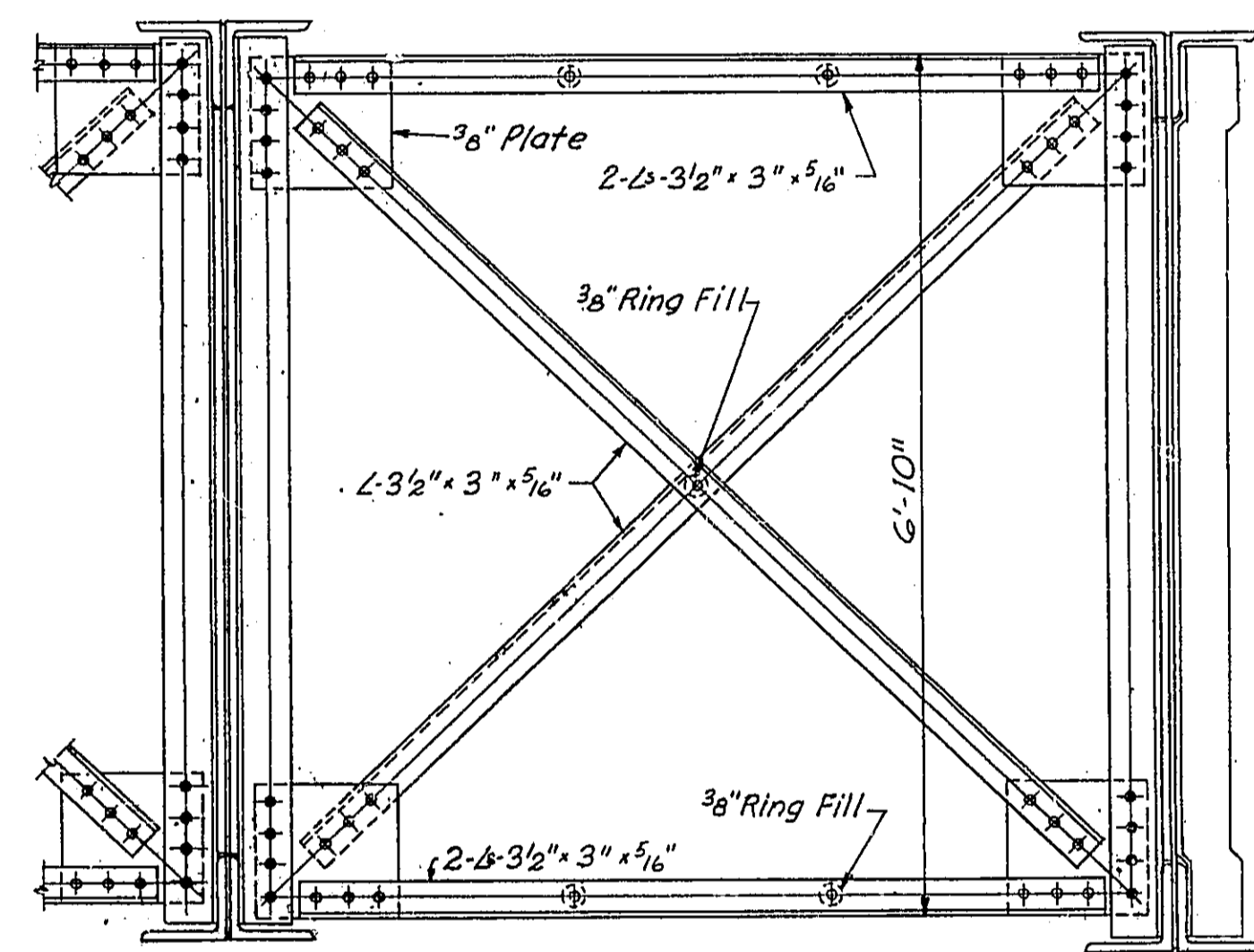
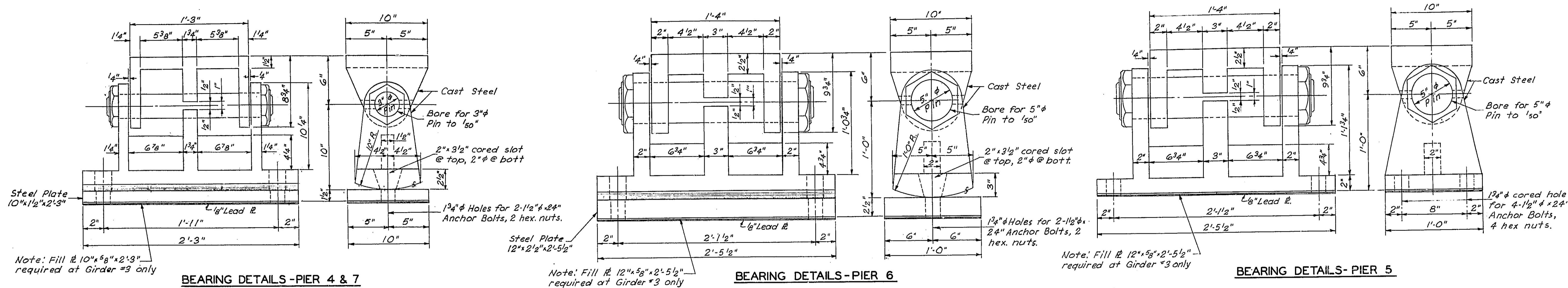
DESIGNED	V.F. Schulte	EXAMINED	SEPT. 29 1958 M. Romine ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
CHECKED	R.D.C.	DRAWN	R.D.C.
DRAWN	R.D.C.	APPROVED	R.R. Cate CHIEF HIGHWAY ENGINEER
CHECKED	V.F.S.		

Revised-Hanson Collins & Price 10/14/53



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

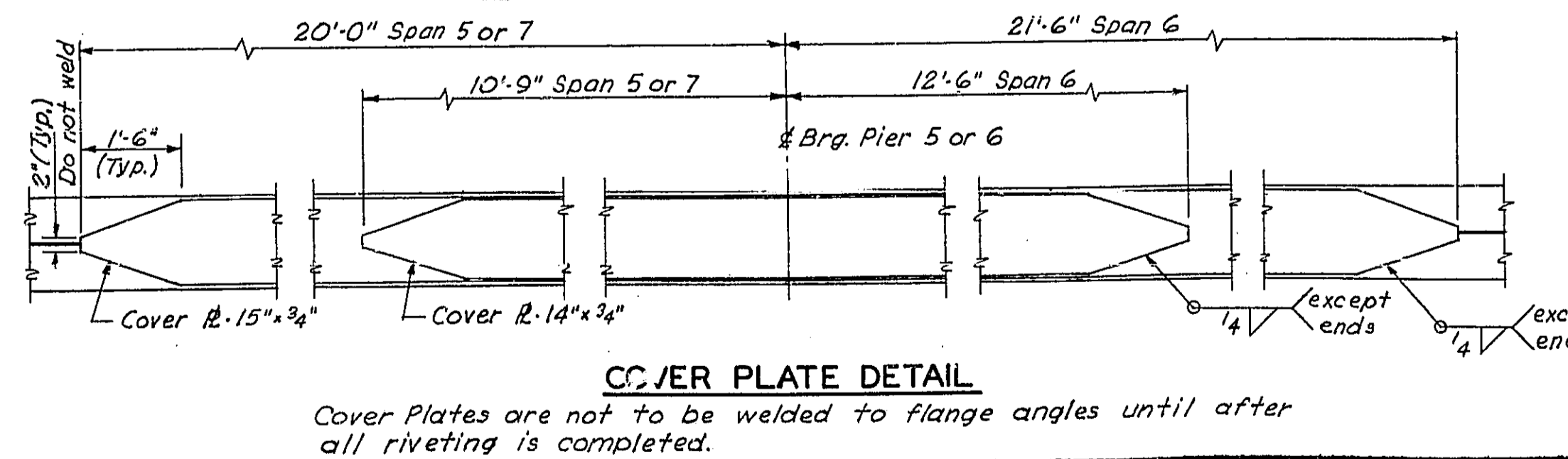
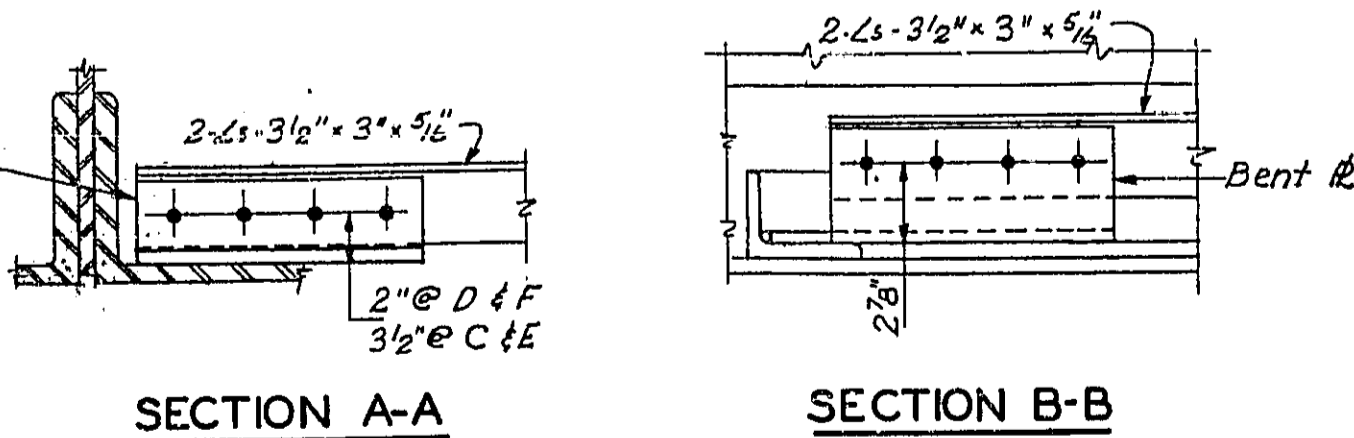
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-55	84-2B	SANGAMON	51	10
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT		19	10



Note: The Structural Steel for all cover plates and the sections to which they are welded, shall conform to the Specifications for Steel for Bridges and Buildings, A.S.T.M. Designation A-373. All other Structural Steel may conform to A.S.T.M. Designation A-7.

DESIGNED	W.F. Schulte	EXAMINED	Mr. Romine
CHECKED	R.D.C.	PASSED	Chief Highway Engineer
DRAWN	T.E.B.	APPROVED	Chief Highway Engineer
CHECKED	R.D.C.		

SEPT. 29 1958



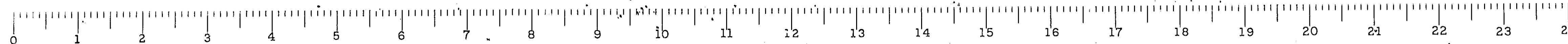
Work this sheet with sheet 4 of 14

STRUCTURAL STEEL-GIRDER DETAILS
F.A.I. ROUTE 55 OVER SANGAMON RIVER

F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

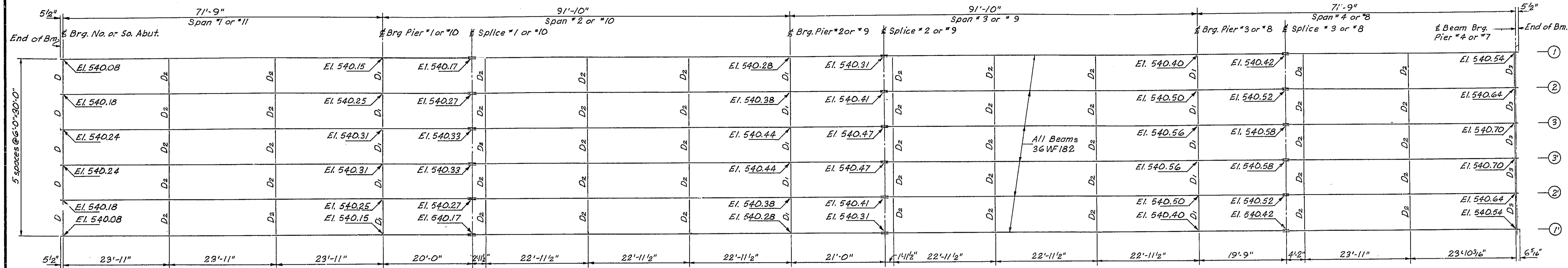
SHEET 5 OF 14

Revised-Hanson Collins & Rice 10/14/58



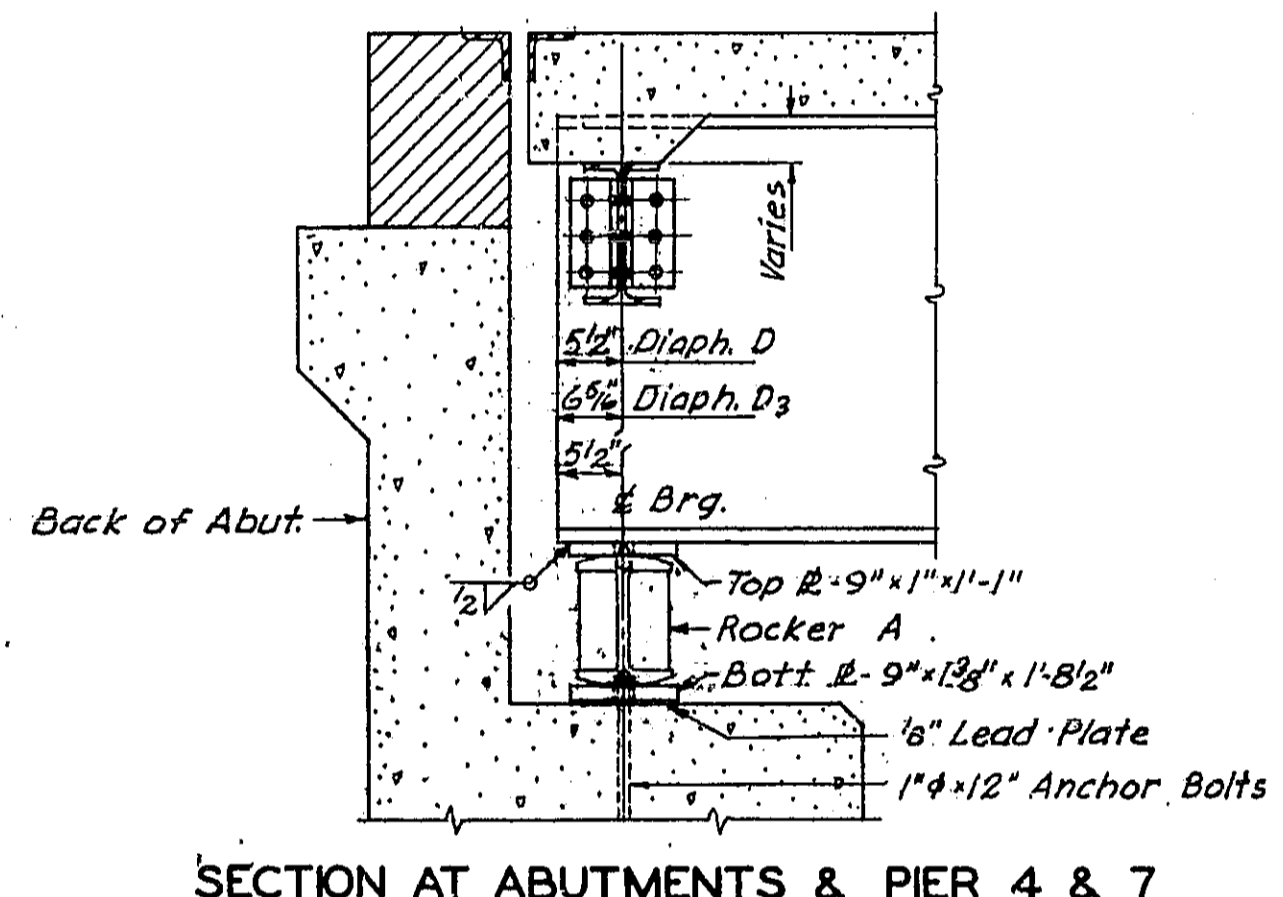
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 55	84-2B	SANGAMON	37	11
	84-2F		19	11
ILLINOIS PROJECT				



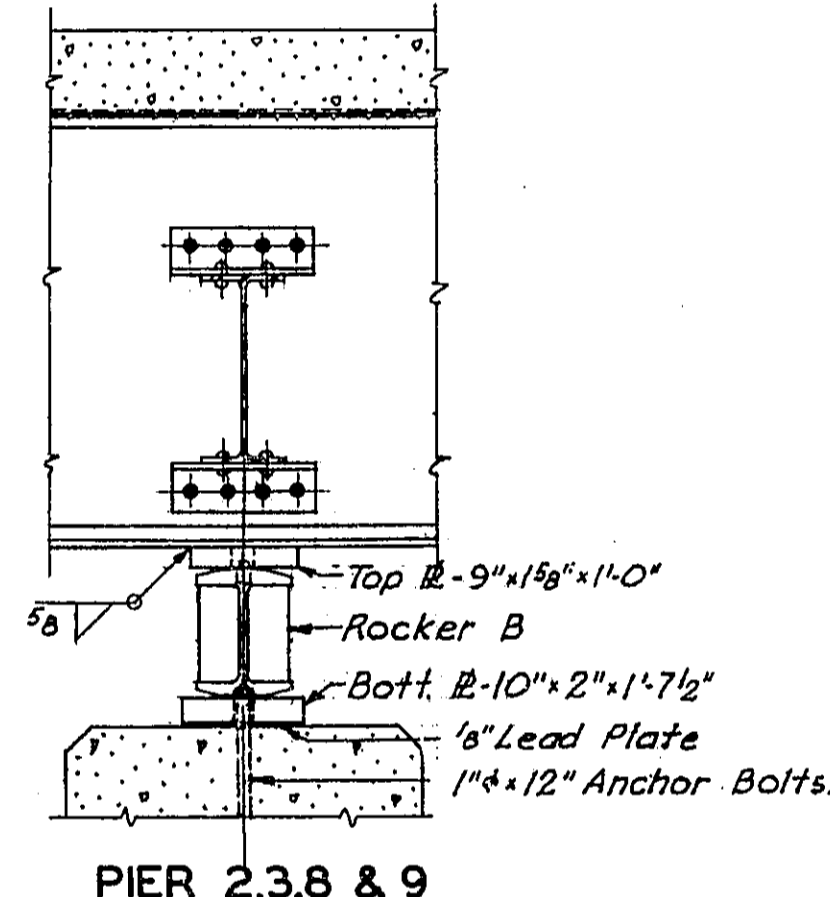
PLAN-STRUCTURAL STEEL-BEAM SPANS

NOTE: All Elevations shown above are to top of Beam at # Brg. or # Splice.

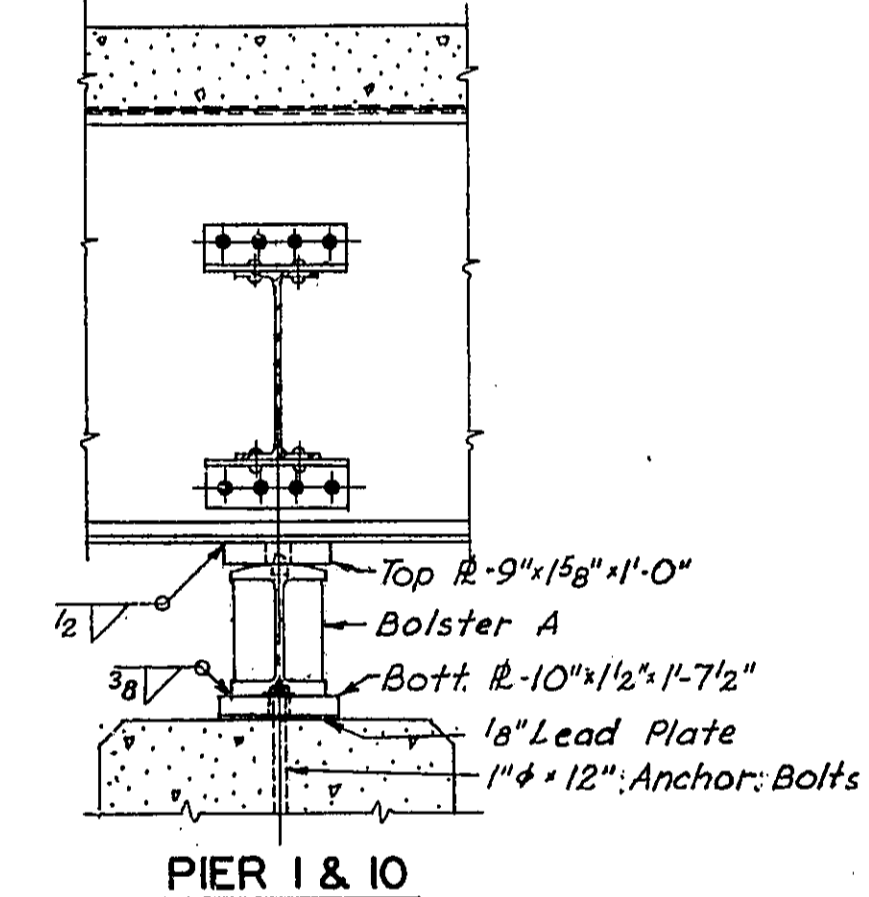


SECTION AT ABUTMENTS & PIER 4 & 7

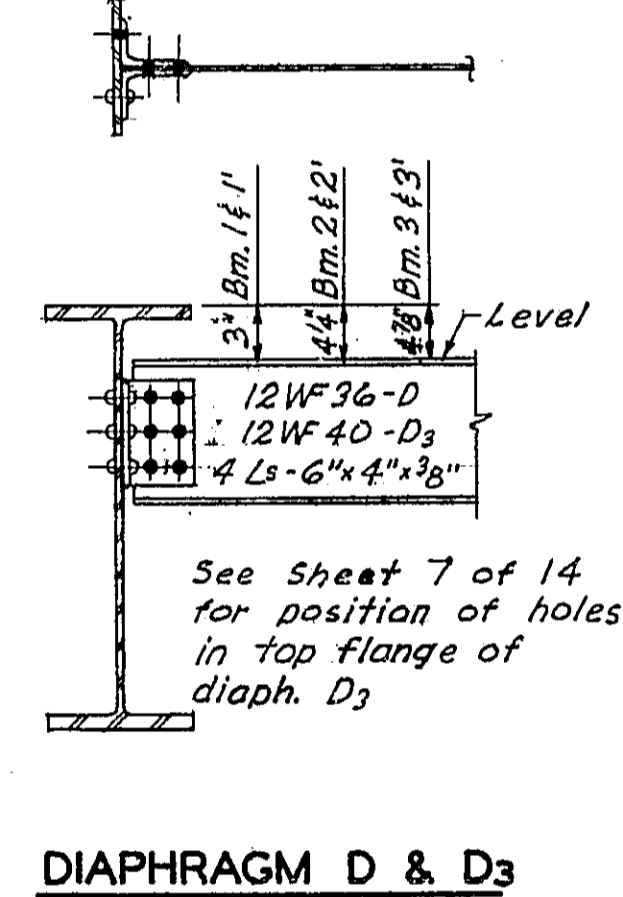
Section @ Abut. shown. Same Beam Brg. Detail @ Pier 4 & 7



