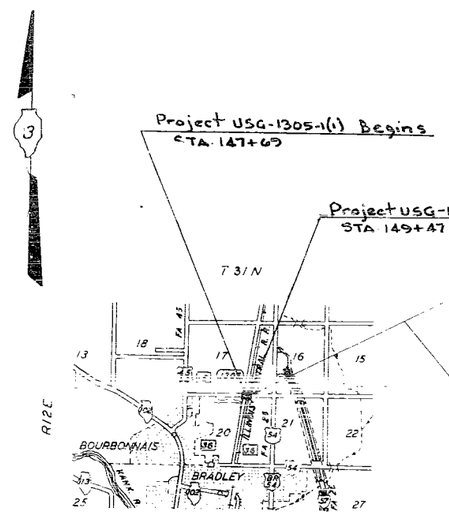
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL-AID SECONDARY PROJECT

INDEX :- SHEET No. 2

SCALES		
	PLAN	1 INCH = 50 FEET
	PROFILE HOR.	1 INCH = 50 FEET
	PROFILE VERT	1 INCH = 5 FEET
	CROSS SECTIONS	1 INCH = 7 FEET OR 5 FEET VERT.
		1 INCH = 10 FEET HOR.

F.A.S. ROUTE 1305 SECTIONS 79R-VB & 79R-VF
PROJECT USG-1305-1(1)
KANKAKEE COUNTY



APPROXIMATE SCALE: 1" = 1 MILE
PROJECT LENGTH: F.A.S. RTE 1305 178 FT = 0.03.1 MILES

SECTION 79R-VB CONSISTS OF CONSTRUCTING A 3 SPAN WF BEAM RAILROAD GRADE SEPARATION STRUCTURE OVER THE I.C.R.R. AT STA. 148+43.23. RDWY. = 2@27' WITH 4' MEDIAN, LENGTH BACK TO BACK OF ABUTMENTS = 178'-0" ALONG ℄, AND ALSO INCLUDES THE CONSTRUCTION OF THE ACCESS ROAD [illegible]

SECTION 79R-VF CONSISTS OF FURNISHING AND FABRICATING STRUCTURAL STEEL APPLYING SHOP COAT OF PAINT AND DELIVERY OF STRUCTURAL STEEL.

HIGHWAY CLASSIFICATION
F.A.S. 1305 [illegible]

Job No 22572(F) & 22573(B)

INDEX OF SHEETS—SECS. 79R-VB & VF

Sec 79R-VF	Sec 79R-VB	DESCRIPTION
1	1	TITLE SHEET
2	2	INDEX OF SHEETS, SUMMARY OF QUANTITIES, TABLE OF R.O.W. MARKERS, TYPICAL SECTIONS
3	3	PLAN AND PROFILE OF EXISTING F.A.S. RTE. 1305
4	4	PLAN AND PROFILE OF PROPOSED F.A.S. RTE. 1305
	5	PLAN AND PROFILE ARMOUR DRIVE
5-12	6-13	BRIDGE PLANS
	14-19	CROSS SECTIONS F.A.S. RTE. 1305
	20	STANDARDS 2113, 1686-1
	21	STANDARDS 1744-1, 1971-3, 1972-1, 2159-1
	22	STANDARDS 1258 R, 1976

SUMMARY OF QUANTITIES — SECTION 79R-VB

QUANTITY	UNIT	ITEM	CODE NO.
2879	CU. YD.	EARTH EXCAVATION	011001
18 632	CU. YD.	BORROW EXCAVATION	013001
1 966	TON	SUB-BASE ___ GRANULAR MATERIAL, TYPE A	024001
565	TON	GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A	029001
366	GALLON	BITUMINOUS MATERIALS (PRIME COAT)	046001
2	TON	AGGREGATE (PRIME COAT)	046002
55	TON	BITUMINOUS CONCRETE BINDER COURSE	046006
55	TON	BITUMINOUS CONCRETE SURFACE COURSE SUB-CLASS I-11	046007
1	EACH	REMOVAL OF EXISTING STRUCTURES	049001
330	CU. YD.	CLASS A EXCAVATION FOR STRUCTURES	050001
20	CU. YD.	ROCK EXCAVATION FOR STRUCTURES	050003
677.3	CU. YD.	CLASS X CONCRETE	052003
1.0	CU. YD.	CLASS X CONCRETE (HEADWALL)	052016
1 343	SQ. YD.	PROTECTIVE COAT	052021

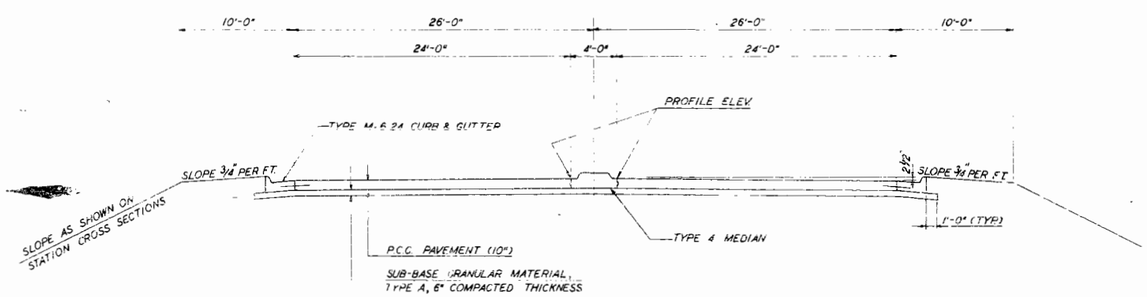
QUANTITY	UNIT	ITEM	CODE NO.
304 010	POUND	ERECTING STRUCTURAL STEEL	054003
352	LIN. FT.	ALUMINUM HANDRAIL	[illegible]
160	LIN. FT.	PIPE CULVERT TYPE 3 RCP [illegible] 24"	[illegible]
95 000	POUND	REINFORCEMENT BARS	[illegible]
360	LIN. FT.	FURNISHING CREOSOTED PILES [illegible] TO 20 FEET	[illegible]
360	LIN. FT.	DRIVING TIMBER PILES	[illegible]
756	LIN. FT.	FURNISHING STEEL PILES 8 BP 36	[illegible]
2	EACH	TEST PILE STEEL 8 BP 36	[illegible]
756	LIN. FT.	DRIVING STEEL PILES	[illegible]
960	SQ. FT.	TEMPORARY STEEL SHEET PILING	[illegible]
1	EACH	NAME PLATES	[illegible]
1	EACH	INLET	[illegible]
933	SQ. YD.	SLOPE [illegible] INCH	[illegible]
6	EACH	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	[illegible]
0.5	ACRE	TEMPORARY SEEDING	[illegible]
0.5	ACRE	COMPLETE SEEDING	[illegible]
0.1	TON	FERTILIZER NUTRIENTS	[illegible]
3	TON	AGRICULTURAL GROUND LIMESTONE	[illegible]
2	TON	STRAW FOR ASPHALT-COATED MULCH	[illegible]
200	GAL	EMULSIFIED ASPHALT	[illegible]
1	LUMP SUM	RAILROAD PROTECTIVE SERVICES	[illegible]

R.O.W. MARKERS

STATION	SIDE	DIST.
145+00	LT.	84'
147+04.8	LT.	84'
149+26.1	RT.	125'
149+58.1	LT.	95'
151+50	LT.	85'
153+18.64	LT.	68'

