

**SIDE ROAD SURFACING NOTE**

If Side Road is not presently surfaced, new pavement shall be placed as shown, and the remainder to construction limits, if any, shall be gravel or crushed stone surfaced.

If Side Road is presently paved, new pavement shall be placed only as necessary to meet existing pavement, and to limits of design as shown.

IF SIDE ROAD IS THE CONSTRUCTION PROJECT, the intersection geometrics remain as shown. The surfacing shall be same as for the project.

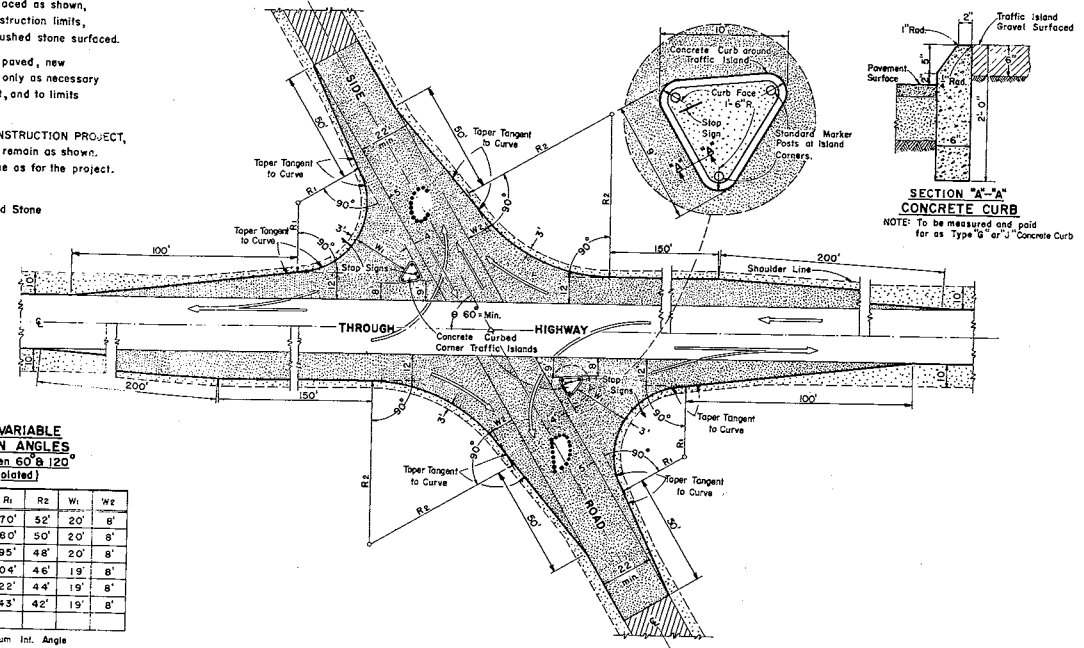
— Pavement  
 — Gravel or Crushed Stone

**TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES**  
 (Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R <sub>1</sub>	R <sub>2</sub>	W <sub>1</sub>	W <sub>2</sub>	B	R <sub>1</sub>	R <sub>2</sub>	W <sub>1</sub>	W <sub>2</sub>
60°	31'	72'	25'	10'	95°	70'	52'	20'	8'
65°	35'	69'	24'	9'	100°	80'	50'	20'	8'
70°	39'	66'	23'	8'	105°	95'	48'	20'	8'
75°	43'	63'	22'	8'	110°	104'	46'	19'	8'
80°	47'	60'	21'	8'	115°	122'	44'	19'	8'
85°	54'	57'	21'	8'	120°	143'	42'	19'	8'
90°	62'	54'	21'	8'					

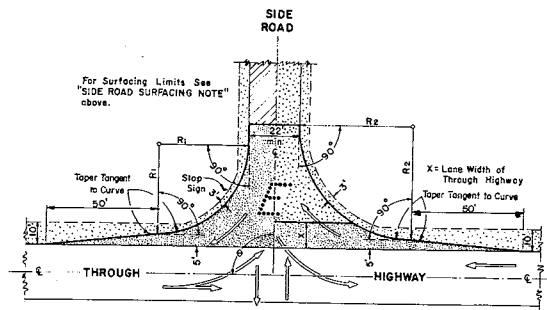
\* Minimum Int. Angle

\*\* Maximum Int. Angle



**MAJOR SIDE ROAD INTERSECTION DESIGN DETAILS**

To be used only when current ADT on Through Highway is 1500 or over, and on Side Road is Over 200