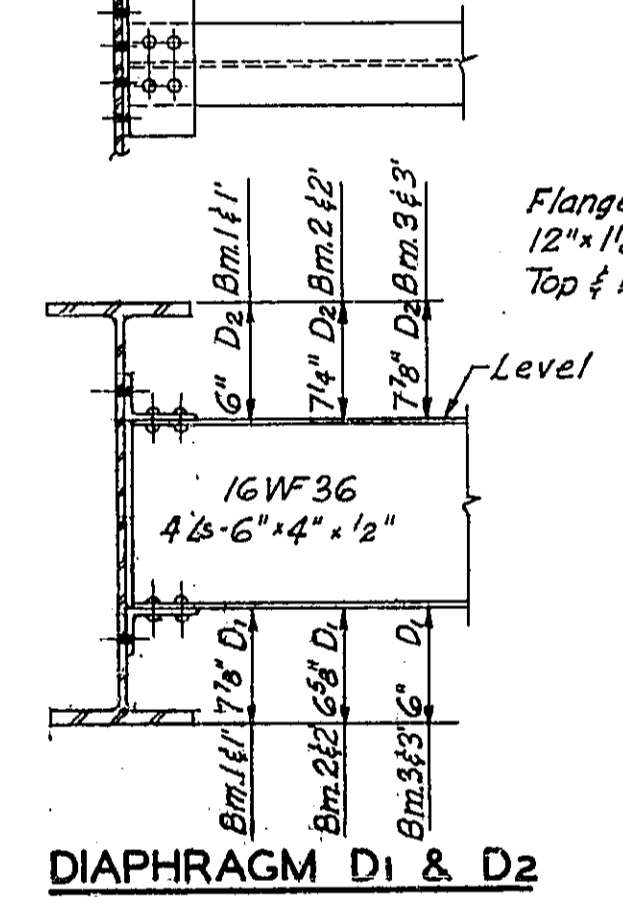
PIER 2, 3, 8 & 9



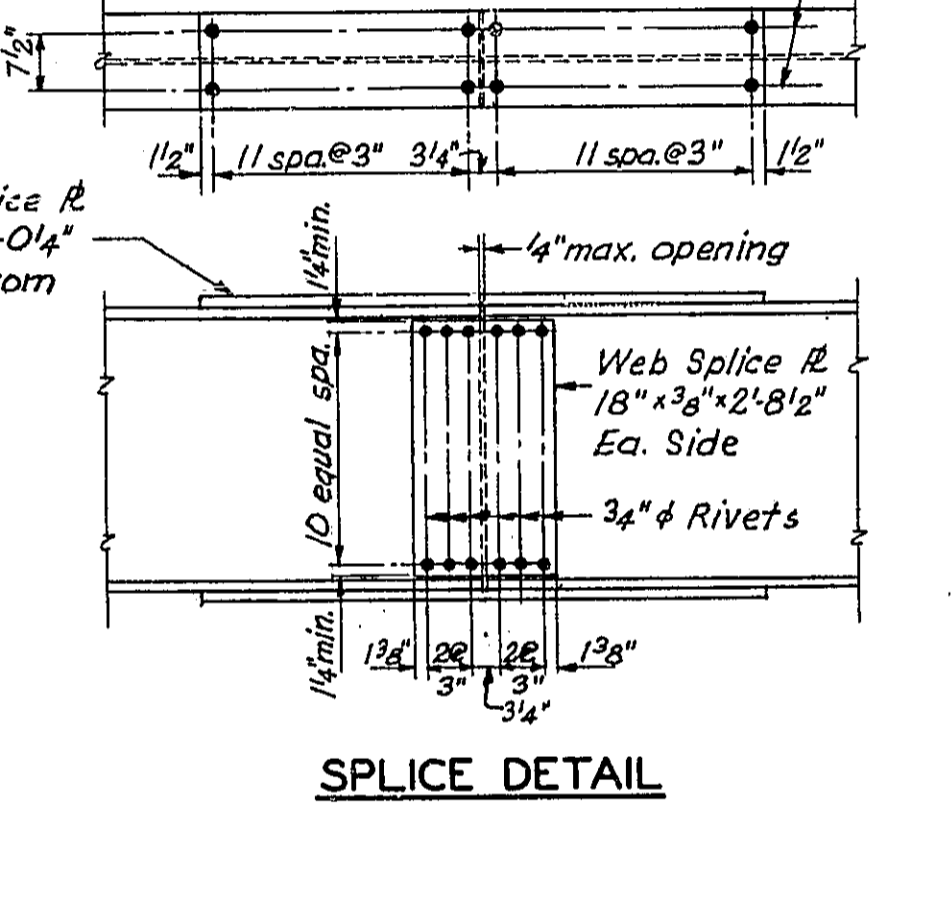
PIER 1 & 10



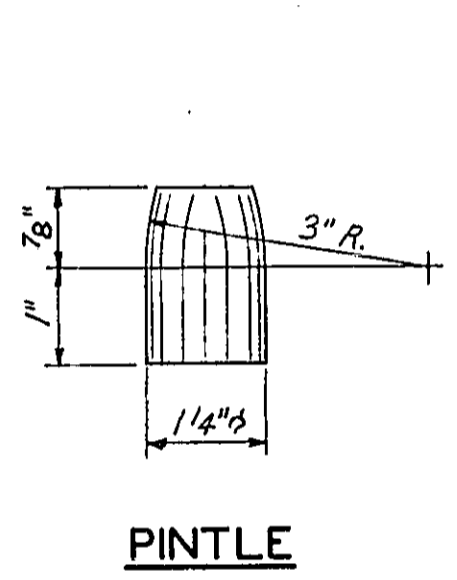
DIAPHRAGM D & D3



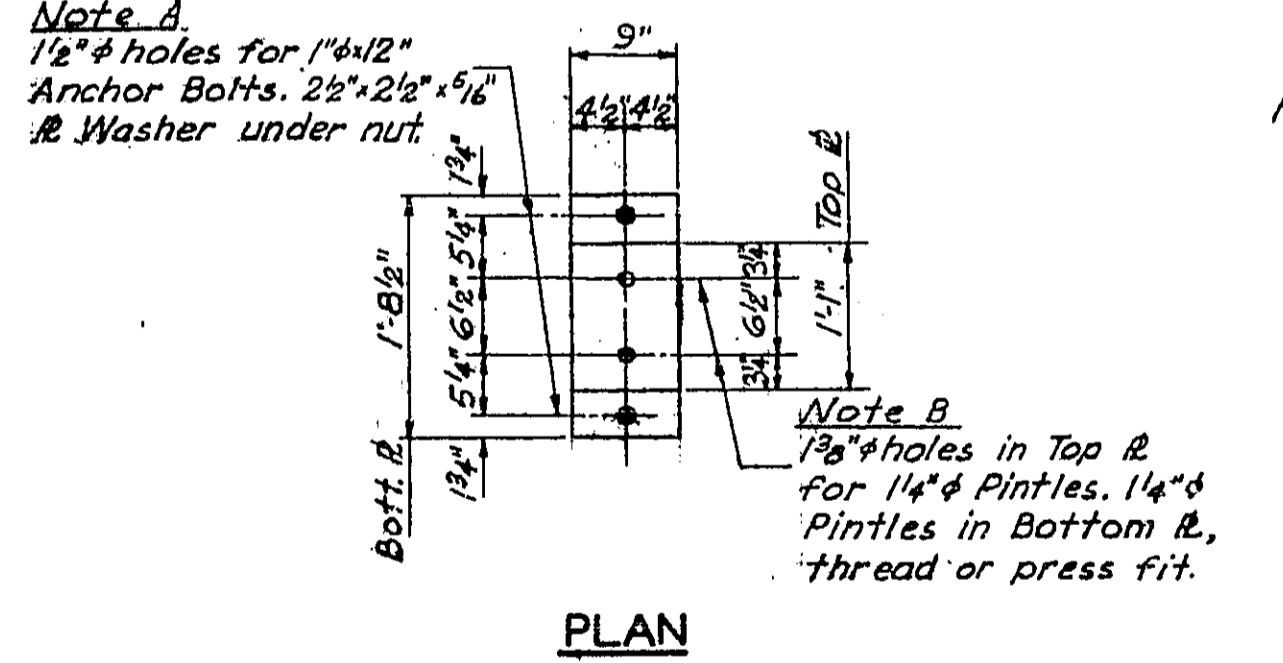
DIAPHRAGM D1 & D2



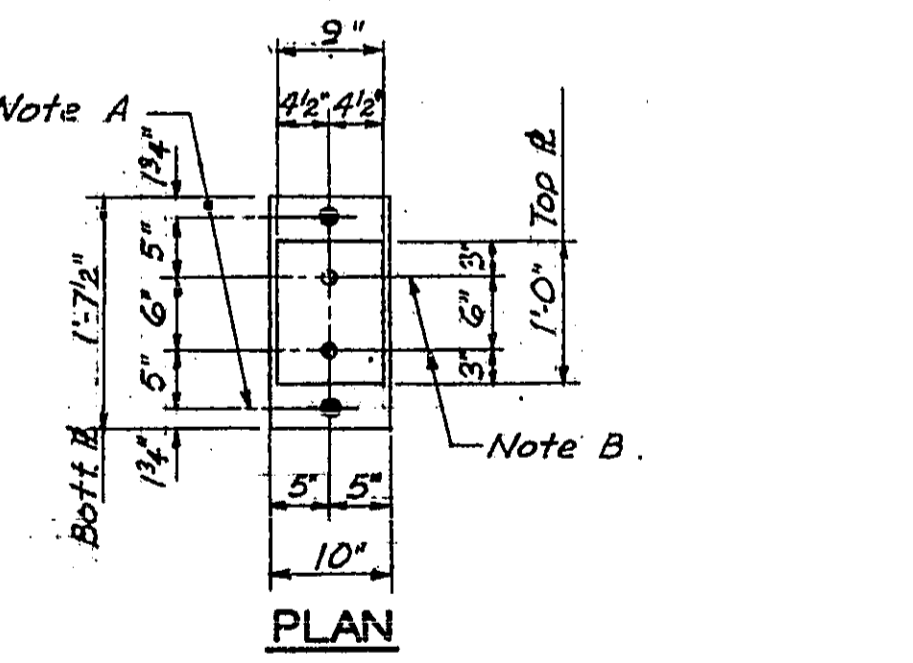
SPlice DETAIL



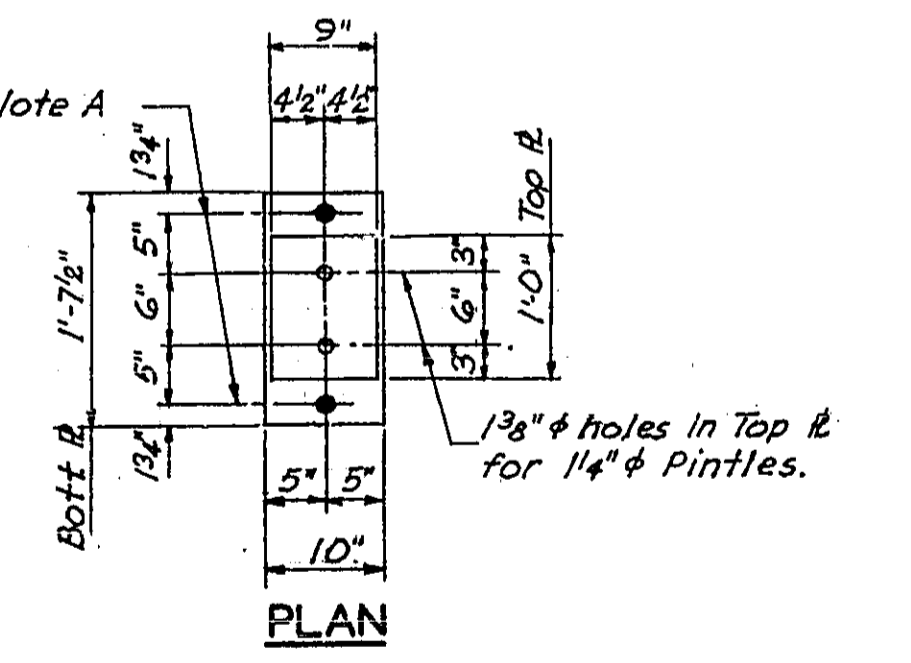
PINTLE



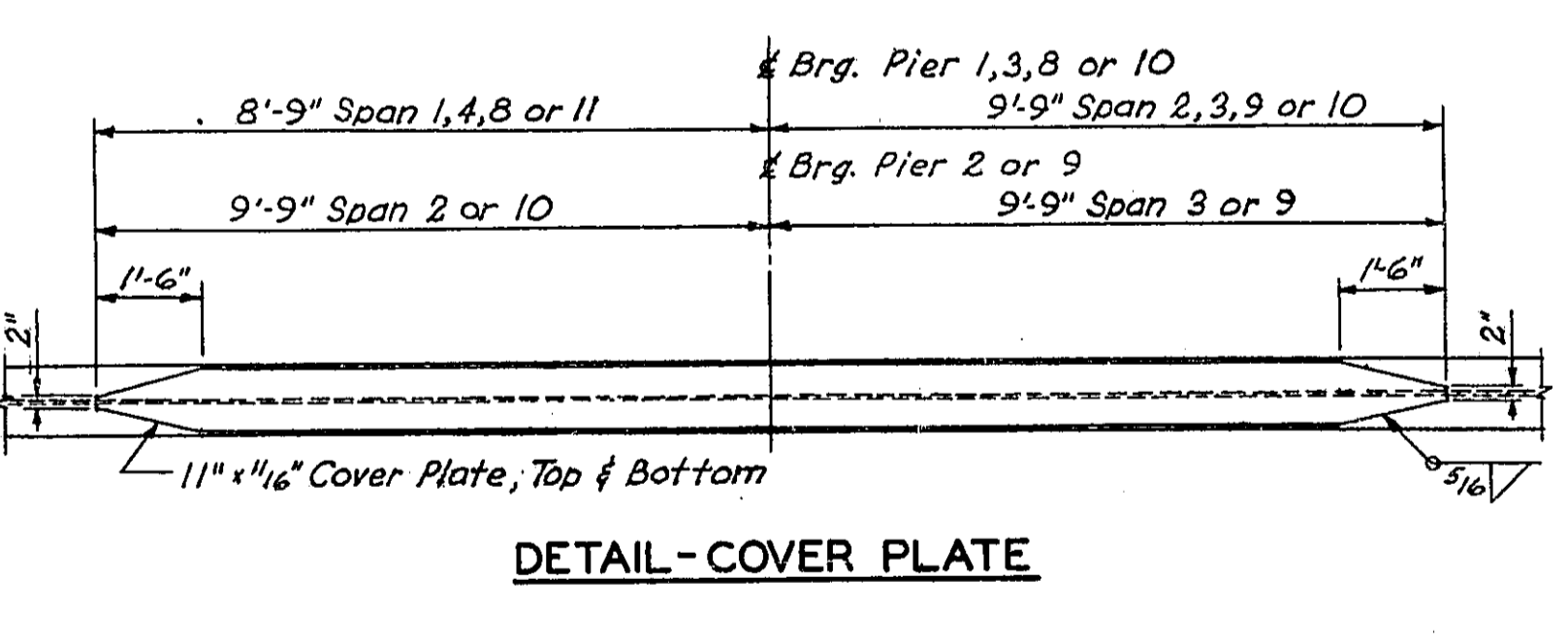
PLAN



PLAN



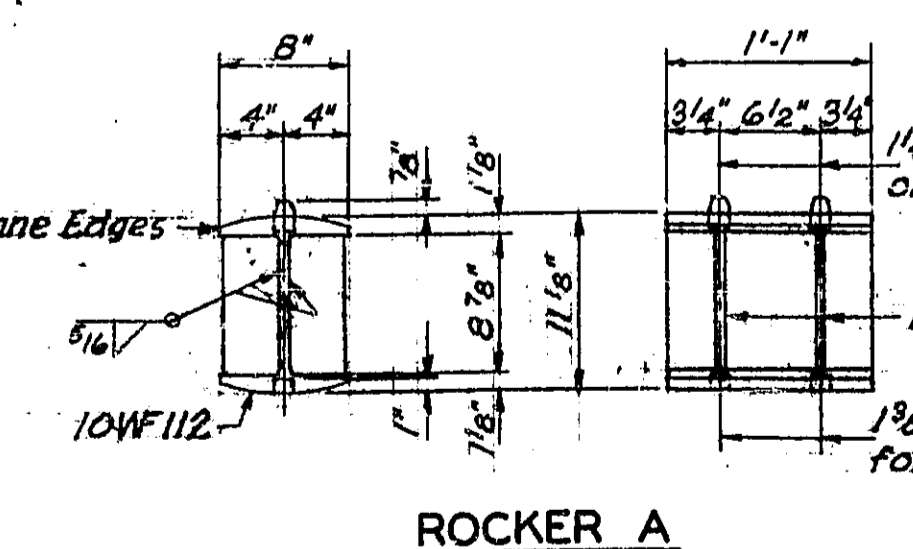
PLAN



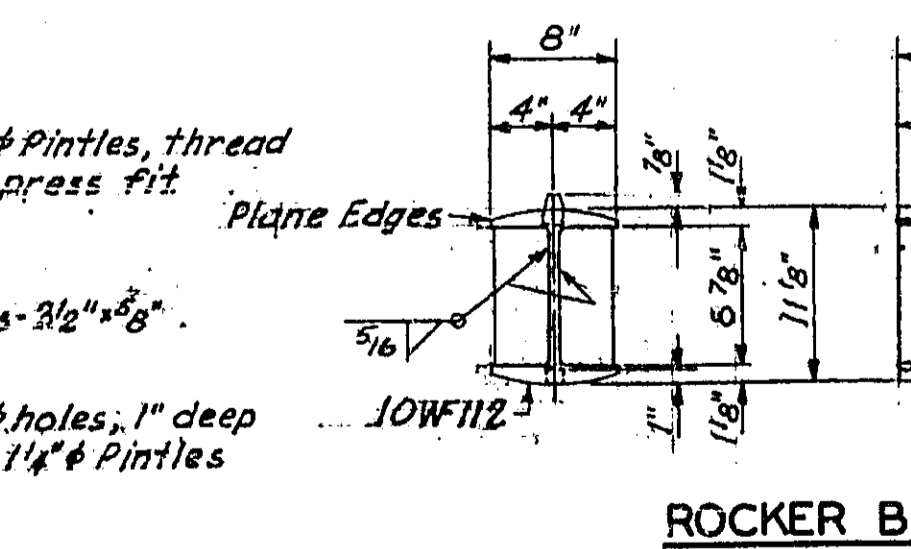
DETAIL-COVER PLATE

Note: The Structural Steel for all cover plates and the WF sections to which they are welded, shall conform to the Specifications for Steel for Bridges and Buildings, A.S.T.M. Designation: A-373. All other Structural Steel may conform to A.S.T.M. Designation: A-7.

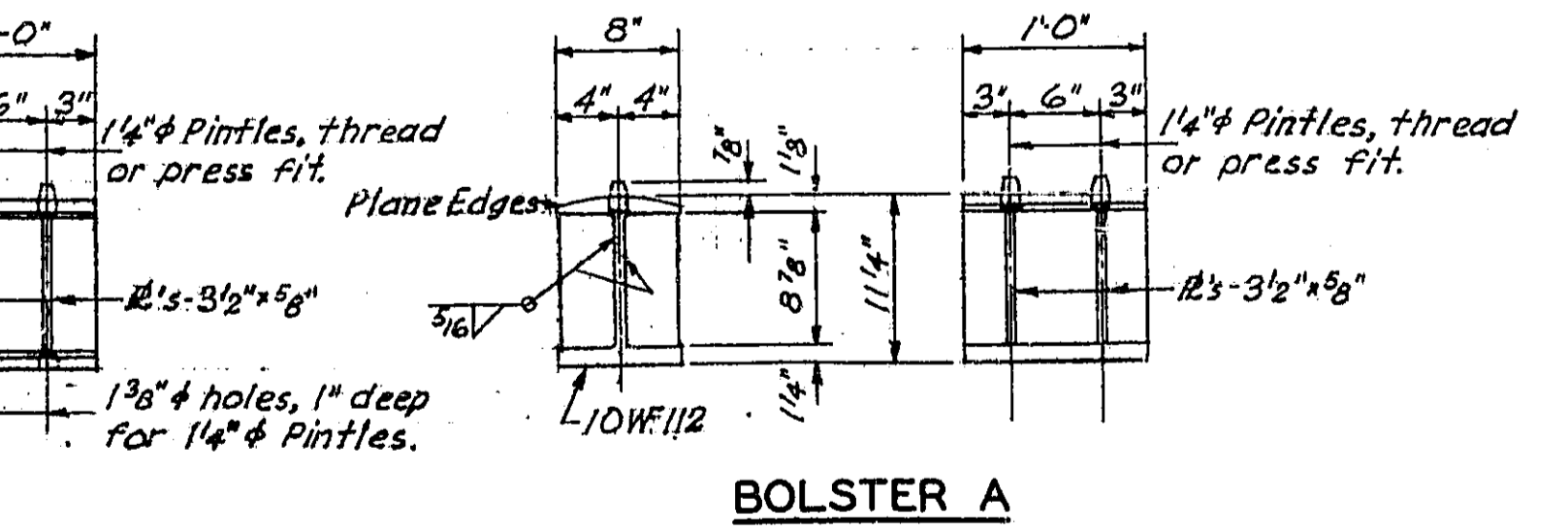
DESIGNED	V.F. Schulte	EXAMINED	SEPT. 29 1938
CHECKED	R.D.C.	APPROVED	[Signature]
DRAWN	T.E.B.	APPROVED	[Signature]
CHECKED	R.D.C.		



ROCKER A



ROCKER B



BOLSTER A

STRUCTURAL STEEL-BEAMS
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-55	84-28	SANGAMON	24	12
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT		19	12

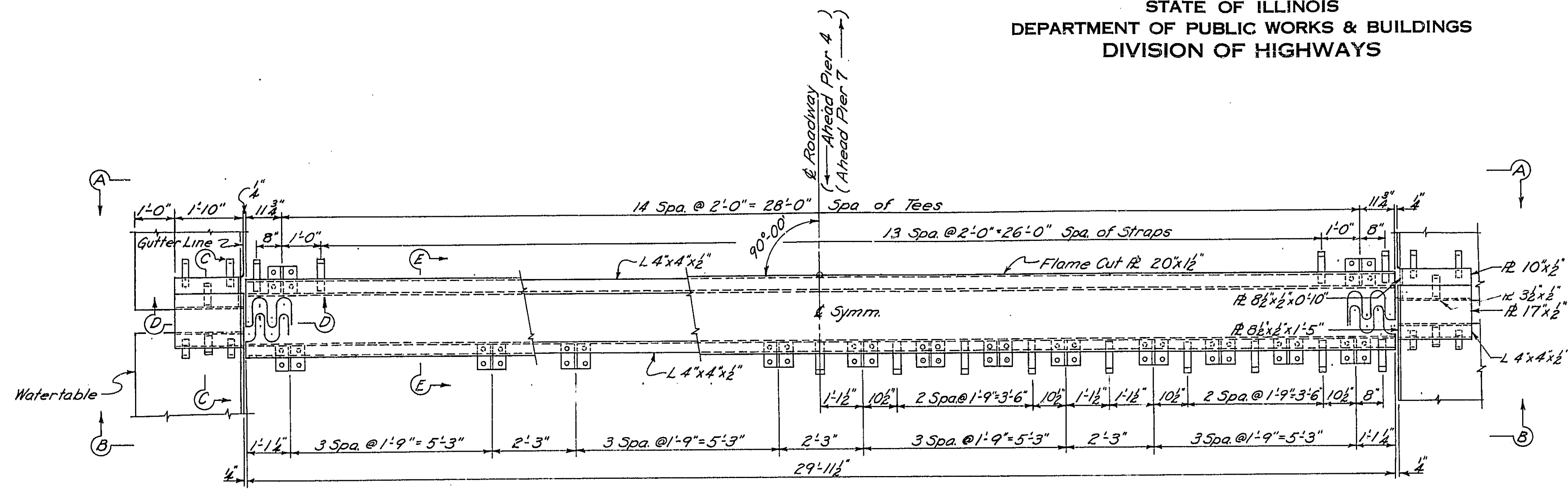
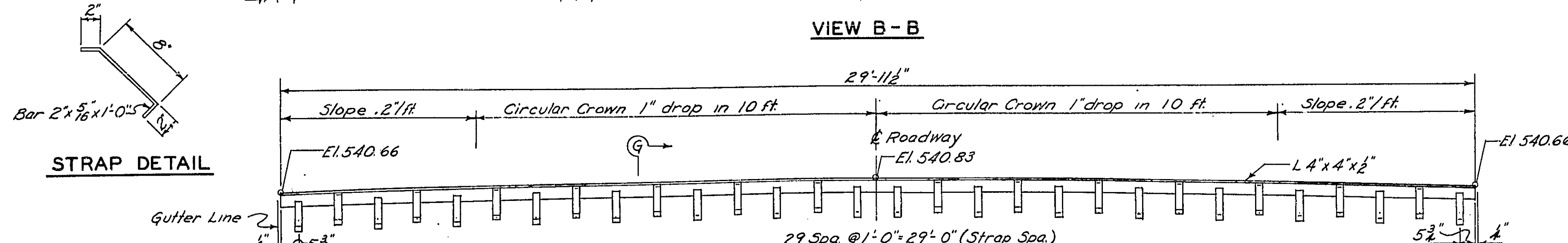
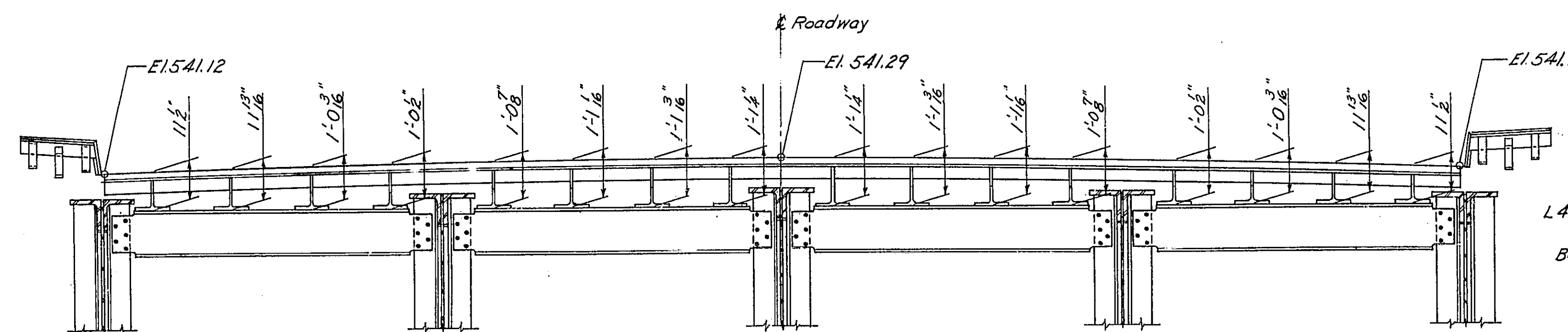
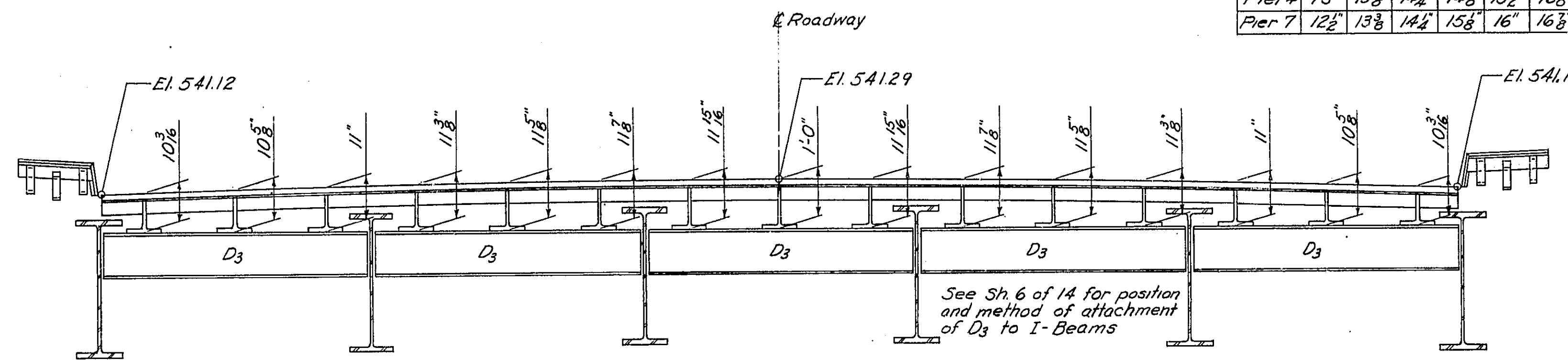
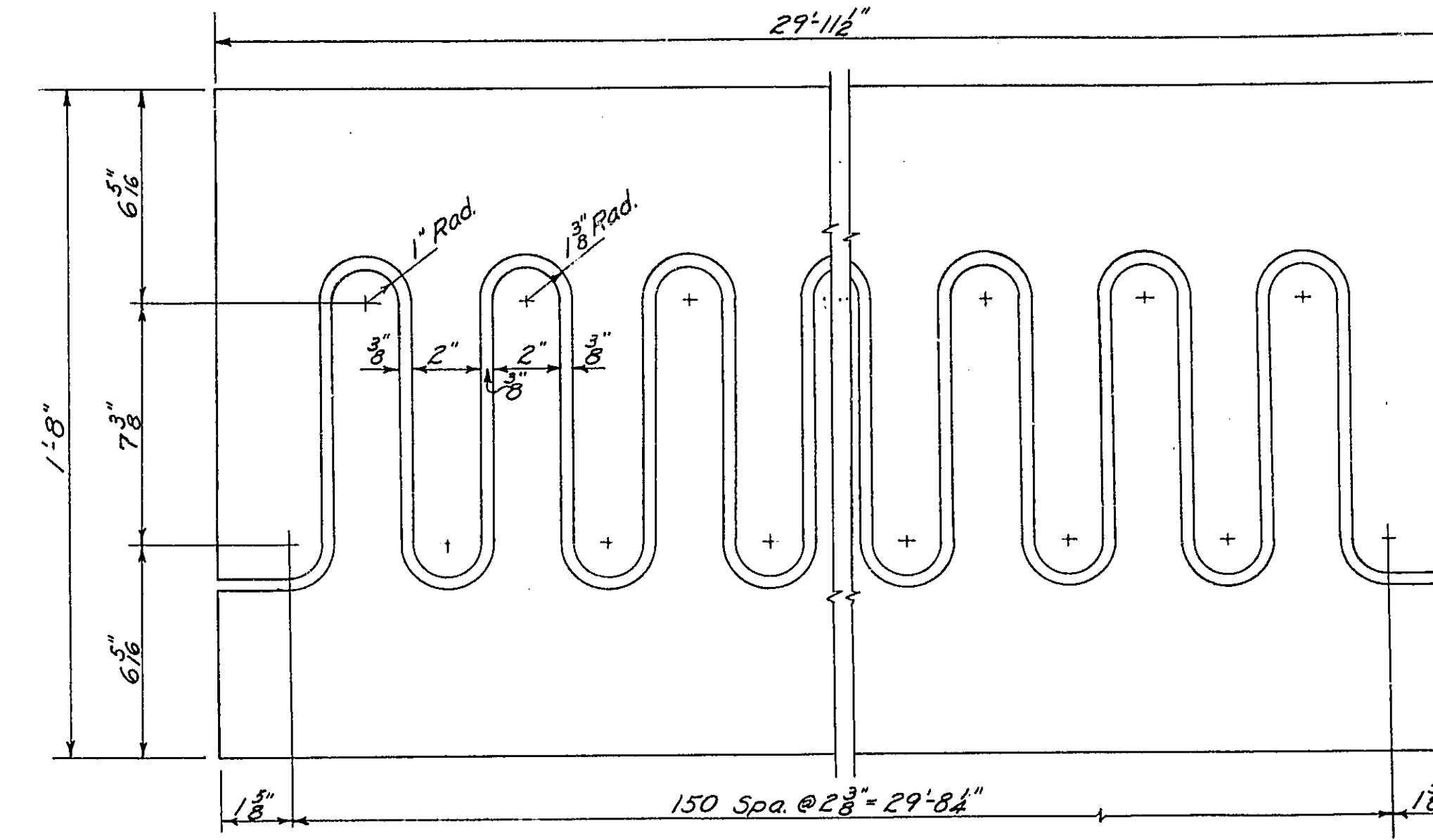


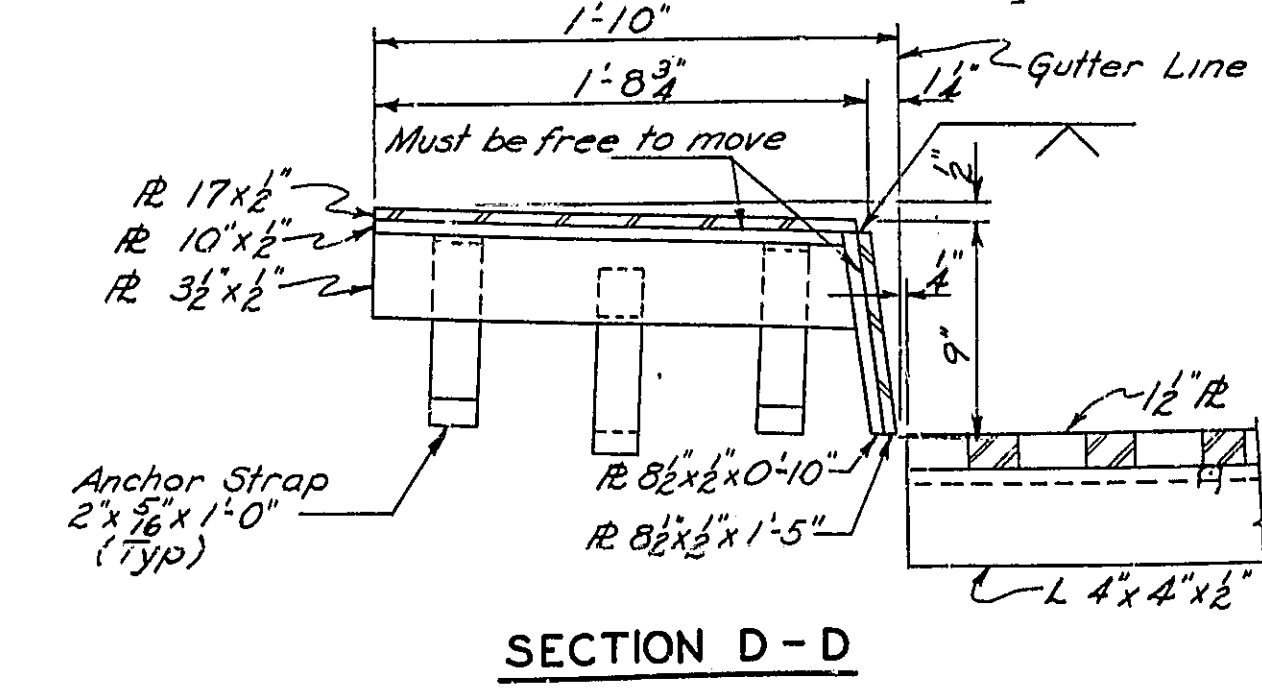
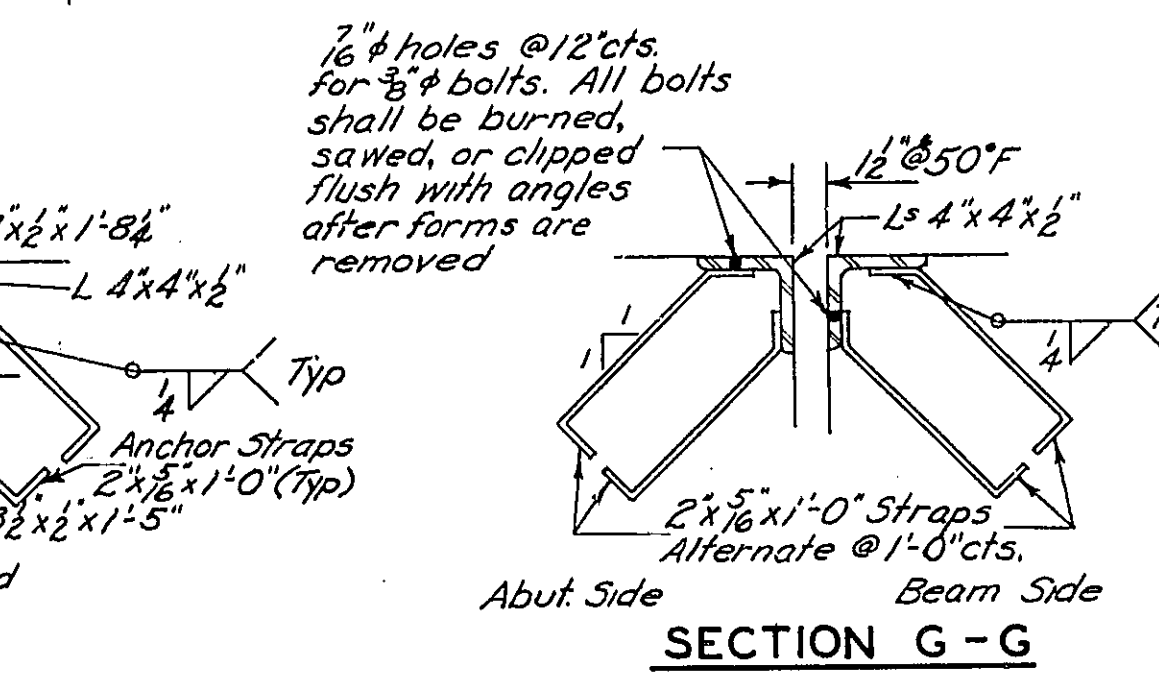
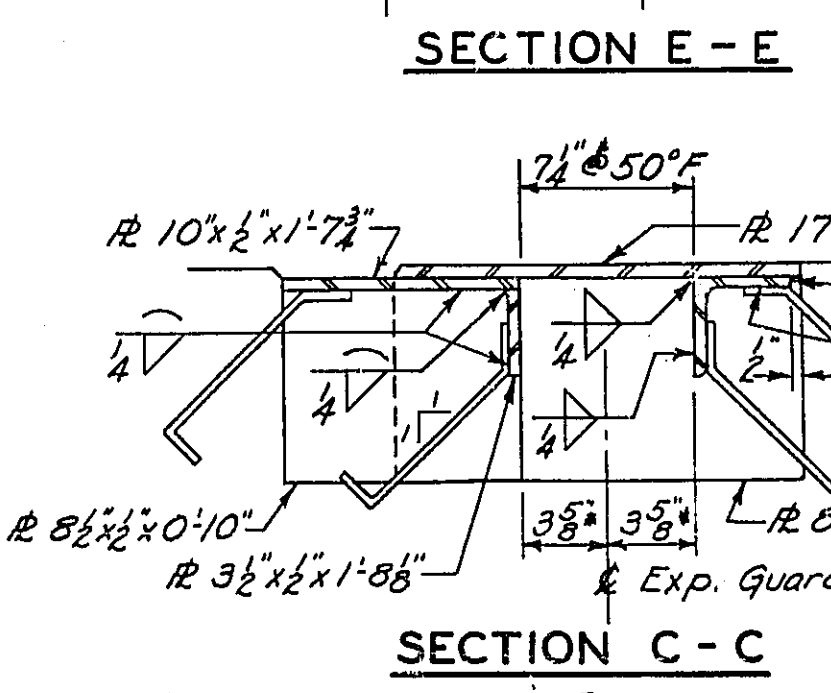
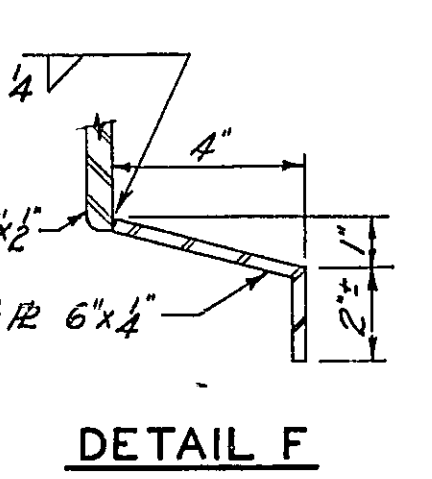
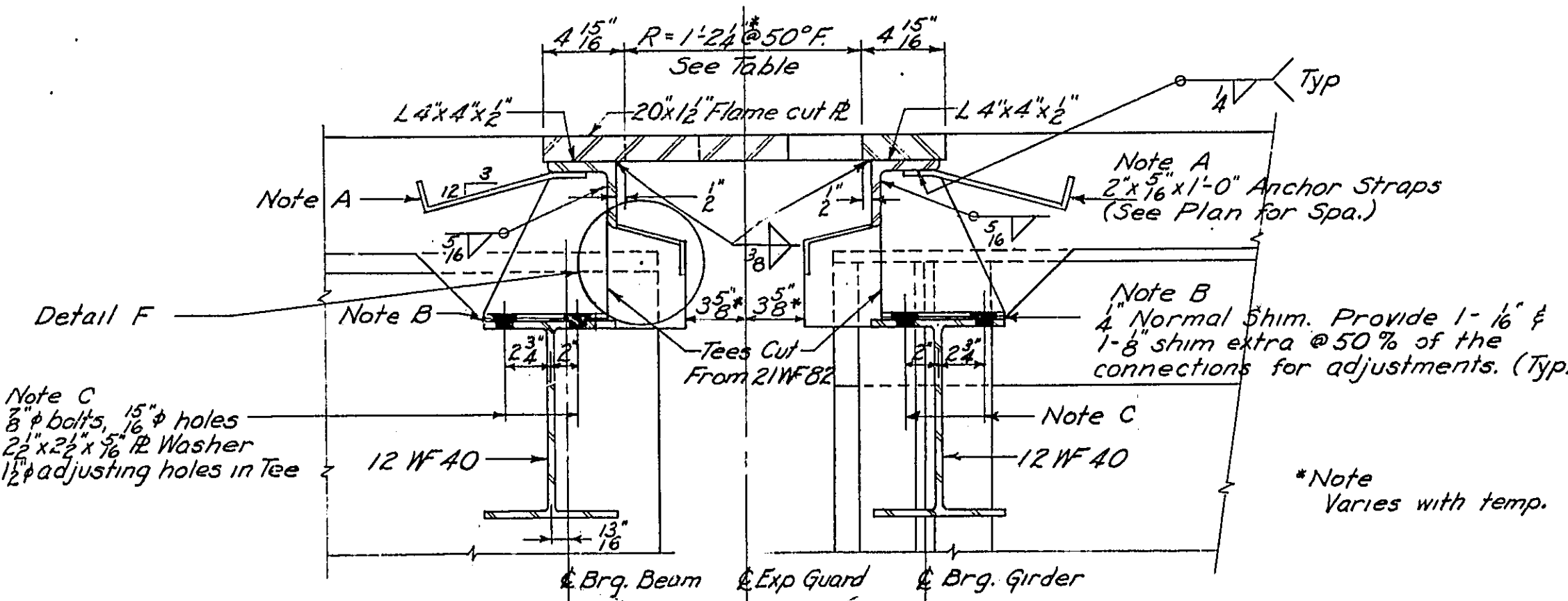
TABLE OF R DIMENSIONS

Pier Temp	70°	30°	50°	70°	90°	110°
Pier 4	13	13 1/2	14 1/2	14 3/4	15 1/2	16 1/2
Pier 7	12 1/2	13 1/2	14 1/2	15 1/2	16	16 1/2



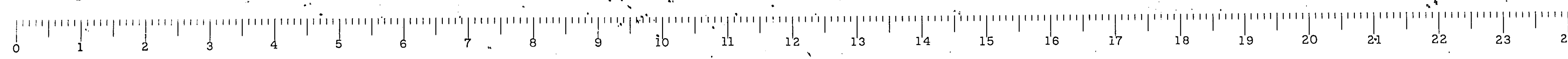
DESIGNED V.F. Schulte
CHECKED R.D.C.
DRAWN V.F.S.
CHECKED R.D.C.