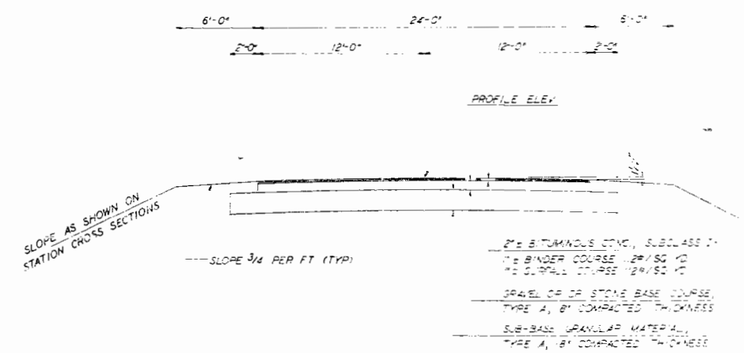
SUMMARY OF QUANTITIES — SECTION 79R-VF

QUANTITY	UNIT	ITEM	CODE NO.
304 010	POUND	FURNISHING STRUCTURAL STEEL	054002



TYPICAL SECTION

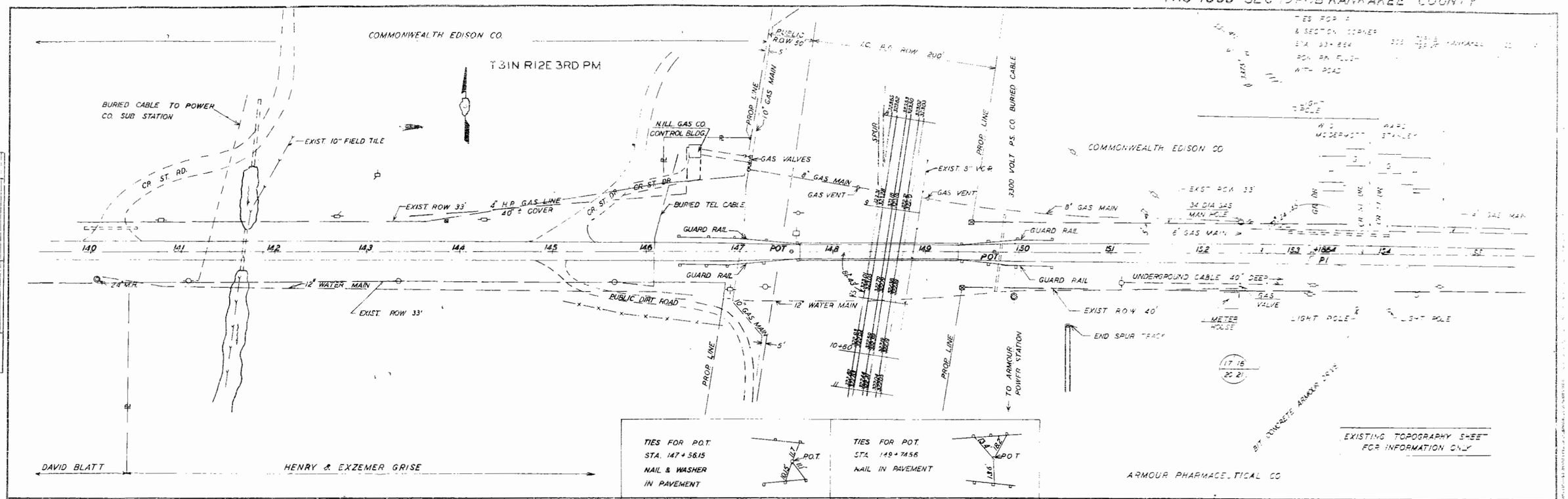
BASIC SECTION FOR F.A.S. ROUTE 1305
ADJACENT TO R.R. GRADE SEPARATION STRUCTURE



TYPICAL SECTION

BASIC SECTION FOR ARMOUR DRIVE
RT. STA. 157+00

FAS 1305 SEC 79 P.B KANKAKEE COUNTY



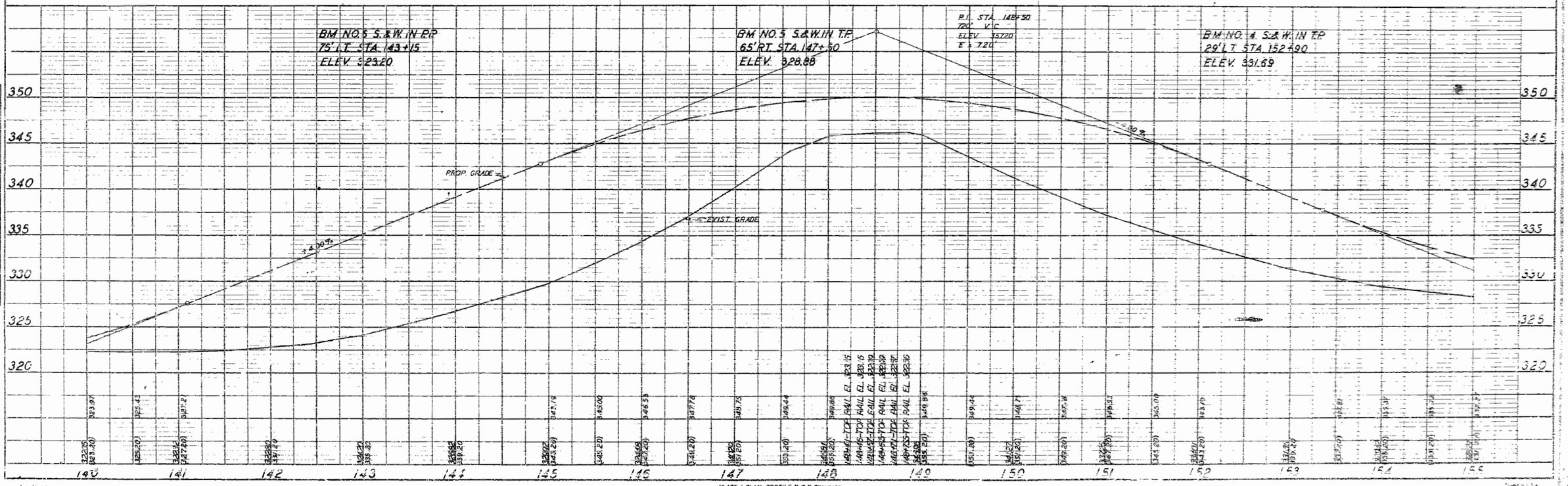


PLATE 1 PLAN - PROFILE B P R STANDARD

FAS 1305, SEC 79R-3 KANKAKEE COUNTY

T 31 N R 12 E 3RD P.M.

COMMONWEALTH EDISON CO.

BURIED CABLE TO POWER CO. SUBSTATION

STA. 140+50 FAS 1305 = STA. 2139+62.17

139+91.90 R.O.W. 50' & 80'

142+00 R.O.W. 80'

143+00 R.O.W. 70'

145+50 R.O.W. 84'

147+04.11 R.O.W. 84'

149+58.1 R.O.W. 95'

151+50 R.O.W. 85'

149+26.1 R.O.W. 125'

145+68 R.O.W. 150'

139+39.62 R.O.W. 50' & 61'

E 1ST 10" FIELD TILE

PROP. R.O.W.

EXIST. R.O.W.

4" H.P. GAS LINE 30" COVER

BURIED TEL. CABLE

2' STUB

VALVE VAULT

8" W

12" WATER MAIN

10" GAS MAIN

W. ALL GAS CO. CONTROL STATION

GAS VALVES

8" GAS MAIN

EXIST. 8" VCP TO REMAIN

GAS VALVE

SPLICE VAULT

END SPUR TRACK TO BE MOVED BY OT-EPS

METER HOUSE

TO HENNUR POWER STATION

STA. 148+43.23 (℄ FAS 1305) = STA. 9+49.13 (℄ I.C.R.R.) CONSTRUCT 58' X 17'8" CONT. I-BEAM STRUCTURE SEE STRUCTURE SEC. 79A-V8

Proj. USG-1305-1(1) Begins Sta. 147+69

Proj. USG-1305-1(1) Ends Sta. 149+47

EXISTING GUARD RAIL

EXIST. GUARD RAIL

℄ FAS 1305

LIGHT POLE

152+15 C.A. = 255'

153+34 C.A. = 255'

CURVE DATA

P.I. STA. 153+18.64
Δ = 0°35' 54" ⟂
D = 0°17' 37.5"
L = 200'
R = 1950.435
T = 100.00
E = 0.26'
P.C. = STA. 152+18.64
P.T. = STA. 154+18.64

ARMOUR PHARMACEUTICAL CO.

NOTE FOR ARMOUR DRIVE DETAIL SEE SHEET 5

ARMOUR DR.

STA. 150+50 CONSTRUCT
1 INLET STD. 1238 B
24" x 160' P. CUL. TY 3 RCP IV
1 HEADWALL STD. 1978 D 24-2
10 CU. YD. CL. X CONC.
35 LBS. REINF. BARS

SECTION 79R-VB INCLUDES CONSTRUCTION OF R.R. GRADE SEPARATION AT STA. 148+43.23 AND THE CONSTRUCTION OF THE ACCESS ROAD RT. OF STA. 157+00. OTHER DETAILS SHOWN ARE FOR INFORMATION ONLY.

SE CORNER OF HOUSE

℄ FAS 1305

4" x 4" POST

P.O.T. STA. 139+92.15 NAIL & WASHER IN PAV'T.

HENRY & EXZEMER GRISE

P.O.T. STA. 147+56.15 NAIL & WASHER IN PAV'T.

P.O.T. STA. 149+74.56 NAIL IN PAV'T.

P.I. STA. 153+18.64 IRON PIN FLUSH WITH PAV'T.

PLAN — SURVEYED: PLOTTED: ALIGNMENT CHECKED: NOTE BOOK: NO. 47 — BY C.G. J.S.M. — DATE 8-64 12-64

BM NO. 6 S+W IN RP 75' LT. STA. 143+15 ELEV. 323.20

BM NO. 5 S+W IN T.P. 65' RT. STA. 147+50 ELEV. 328.88

BM NO. 4 S+W IN T.P. 29' LT. STA. 152+90 ELEV. 331.69

CUT = 89 CU. YDS.
FILL = 17,559 CU. YDS.
BORROW = 18,532 CU. YDS.
HAUL 2,350 CU. YDS. FROM ARMOUR DRIVE

P.I. STA. 148+30 720' VC
E = 2.25
E = 120

PROPOSED GRADE

+4.00%

EXISTING GRADE

PIER 7

INLET

PROFILE — SURVEYED: PLOTTED: GRADES CHECKED: NOTE BOOK: NO. 47 — BY C.G. J.S.M. L.S.M. — DATE 12-64 12-64 12-64 — STRUCTURE NOTATION ON RD.