**MINOR SIDE ROAD INTERSECTION DESIGN DETAILS**

To be used when current ADT on Through Highway is Less than 1500 or on Side Road is Less than 200

**TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES**  
 (Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R <sub>1</sub>	R <sub>2</sub>	B	R <sub>1</sub>	R <sub>2</sub>
* 60°	40'	50'	95°	45'	49'
65°	40'	50'	100°	50'	48'
70°	40'	50'	105°	55'	47'
75°	40'	50'	110°	60'	46'
80°	40'	50'	115°	65'	45'
85°	40'	50'	** 120°	70'	44'
90°	40'	50'			

\* Minimum Int. Angle

\*\* Maximum Int. Angle

**GENERAL NOTES**

Designs "A" "B" "C" "D" or "E" may be used interchangeably in combination or separately for any one complete intersection depending upon Traffic Volume, intersection angle and Surfacing of each approach roadway.

Details on this drawing are for Minimum Design Only, and not applicable to Special Conditions, as shown elsewhere on the plans.

**DESIGN & LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS (RURAL IN CHARACTER)**

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL

DATE: 1/17/58  
 APPROVED: [Signature] ENGINEER OF DESIGN

DATE: 1/17/58  
 APPROVED: [Signature] STATE HIGHWAY ENGINEER

# ESTIMATE OF QUANTITIES

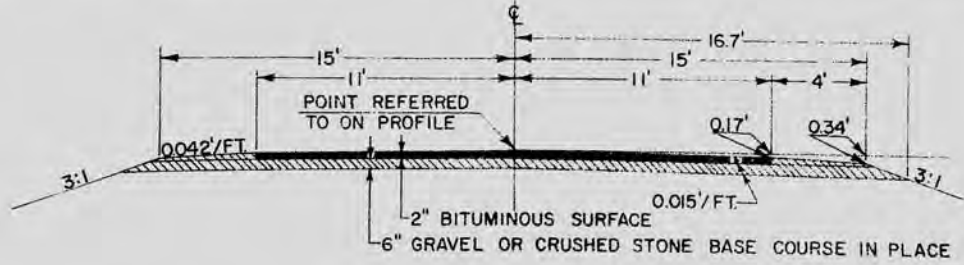
CONTRACT NO. J.....

PROJECT	SHEET NUMBER	TOTAL SHEETS
S 0531 (9) S 0531 (10) S 1170 (5)	2	23

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1957 APPROVED AUG. 9, 1957 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	TRAFFIC BOUND BASE COURSE		CULVERT PIPE					GUARD FENCE			MARKER POSTS FOR R/W	PREP OF ROADBED FOR BIT SURF	BIT. ROAD MIX SURE	AGGREGATES FOR BIT. ROAD MIX SURFACE	BIT. MAT. FOR SURE COURSE	TOPSOIL			
				210-1	210-2	210-3				2204-1	23	2411-1	2512-1	2523-1	2523-2	2523-3	2523-4	2310-1	2313-1						2313-2	2313-3	2528-1	2528-2
ITEM NO.	UNIT	2101-1	2101-2	210-1	210-2	210-3	210-1	2114-1	2116-1	2204-1	23	2411-1	2512-1	2523-1	2523-2	2523-3	2523-4	2310-1	2313-1	2313-2	2313-3	2528-1	2528-2	2531-1	2532-1			
	LIN. FT.			C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH	STA.	S. Y.	C. Y.	GAL.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.
PROJECT S0531(9)																												
0+00 - 430+63.8	42,973.8									2800		* 42									430	105,050	7300	164,250				
PROJECT S0531(10)																					116	28,170	1960	44,100				
430+63.8 - 545+87.5	11,523.7									650																		
PROJECT S1170(5)																												
10+00 - 33+07.3	2,307.3									130											24	5650	390	8900				
<b>TOTAL CONTRACT</b>	<b>56,804.8</b>									<b>3580</b>		<b>42</b>									<b>570</b>	<b>138,870</b>	<b>9650</b>	<b>217,250</b>				