EXAMINED [Signature]
PASSED [Signature]
APPROVED [Signature]
SEPT. 29 1958



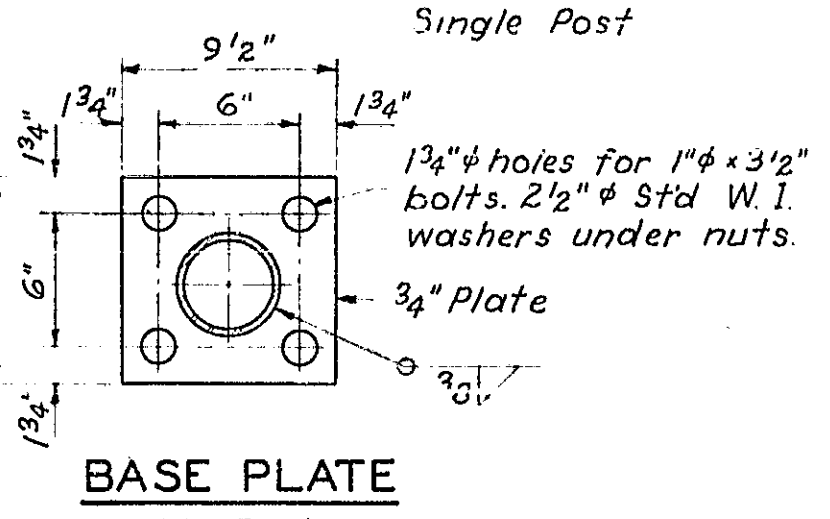
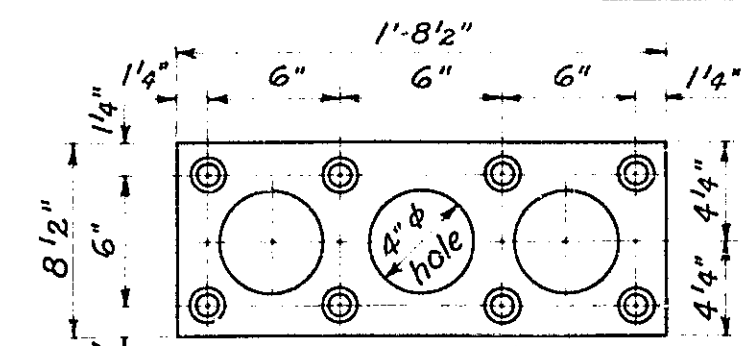
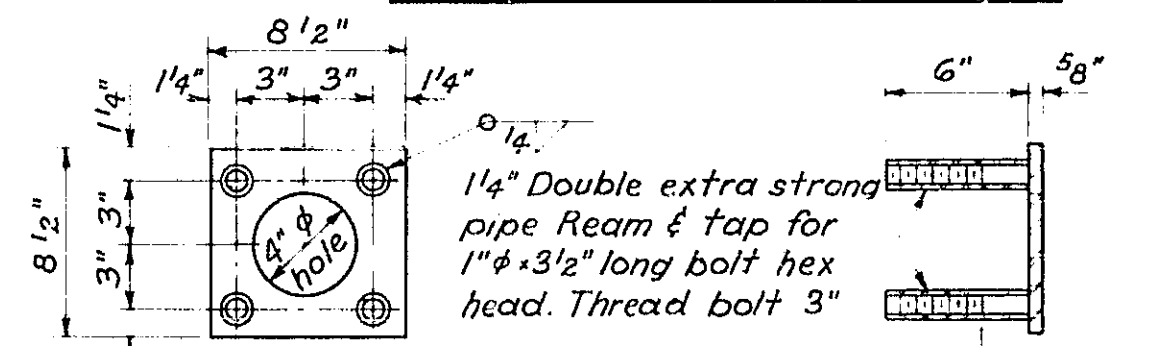
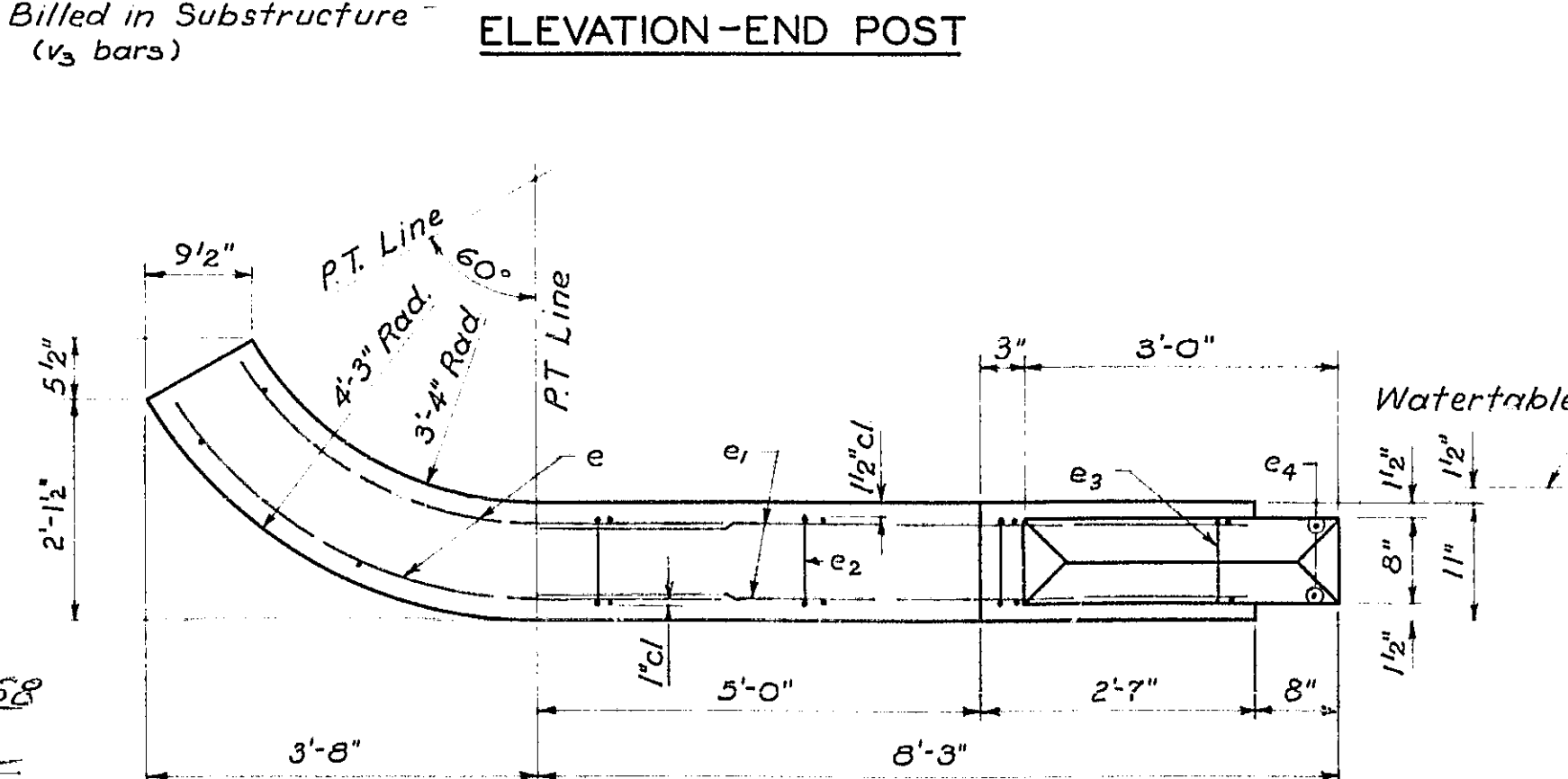
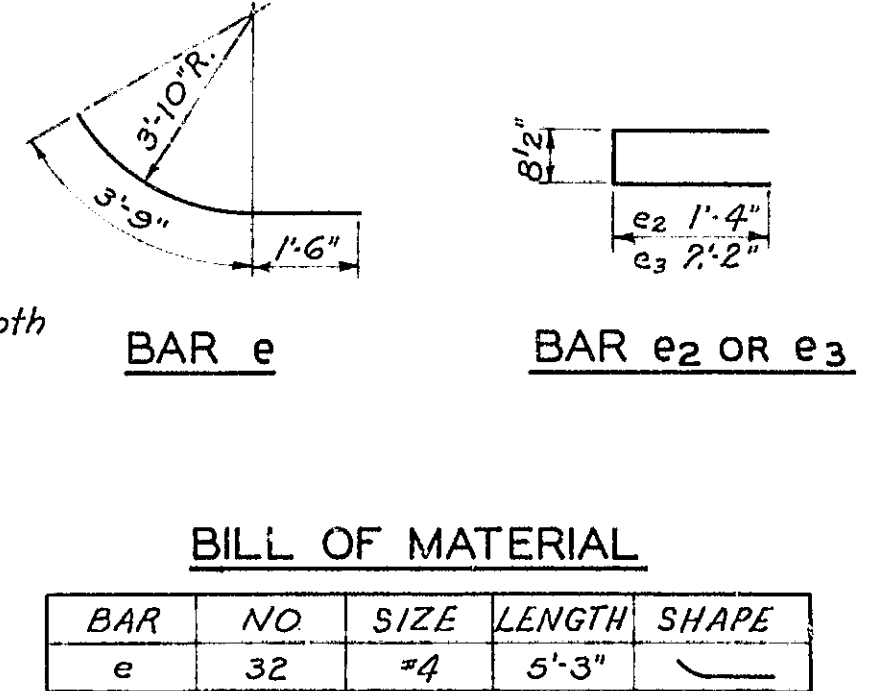
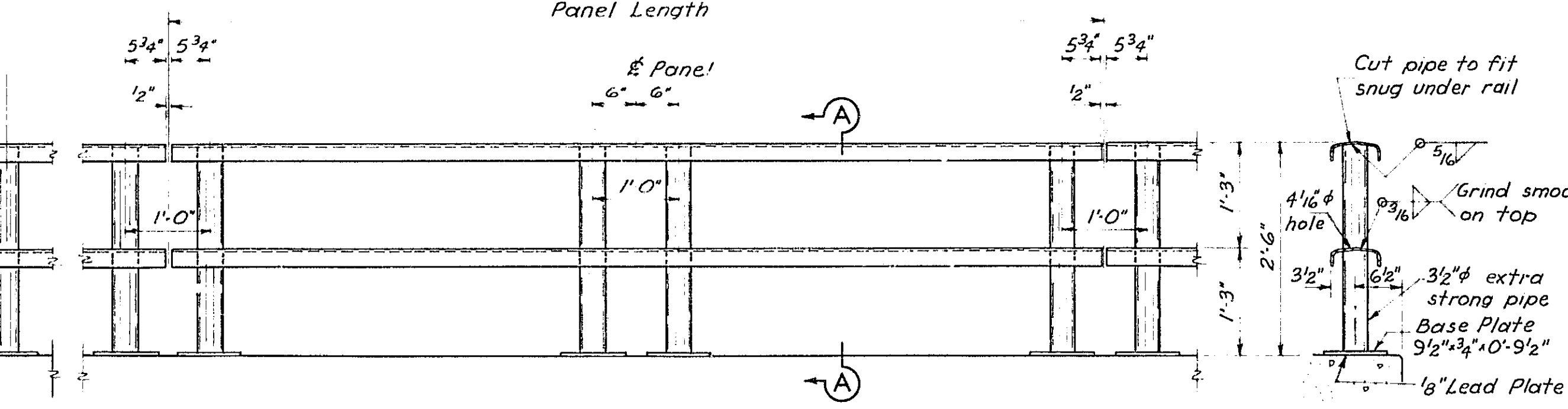
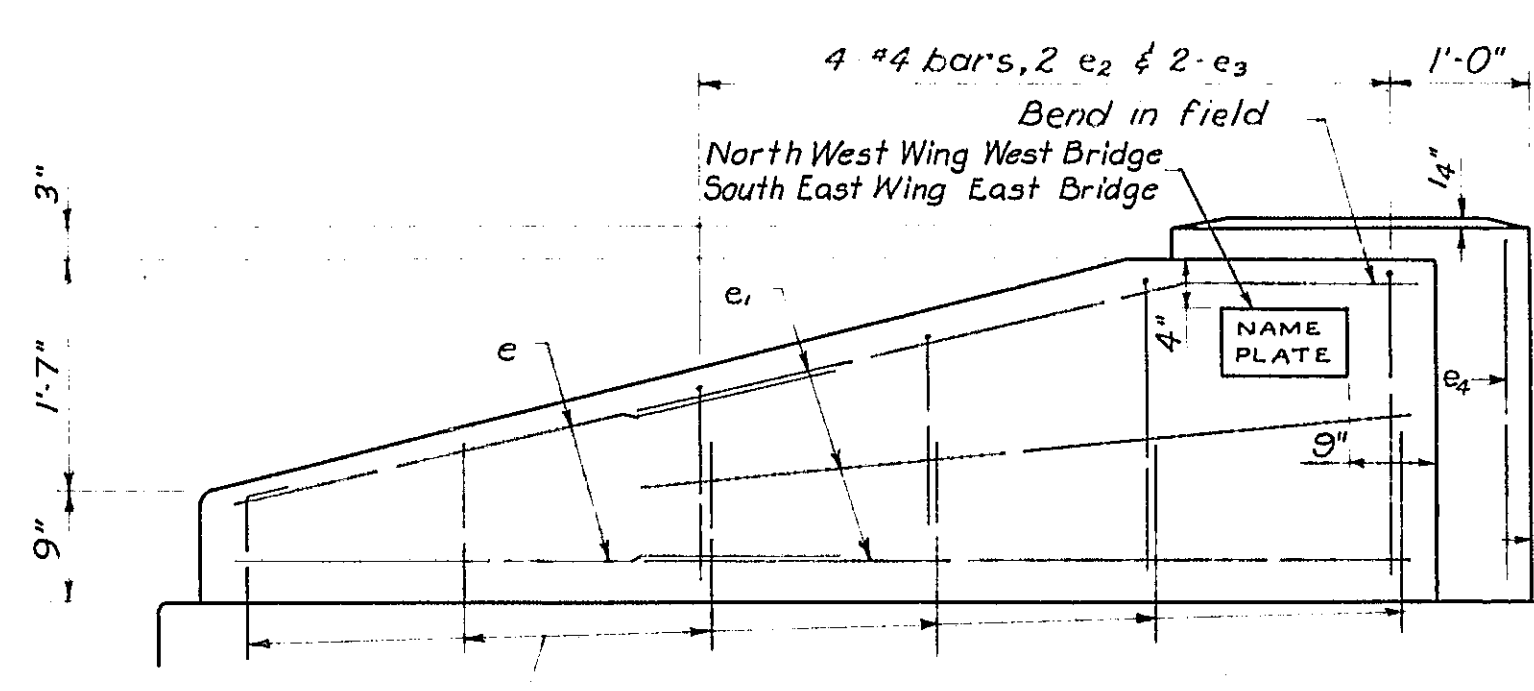
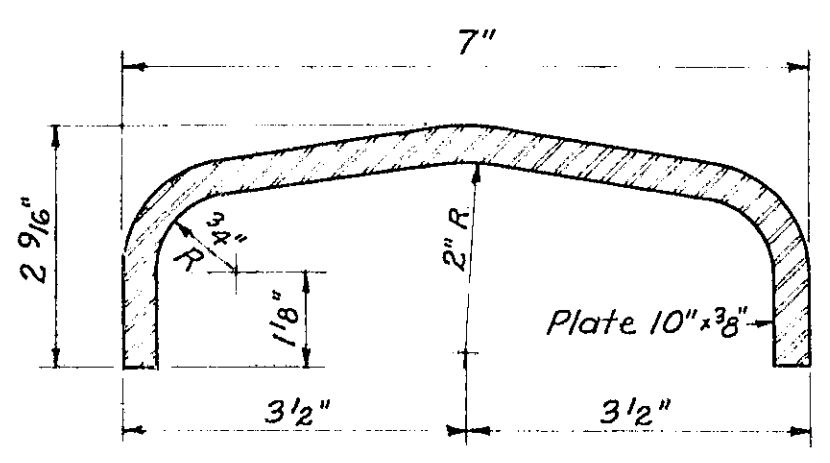
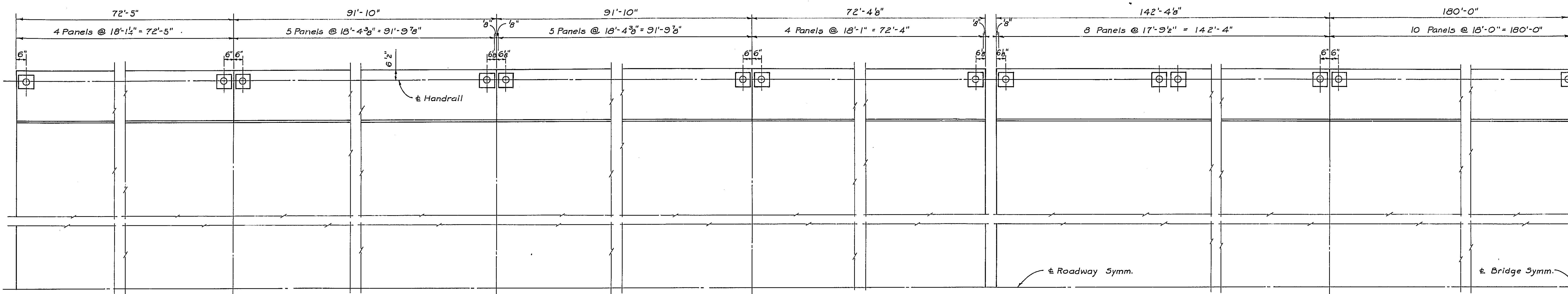
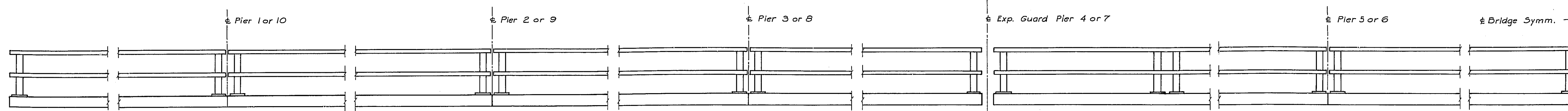
EXPANSION DEVICE
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-28-F
SANGAMON COUNTY
STATION 462+25.00 (2)

Revised - Hanson Collins & Rice 10/14/58



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL RECORDS	COUNTY NO.
FAT 55	84-2B	SANGAMON	34	13
FED. ROAD DIST. NO. 7			ILLINOIS PROJECT	



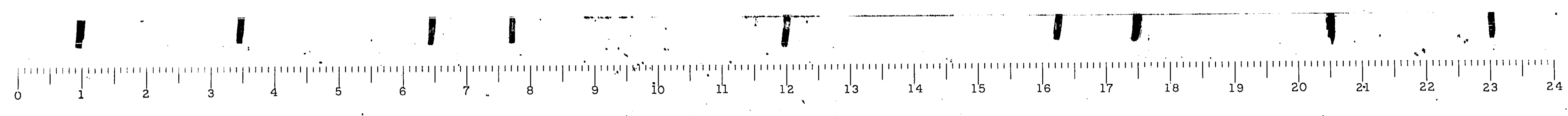
BILL OF MATERIAL

BAR	NO	SIZE	LENGTH	SHAPE
e	32	#4	5'-3"	
e1	48	#4	7'-6"	
e2	16	#4	3'-4"	
e3	16	#4	5'-0"	
e4	16	#4	2'-3"	

Handrail Concrete Cu Yds. 5.8
Reinforcement Bars Lbs. 465
Metal Handrail Lin. Ft. 4492

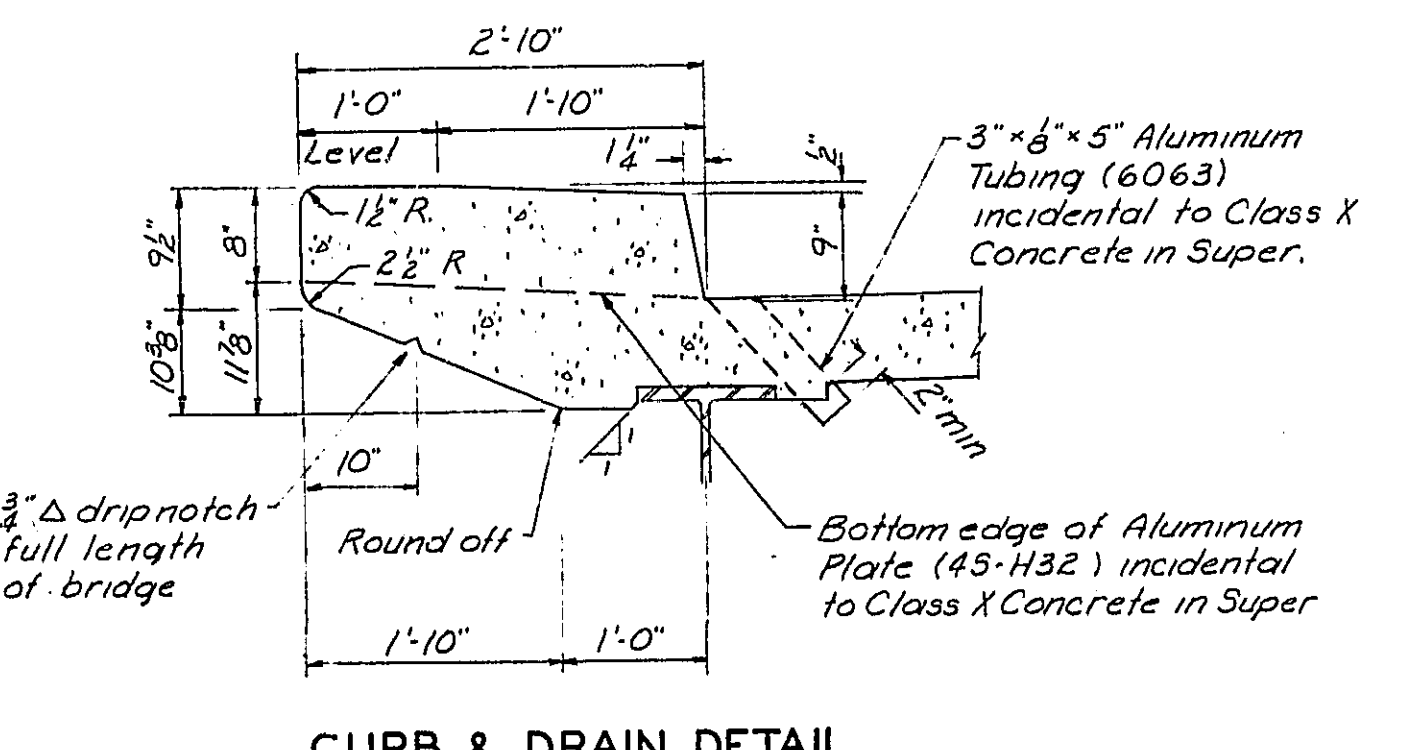
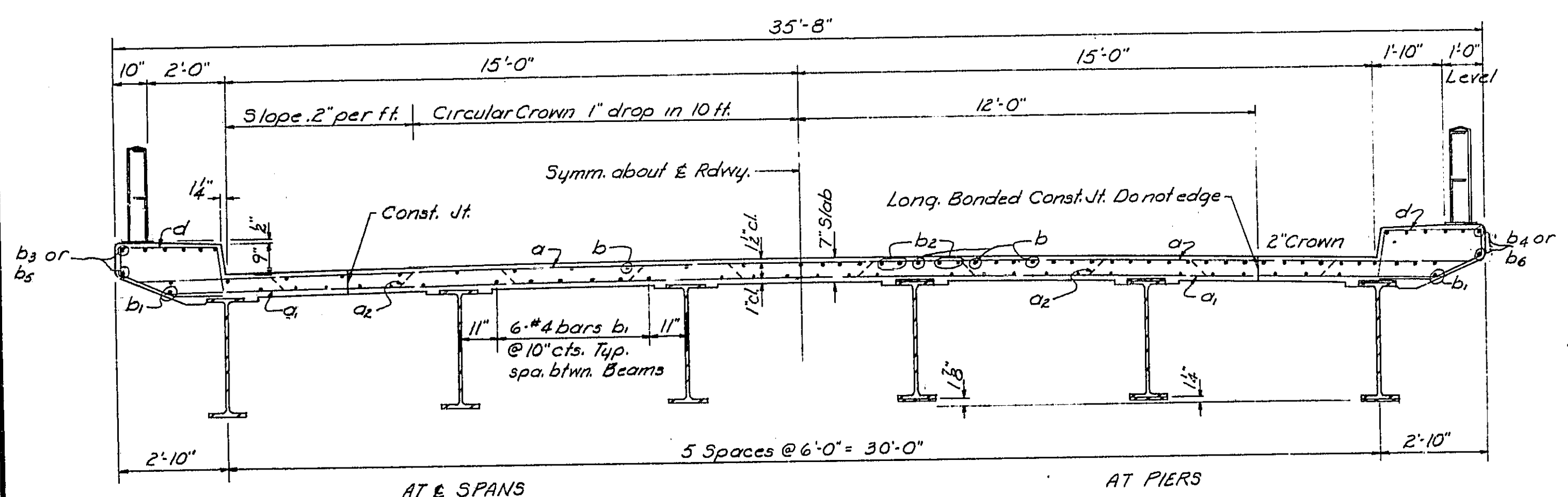
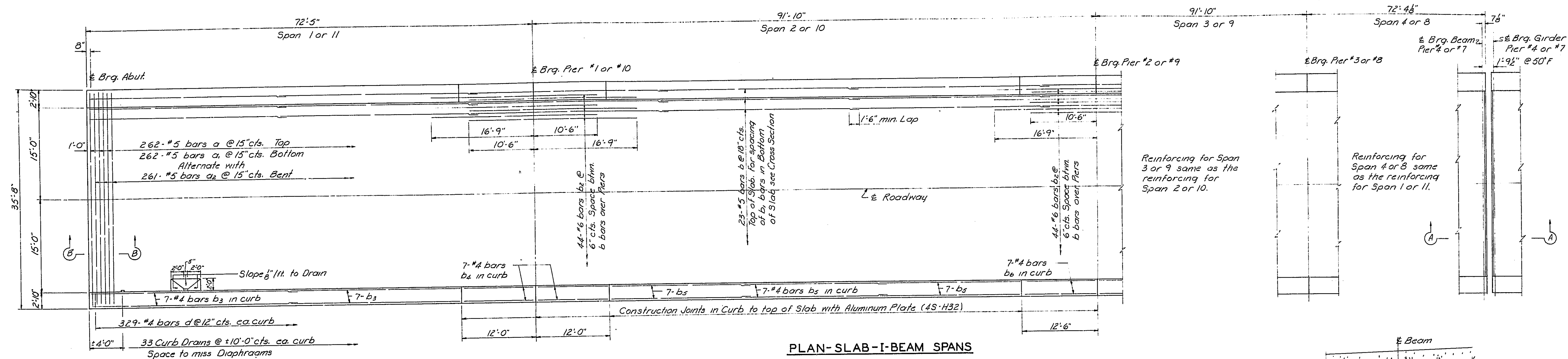
DESIGNED V.F. Schulte
CHECKED P.O.I.
DRAWN T.E.B.
CHECKED V.F.S.
EXAMINED W.M. Romine
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DATE 9-29-58
APPROVED R.P. Bartelme
CHIEF HIGHWAY ENGINEER

HANDRAIL
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+2500 (2)



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

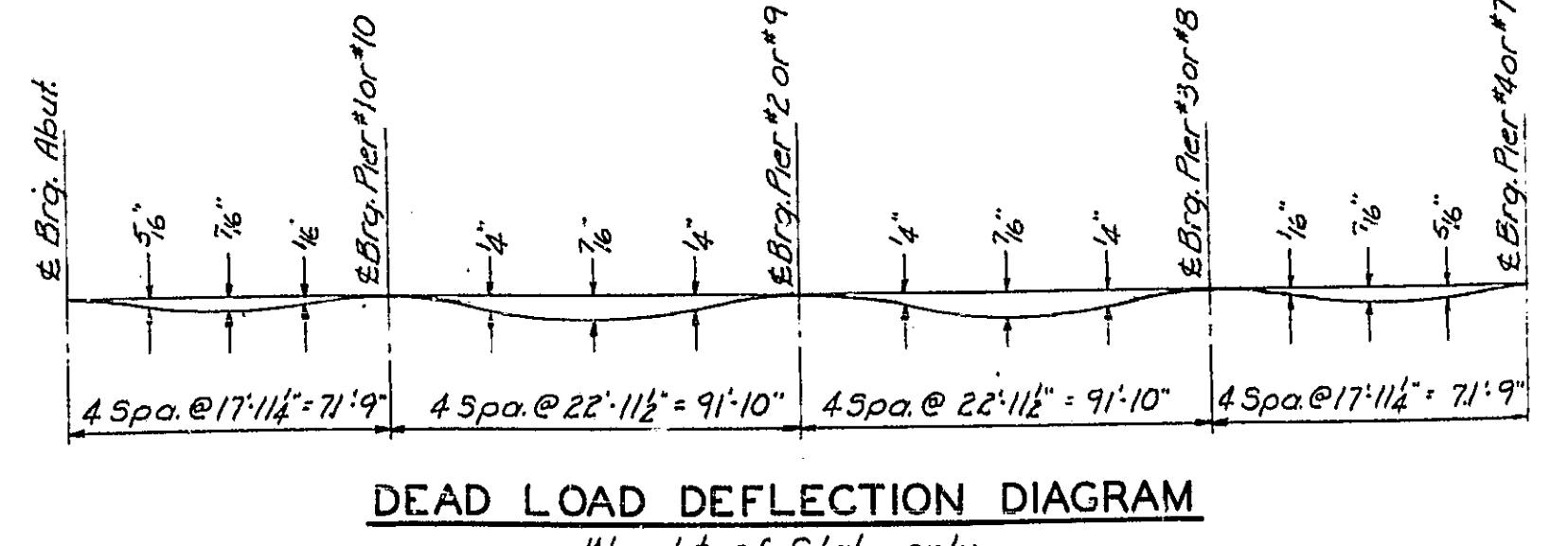
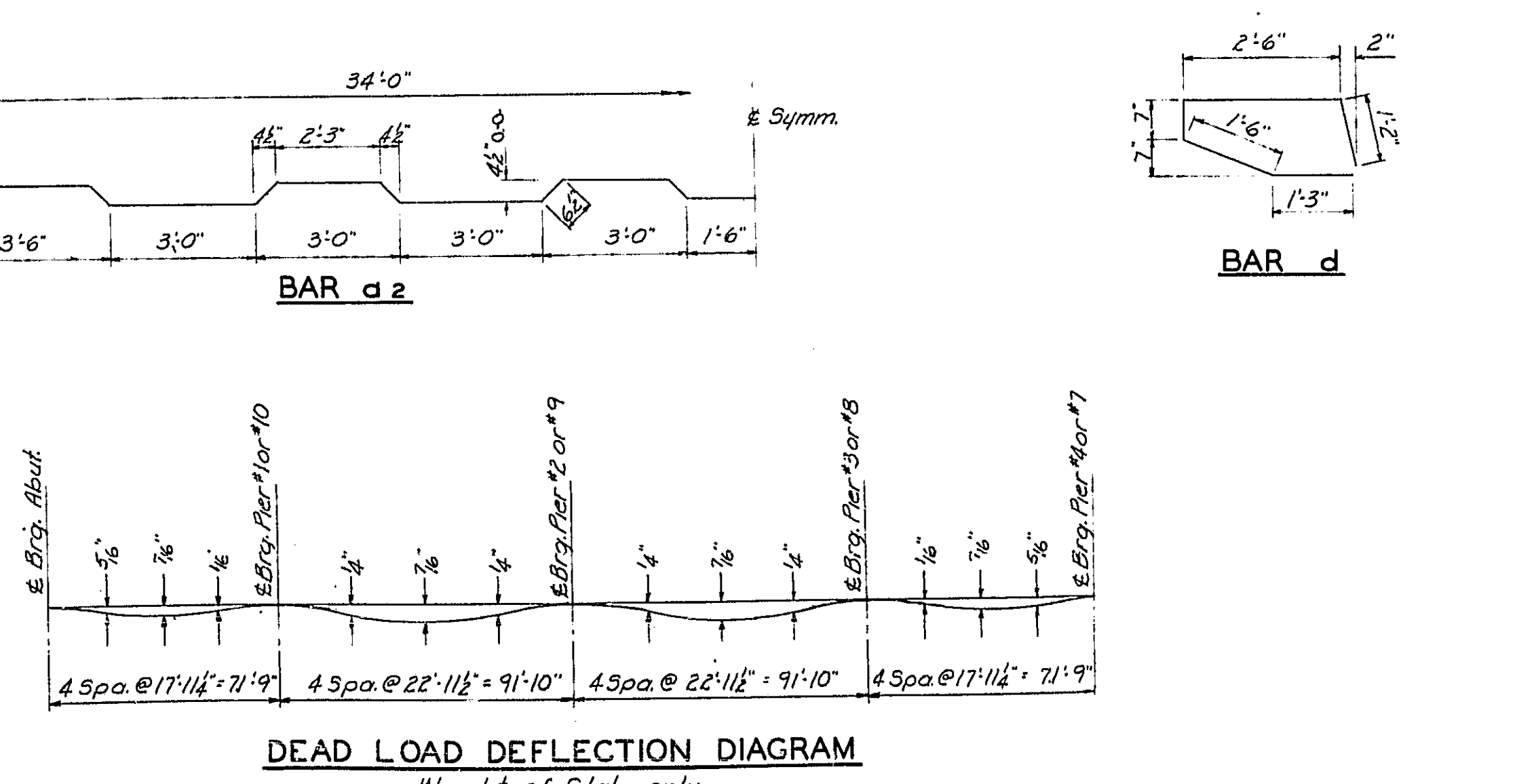
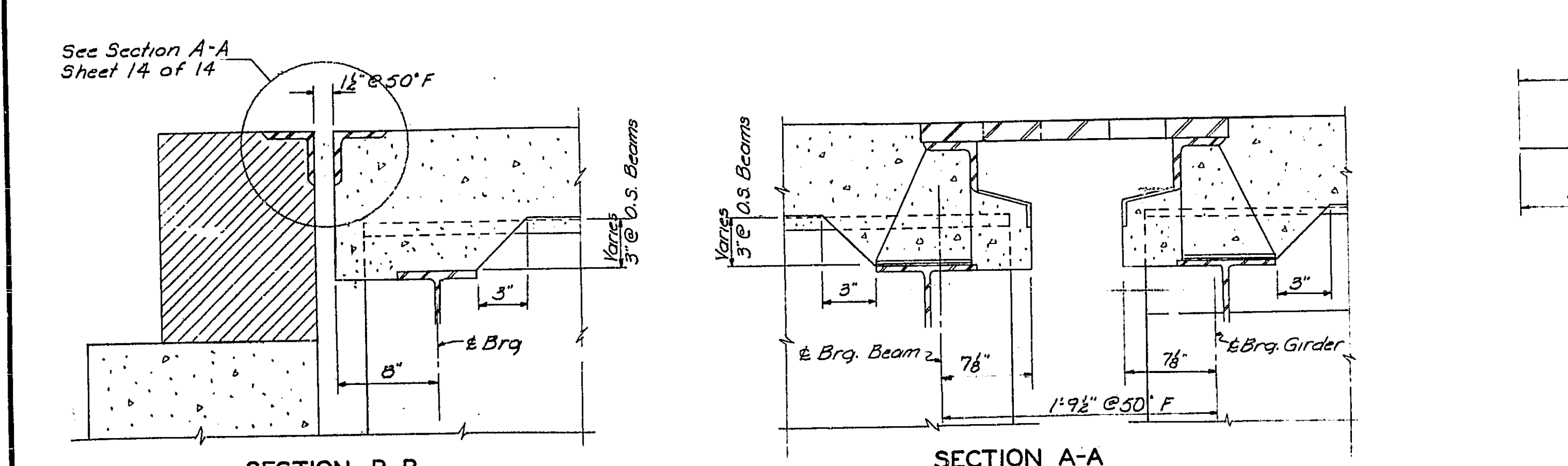
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA.I. 55	84-28	SANGAMON	34	14
FID. ROAD DIST. NO. 7		ILLINOIS PROJECT	14	14



METHOD OF DETERMINING FILLETS HEIGHTS "c"
After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. From these elevations subtract the increment of deflection for these points, determined from the D.L. deflection diagram. The elevations so obtained subtracted from the theoretical grade elevations, minus floor thickness, equals the fillet heights "c" above top of beam.