Printed in U.S.A. on IMPERIAL Tracing Cloth

PLATE 1 PLAN - PROFILE B.P.R. STANDARD
EUGENE DITTMAR CO. CHICAGO - NEW YORK

SECT. TYPE				
F.A.S. 1305 SECT. 79-2-3	KANKAKEE	0.0		5

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
R.O.W. PLAT		
NOTE BOOK NO.		

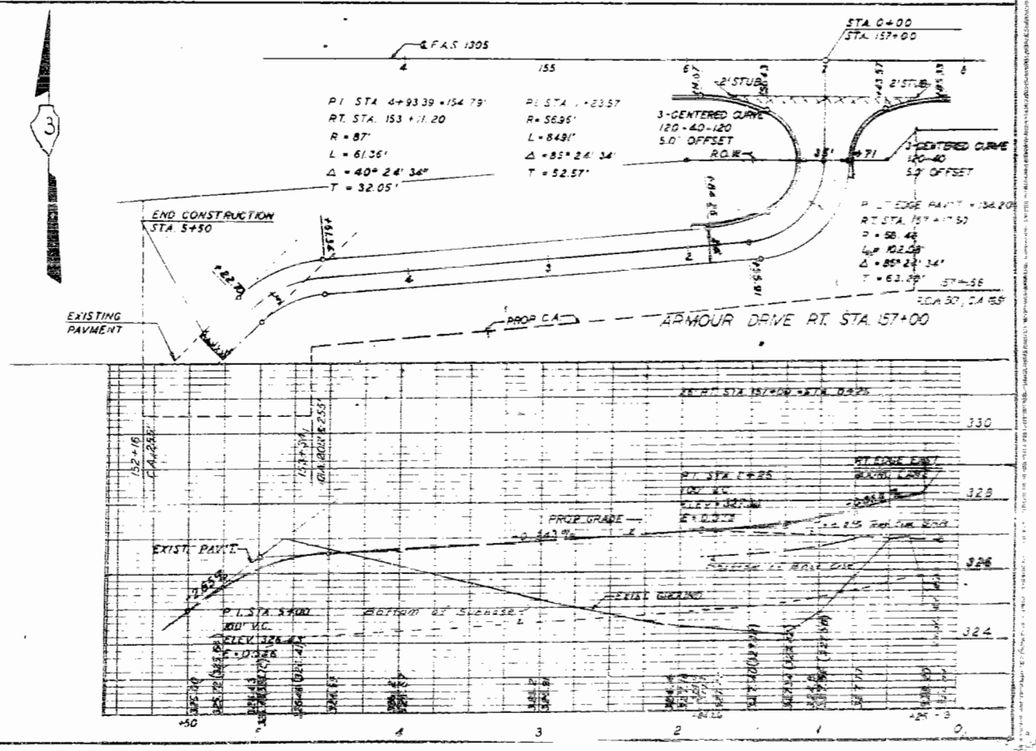
Earthwork Quantities
Armour Drive
Cut = 2790 cu. yds.
Fill = 350 cu. yds.
Haul 2350 cu. yds. to Bridge Canes
Sta. 15+68 to Sta. 17+38

Armour Drive sta. 1+84.26 to sta. 5+50			
Total	Unit	Item	Code No.
1166	Ton	Sub-base Granular Material, Type A	024001
445	Ton	Gravel or Crushed Stone Base Course,	
		Type A	029001
366	Gal.	Bituminous Materials (Prime Coat)	046001
2	Ton	Aggregate (Prime Coat)	046002
55	Ton	Bituminous Concrete Binder Course	046006
55	Ton	Bituminous Concrete Surface Course	
		Sub-Class I-11	046007

Armour Drive sta. 0+13 to sta. 1+84.26			
Total	Unit	Item	Code No.
800	Ton	Sub-base Granular Material, Type A	024001
120	Ton	Gravel or Crushed Stone Base	
		Course, Type A	029001

General Notes

1. From sta. 0+13 (existing rt. edge of F.A.S. 1305) to sta. 1+84.26, construct temp. connection.
2. From sta. 1+84.26 to sta. 5+50, construct Armour Drive according to the typical section on sheet no. 2
3. Seeding to be done within the limits of the Construction Agreement.

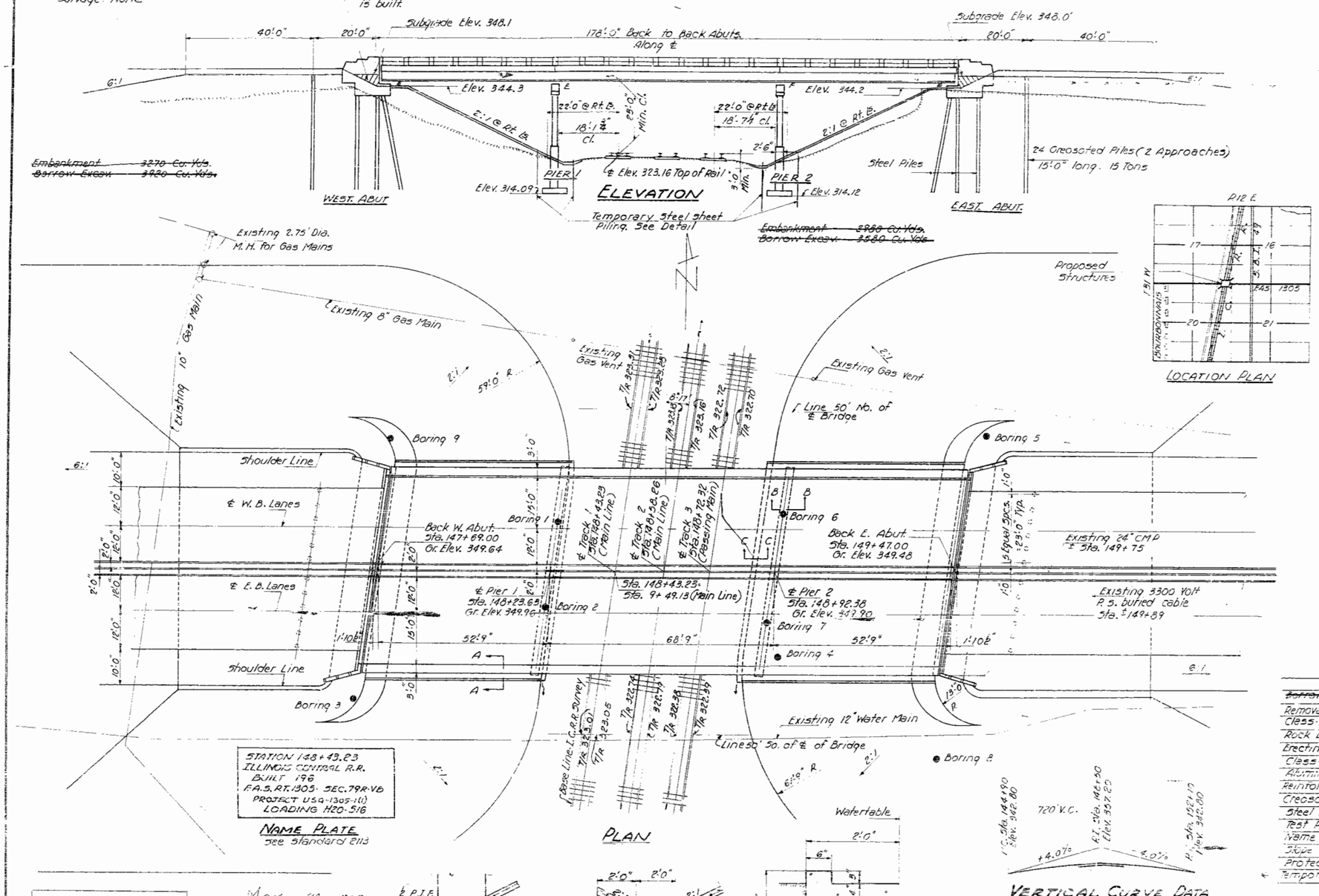


B.M. "S.E.W. in I.P. 65' Rt. Sta. 147+50 Elev. 328.88

Existing Structure: 8 Timber spans
To be removed by Bridge Contractor & 1 Steel Girder Span.

Salvage: None.

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



NAME PLATE
see Standard 2113

PLAN

LOCATION PLAN

GENERAL NOTES

Class-X Concrete shall be used throughout.

Coarse aggregate which is to be used in concrete shall consist of free of chert, flint, limonite, lignite and soft sandstone.

The concrete floor slab shall be finished in accordance with Art. 51.19 of the Standard Specifications.

Slope Wall shall be reinforced with expanded wire fabric and two 4 wires weighing 56 lbs. per 100 sq. ft.

Rivets ¾" Diam. Holes 13/16" unless noted.

All structural steel shall conform to the latest edition of the Specifications for Structural Steel A.S.T.M. Designation A 36.