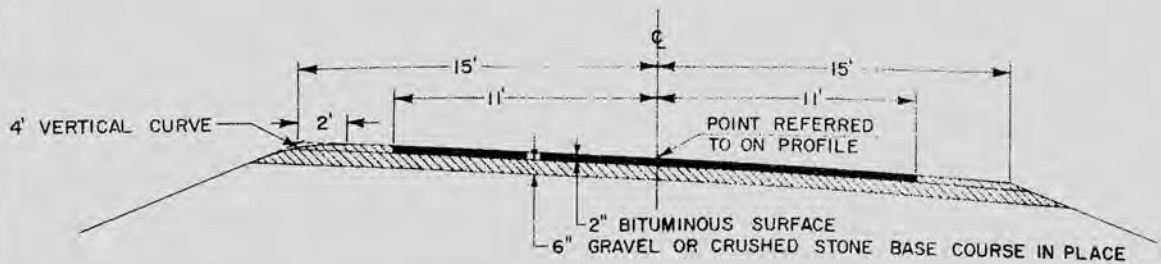
\*INSTALL AT STA. 15+00



TYPICAL SECTION FOR 30' ROADBED

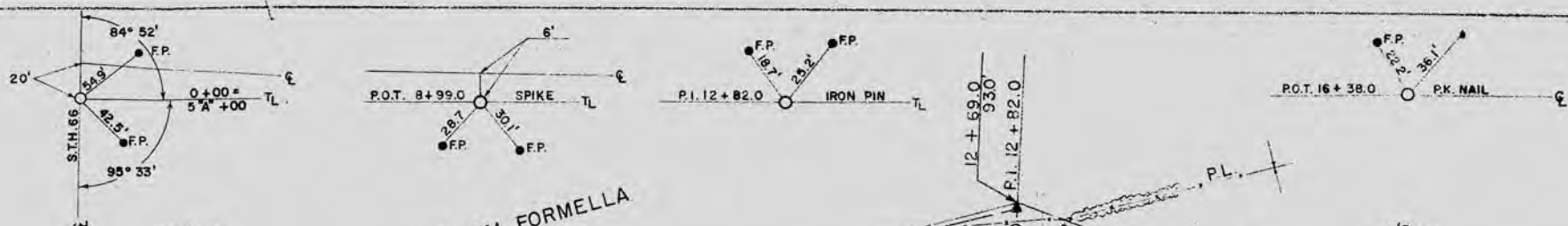
STANDARD DETAIL DRAWINGS  
9-1.1.3 DETAILS OF SIDE ROADS AT GRADE INTERSECTIONS

NOTE:  
SHEETS 3 TO 22 ARE INCLUDED TO SHOW PROFILE AND ALIGNMENT ONLY. OTHER INFORMATION NOT PERTINENT TO THIS CONTRACT.



TYPICAL SUPERELEVATED SECTION

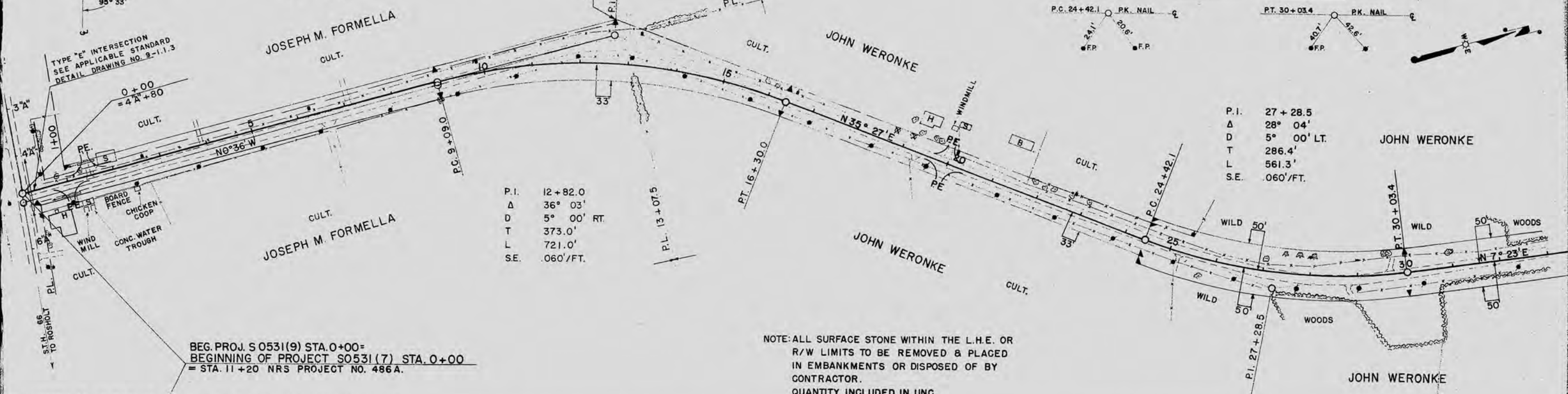
NOTE:  
SUPERELEVATION TRANSITION COMPUTED WITH TWO-THIRDS OF THE TOTAL TRANSITION ON THE TANGENT APPROACH AND ONE-THIRD WITHIN THE CURVE.  
TRANSITION 175'