BILL OF MATERIAL - I-BEAM SPANS

BAR	NO	SIZE	LENGTH	SHAPE
a	1048	#5	34'-0"	——
a ₁	1048	#5	32'-0"	——
a ₂	1044	#5	35'-8"	~~~~
b	1012	#5	31'-2"	——
b ₁	1536	#4	28'-8"	——
b ₂	528	#6	27'-3"	——
b ₃	224	#4	30'-9"	——
b ₄	224	#4	11'-9"	——
b ₅	336	#4	23'-4"	——
b ₆	112	#4	12'-3"	——
d	2632	#4	7'-0"	□
Class X Concrete		Cu. Yds.	12.72	2
Reinforcement Bars		Lbs.	219,730	

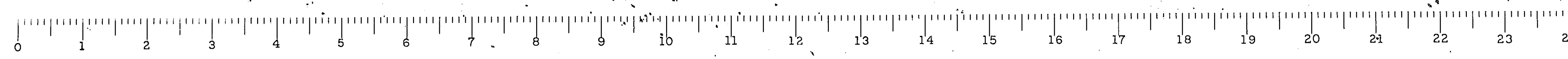


SLAB-BEAM SPANS
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-28-F
SANGAMON COUNTY
STATION 462+25.00 (2)

DESIGNED V.F. Schulte
CHECKED R.D.C.
DRAWN D.J.M.
CHECKED R.D.C.

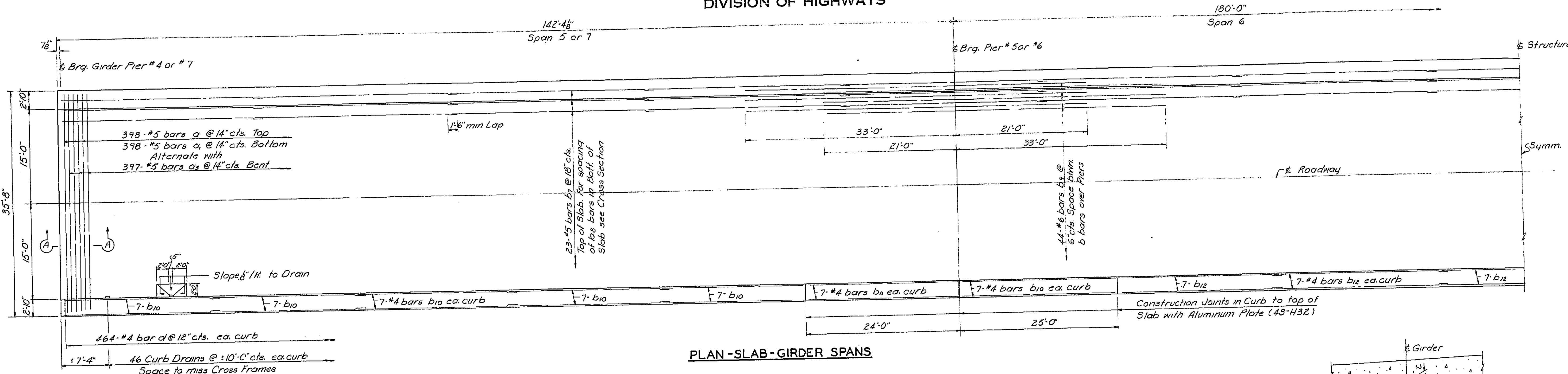
EXAMINED
ENGINEER OF HIGHWAY AND TRAFFIC STRUCTURES
APPROVED
CHIEF HIGHWAY DIVISION

SEPT. 29 1958

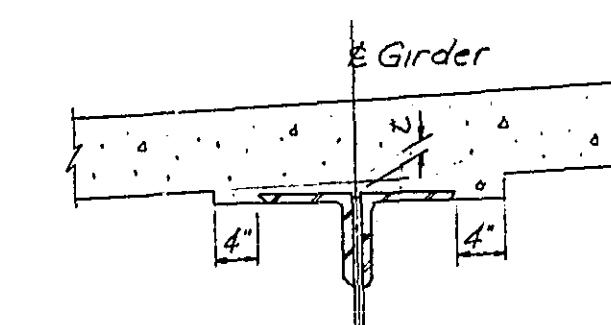


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 55	84-2B	SANGAMON	14	15
FED. ROAD DIST. NO. 7		ILLINOIS PROJECT 1917		

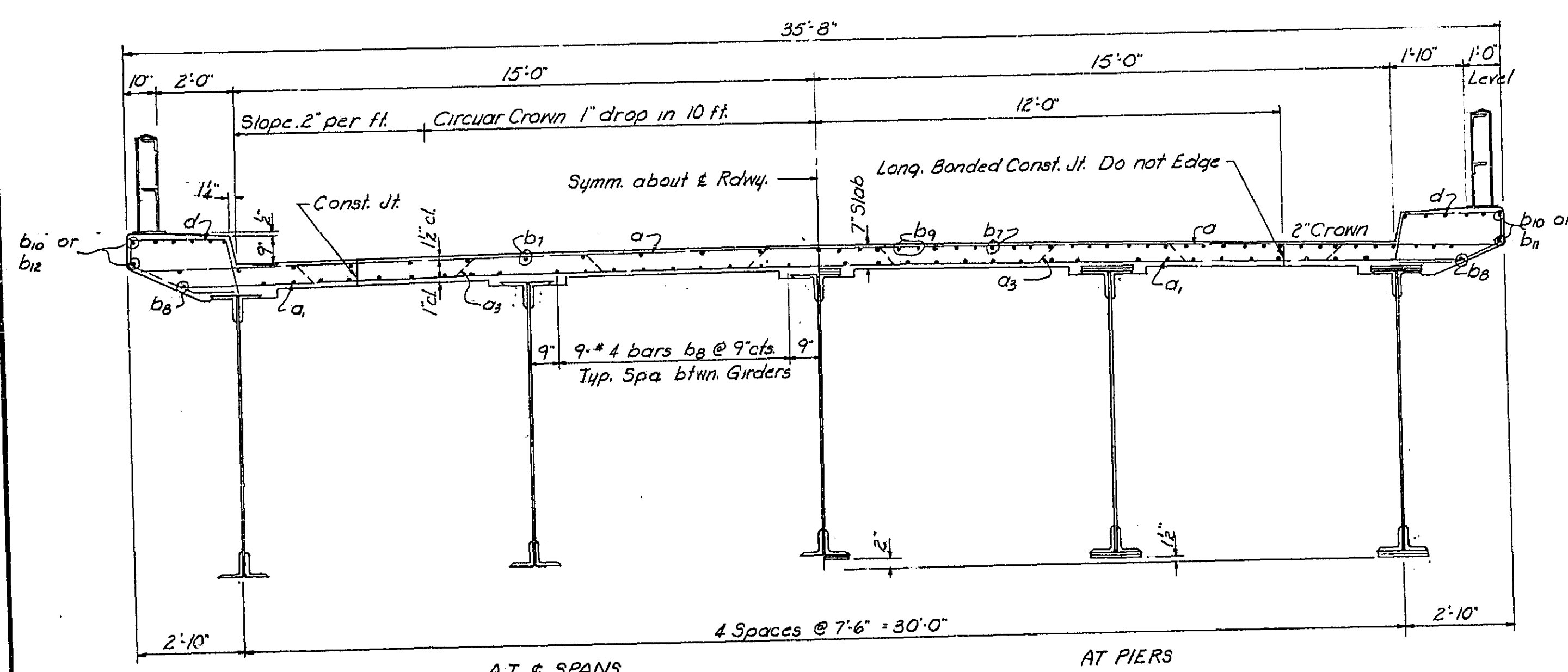


PLAN-SLAB-GIRDER SPANS

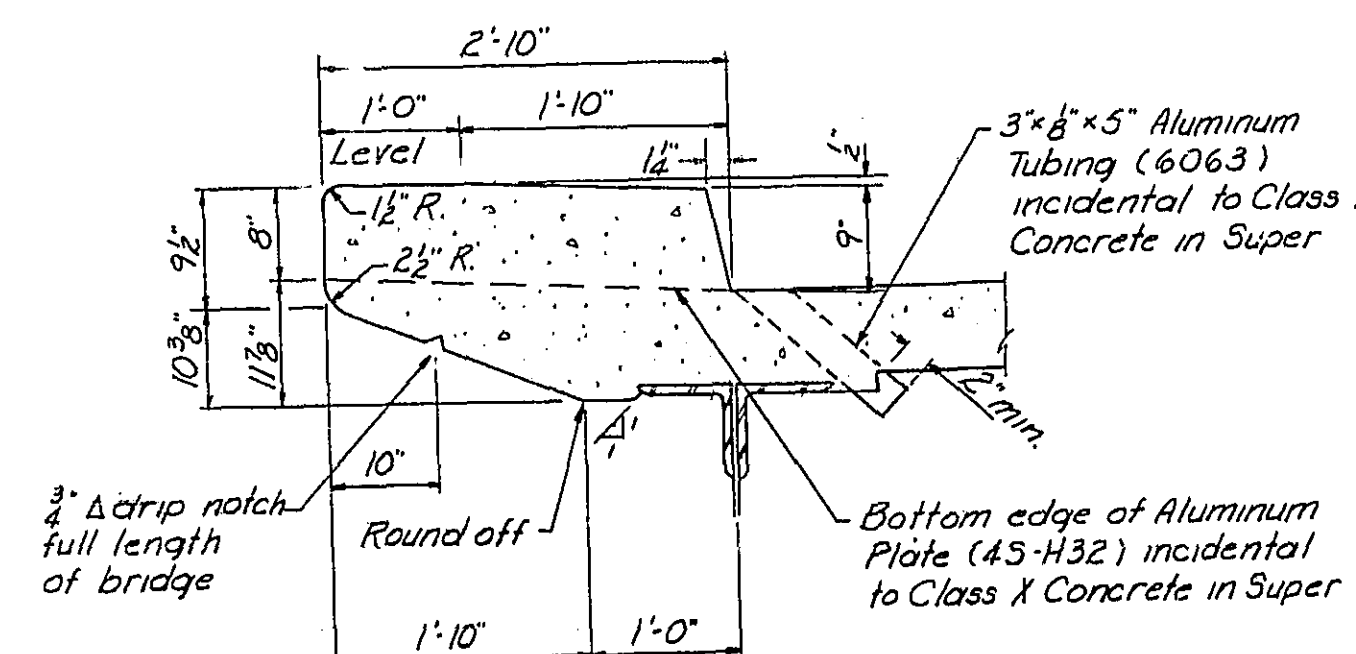


METHOD OF DETERMINING FILLET HEIGHTS "E"

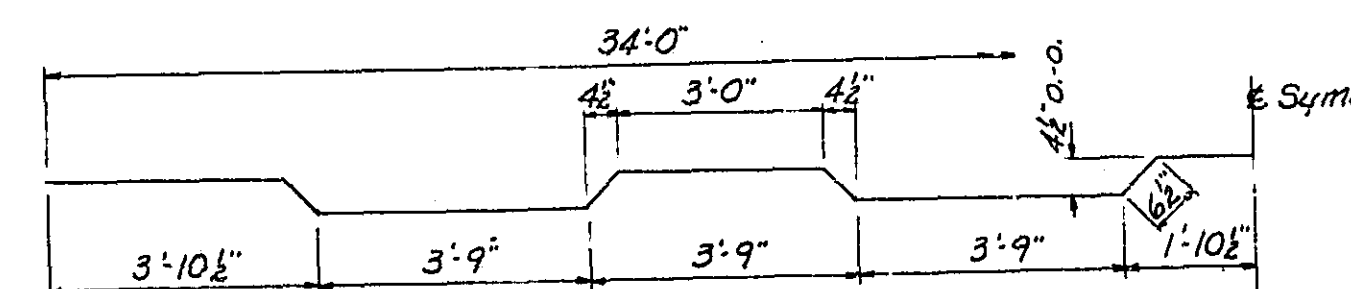
After all Structural Steel has been erected, elevations of the top flanges of the girders shall be taken at intervals not to exceed 10 feet. From these elevations subtract the increment of deflection for these points, determined from the D.L. Deflection Diagram. The elevations so obtained subtracted from the theoretical grade elevations, minus floor thickness, equals the fillet heights "E" above top of girder.



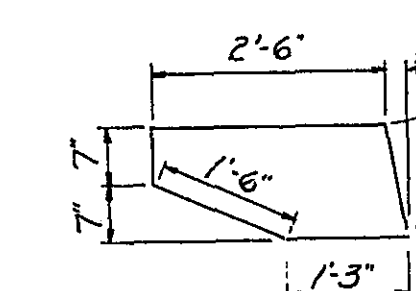
CROSS SECTION



CURB & DRAIN DETAIL



BAR a3

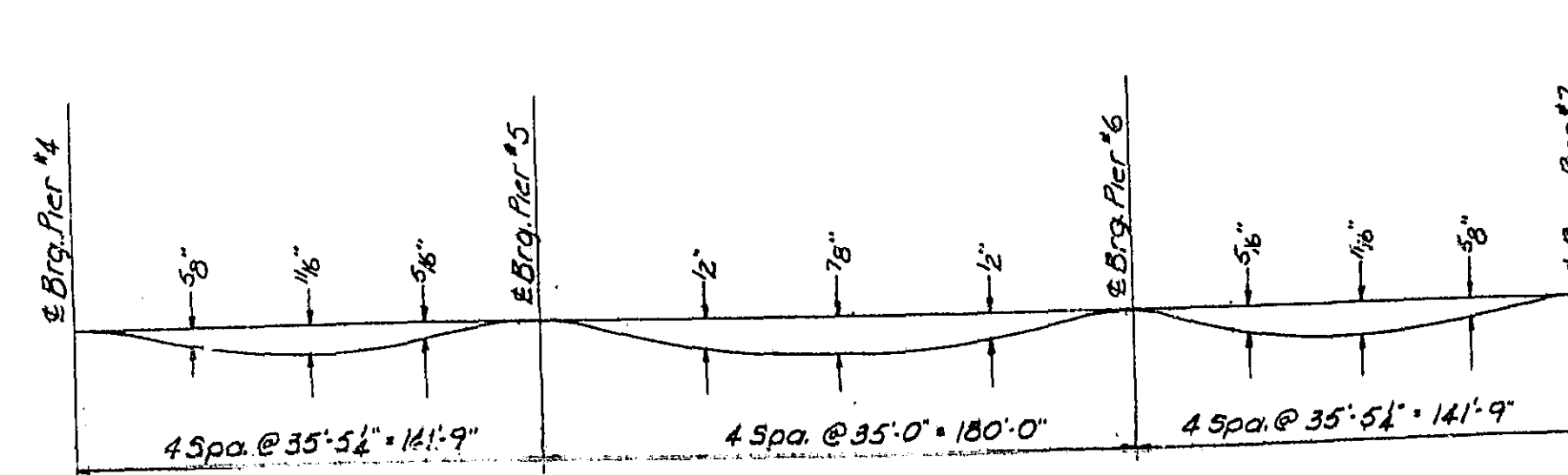


BAR d

BILL OF MATERIAL - GIRDER SPANS

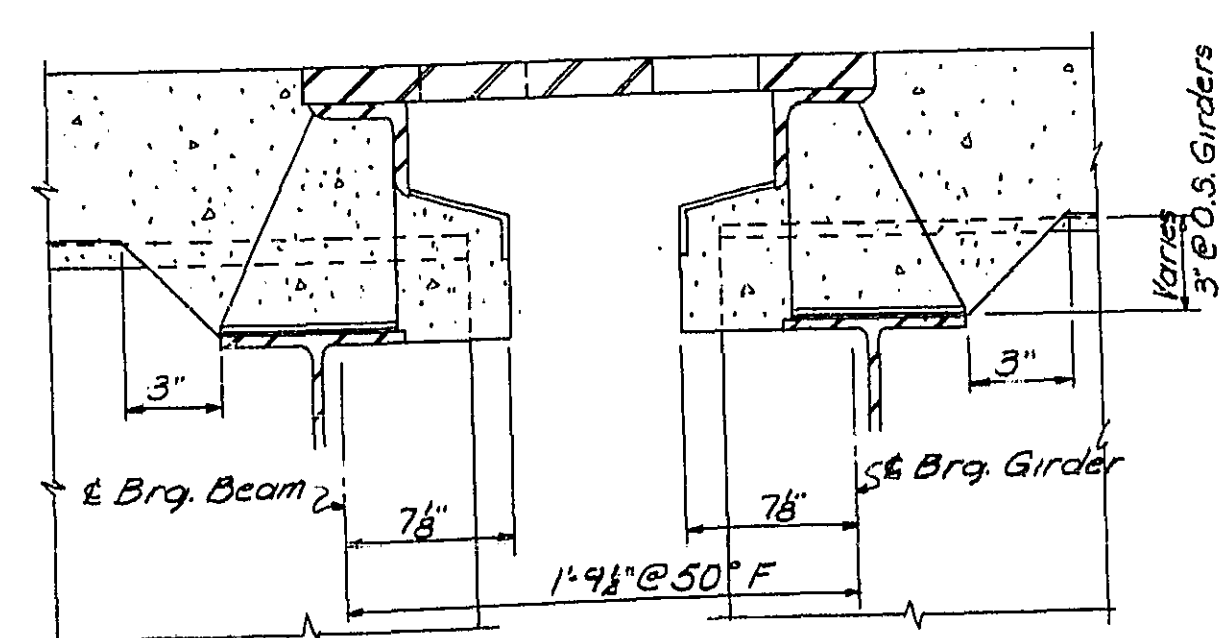
BAR	NO.	SIZE	LENGTH	SHAPE
a	796	#5	34'-0"	—
a1	796	#5	32'-0"	—
a2	796	#5	35'-4"	—
b1	690	#5	32'-3"	—
b2	1292	#4	28'-9"	—
b3	176	#6	54'-0"	—
b4	336	#4	24'-9"	—
b5	56	#4	23'-9"	—
b6	140	#4	27'-3"	—
d	1856	#4	7'-0"	□
Class X Concrete			Cu. Yds.	909.8
Reinforcement Bars			Lbs.	164,145
Structural Steel			Lbs.	3,330,250

* Includes all Structural Steel.



DEAD LOAD DEFLECTION DIAGRAM

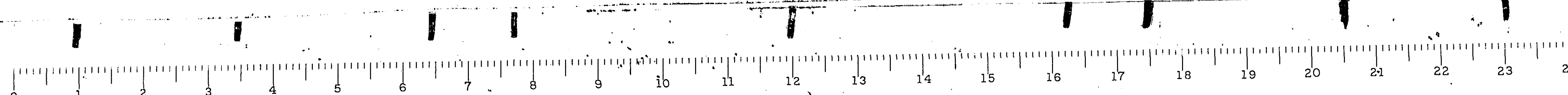
Weight of Slab only



SECTION A-A

DESIGNED	V.F. Schulte	EXAMINED	SEPT 29 1958
CHECKED	R.D.L.	PASSED	[Signature]
DRAWN	D.J.M.	APPROVED	[Signature]
CHECKED	R.R.C.		

SLAB-GIRDER SPANS
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+2500 (2)



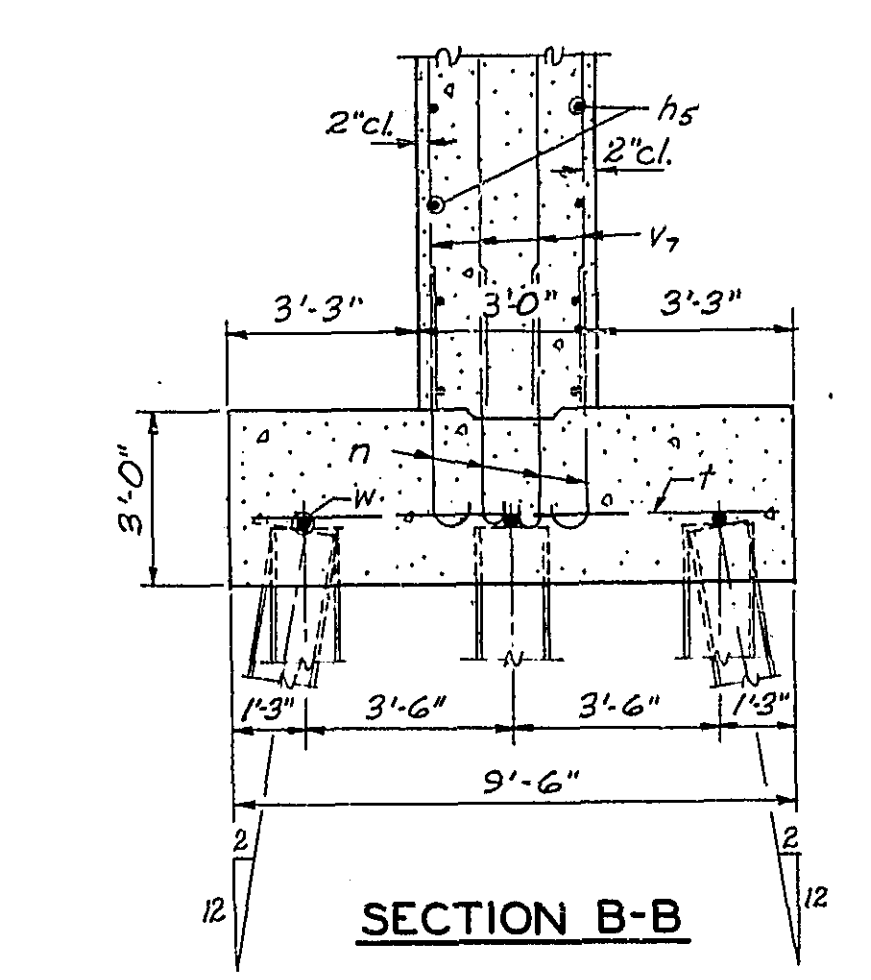
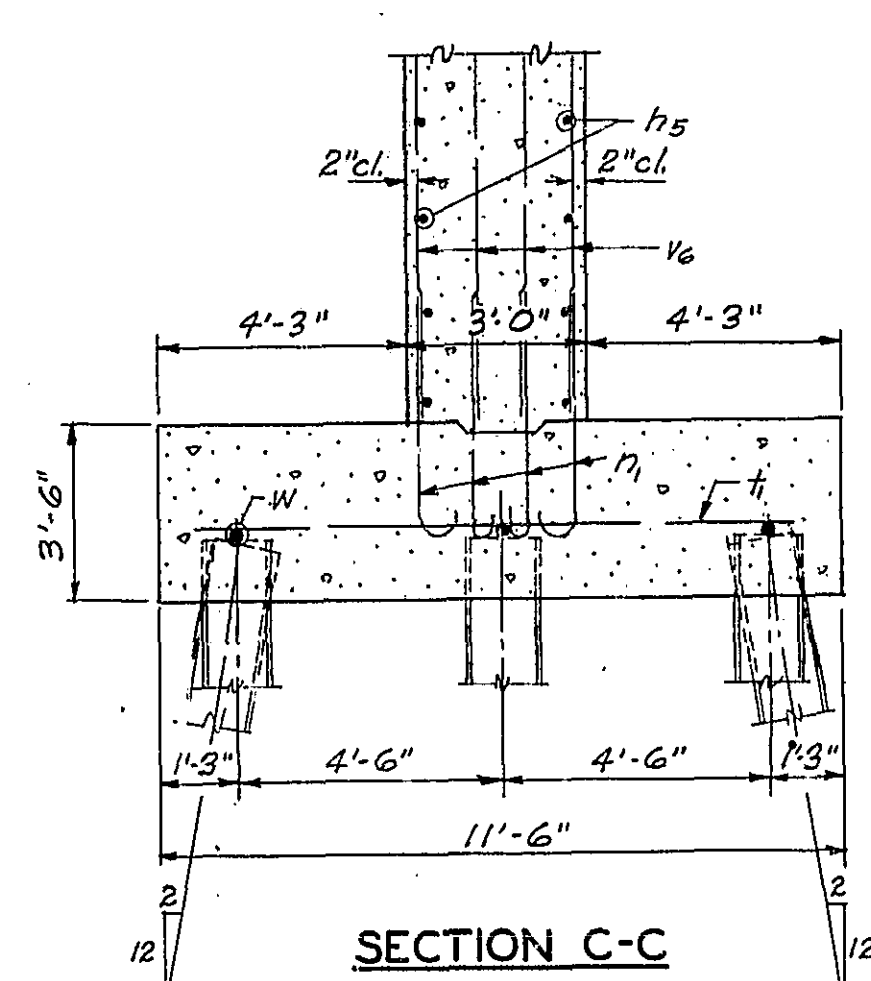
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
84-28	55	SANGAMON	37	16
FAI 55	84-28	SANGAMON	17	16
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

PILE DATA-PIERS 1 & 10

Type Steel Piles 12BP53
No. Req'd 40 *
Min. Capacity 40 tons
Est. Length 55 feet

* Includes two Test Piles



PILE DATA-PIERS 2, 3, 8 & 9

Type Steel Piles 12BP53
No. Req'd 120 *
Min. Capacity 38 tons
Est. Length 55 feet

* Includes two Test Piles

DESIGNED V.F. Schulte
CHECKED A.C.E.
DRAWN T.E.B.
CHECKED K.F.S.

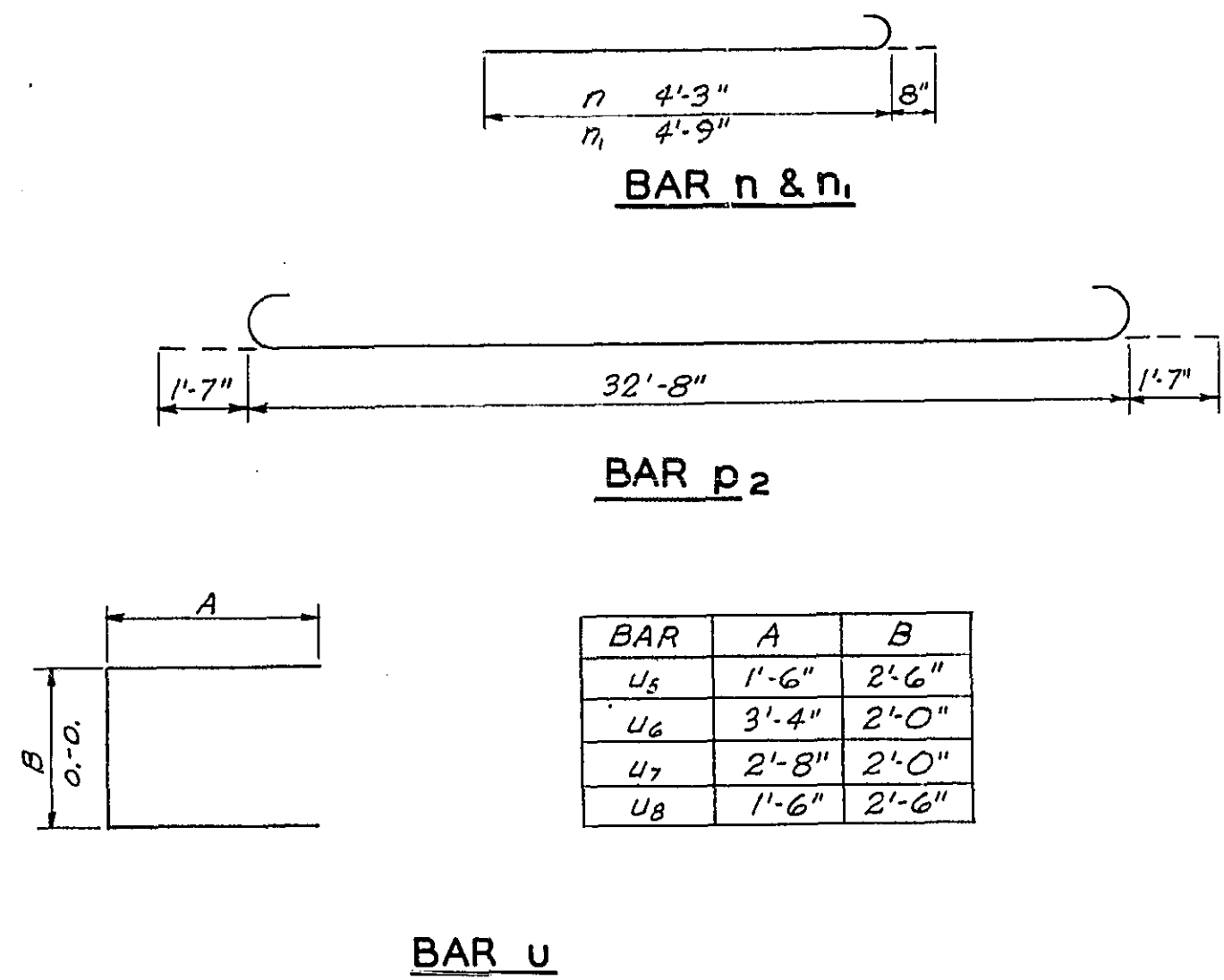
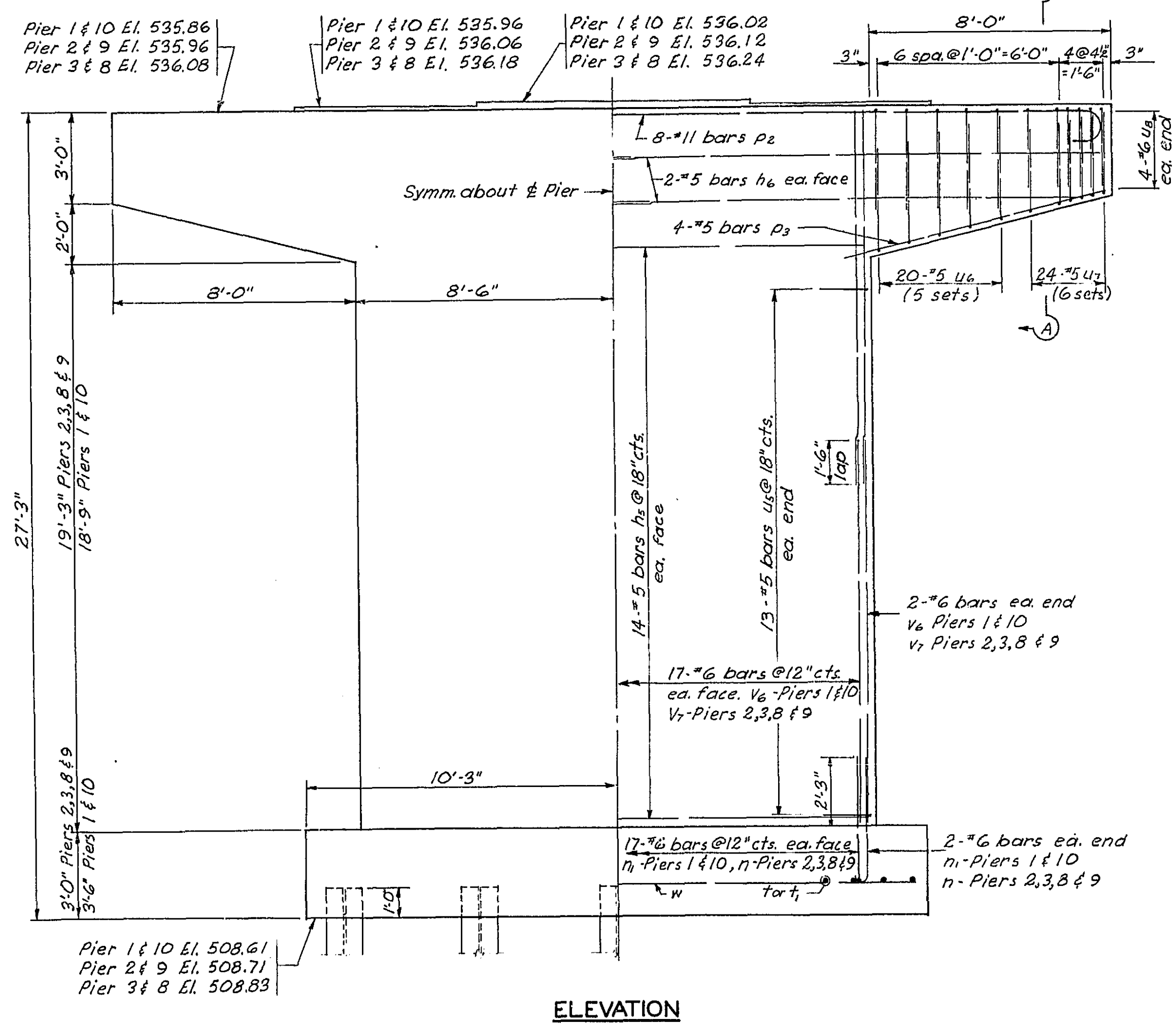
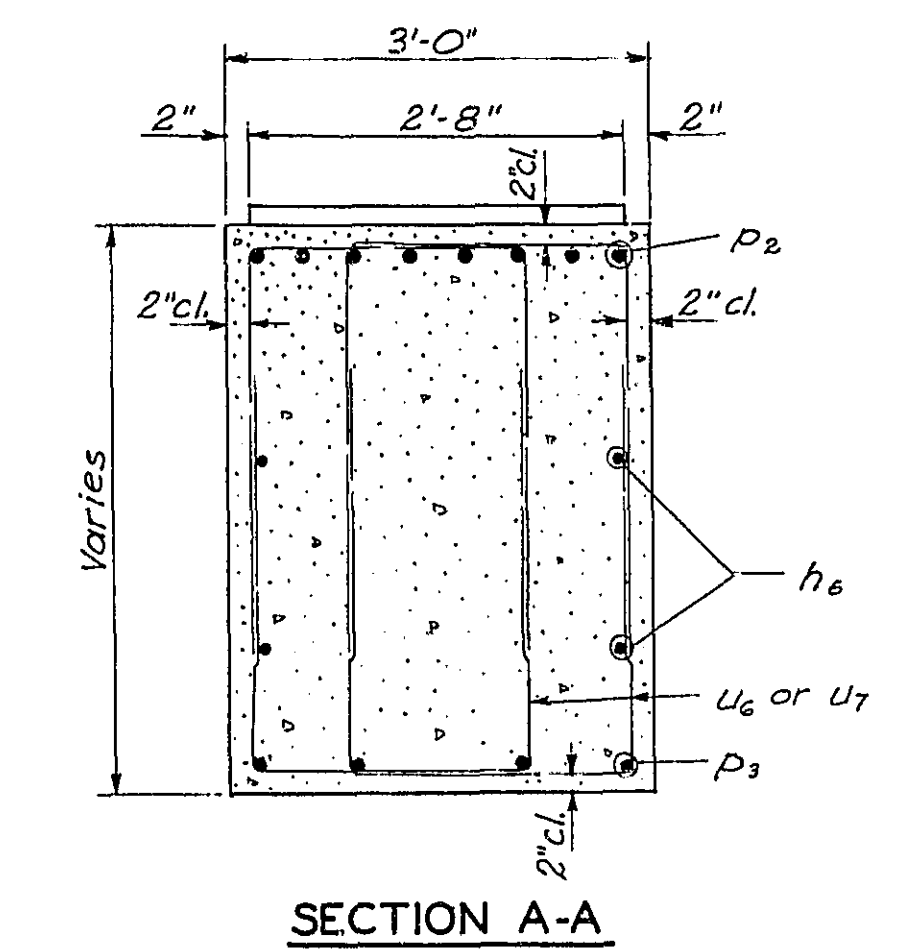
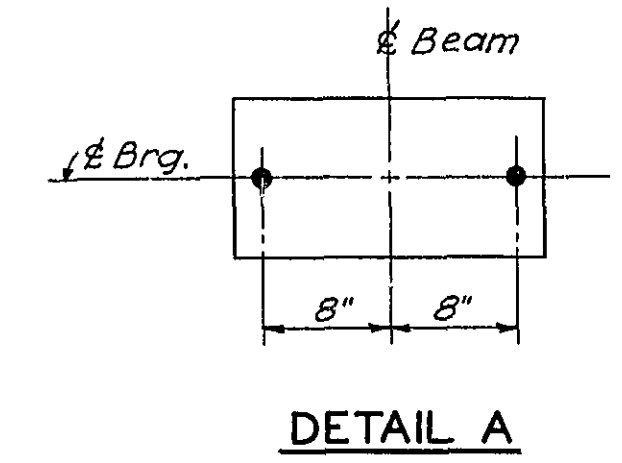
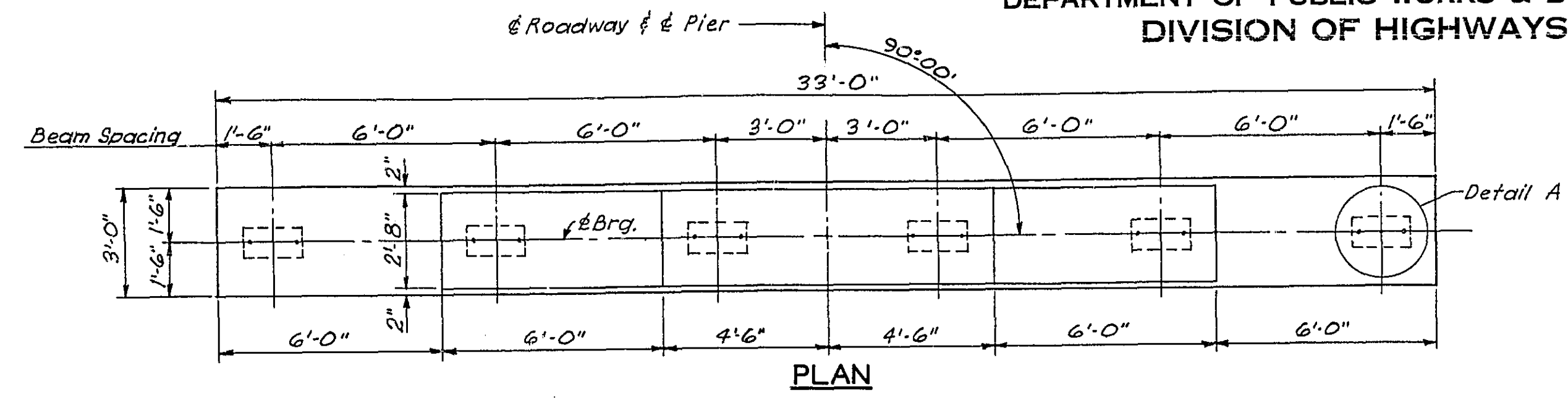
EXAMINED [Signature]
PASSED [Signature]
APPROVED [Signature]