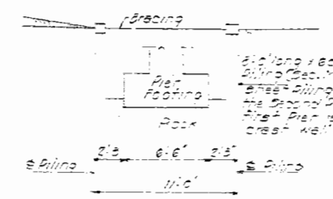
All rollers, rockers, bearing plates, base plates, pintles and anchor bolts shall be fabricated and set in accordance with Art. 51.13 of the Standard Specifications and are included in quantity of Structural Steel Estimated Weight 3070 lbs.

Anchor Bolts shall be set before pouring bearing plates and supports.

Expansion Guards shall be fabricated and erected in accordance with Art. 51.18 (a) of the Standard Specifications. Expansions Guards are included in quantity of Structural Steel. Estimated Weight 3070 lbs.

Except as otherwise provided all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Arts. 56.1 to 56.5 inclusive of the Standard Specifications.

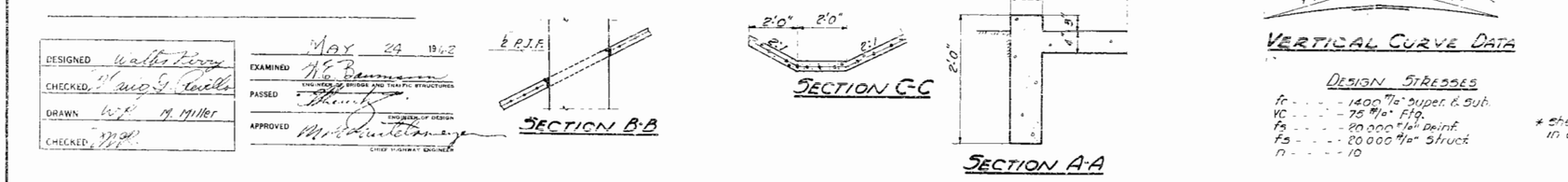
The Contractor shall drive one test pile at each Abutment in permanent locations as directed by the Engineer before ordering remainder of piles.



SHEET PILING DETAIL

TOTAL BILL OF MATERIAL - SEC. 79R-VB

ITEM	Unit	Sub. Bridge	Sub. Approaches	Total
~~Borrow Excavation~~	~~Cu. Yds.~~	~~3580~~	~~3580~~	~~7160~~
Removal of Existing Structures	Each	1		1
Class-A Excavation for Structures	Cu. Yds.	330		330
Rock Excavation for Structures	Cu. Yds.	50		50
Erecting Structural Steel	Lbs.	3040		3040
Class-X Concrete	Cu. Yds.	1662		1662
Aluminum Handrail	Lin. Ft.	388		388
Reinforcement Bars	Lbs.	8400	1600	9900
Creosoted Piles - Up to 20'	Lin. Ft.		270	270
Steel Piles	Lin. Ft.		288	288
Test Piles (Steel)	Each		2	2
Name Plates	Each	1		1
Slope Wall	Sq. Yds.	223		223
Protective Coat	Sq. Yds.		348	348
Temporary Steel Sheet Piling (Sec. Mod. 24.4) *	Sq. Ft.	980		980
SECTION 79R-VB				
Furnishing Structural Steel	Lbs.	3040		3040



DESIGN STRESSES

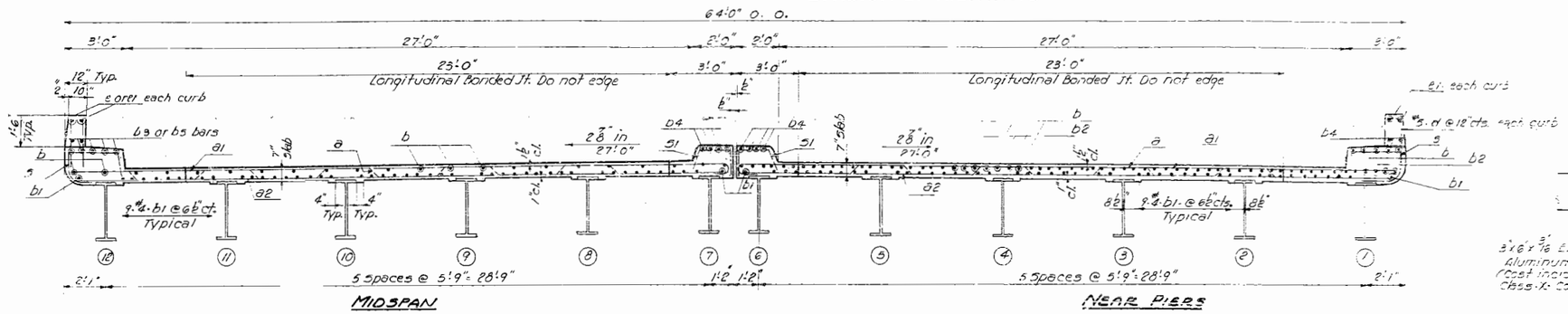
fc - - - - 1400 #/□" Super. & Sub.
vc - - - - 75 #/□" Ftg.
fs - - - - 20,000 #/□" Reinf.
fs - - - - 20,000 #/□" Struct.
n - - - - 10

* Sheet Piling to be reused in erecting the Second Span

Loading H20-S16-44

GENERAL PLAN & ELEVATION
F.A.S. RT. 1305 OVER ILL. CENTRAL R.R.
SEC. 79R-V(B.F.)
KANKAKEE COUNTY
STATION 148+43.23

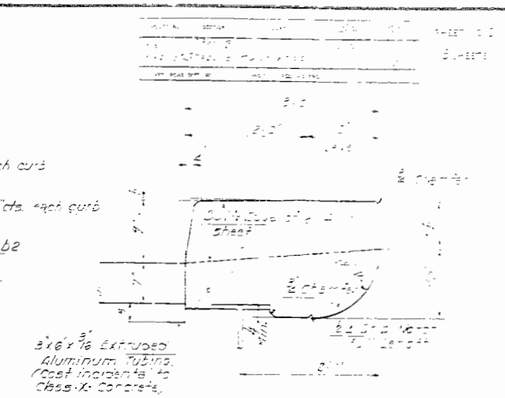
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



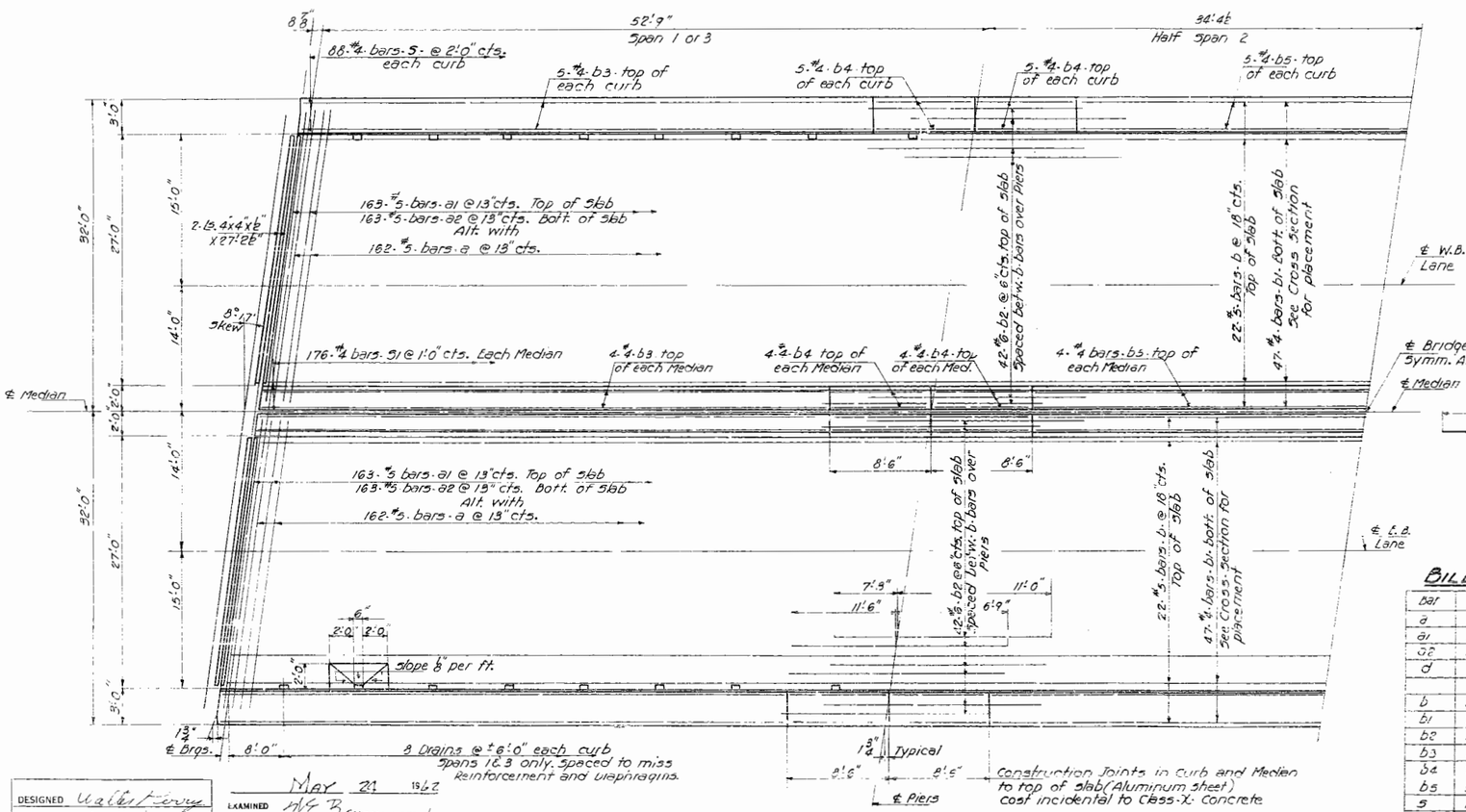
MIDSPAN

NEAR PIERS

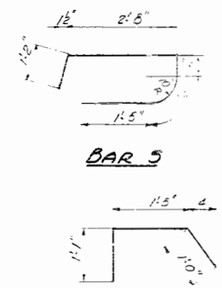
CROSS SECTION



CURB DETAIL

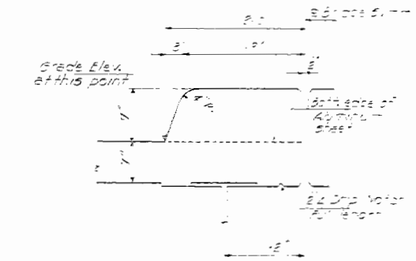


HALF PLAN

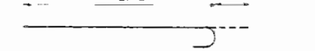


BAR 5

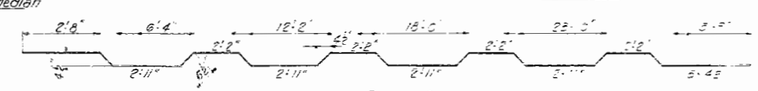
BAR 5



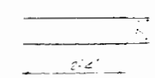
MEDIAN DETAIL



BAR a1



BAR a



BAR d

BILL OF MATERIAL

bar	No.	Size	Length	Shape
a	324	#5	33'-9"	
a1	326	#5	32'-0"	
a2	326	#5	3'-10"	
d	352	#5	5'-9"	
b	352	#5	23'-3"	
b1	752	#4	12'-0"	
b2	168	#6	12'-3"	
b3	72	#4	23'-0"	
b4	72	#4	8'-3"	
b5	36	#4	26'-3"	
s	176	#4	7'-0"	
s1	352	#4	3'-6"	

Class-X Concrete	Cu. Yds.	312.1
Reinforcement Bars	Lbs.	63960
Structural Steel	Lbs.	3040.0

Note: Bill of Material includes Paint quantity for Parapet Handrail. See Sheet 4

DESIGNED	Walter Rowe
CHECKED	[illegible]
DRAWN	M. Miller
CHECKED	""

May 21 1962

EXAMINED H. G. Baumann, ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES

PASSED [illegible], ENGINEER OF DESIGN

APPROVED [illegible], CHIEF HIGHWAY ENGINEER

All Aluminum Sheets shall conform to A.S.T.M. Specifications: B209-58T alloy M1A-H14.
All Aluminum tubing shall conform to A.S.T.M. Specifications: B221-58T alloy 6S10A-T42

SUPERSTRUCTURE
F.A.S. RT. 1305 - SEC. 79R-1(B,F)
KANKAKEE COUNTY
STATION 143+43.23

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

Pier #1
Boring No. 1
Station 148+23
Offset 20' Lt on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	320.78	0		
Loose Yellowish Brown SANDY LOAM (Fill)	319.28			
Soft Yellowish Brown CLAY LOAM (Fill)	318.28	3	--	
Hard Yellowish Brown CLAY (Till)	316.28	14	4.3 S	20
Very Stiff Gray CLAY (Till)	314.78	-5 21	3.1 B	17 18
Very Dense Yellowish Brown Fine Gravel & Limestone Fragments		61	--	--
Thin layers of porous LIMESTONE, soft layers of Rock Dust or Clay (Cored) 10% recovery	309.28	-10		
Light Buff Colored Porous LIMESTONE (Dolomite) thin to Medium Bedding (Cored) 25% recovery	304.28	-15		

Pier #1
Boring No 2
Station 148+23
Offset 16' Rt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	320.88	0		
Clay Loam and CLAY (Till)	314.88	-5		
Light Buff Porous LIMESTONE (Dolomite) Thin Bedding (Cored) 30% recovery	311.38	-10		
Light Buff Porous LIMESTONE (Dolomite) Thin to Medium Bedding (Cored) 70% recovery	307.88			

E. Abut.
Boring No 3
Station 147+69
Offset 38' Rt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	329.88	0		
Embankment and Overburden		-5		
		-10		
	315.38			
Limestone Rubble	314.88	5		
Light Buff Porous LIMESTONE (Dolomite) Thin Bedding, Soft Layers (Cored) 15% recovery	311.88			
Light Buff Porous Limestone (Dolomite) Thin Bedding, some soft layers		-20		
(Cored) 20% recovery	306.38			

Pier #2
Boring No. 4
Station 148+96
Offset 26' Rt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	322.68	0		
	321.18			
Stiff Yellowish Brown and Black CLAY (Fill)	319.18	-11	1.5 E	--
Very Stiff Yellowish Brown CLAY (Till)	317.18	-5 15	2.9 B	21
LIMESTONE Rubble	316.18	30C 9/4"		
Light Gray and Buff Porous LIMESTONE (Dolomite) thin to Medium Bedding (Cored) 55% recovery	311.18	-10		

E. Abut.
Boring No. 5
Station 149+47
Offset 38' Lt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	330.58	0		
Embankment	328.08			
Stiff Brownish Black CLAY LOAM	325.58	-5 11	1.5 E	--
Stiff Brown CLAY	323.58	9	1.6 S	25
Hard Yellowish Brown and Gray CLAY (Till)	318.58	-10 25	5.4 S	19
		13	4.1 S	21
Stiff Yellowish Brown and Gray CLAY (Till)	316.58	15	1.4 S	22 27
Limestone Layers, Rubble and CLAY (Cored) 10% recovery	312.88	-15		
Gray and Light Buff Porous LIMESTONE (Dolomite) thin Bedding. (cored) Recovery 35%	305.58	-20		

Pier #2
Boring No. 6
Station 148+52
Offset 23' Lt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	322.28	0		
Fill	319.78			
Yellowish Brown and Gray CLAY (Till)	317.28	-5		
Yellowish Brown CLAY LOAM (Gravelly)	314.78			
Limestone Rubble		300	1 1/2"	
LIMESTONE	313.28			

Pier #2
Boring No 7
Station 148+88
Offset 20' Rt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	320.0	0		
Overburden	315.0	-5		
LIMESTONE Rubble	314.3			
Auger Stopped on Hard Material.				

E. Abut.
Boring No 8
Station 149+42
Offset 53' Rt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	320.98	0		
Clay and Clay (Till) Overburden	315.78	-5		
LIMESTONE Rubble	314.78			
Auger stopped on hard Material				

E. Abut.
Boring No 9
Station 149+49
Offset 34' Lt ℄ on Skew

Description	Elevation	Z	Qu T/sq.ft.	w (%)
Ground Surface	330.84	0		
CLAY and CLAY LOAM (Embankment)		-5		
	324.88		12	-- --
Medium Yellowish Brown Gravelly LOAM	322.38		24	-- 13
Hard Yellowish Brown and Gray CLAY (Till)		-10	28	4.2 S 18
			21	4.7 S 21
	316.38		200 9"	
LIMESTONE Rubble	315.38	-15		
Auger Stopped on Hard Material				

DESIGNED	Walter Perry
CHECKED	M J Revilla
DRAWN	WP
CHECKED	MJR

May 24 1962
EXAMINED W E Baumann — ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED — ENGINEER OF DESIGN
APPROVED — CHIEF HIGHWAY ENGINEER

[illegible] Penetration Test - blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".

Qu - Unconfined Compressive Strength - tsf.

w - Water Content - percentage of oven dry weight - %.