SEPT 29 1958

ENGINEER OF BRIDGES AND TRAFFIC STRUCTURES

ENGINEER OF DESIGN

CITY HIGHWAY ENGINEER

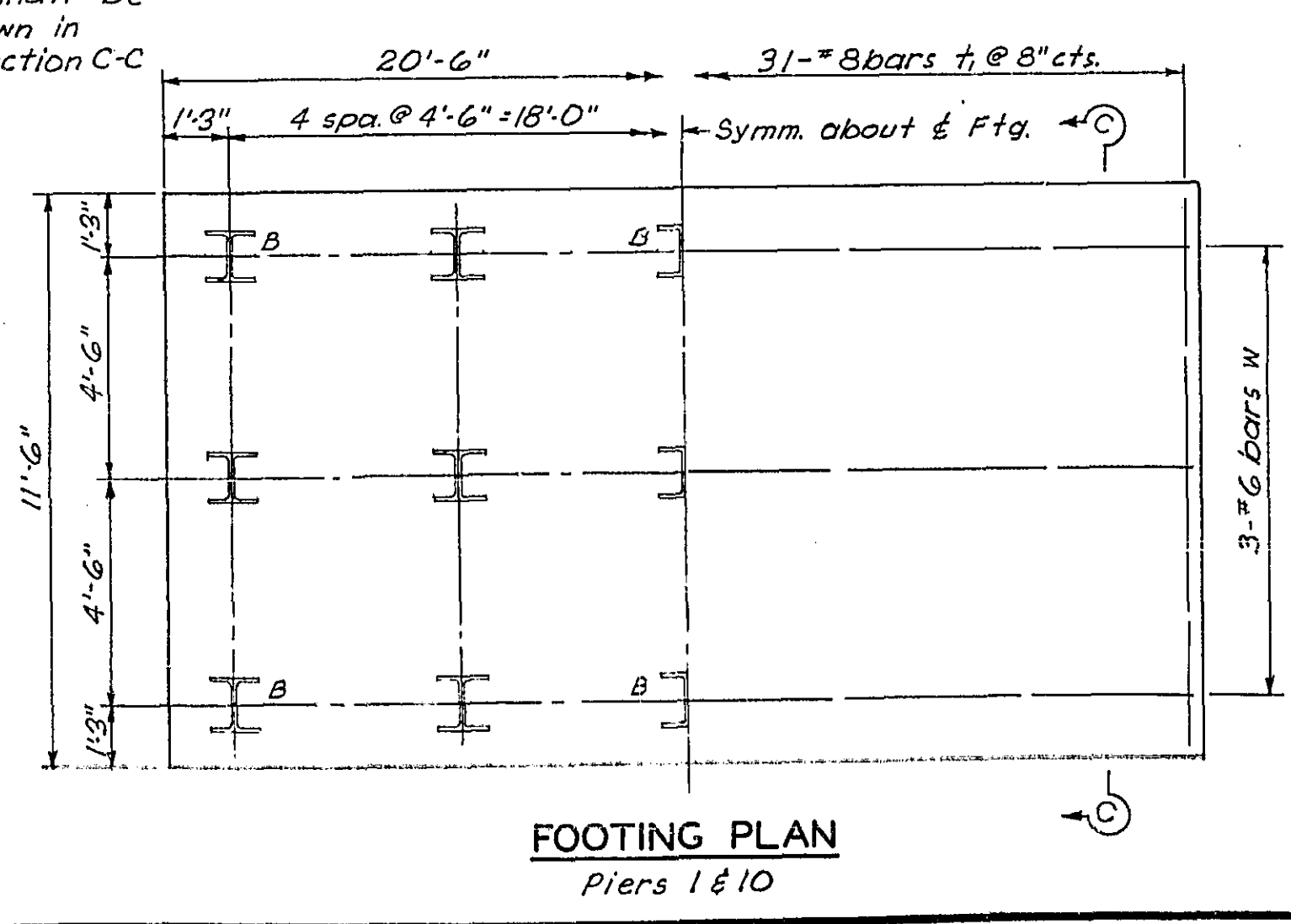
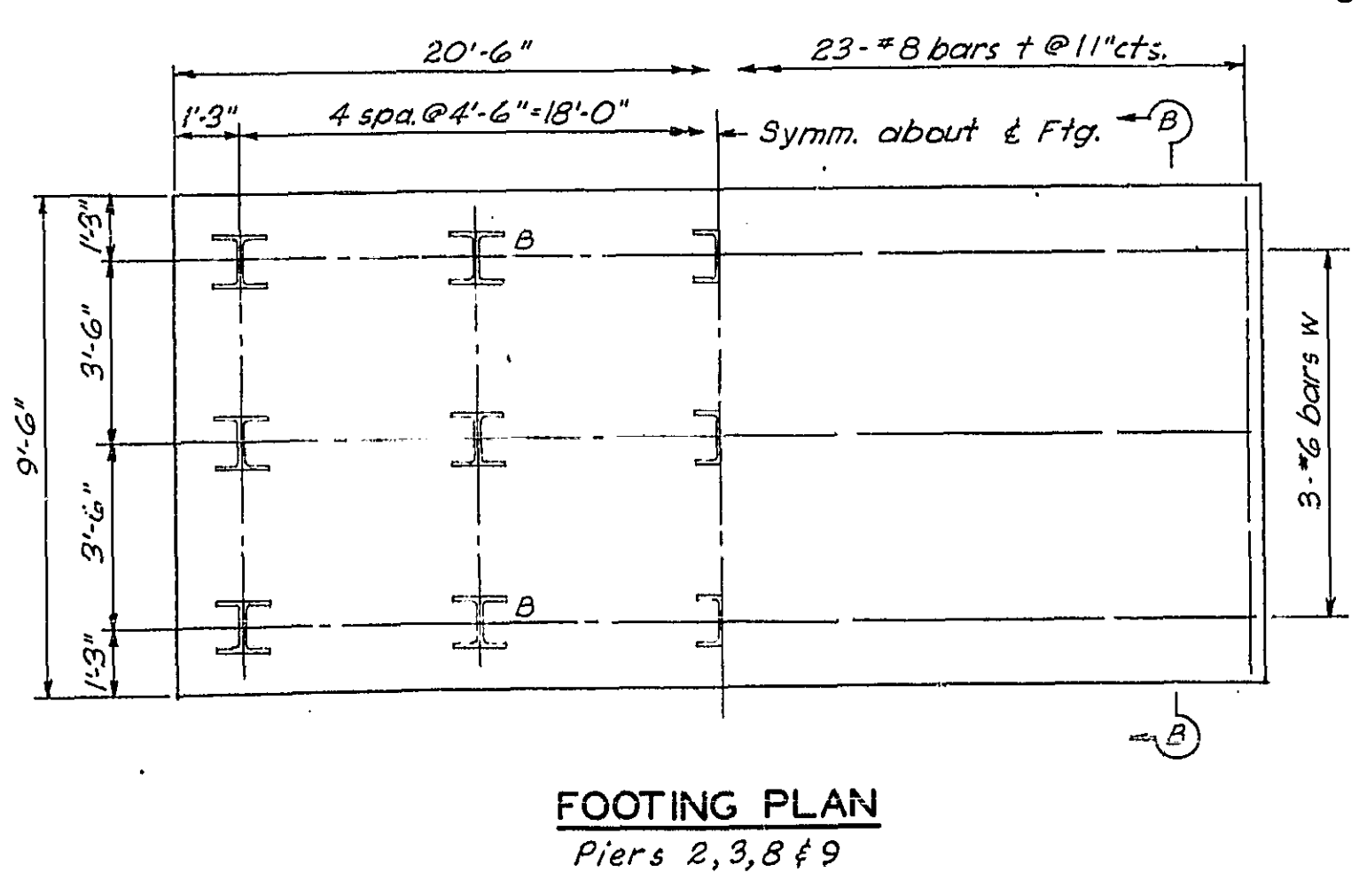


BAR	A	B
u6	1'-6"	2'-6"
u7	3'-4"	2'-0"
u8	2'-8"	2'-0"
u8	1'-6"	2'-6"

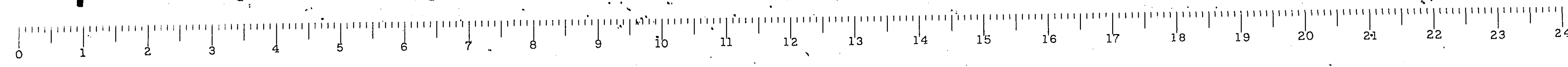
BILL OF MATERIAL-2 BRIDGES
PIERS 1, 2, 3, 8, 9 & 10

BAR	NO	SIZE	LENGTH	SHAPE
h5	336	#5	16'-8"	
h6	96	#5	17'-1"	
n	304	#6	4'-11"	
n1	152	#6	5'-5"	
p2	96	#11	35'-0"	
p2	96	#5	9'-3"	
t	184	#8	9'-2"	
t1	124	#8	11'-2"	
u5	312	#5	5'-6"	
u6	480	#5	8'-8"	
u7	576	#5	7'-4"	
u8	96	#6	5'-6"	
v6	304	#6	12'-6"	
v7	608	#6	12'-9"	
w	36	#6	20'-2"	

Class A Concrete	Cu. Yds.	929.7
Reinforcement Bars	Lbs	68,210
Steel Piles (12BP53)	Lin. Ft.	9,680
Test Piles	Ea.	4
Class A Excavation	Cu. Yds.	965
Class B Excavation	Cu. Yds.	510

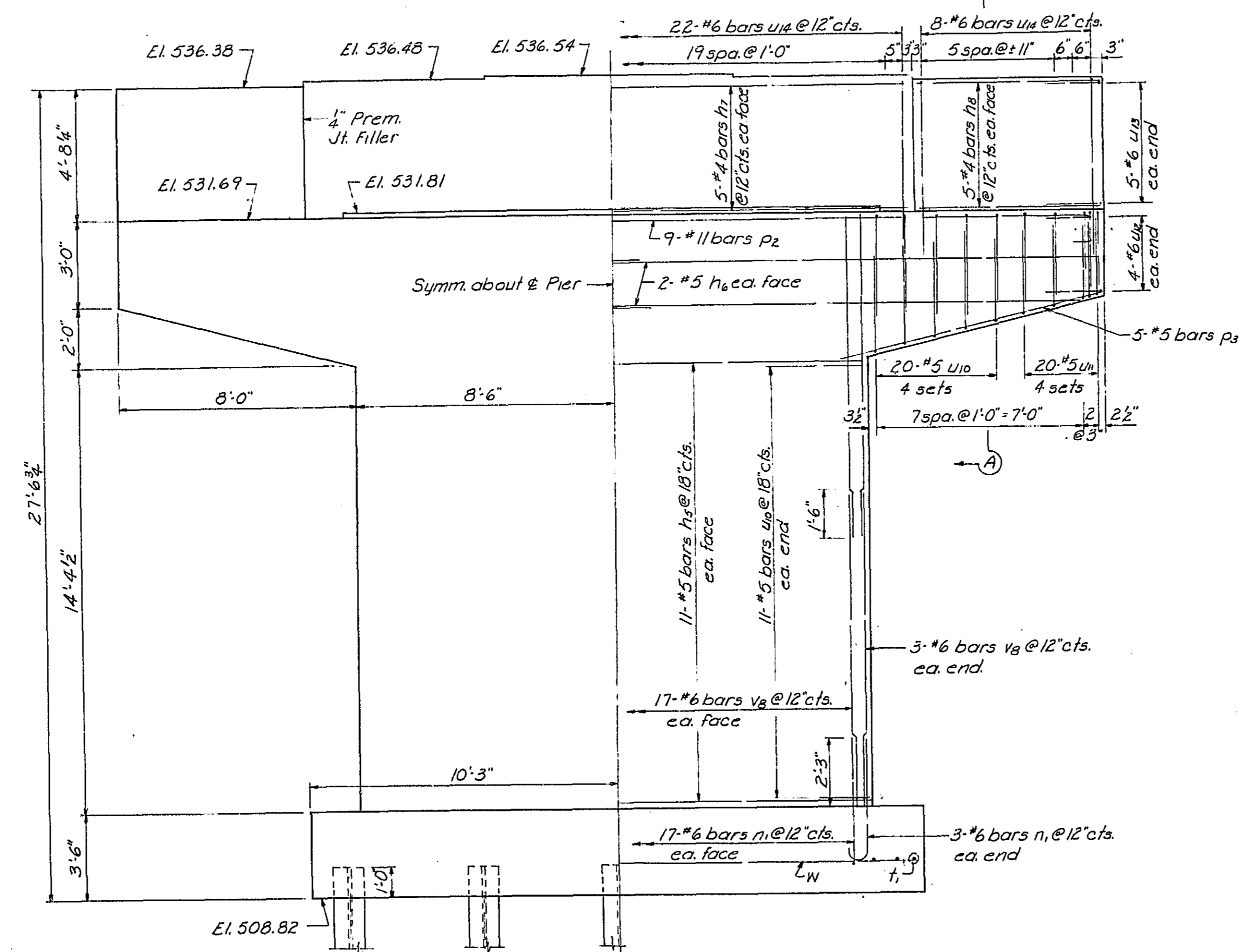
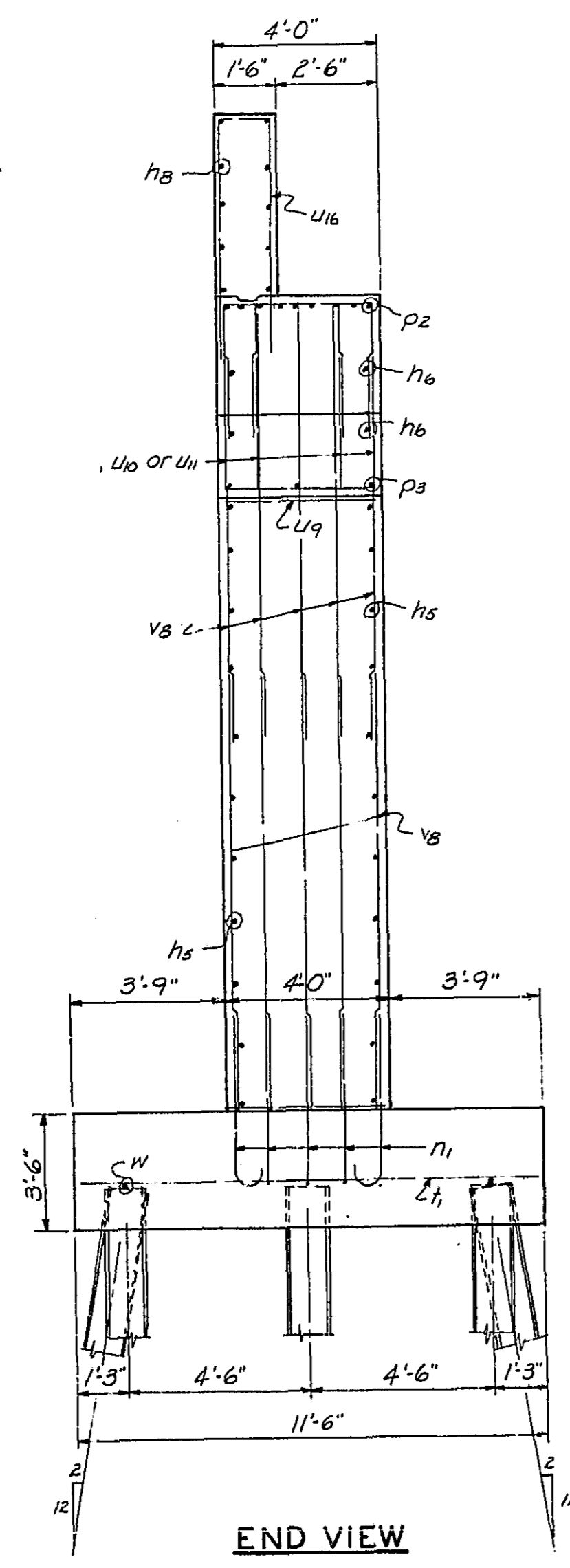
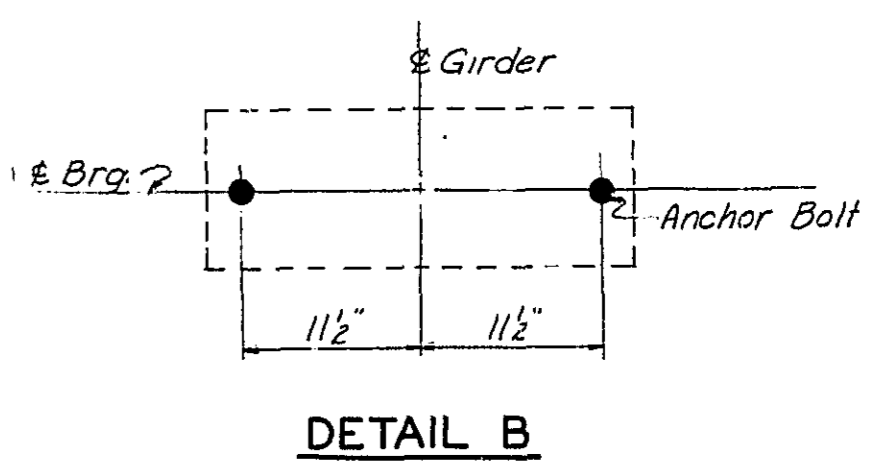
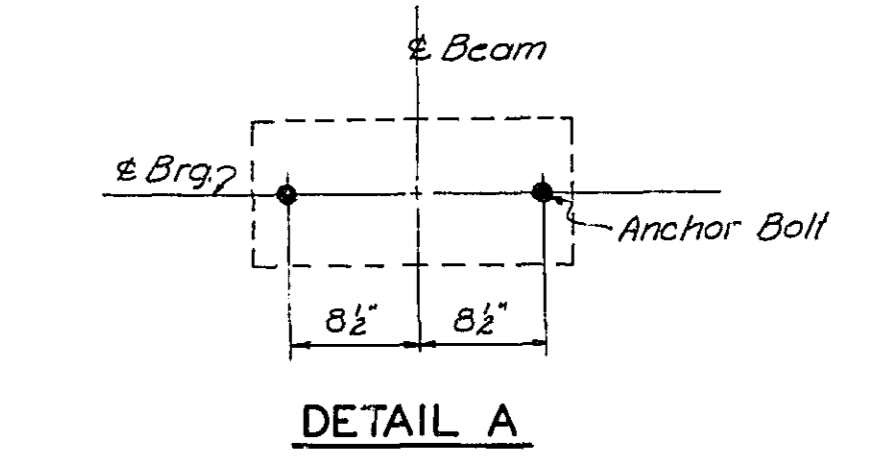
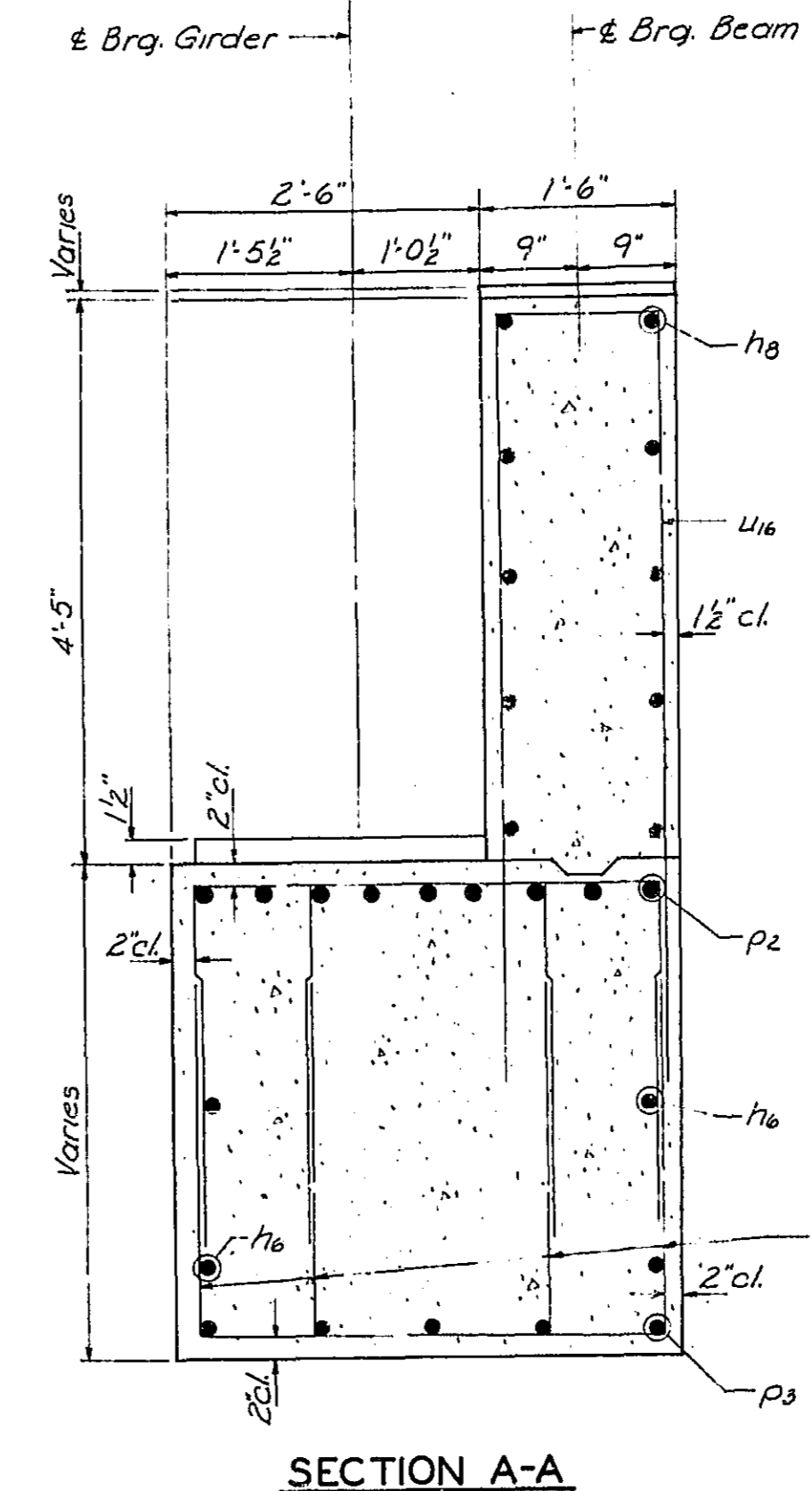
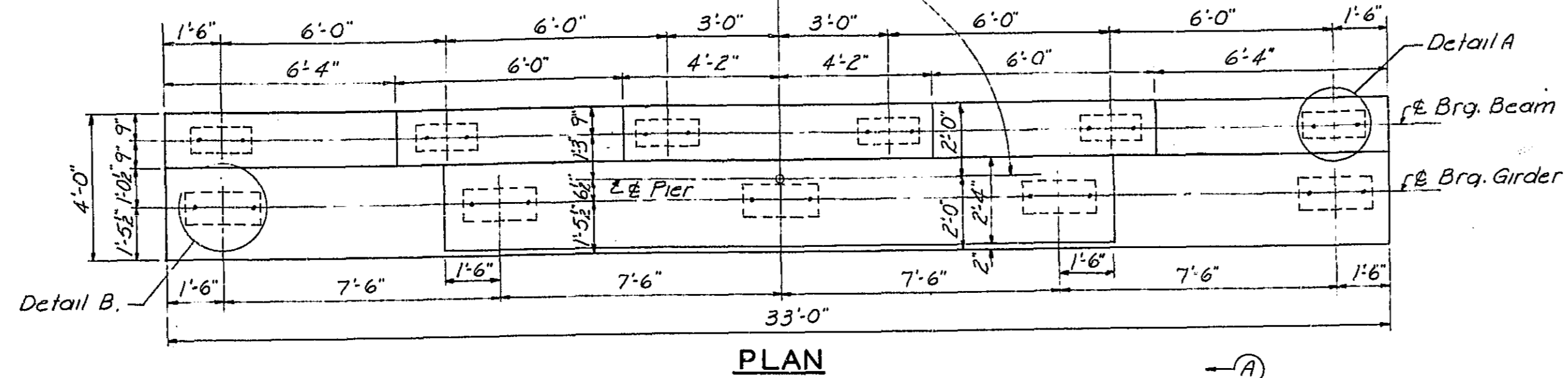


PIERS 1, 2, 3, 8, 9 & 10
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+2500 (2)

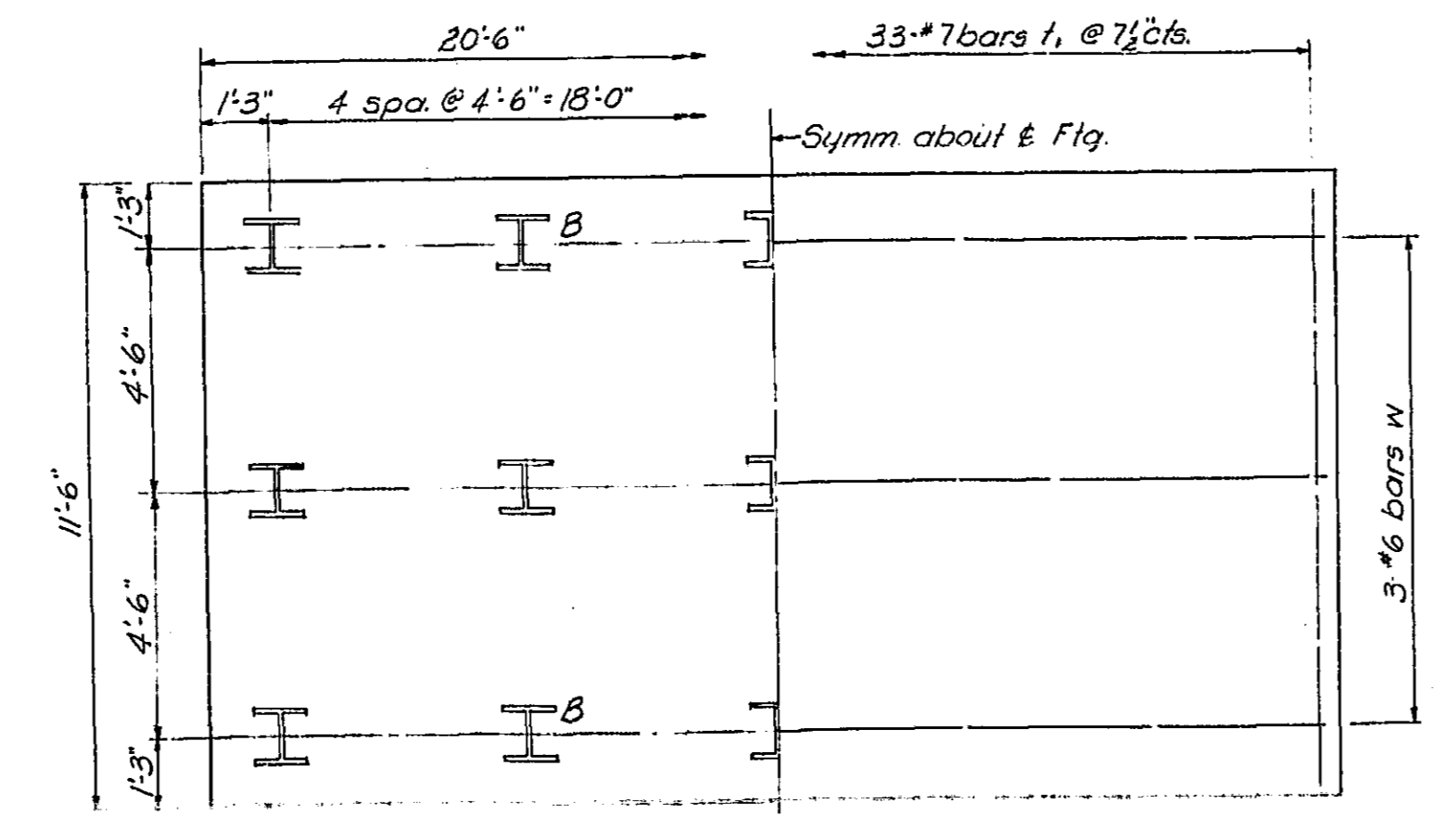
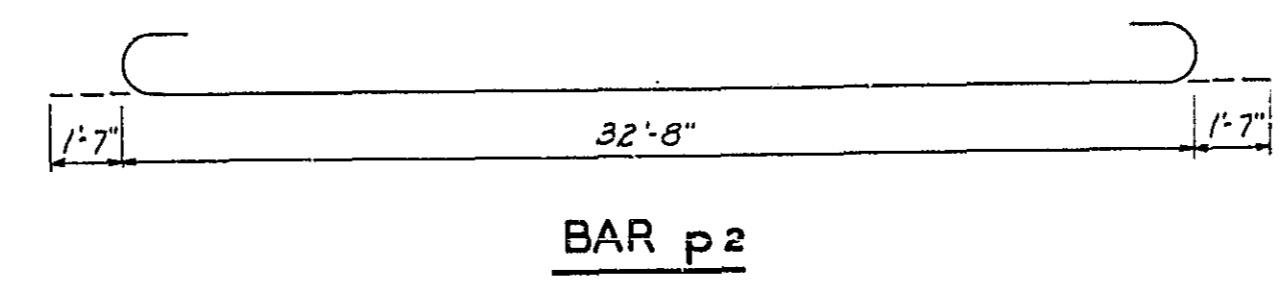
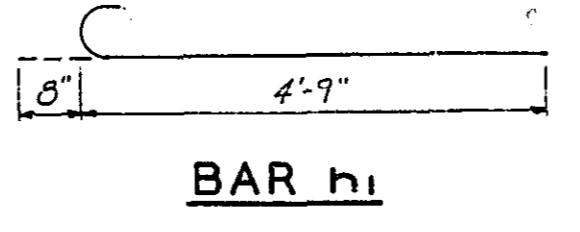
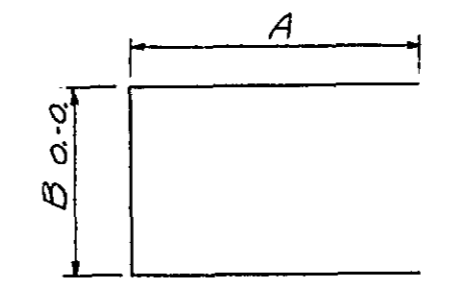


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 55	2B-F	SANGAMON	34	17
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT		19	17



BAR	A	B
u4	1'-6"	3'-6"
u10	3'-4"	2'-10"
u11	2'-3"	2'-10"
u12	1'-6"	3'-6"
u14	1'-6"	1'-1"
u18	6'-0"	1'-3"



PILE DATA

Type	Steel Piles 12BP 53
No. Req'd.	60
Min. Capacity	40 tons
Est. Length	55'

DESIGNED V. F. Schulte
CHECKED A.S.E.
DRAWN D.J.M.
CHECKED V.F.S.