Type Sampler
B - Bulge Sampler
S - Spoon Sampler
E - Estimated Value

BORINGS
FAS Rt 305 over Illinois Central RR
Section 79 B-1/B
Champaign County
Station 145+83.75

FAS 1305 SEC. 79R-VB KANKAKEE COUNTY

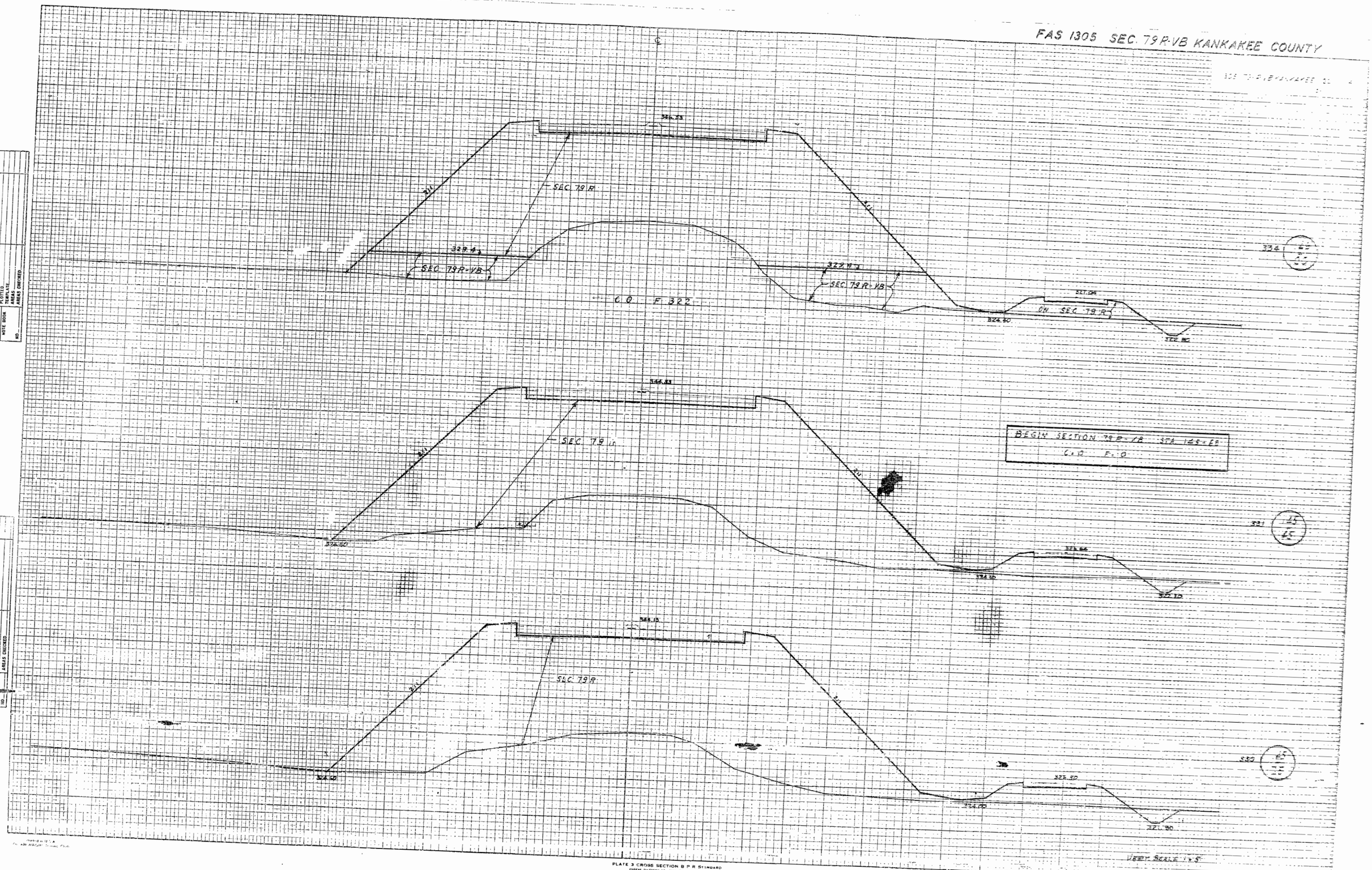


PLATE 3 CROSS SECTION B.P.R. STANDARD

FAS 1305 SEC. 79R-VB KANKAKEE COUNTY

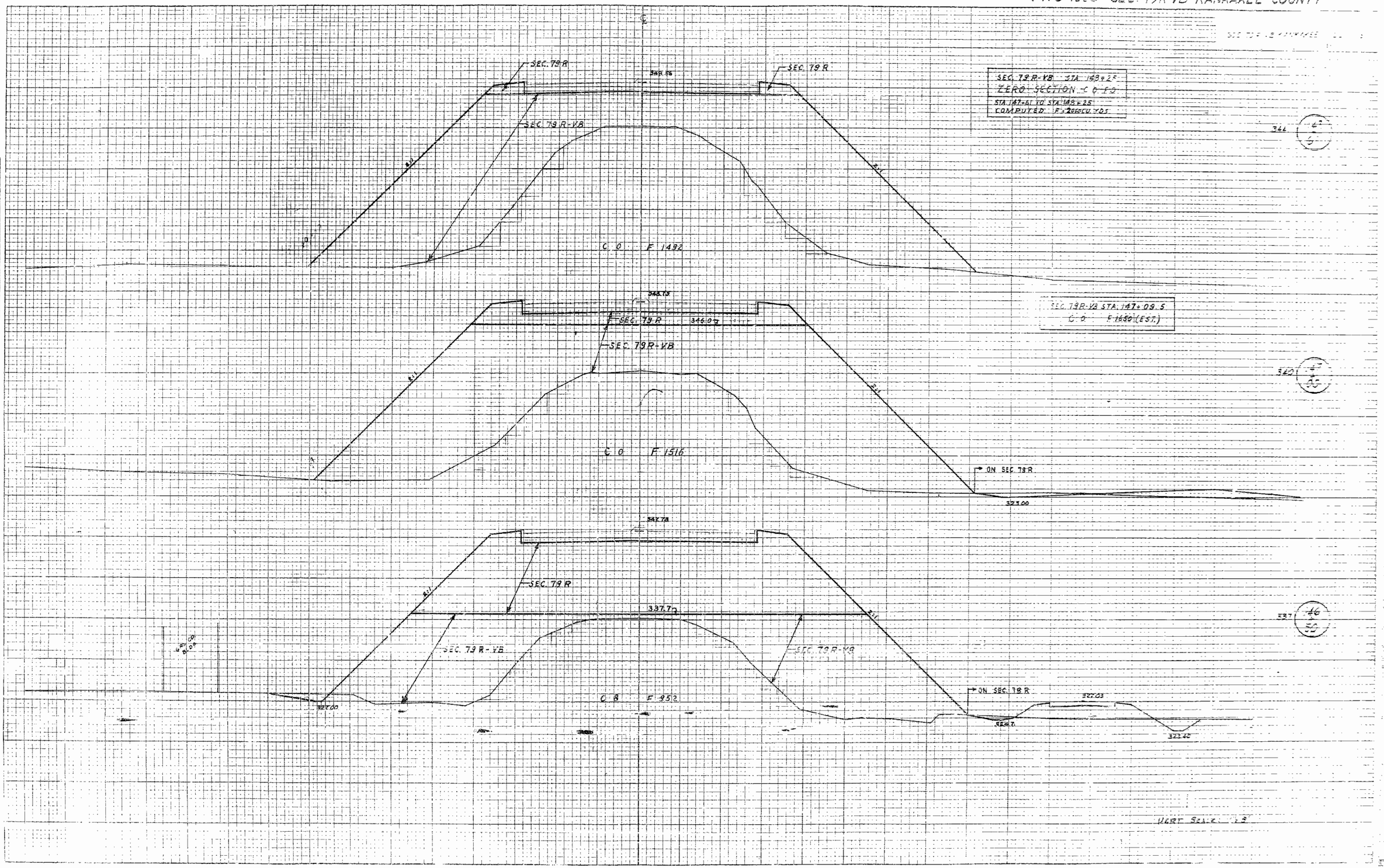


PLATE 3 CROSS SECTION D P R STANDARD
EUGENE DITZEN CO. CHICAGO NEW YORK

FAS 1305 SEC. 79R-VB KANKAKEE COUNTY

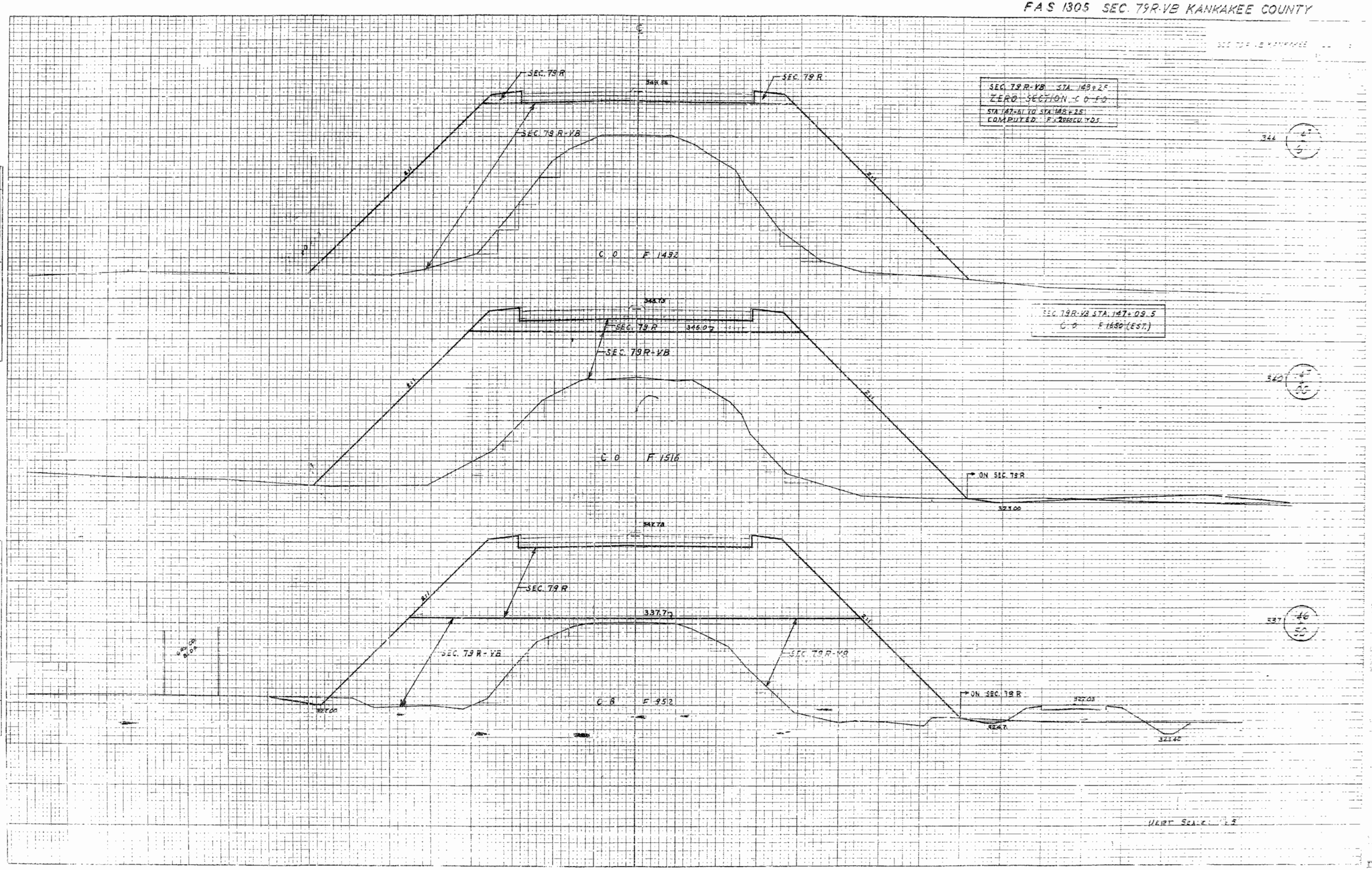


PLATE 3 CROSS SECTION D.P.R. STANDARD

FAS 1305 SEC. 79P VB KANKAKEE COUNTY

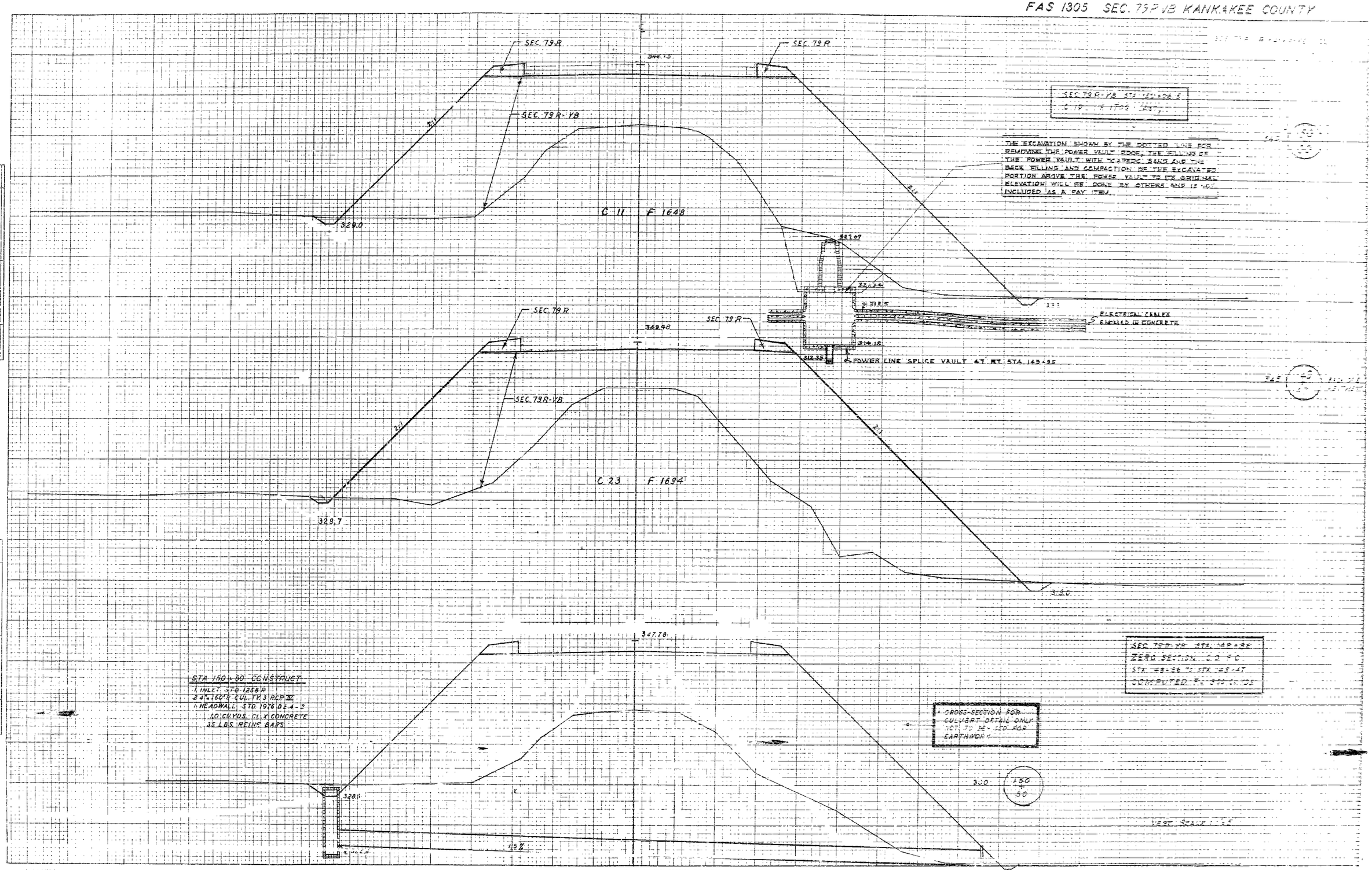


PLATE 1 CROSS SECTION B P R STANDARD

FAS 1305 SEC. 79R-VB KANKAKEE COUNTY

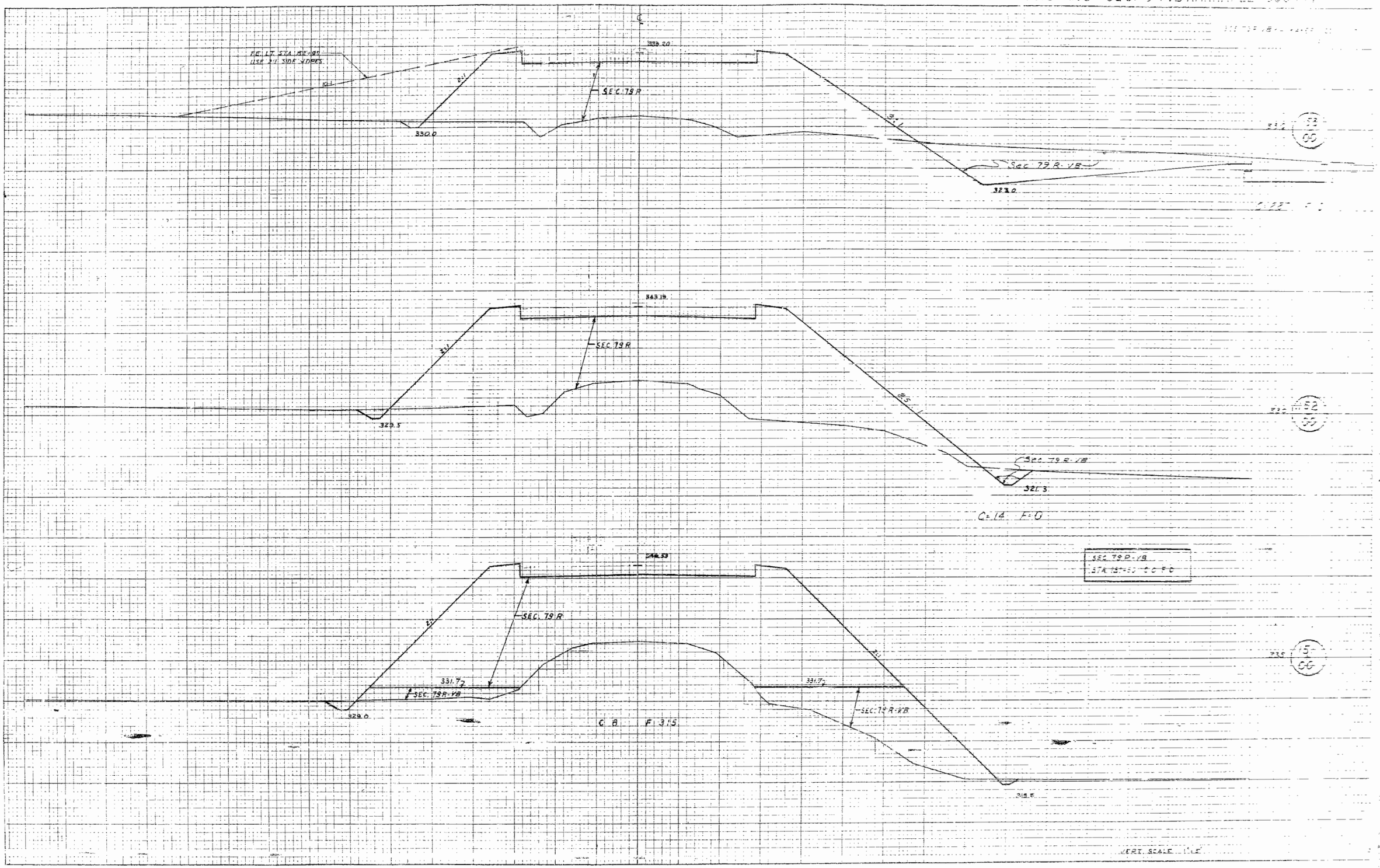
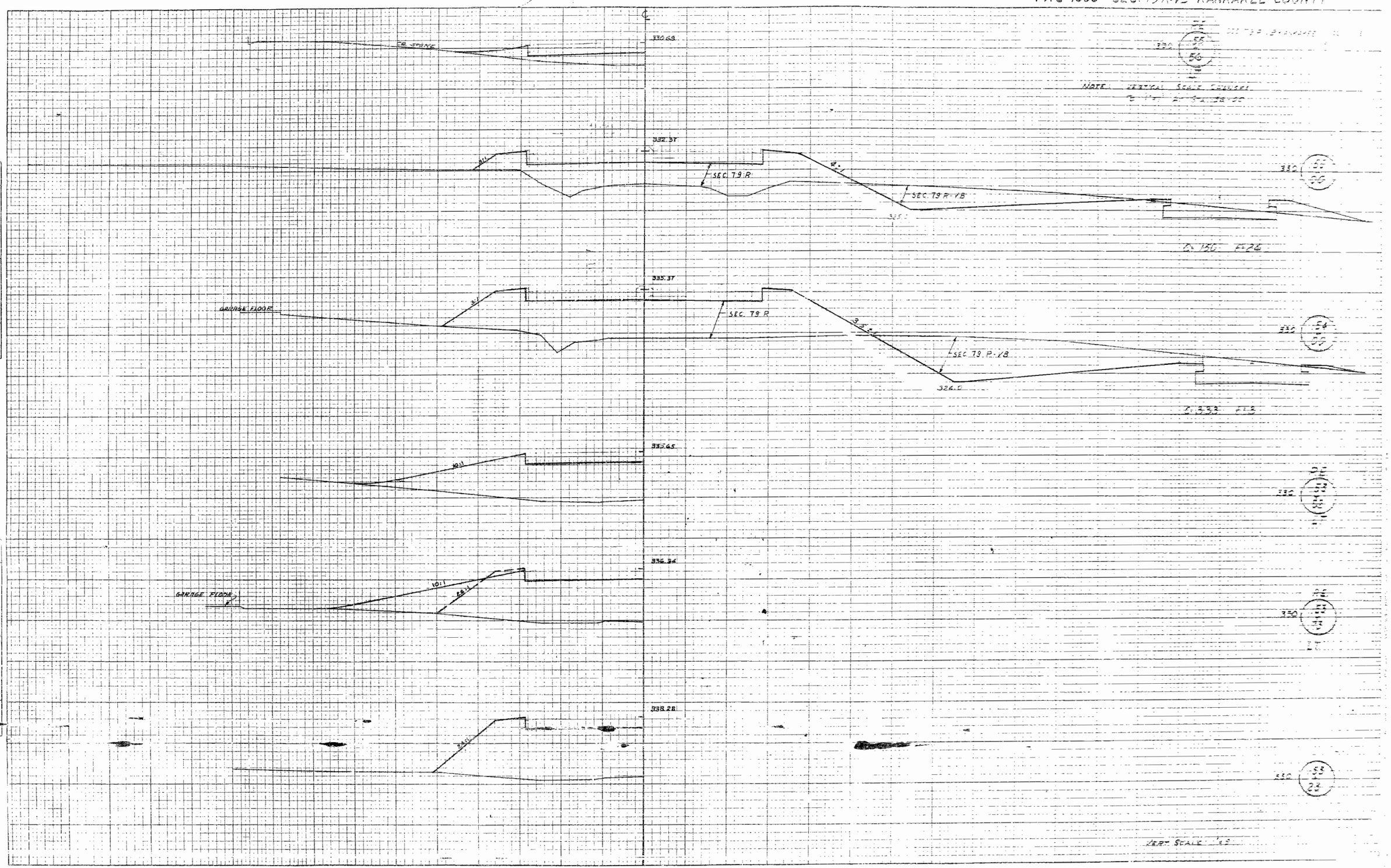


PLATE 3 CROSS SECTION B.P.R. STANDARD