EXAMINED [Signature]
PASSED [Signature]
APPROVED [Signature]

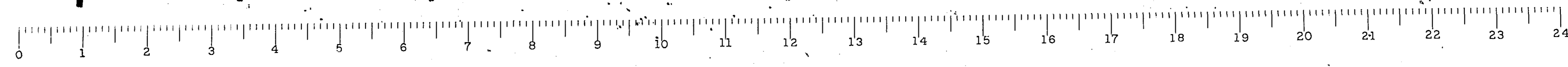
Piles marked 'B' shall be battered as shown in End View.

**BILL OF MATERIAL - 2 BRIDGES
PIERS 4 & 7**

BAR NO.	NO.	SIZE	LENGTH	SHAPE
h8	88	#5	16'-8"	—
h9	32	#5	17'-1"	—
h7	40	#4	20'-0"	—
h6	80	#4	6'-0"	—
u1	160	#6	5'-5"	C
p2	36	#11	35'-10"	C
p3	40	#5	9'-0"	—
h1	132	#7	11'-2"	—
u7	88	#5	6'-6"	—
u10	160	#5	9'-6"	—
u11	160	#5	8'-2"	—
u12	32	#6	6'-6"	—
u13	40	#6	4'-1"	—
u14	152	#6	13'-3"	—
w	12	#6	20'-2"	—
v8	320	#6	10'-6"	—
Class A Concrete				Cu Yds. 391.1
Reinforcement Bars				Lbs. 27,040
Steel Piles (12BP53)				Lin. Ft. 3,300
Class A Excavation				Cu Yds. 455
Class B Excavation				Cu Yds. 175

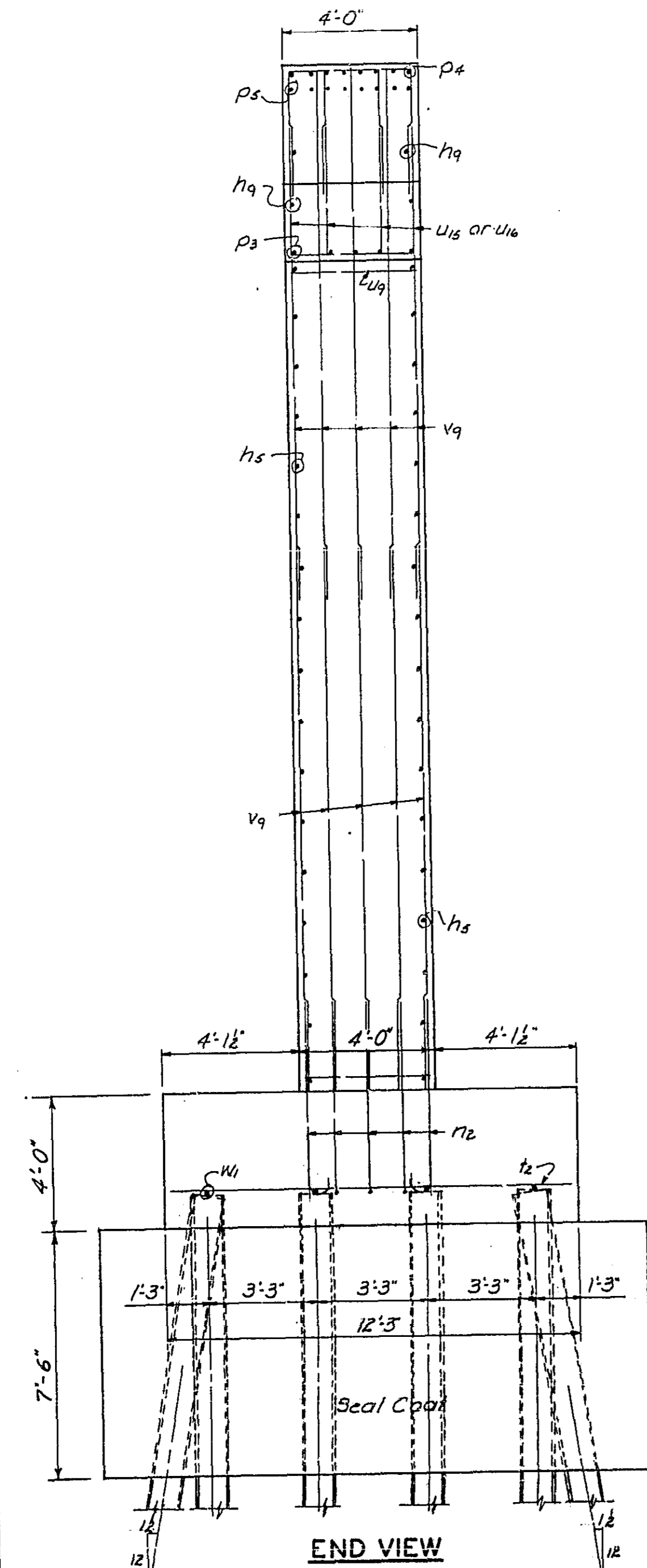
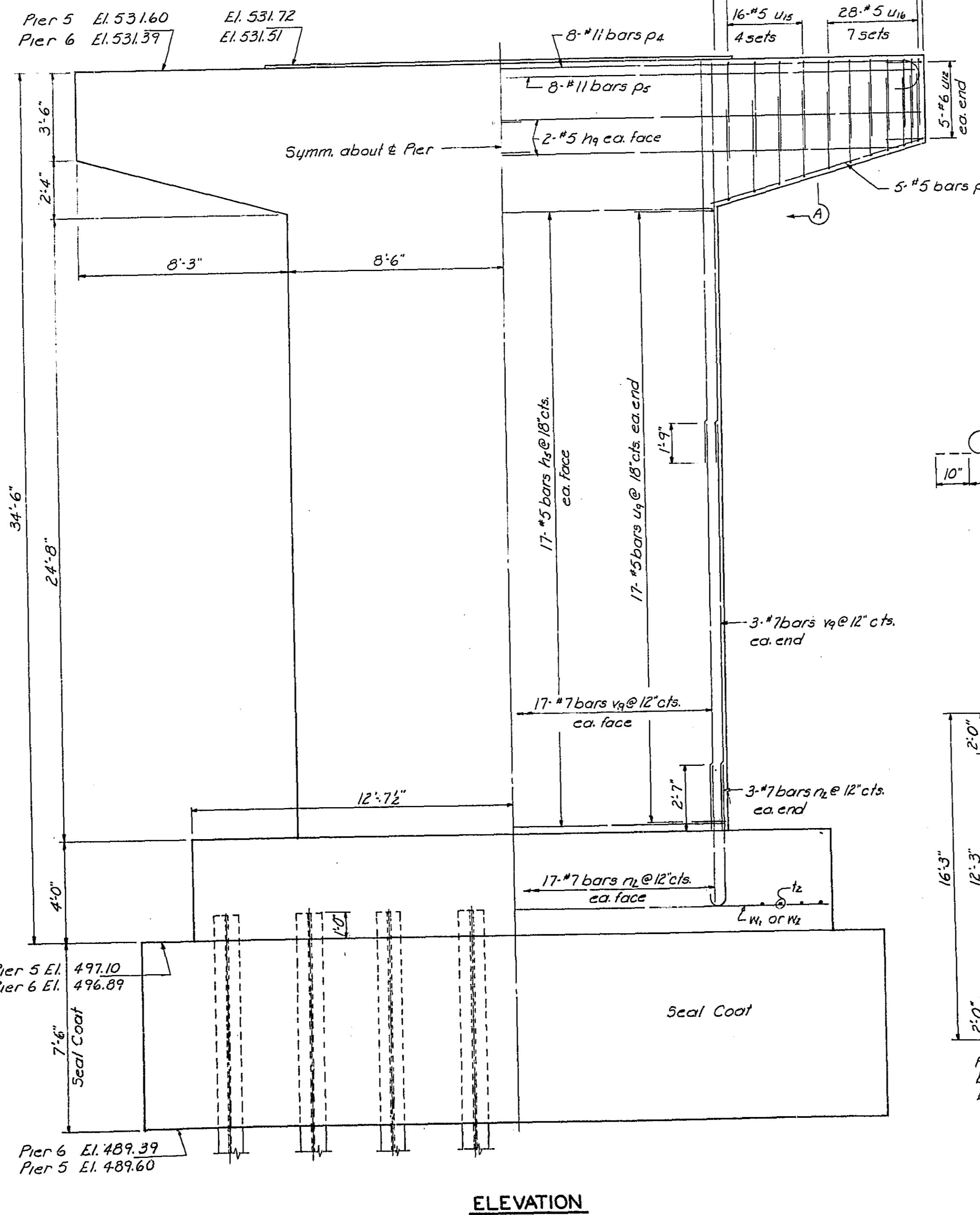
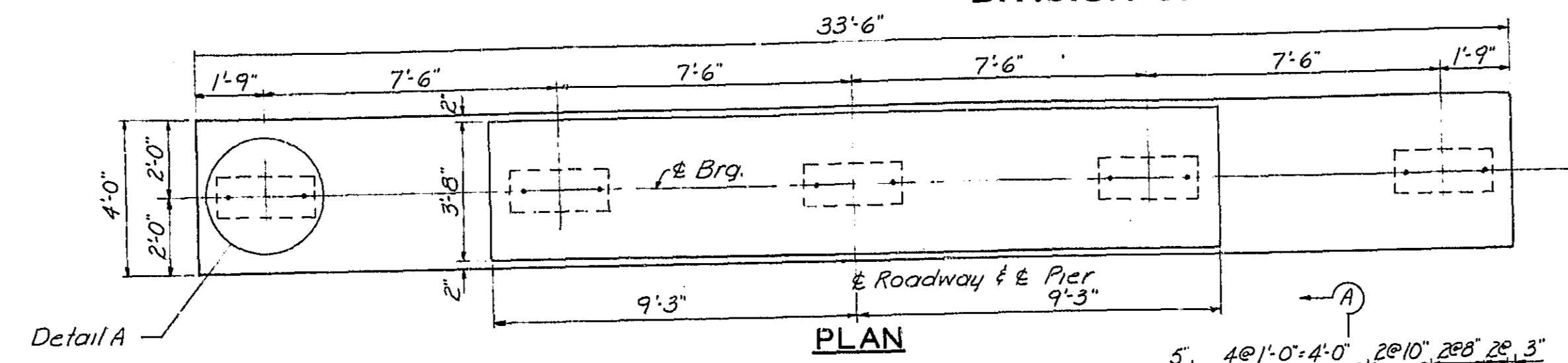
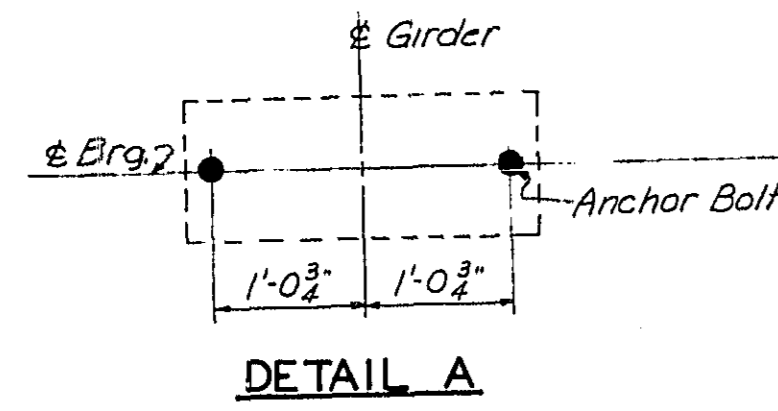
PIERS 4 & 7
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

Revised - Hanson Collins & Rice 10/14/53



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55	84-2B	SANGAMON	37	18
FED. ROAD DIST. NO. 7			ILLINOIS PROJECT	

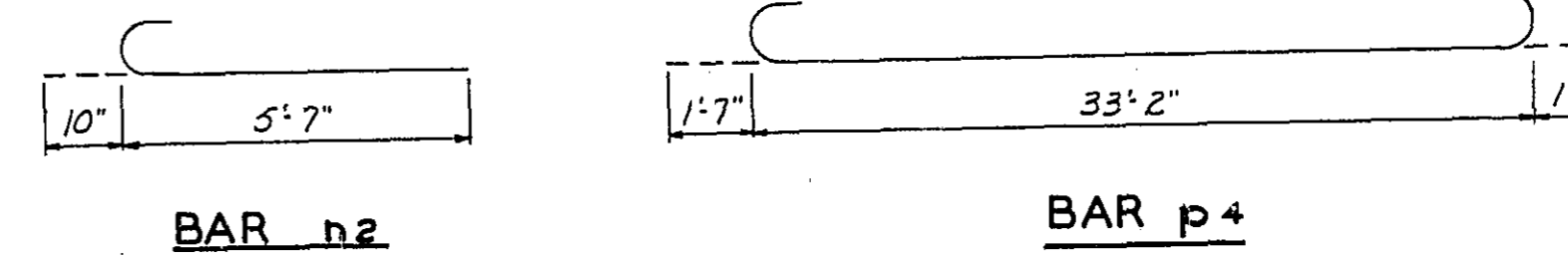


PILE DATA

Type Steel Piles 12 BP53
No. Req'd 128
Min. Capacity 45 tons
Est. Length 43'
* Includes 4 Test Piles

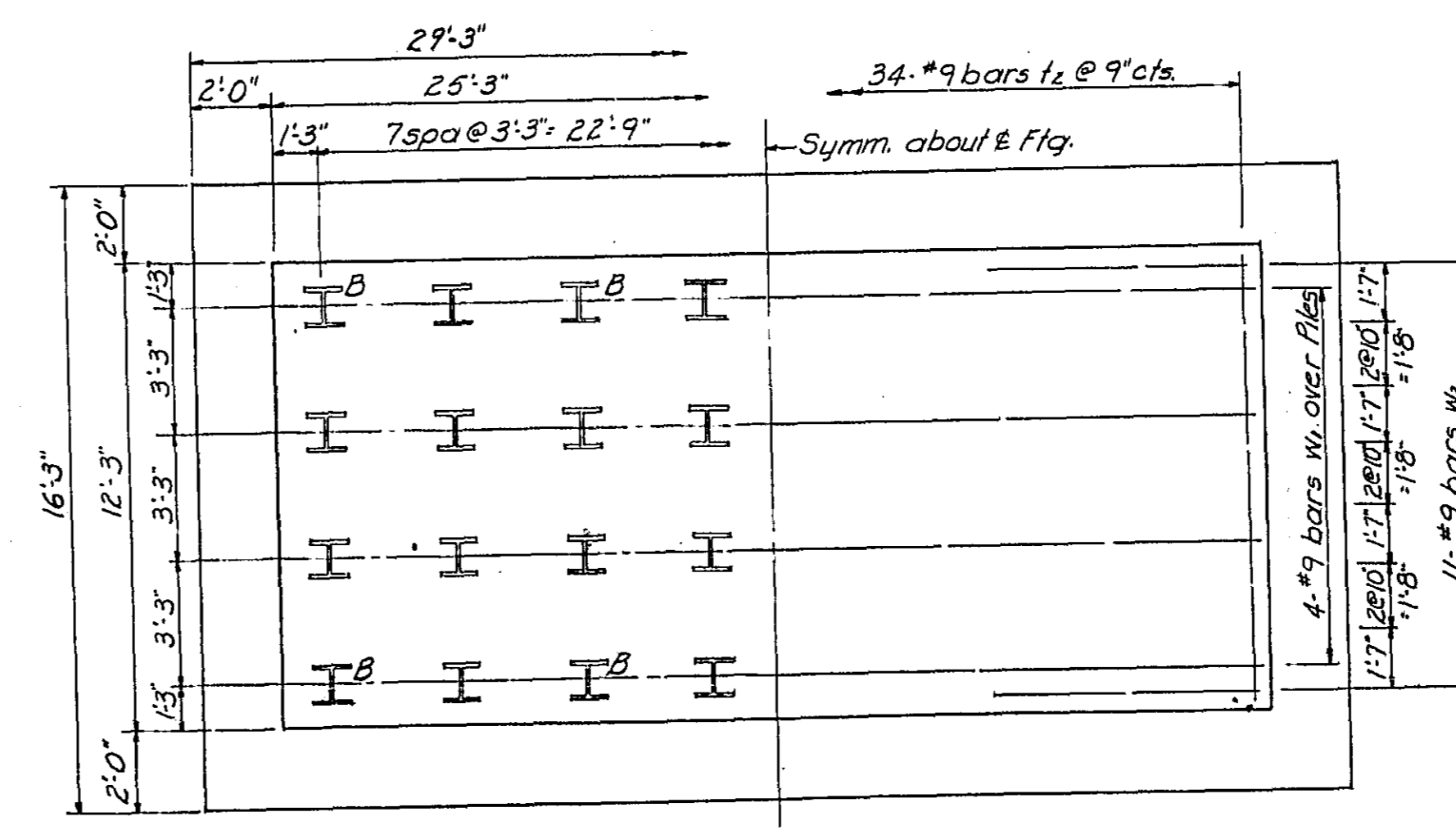
BAR	A	B
u9	1'-6"	3'-6"
u12	1'-6"	3'-6"
u15	3'-9"	2'-8"
u16	3'-2"	2'-8"

BAR U



BILL OF MATERIAL - 2 BRIDGES
PIERS 5 & 6

BAR	NO.	SIZE	LENGTH	SHAPE
p5	136	#5	16'-8"	
h9	32	#5	17'-4"	
r2	160	#7	6'-5"	C
p3	40	#5	9'-3"	
p4	32	#11	36'-4"	
p5	32	#11	33'-2"	
l2	136	#9	11'-11"	
u9	136	#5	6'-6"	
u12	40	#5	6'-6"	
u15	128	#5	10'-2"	
u16	224	#5	9'-0"	
v9	320	#7	16'-0"	
w1	16	#9	24'-11"	
w2	88	#9	7'-0"	
Class A Concrete			Cu Yds.	537.4
Reinforcement Bars			Lbs.	41,445
Steel Piles (12 BP53)			Lin. Ft.	5,332
Test Piles			Ea.	4
Cofferdam Excavation			Cu Yds.	2010
Cofferdams			Ea.	4
Seal Coat Concrete			Cu Yds.	528



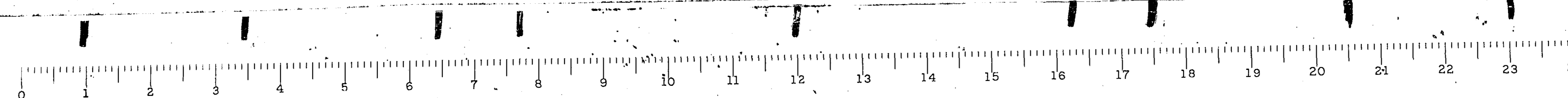
Piles marked 'B' shall be battered as shown in End View.

FOOTING PLAN

PIERS 5 & 6
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)

DESIGNED V.F. Schulte
CHECKED A.C.C.
DRAWN D.J.M.
CHECKED V.F.S.
EXAMINED [Signature]
APPROVED [Signature]

Revised-Hansen Collins & Rice 10/14/58

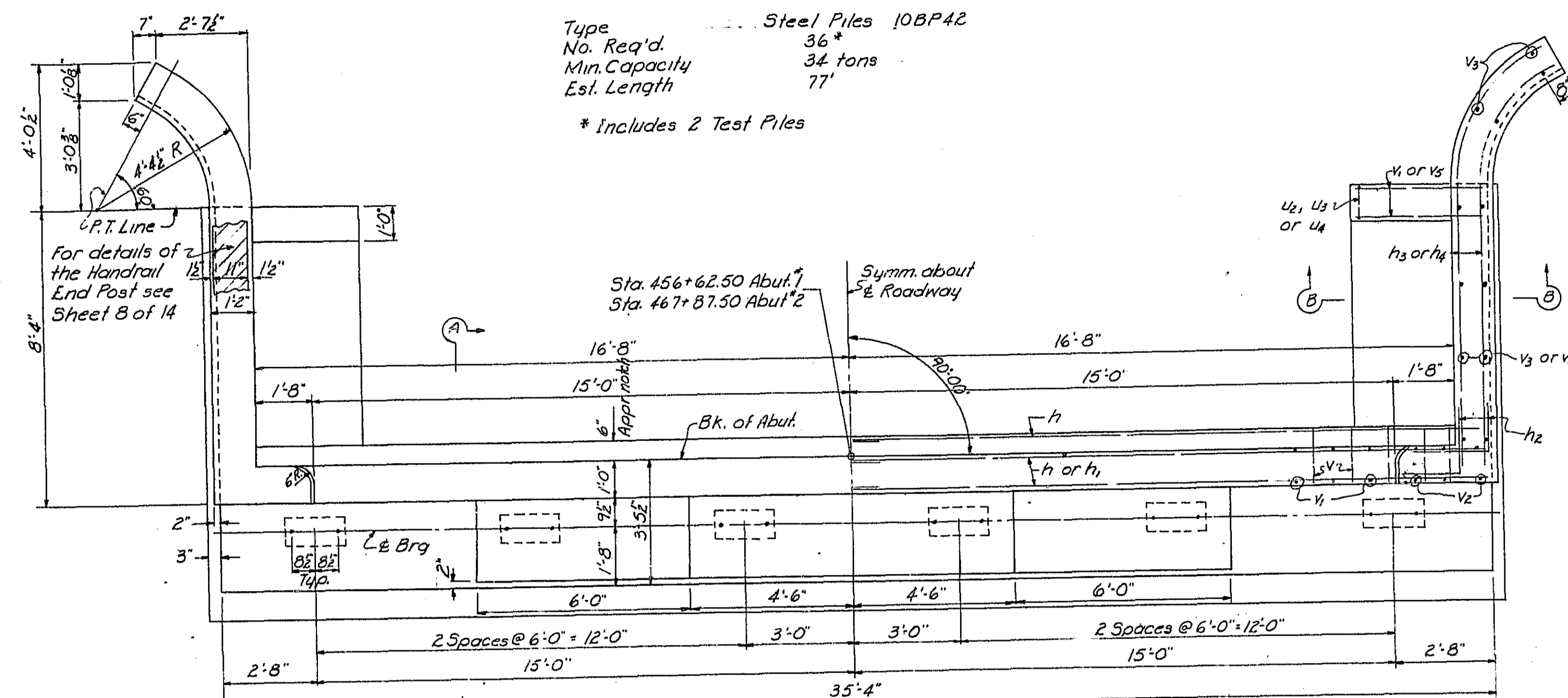


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

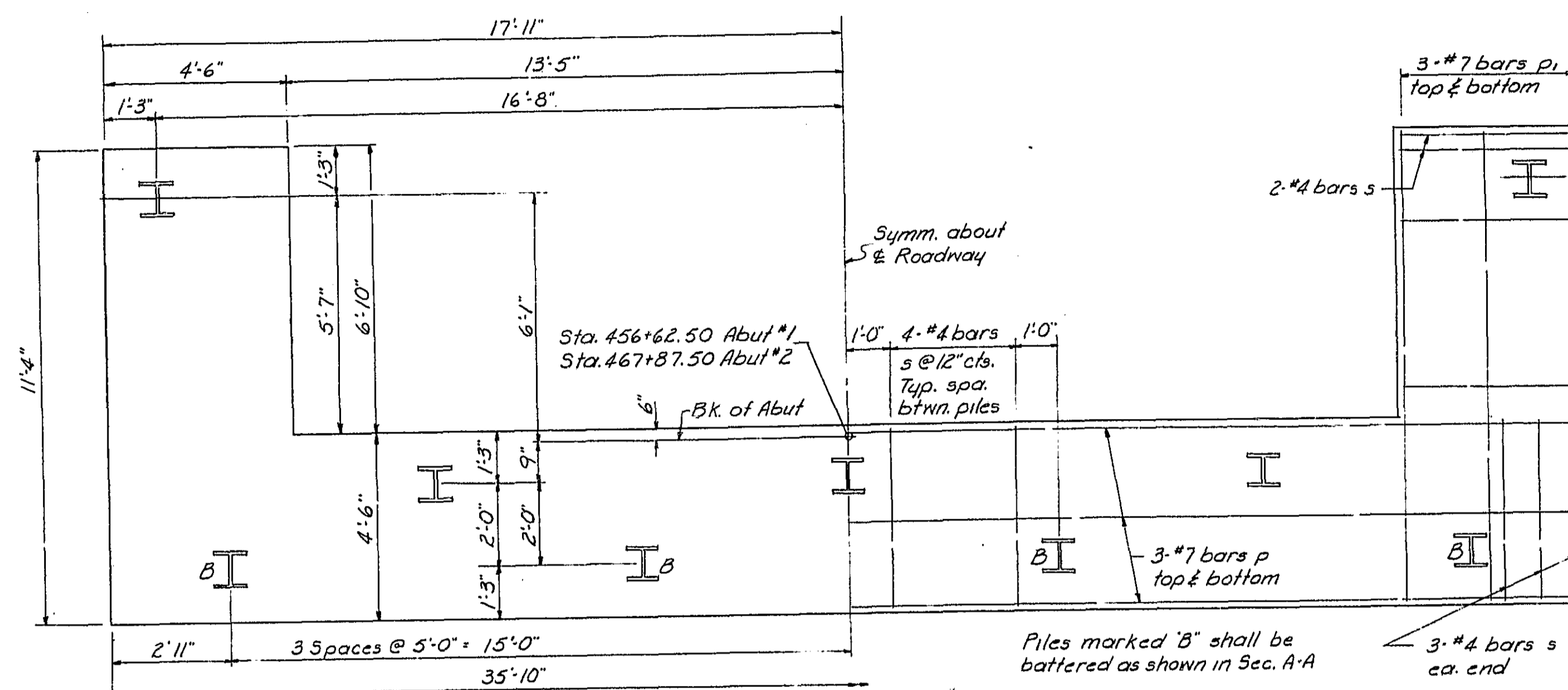
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 55	2B-27	SANGAMON	21	19
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT		17	19

PILE DATA

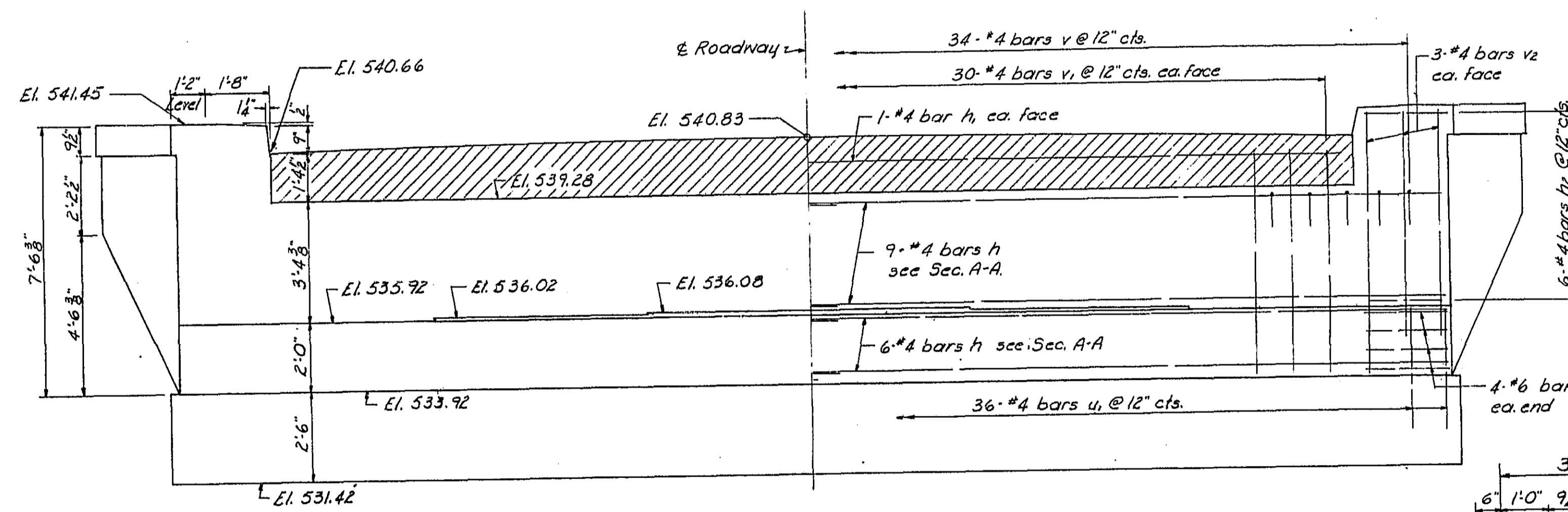
Type Steel Piles 10BP42
No. Req'd. 36
Min. Capacity 34 tons
Est. Length 77'
* Includes 2 Test Piles