EUGENE DIETZGEN CO. CHICAGO NEW YORK

FAS 1305 SEC. 79 R-VB KANKAKEE COUNTY

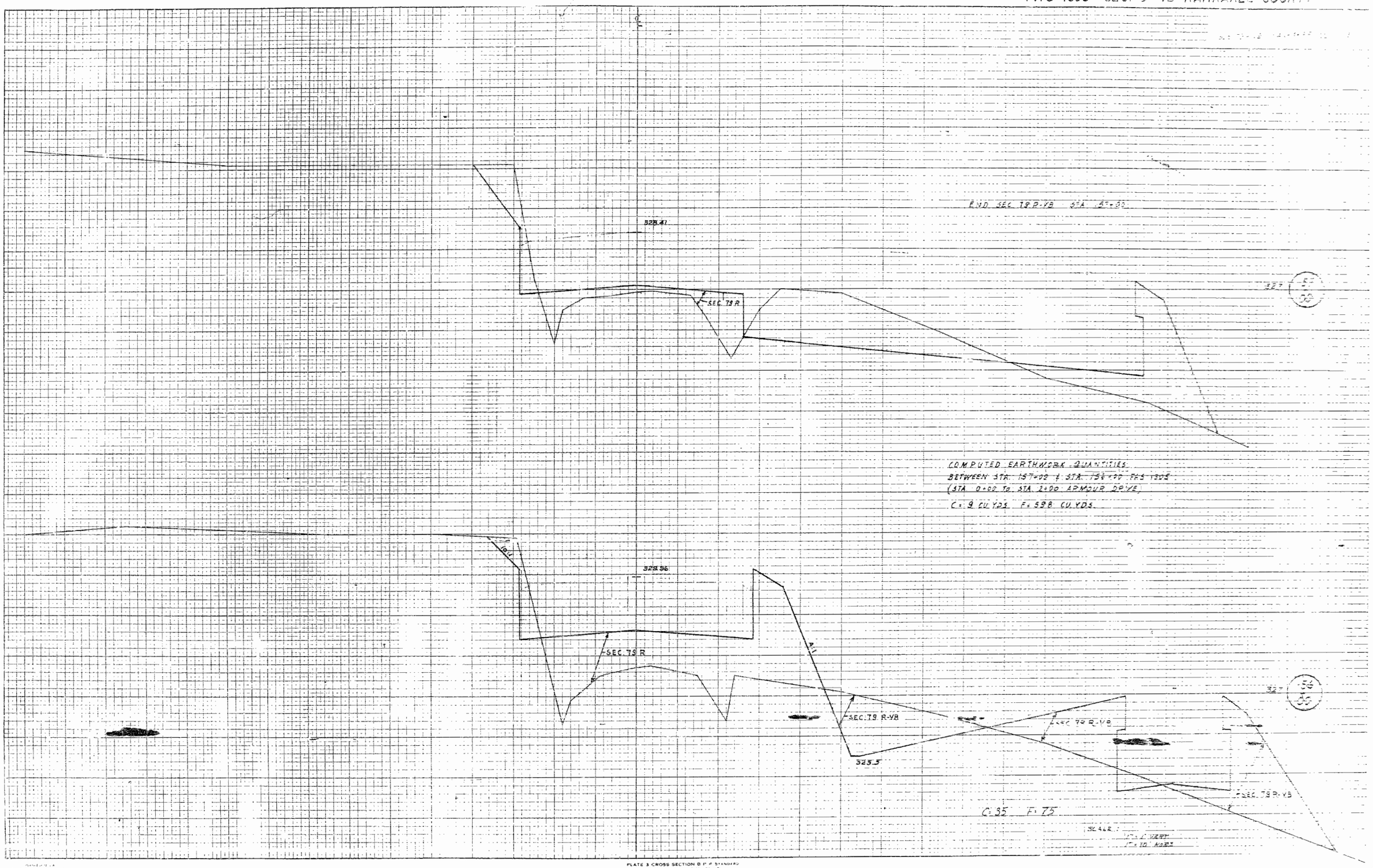


FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

PLATE 3 CROSS SECTION B P R STANDARD

FAS 1305 SEC. 79R-3 KANKAKEE COUNTY



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

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

PLATE 3 CROSS SECTION 8 1/2" x 11" STANDARD
EUGENE DIETZGEN CO. CHICAGO NEW YORK