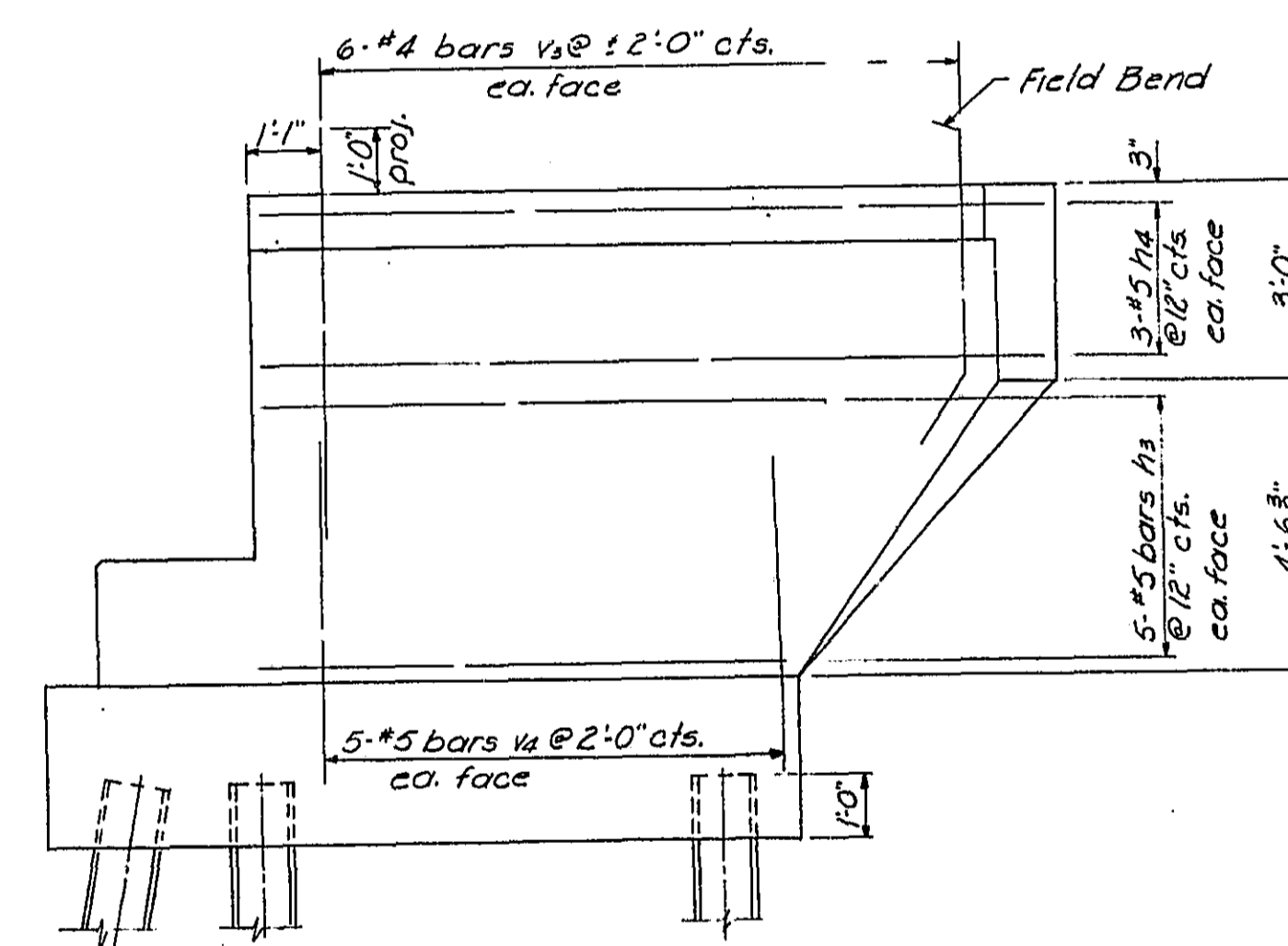
PLAN-ABUTMENT



PLAN-FOOTING



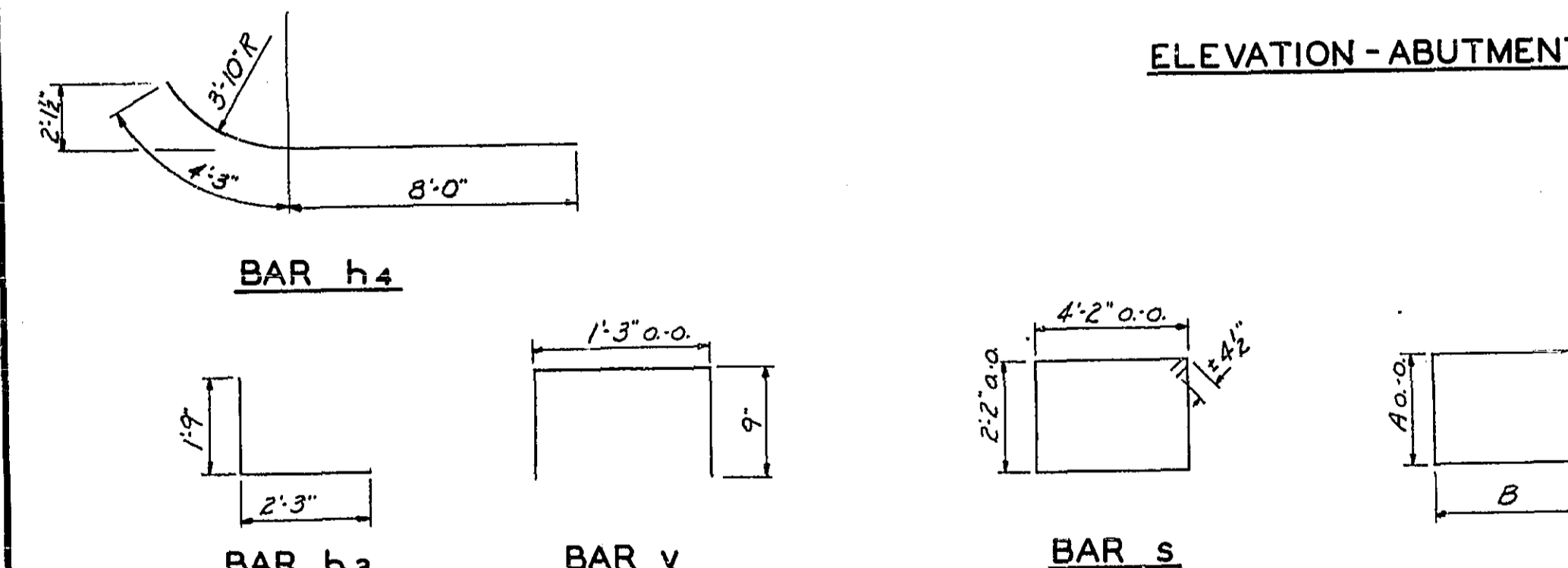
ELEVATION-ABUTMENT



SIDE ELEVATION OF WING WALL

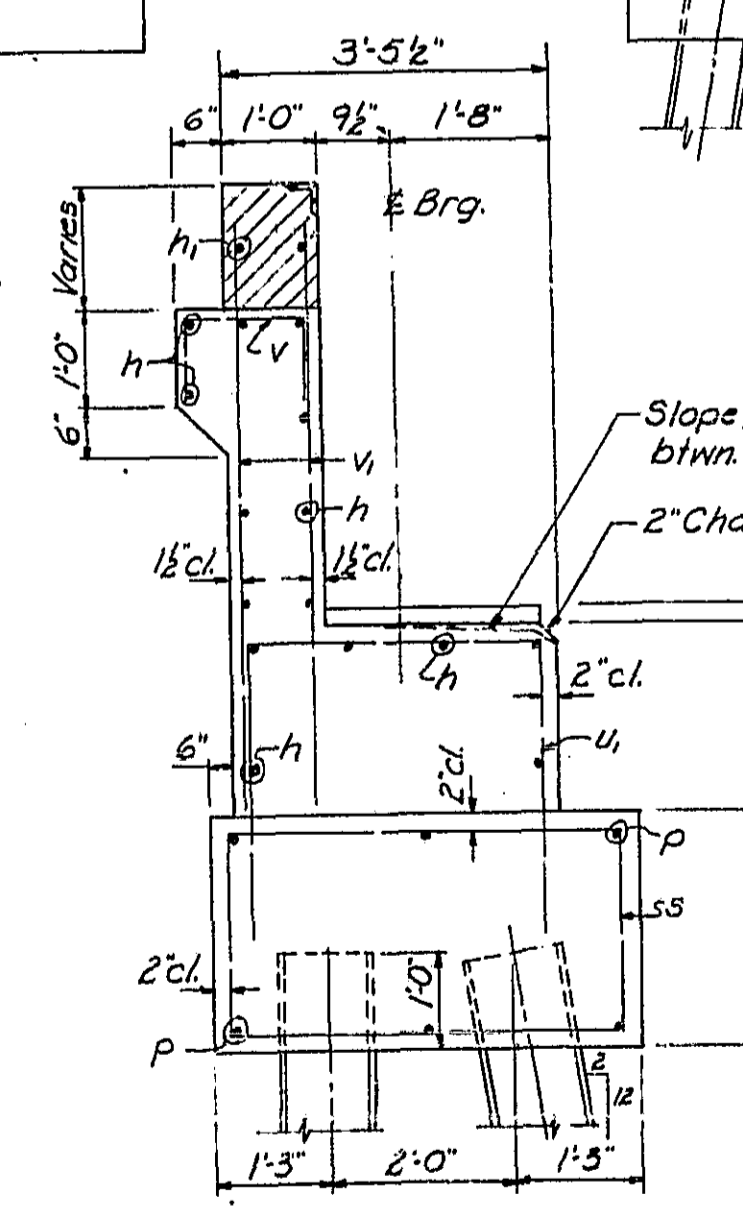
BILL OF MATERIAL
4-ABUTMENTS

BAR	NO.	SIZE	LENGTH	SHAPE
h	120	#4	18'-3"	—
h ₁	8	#4	29'-9"	—
h ₂	96	#4	4'-0"	—
h ₃	80	#5	8'-0"	—
h ₄	48	#5	12'-3"	—
p	24	#7	35'-6"	—
p ₁	48	#7	11'-0"	—
s	176	#4	13'-5"	□
u	32	#6	9'-0"	—
u ₁	144	#4	10'-1"	—
u ₂	16	#4	3'-5"	—
u ₃	16	#4	5'-9"	—
u ₄	8	#4	8'-1"	—
v	136	#4	2'-9"	—
v ₁	256	#4	6'-6"	—
v ₂	48	#4	7'-3"	—
v ₃	96	#4	6'-3"	—
v ₄	80	#5	5'-3"	—
v ₅	16	#6	9'-0"	—
Class X Concrete				Cu Yds. 168.6
Reinforcement Bars				Lbs. 11,750
Steel Pile (10BP42)				Lin. Ft. 2618
Test Piles				Ea. 2

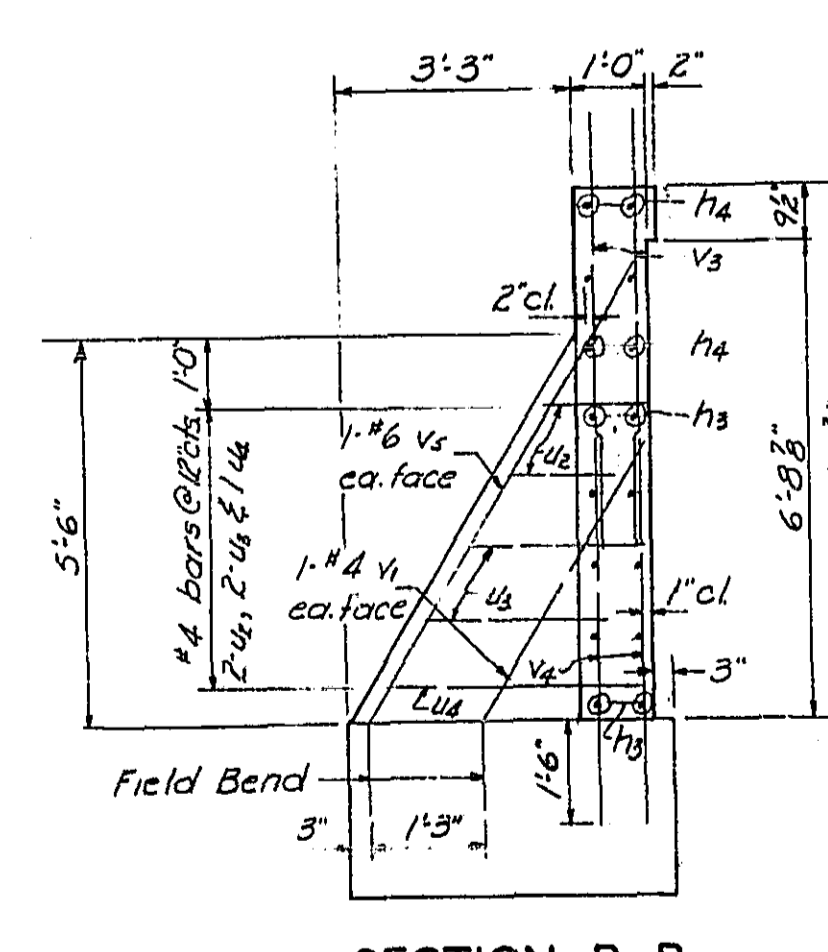


BAR	A	B
u	3'-0"	3'-0"
u ₁	3'-7"	3'-6"
u ₂	9"	1'-4"
u ₃	9"	2'-6"
u ₄	9"	3'-5"

Note: Concrete in shaded portion not to be poured until Superstructure is in place.



SECTION A-A

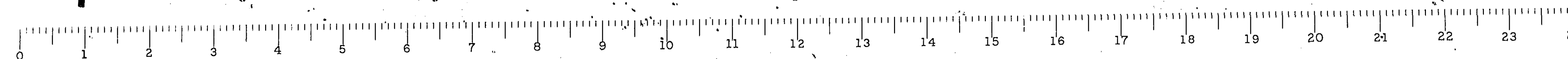


SECTION B-B

DESIGNED Y. F. Schulte
CHECKED E. D. C.
DRAWN D. J. M.
CHECKED Y. F. S.

EXAMINED [Signature]
PASSED [Signature]
APPROVED [Signature]

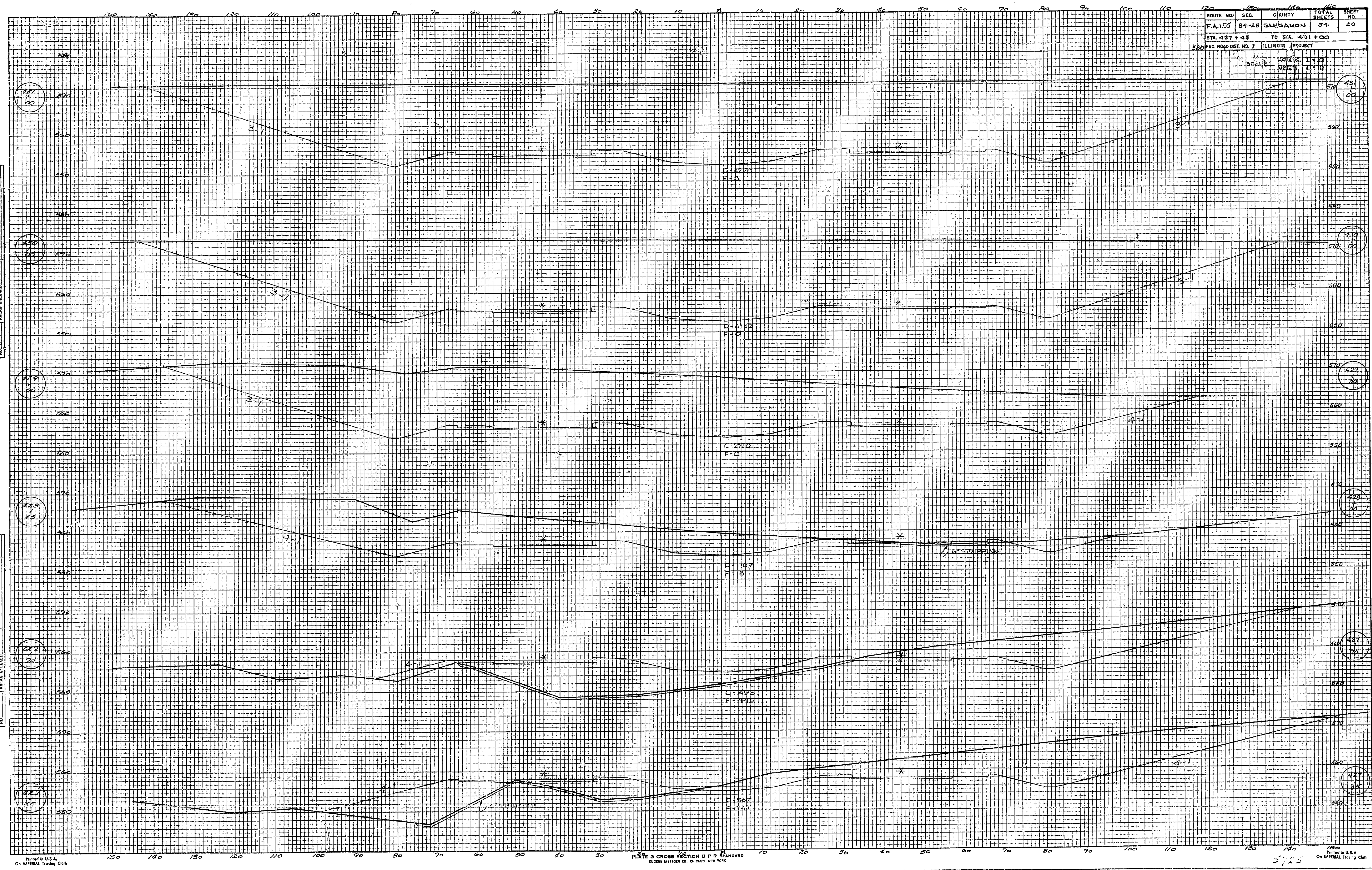
ABUTMENTS
F.A.I. ROUTE 55 OVER SANGAMON RIVER
F.A.I. ROUTE 55 SECTION 84-2B-F
SANGAMON COUNTY
STATION 462+25.00 (2)



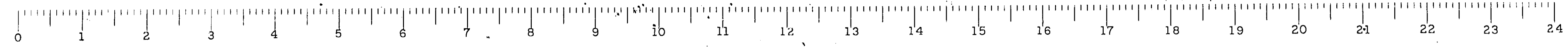
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA. 155	84-28	DANGLAMON	34	20
STA. 427+45		TO STA. 431+00		
EXP. ROAD DIST. NO. 7 ILLINOIS PROJECT				
SCALE		HORIZ. 1" = 10'		
		VERT. 1" = 10'		

DATE	BY
11/22	
DATE	BY
11/22	
DATE	BY
11/22	
DATE	BY
11/22	

DATE	BY
DATE	BY
DATE	BY
DATE	BY



Printed in U.S.A. On IMPERIAL Tracing Cloth
 PLATE 3 CROSS SECTION B P R STANDARD
 ENGINE DISTRICT CO. CHICAGO, NEW YORK
 Printed in U.S.A. On IMPERIAL Tracing Cloth

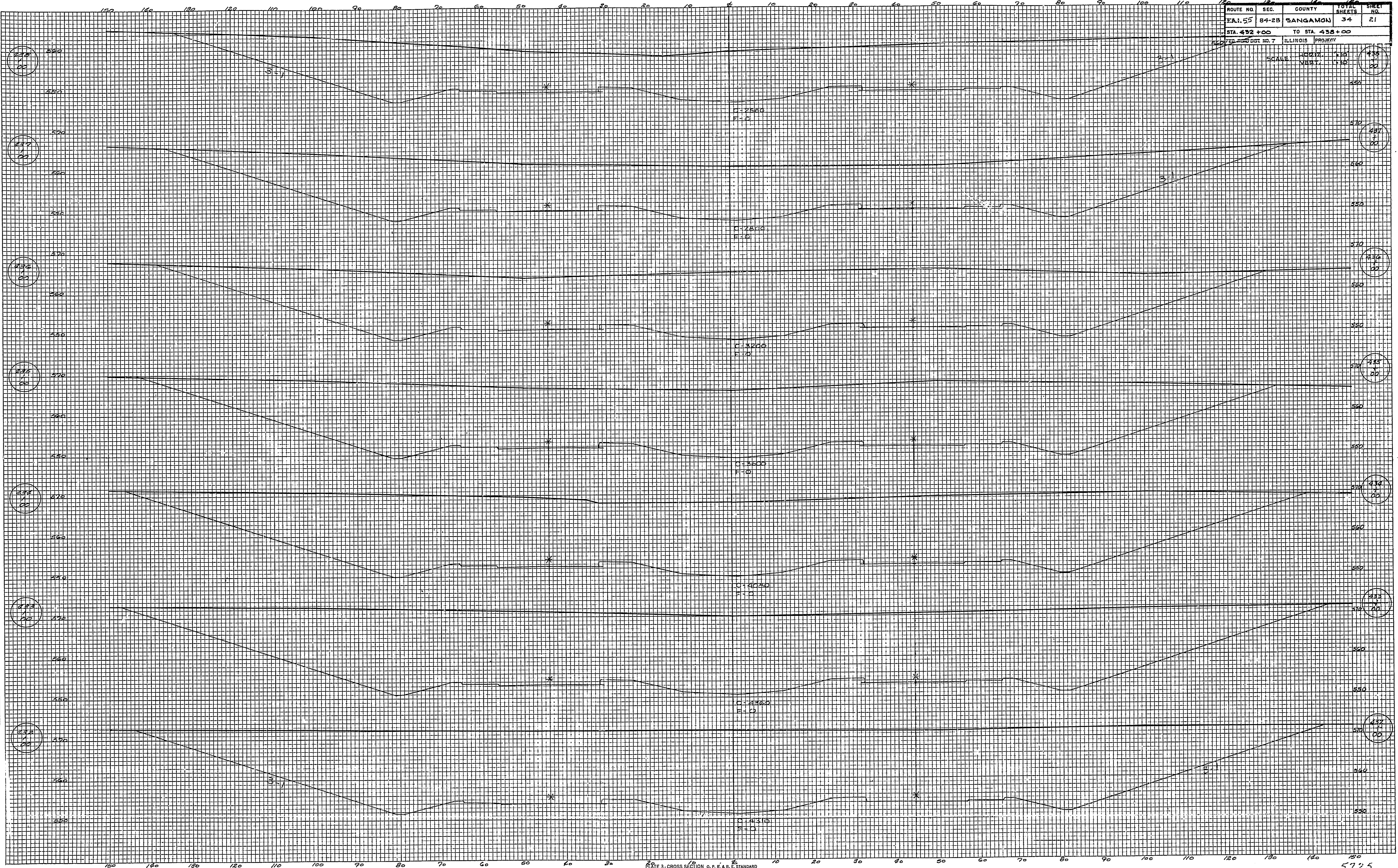


FINAL SURVEY PLOTTED AREAS CHECKED
 NO. 2824

ORIGINAL SURVEY PLOTTED AREAS CHECKED
 NO. 2824

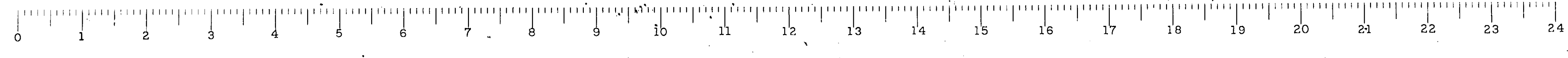
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
EA. 55	84-2B	SANGAMON	34	21

STA. 492+00 TO STA. 498+00
 ILLINOIS PROPERTY
 SCALE: HORIZ. 1"=100' VERT. 1"=20'



TYPE 3 - CROSS SECTION O. P. N. & E. STANDARD
 KEUFFEL & ESSER CO., NEW YORK
 K & E Co. No. 348-3C

5725



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA. 165	84-28	SANGAMON	34	22

STA. 439+00 TO STA. 446+00

FEA. ROAD DIST. NO. 7 ILLINOIS PROJECT

SCALE: HORIZ. 1"=100' VERT. 1"=10'

FINAL SURVEY
 SURVEYED BY: [Signature]
 PLOTTED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Date]
 NOTE BOOK NO. [Number]
 AREA CHECKED: [Number]

ORIGINAL SURVEY
 SURVEYED BY: [Signature]
 PLOTTED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Date]
 NOTE BOOK NO. [Number]
 AREA CHECKED: [Number]

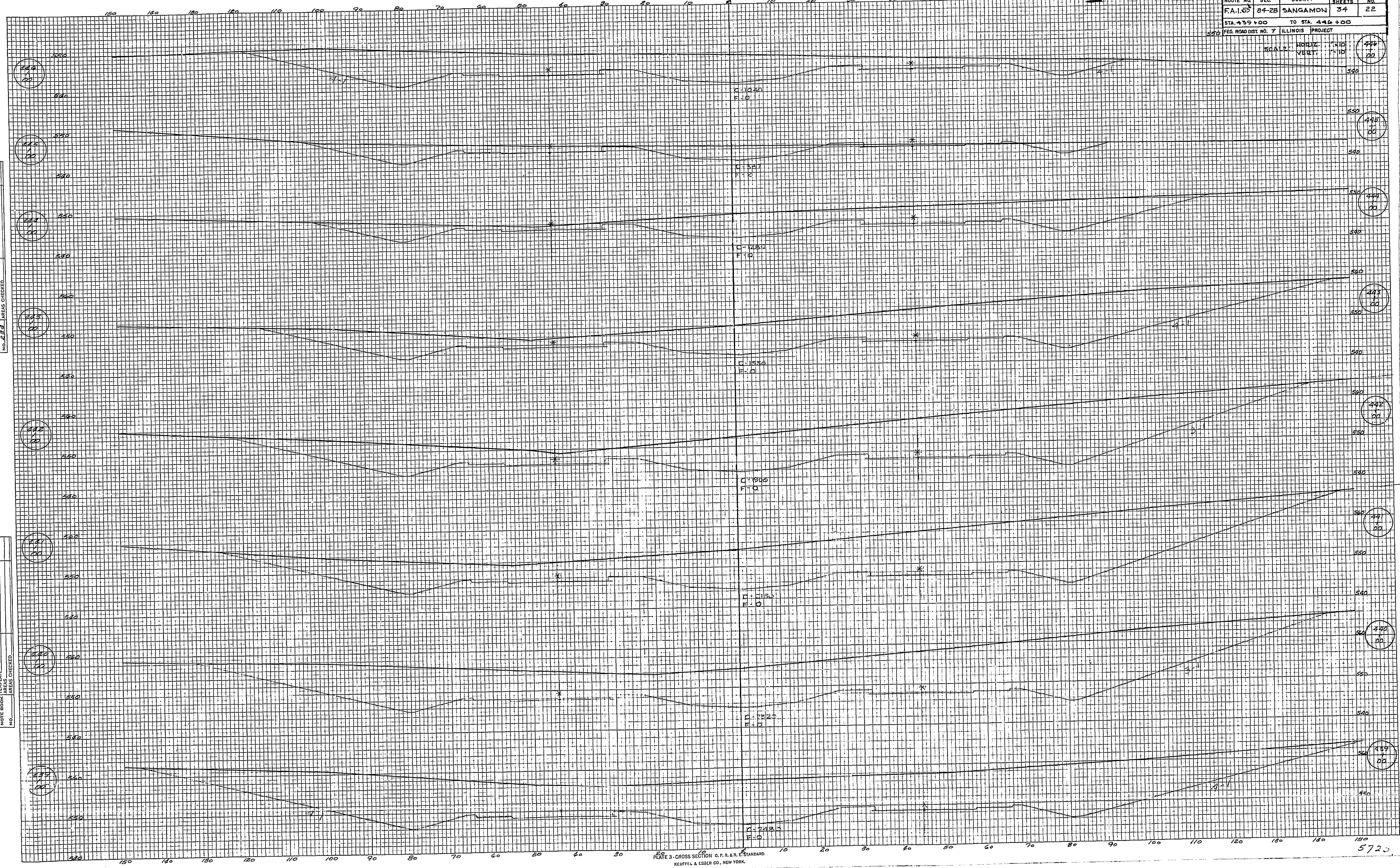
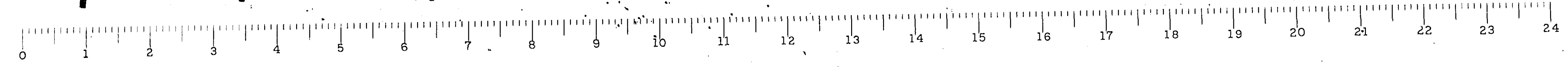


PLATE 3 - CROSS SECTION O.P.A.R.E. STANDARD
 KEUFFEL & ESSER CO., NEW YORK
 K & E Co. No. 348-3C
 1923

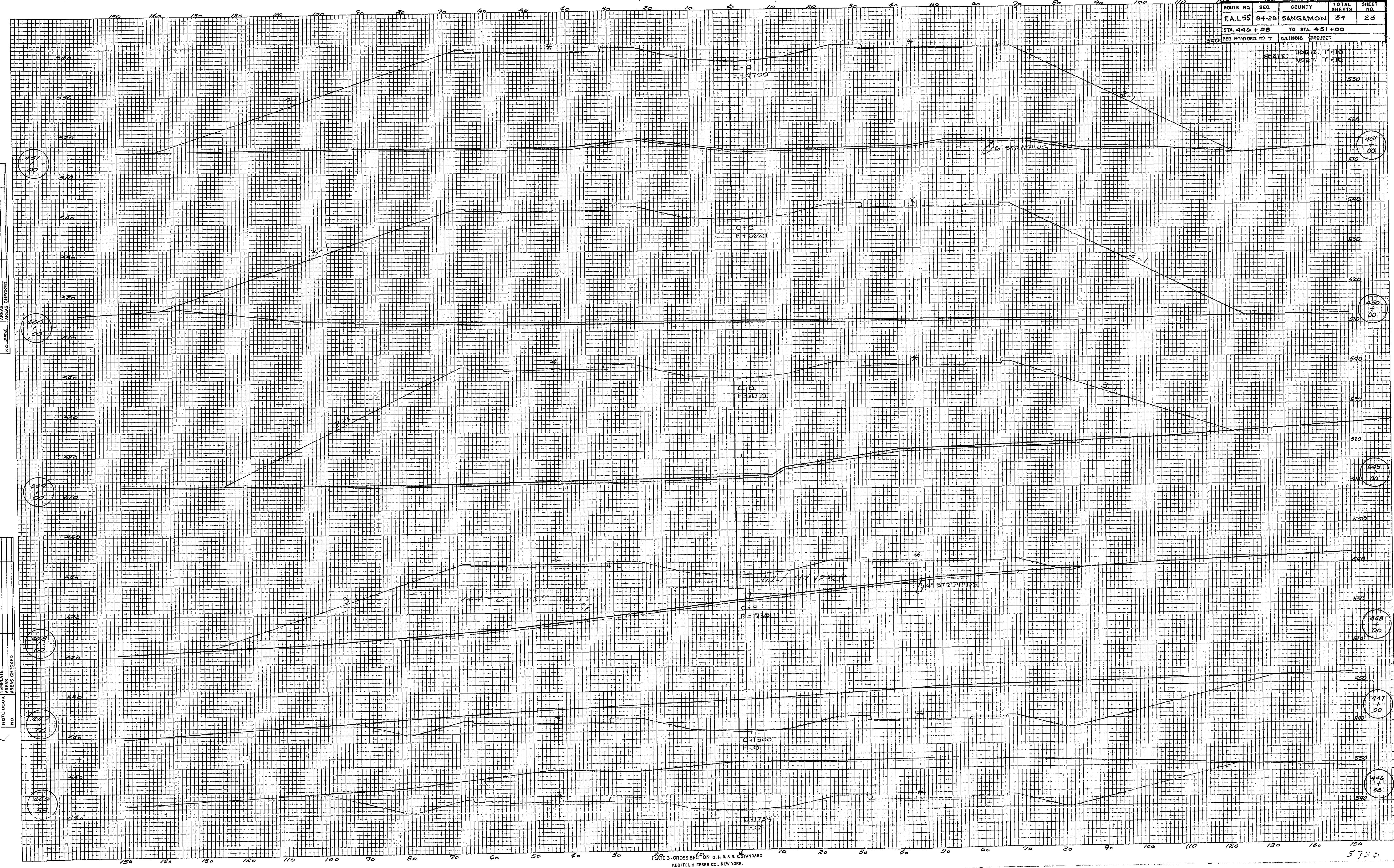


5723

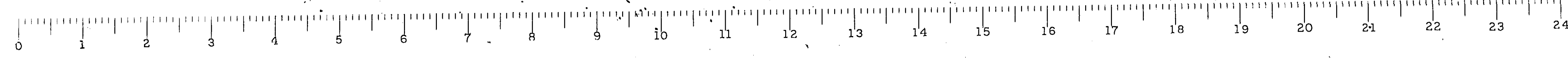
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 55	84-2B	SANGAMON	34	23
STA. 446+28		TO STA. 451+00		
FED. PROJECT NO. 7 ILLINOIS PROJECT				
SCALE:		HORIZ. 1" = 10'	VERT. 1" = 10'	

FINAL SURVEY
 SURVEYED, PLOTTED, AND CHECKED
 DATE: 12/15/54
 BY: E. J. [unclear]
 NO. 232

ORIGINAL SURVEY
 SURVEYED, PLOTTED, AND CHECKED
 DATE: [unclear]
 BY: [unclear]
 NO. [unclear]



PORTER-CROSS SECTION O. R. H. & S. STANBARD
 KEUFFEL & ESSER CO., NEW YORK
 K & E CO. NO. 348-30



5720

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA 1.53	89-2B	SANGAMON	34	24
STA. 476 + 00 LT. TO STA. 476 + 30 LT.				
I.L.L. ROAD DIST. NO. 7 ILLINOIS PROJECT				

SCALE: HORIZ. 1" = 100' VERT. 1" = 10'

DATE: _____ BY: _____

FINAL SURVEY SUBMITTED: _____ SURVEY TECH. DATE: _____

NOTE BOOK NO. _____ AREAS CHECKED: _____

DATE: _____ BY: _____

FINAL SURVEY SUBMITTED: _____ SURVEY TECH. DATE: _____

NOTE BOOK NO. _____ AREAS CHECKED: _____

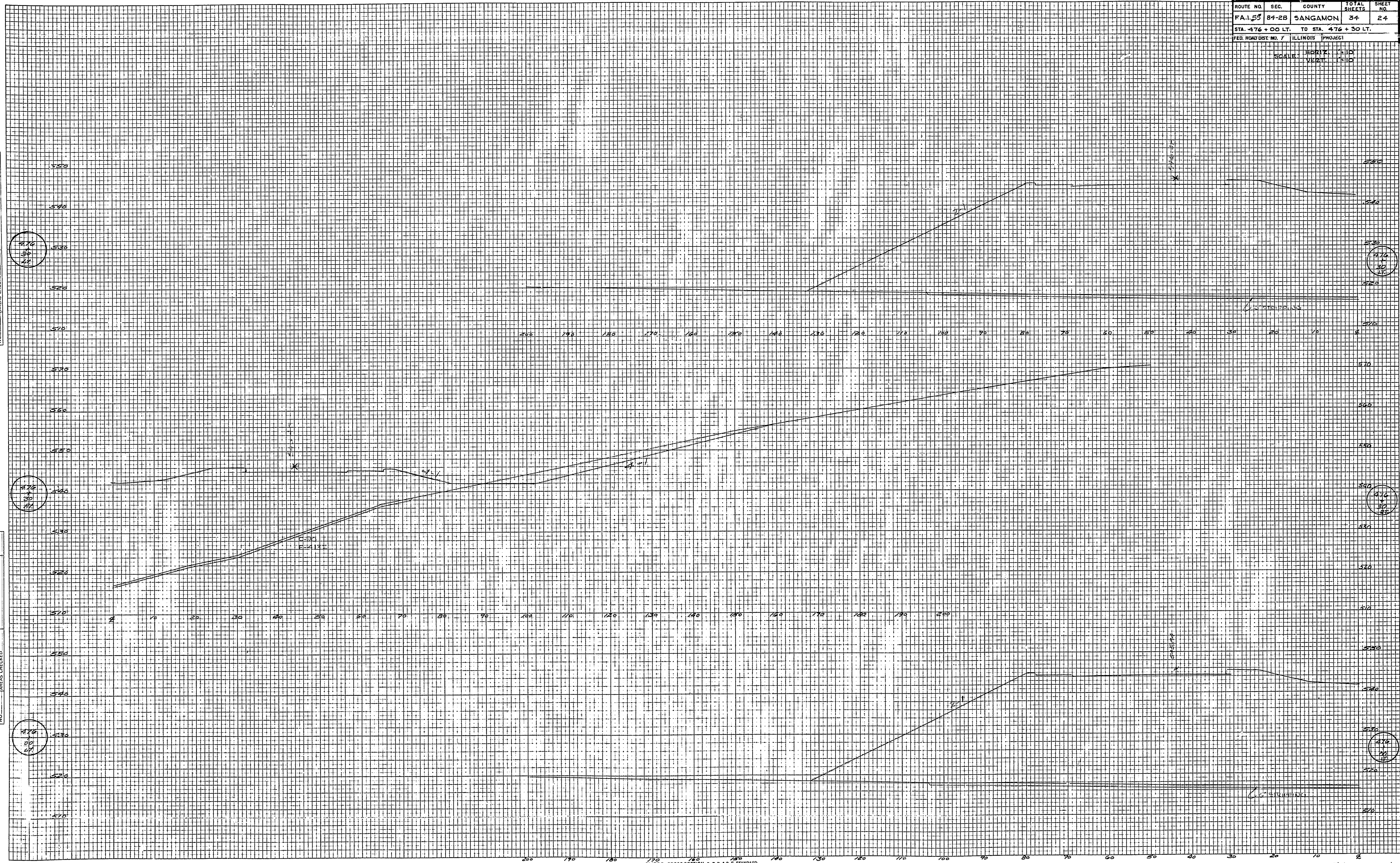
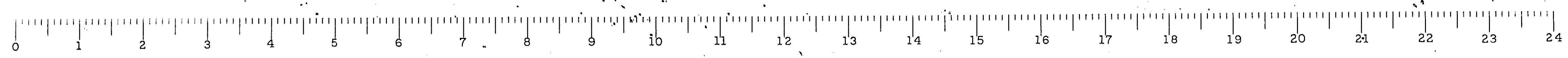


PLATE 3 - CROSS SECTION A, P. R. & S. STANDARD
K & E CO. No. 048-30



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA155	84-28	SANGAMON	34	26
STA. 477+71 RT.		TO STA. 478+00 RT.		
PED. ROAD DIST. NO. 7 ILLINOIS PROJECT				

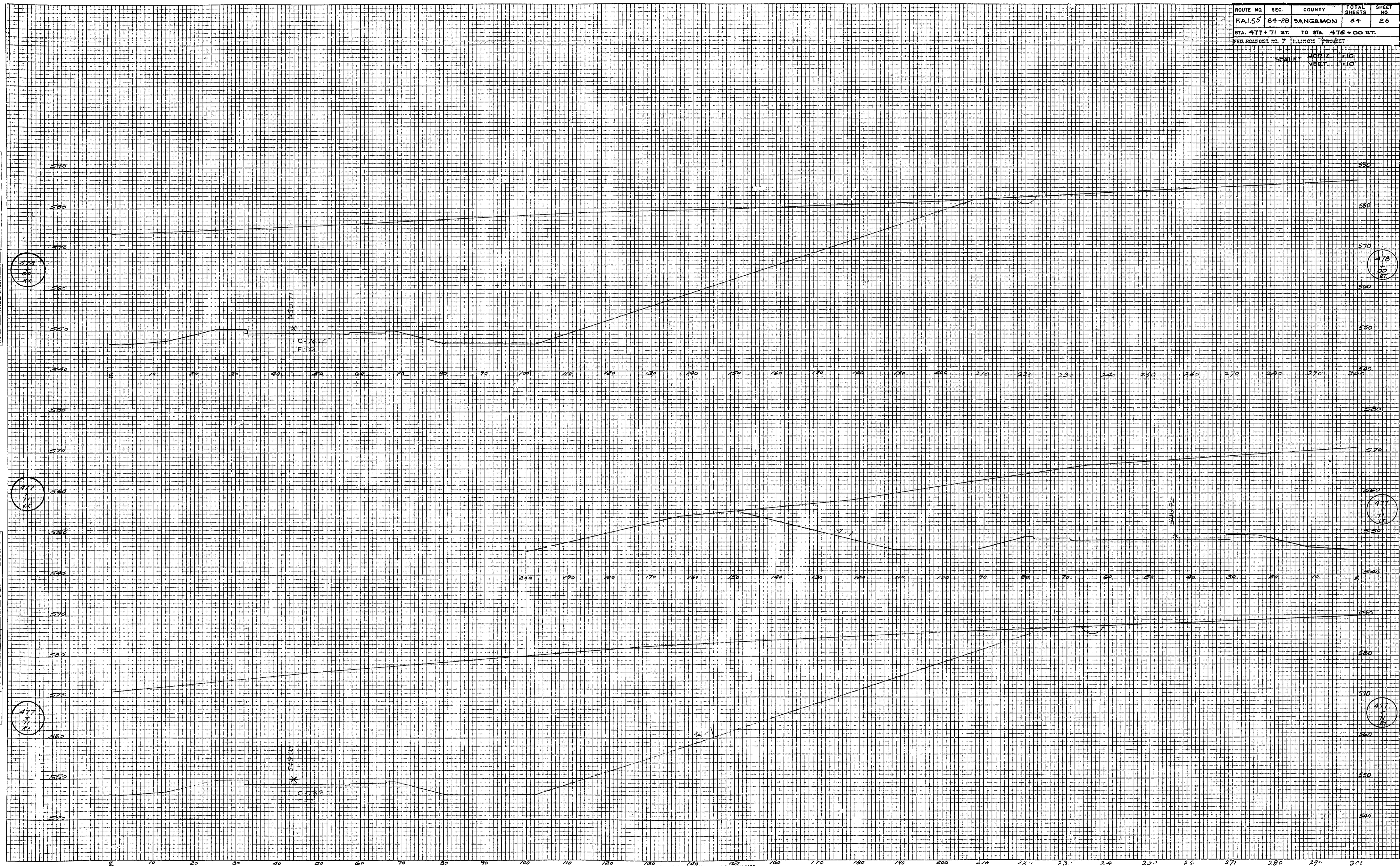
SCALE: HORIZ. 1"=100' VERT. 1"=10'

DATE: _____ BY: _____

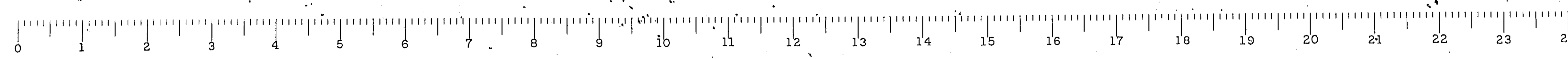
FINAL SURVEY
 SURVEYED BY: _____
 CHECKED BY: _____
 DATE: _____

DATE: _____ BY: _____

ORIGINAL SURVEY
 SURVEYED BY: _____
 CHECKED BY: _____
 DATE: _____



CROSS SECTION (P.P. & A. E. STANDARD)
 KEUFFEL & ESSER CO., NEW YORK
 N. E. CO. NO. 346-30
 MADE IN U.S.A.



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA 155	84-2B	SANGAMON	34	27

STA. 478+00 TO STA. 479+50 RT.
 ILLINOIS PROJECT

FINAL SURVEY
 DATE: _____
 BY: _____
 CHECKED: _____
 NO. _____

ORIGINAL SURVEY
 DATE: _____
 BY: _____
 CHECKED: _____
 NO. _____

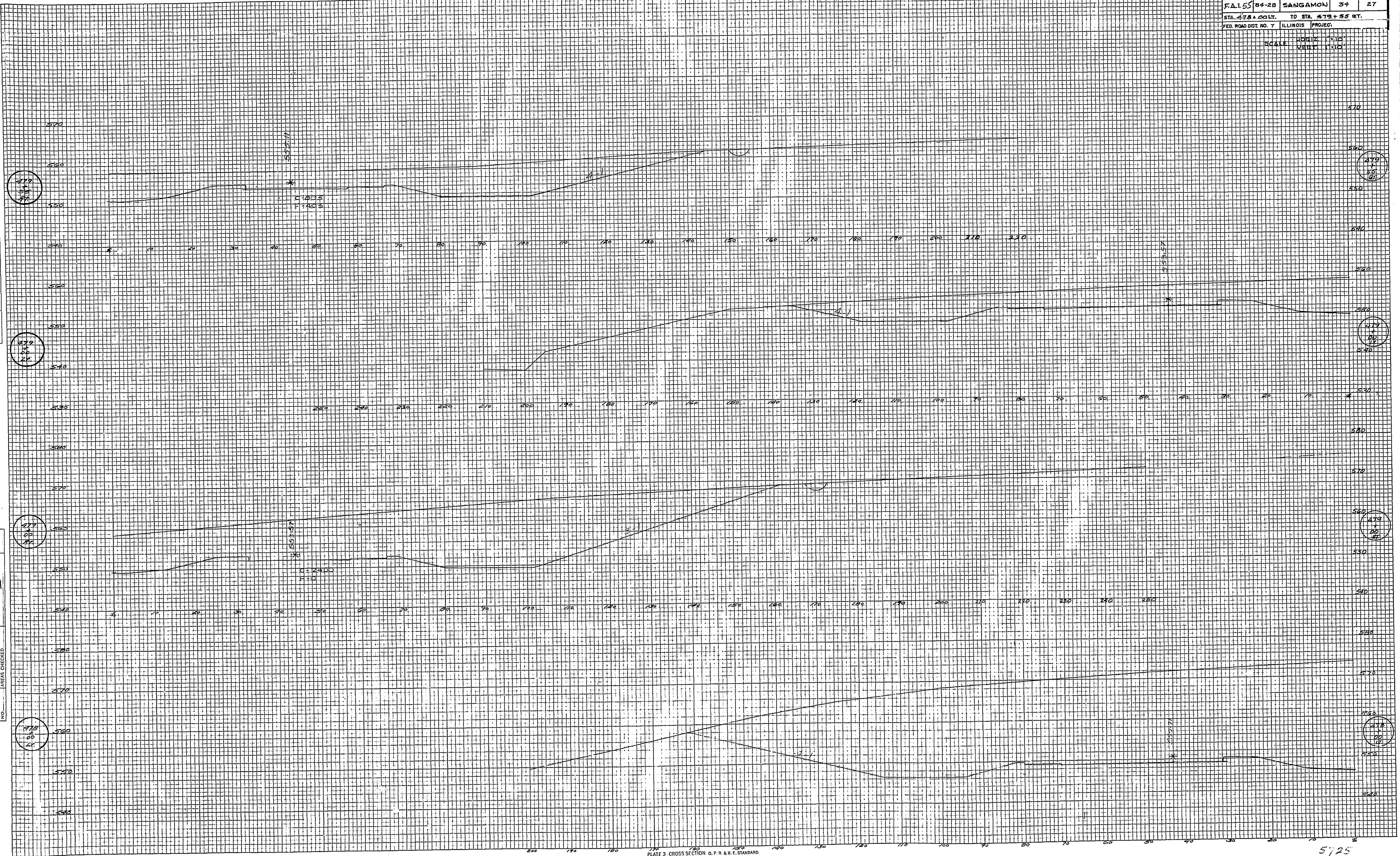
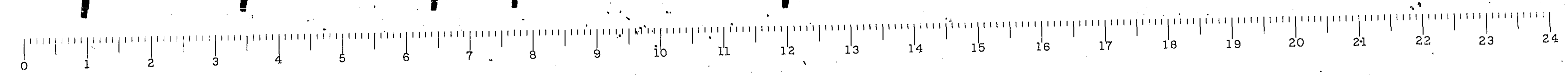


PLATE 3 CROSS SECTION O. P. R. & R. T. STANDARD
 NEWELL & FISER CO. NEW YORK
 K. & E. CO. NO. 348-3D
 NEW YORK

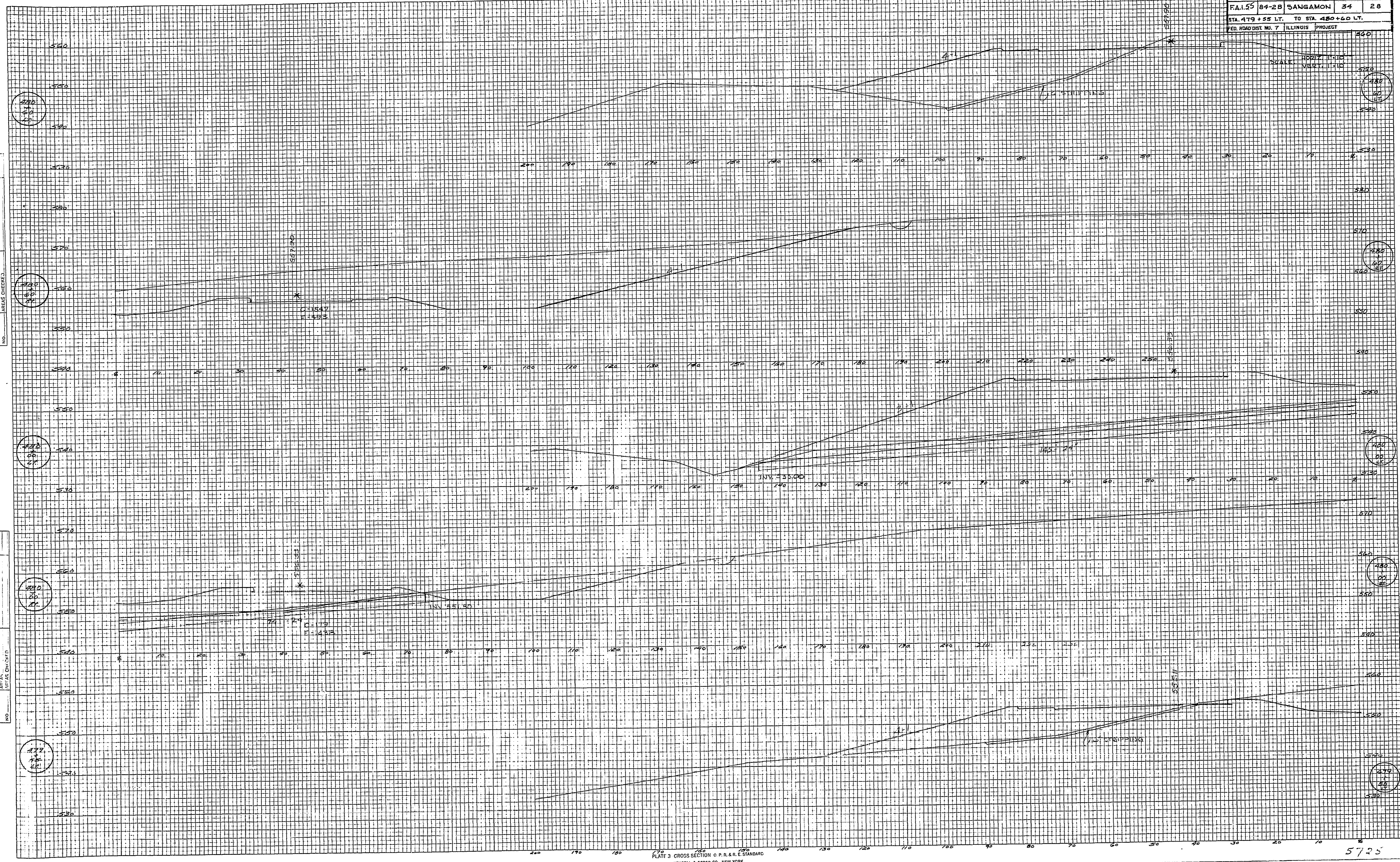
5/25



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 155	84-2B	SANGAMON	34	28
STA. 479+55 L.T. TO STA. 480+60 L.T.				
FED. ROAD DIST. NO. 7 ILLINOIS PROJECT				

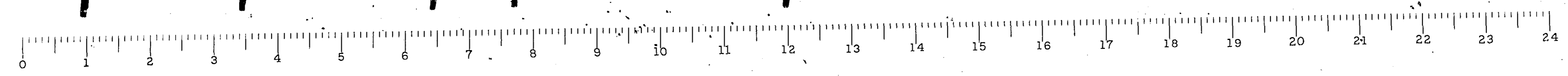
DATE: _____ BY: _____
 APPROVED: _____
 FINAL SURVEY PLOTTED: _____
 NOTE BOOK NO. _____
 INCHES ENGINEER: _____
 NO. _____

DATE: _____ BY: _____
 APPROVED: _____
 ORIGINAL SURVEY PLOTTED: _____
 NOTE BOOK NO. _____
 INCHES ENGINEER: _____
 NO. _____



PLATT'S CROSS SECTION O. P. & R. E. STANDARD
 KEUFFEL & ESSER CO., NEW YORK.
 K. & E. CO. NO. 348-30

5725



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
EA 155	84-2B	DANGAMON	34	29
STA 481+00 EXT. TO STA 481+60 LT.				
FED. ROAD DIST. NO. 7 ILLINOIS PROJEG.				

DATE _____
 BY _____
 FINALLY SURVEYED
 NOTED FROM FORMULAR
 NO. _____ AREAS CHECKED

DATE _____
 BY _____
 ORIGINAL SURVEY
 NOTED FROM FORMULAR
 NO. _____ AREAS CHECKED

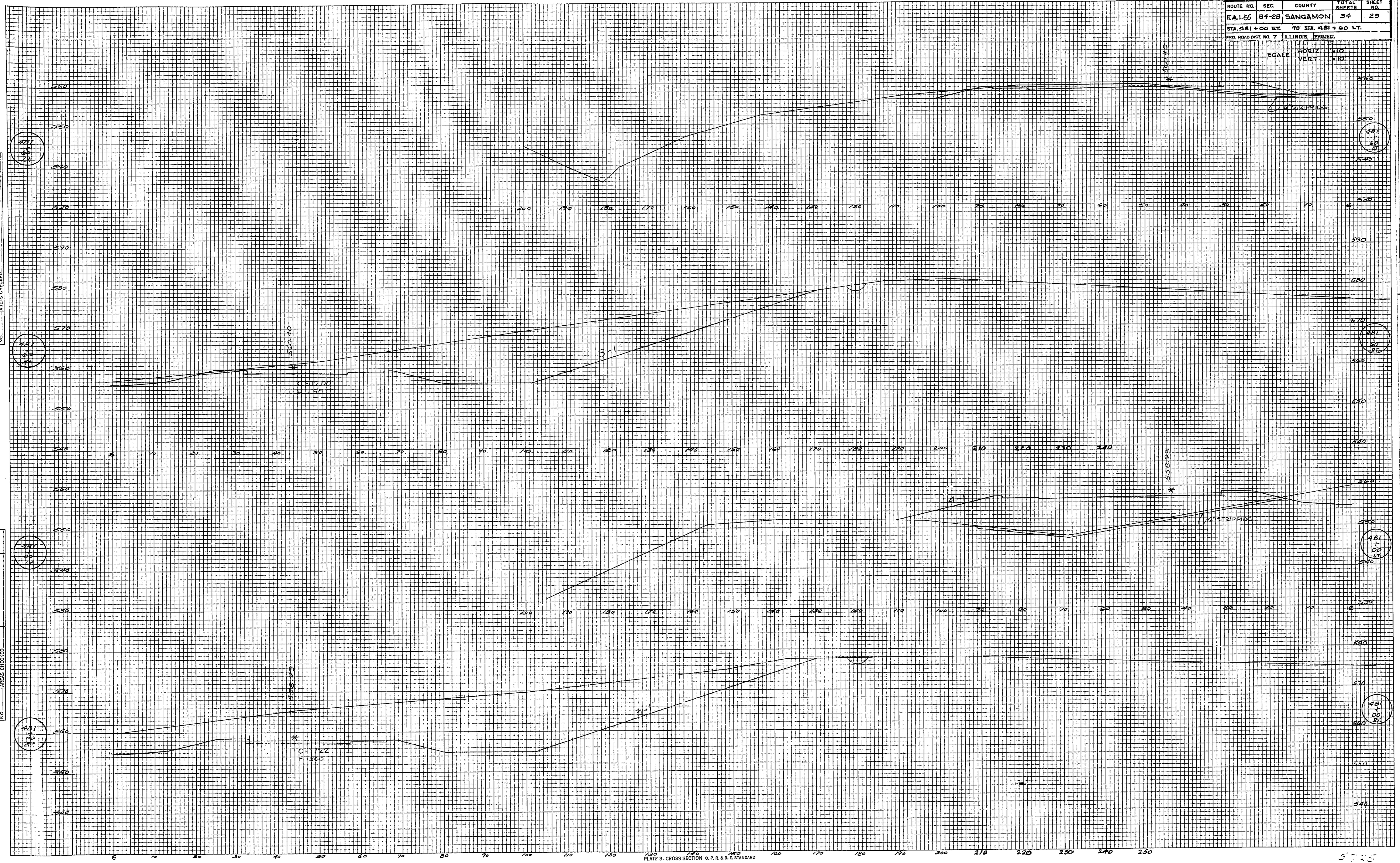
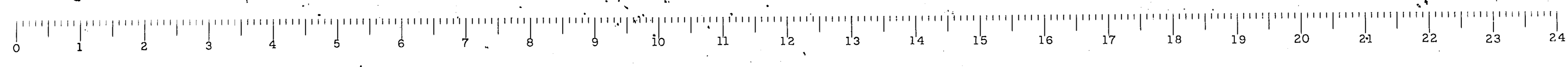


PLATE 3 - CROSS SECTION O.P.R. & L.E. STANDARD
 KEUFFEL & ESSER CO., NEW YORK



5725

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAIRBANKS	84-2B	SANGAMON	34	30
STA. 482+30 ST. TO STA. 483+30 LT.				

FINAL SURVEY PLOTTED
NOTES & MARKS
AREAS CHECKED

DATE: _____ BY: _____

ORIGINAL SURVEY PLOTTED
NOTES & MARKS
AREAS CHECKED

DATE: _____ BY: _____

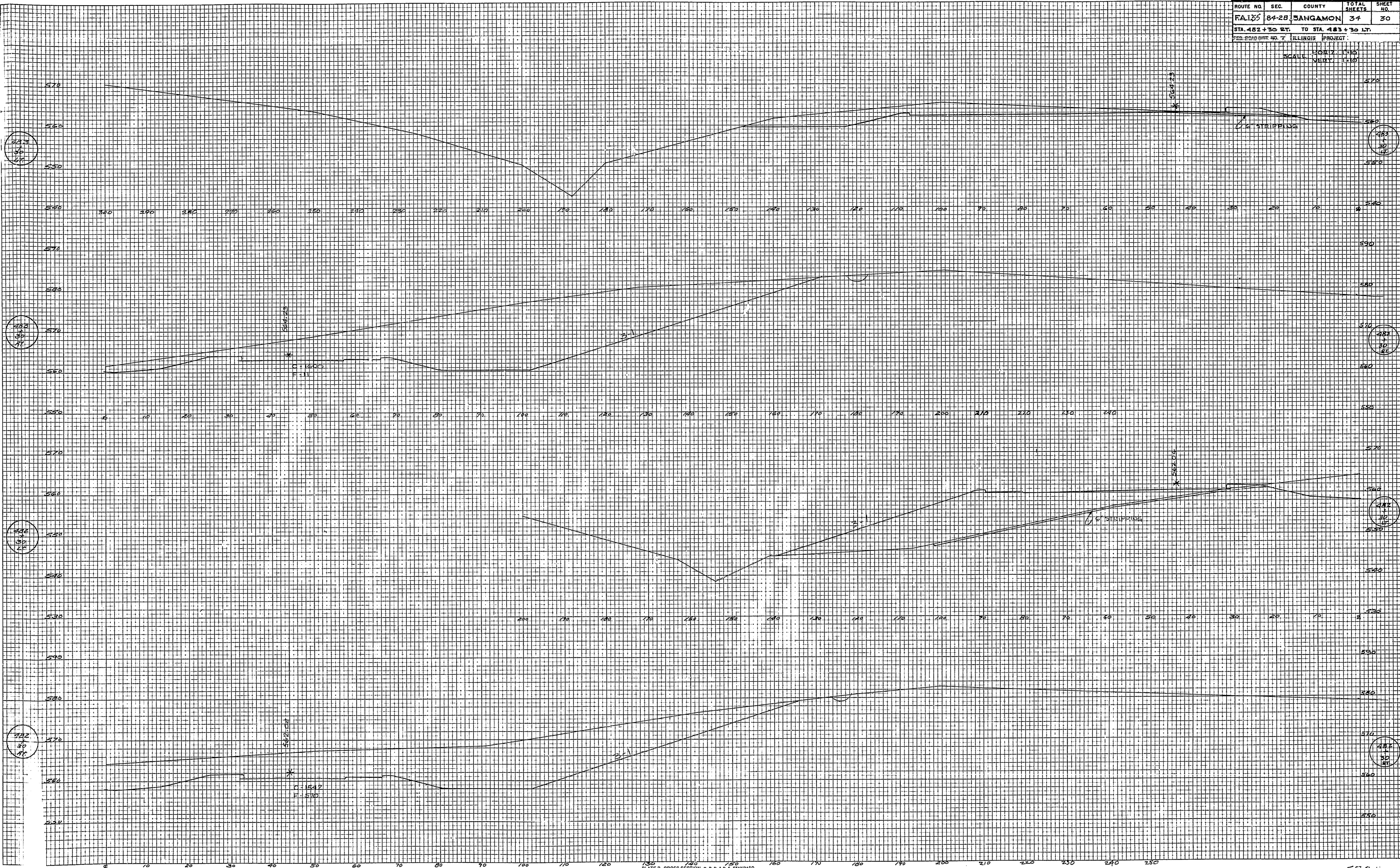
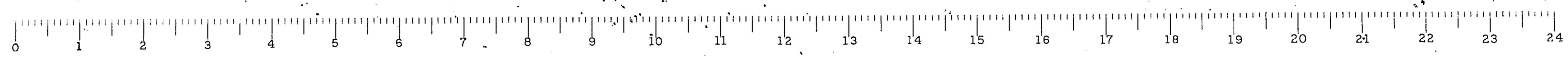


PLATE 3 CROSS SECTION D.P.R. & E.T. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E CO. NO. 346-30
2268

5725



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA. 15	84-2B	SANGAMON	34	31
STA. 484+00 INT. TO STA. 485+00 LT.				
ILLINOIS PROJECT				
SCALE: HORIZ. 1"=100'			VERT. 1"=10'	

FINAL SURVEY
 SUPPORTED
 SURVEY
 BOOK NO. _____
 DATE _____
 BY _____
 CHECKED _____
 AREA CHECKED _____

ORIGINAL SURVEY
 SUPPORTED
 SURVEY
 BOOK NO. _____
 DATE _____
 BY _____
 CHECKED _____
 AREA CHECKED _____

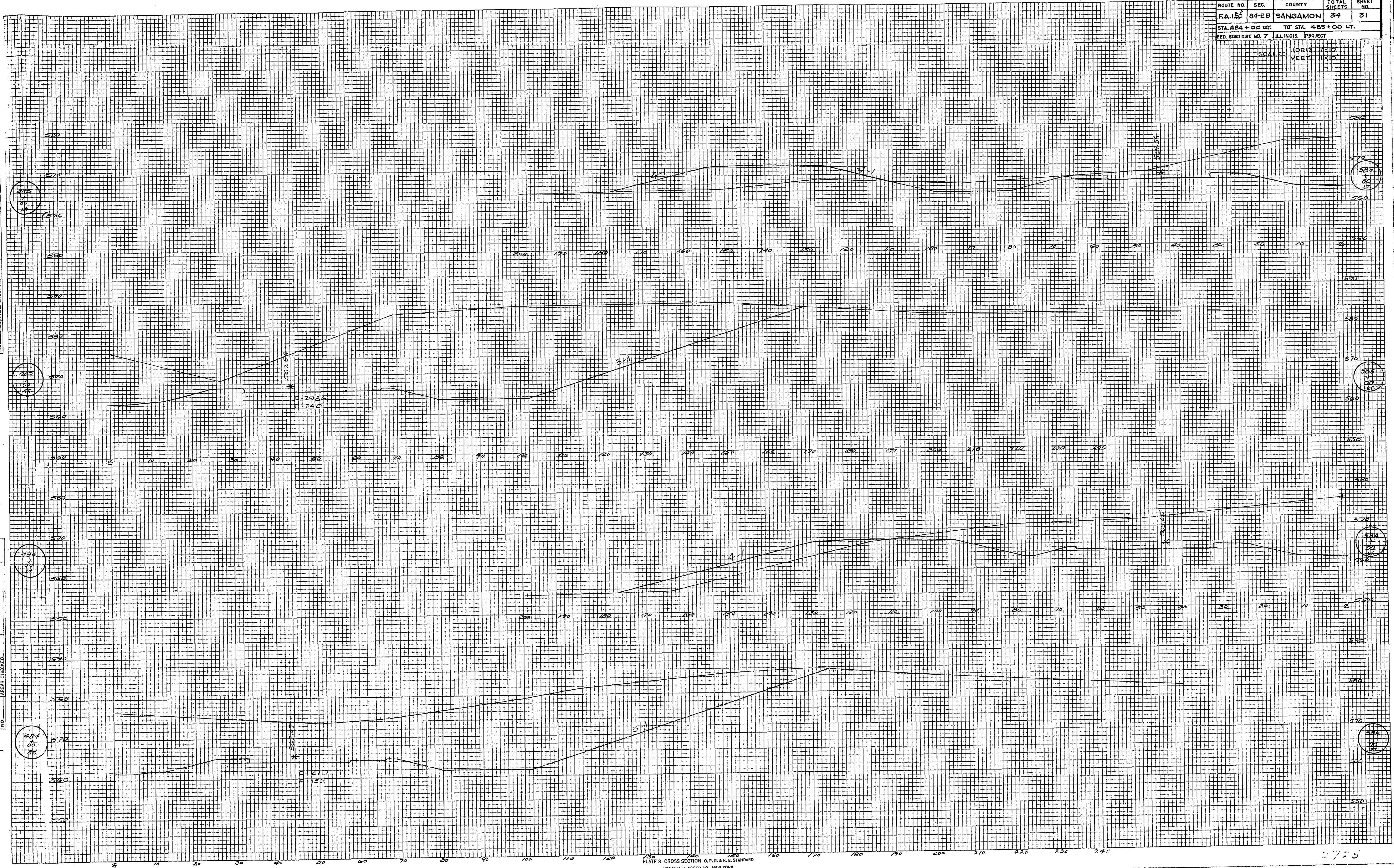
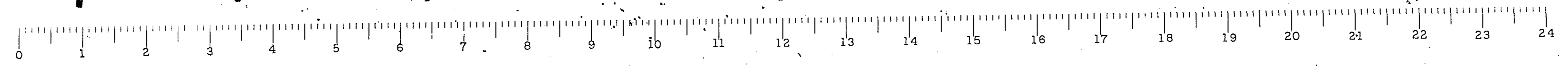


PLATE 3 CROSS SECTION O.P. & R. G. STANDARD
 KEUFEL & ESSER CO., NEW YORK.
 K & E Co. No. 348-30



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
EA. 155	84-2B	DANGAMON	34	32
STA. 436+00 RT.		TO STA. 436+48 LT.		
FED. ROAD DIST. NO. 7		ILLINOIS PROJEG.		
SCALE		HORIZ. 1" = 10'		
		VERT. 1" = 10'		

DATE	
BY	
ORIGINAL SURVEY	
SURVEY	
BOOK	
NO.	
PLotted	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY	
BOOK	
NO.	
Plotted	
AREAS CHECKED	

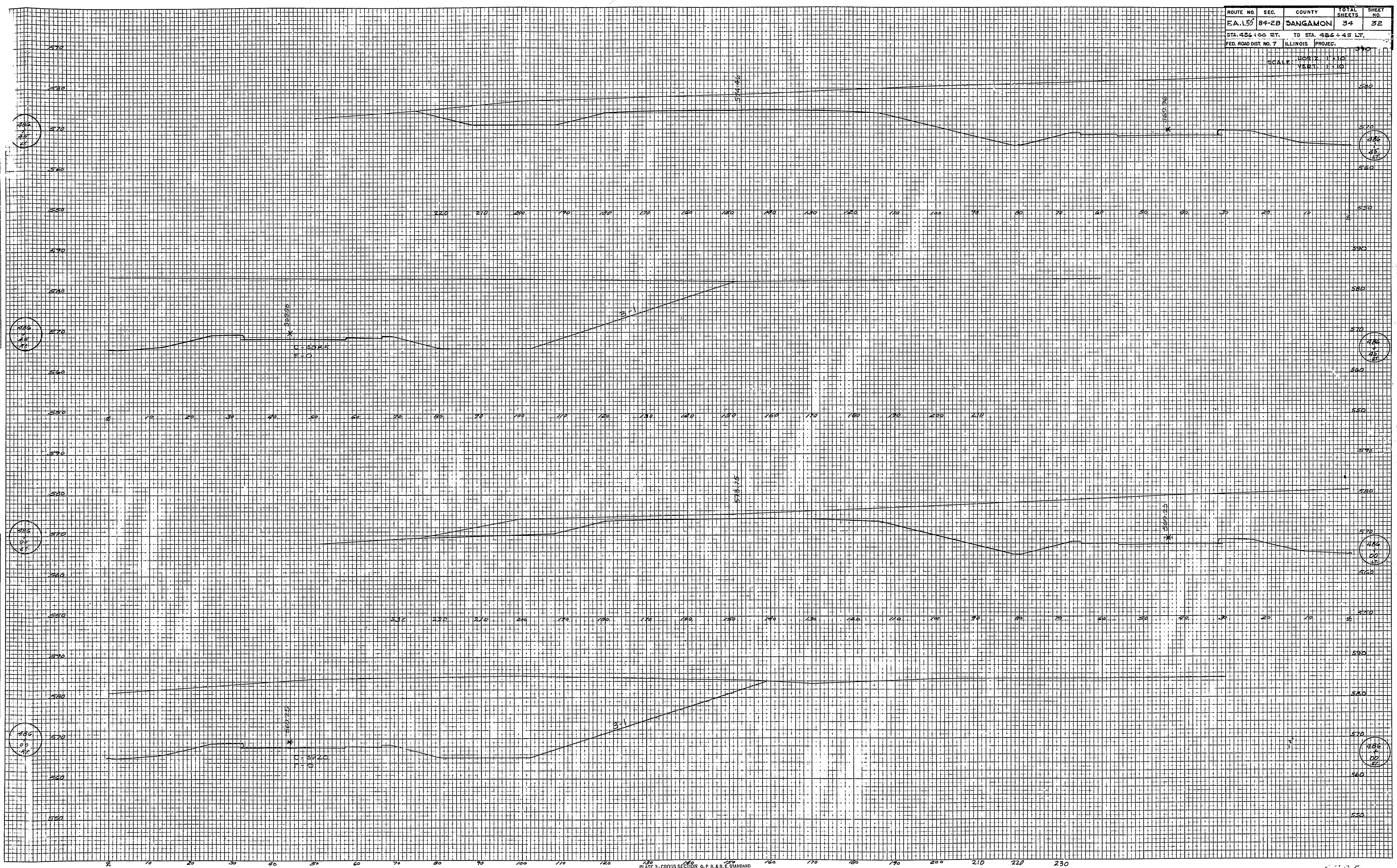


PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
 KEUFFEL & ESSER CO., NEW YORK
 K. & E. CO. NO. 348-33

5725