NO	STATION	DESCRIPTION	EL.
1	4+94	SPIKE IN POWER POLE	27' RT. 100.00
2	13+22	" " " " "	68' LT. 98.74
3	22+73	" " " " "	36' LT. 112.24
4	32+00	SPIKE IN 18" OAK	69' LT. 133.96

B.P.N. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	3	148

50531(9) 3-23



BEG. PROJ. S 0531(9) STA. 0+00 =  
 BEGINNING OF PROJECT S0531(7) STA. 0+00  
 = STA. 11+20 NRS PROJECT NO. 486A.

NOTE: ALL SURFACE STONE WITHIN THE L.H.E. OR  
 R/W LIMITS TO BE REMOVED & PLACED  
 IN EMBANKMENTS OR DISPOSED OF BY  
 CONTRACTOR.  
 QUANTITY INCLUDED IN UNC.

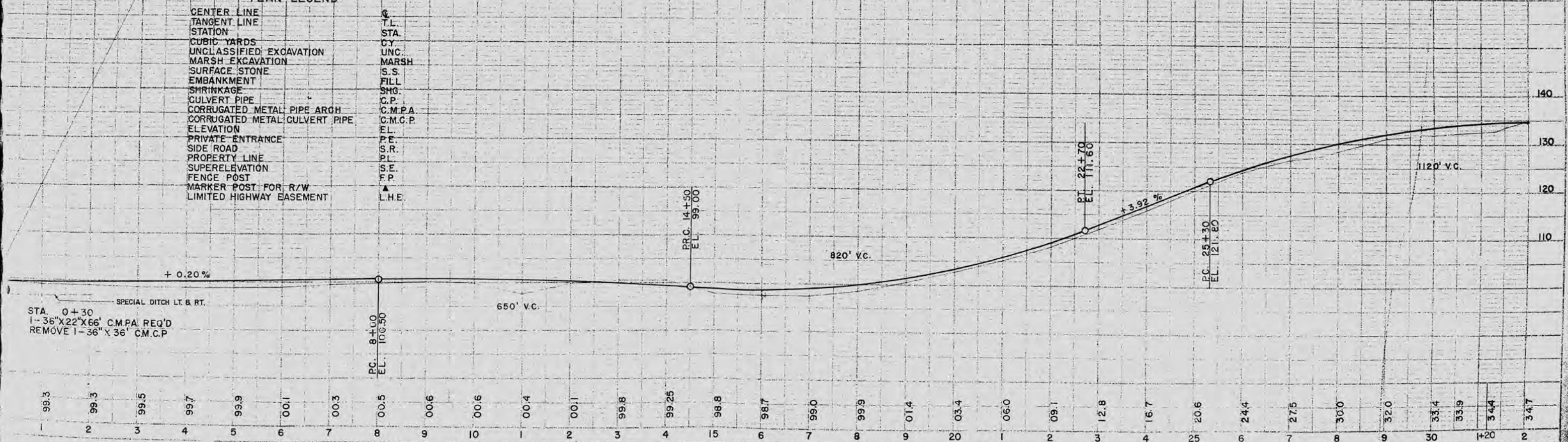
NET LENGTH OF CENTERLINE STA. 0+00 TO 30+00 = 3000.00 LIN. FT.

UNC. 422 C.Y.	UNC. 1428 C.Y.	UNC. 1919 C.Y. (INCLUDES 350 C.Y. S.S.)	UNC. 799 C.Y.
FILL 317 C.Y.	FILL 1072 C.Y.	FILL 1440 C.Y.	FILL 599 C.Y.
SHG. 33 1/3 %	SHG. 33 1/3 %	SHG. 33 1/3 %	SHG. 33 1/3 %

PLAN LEGEND

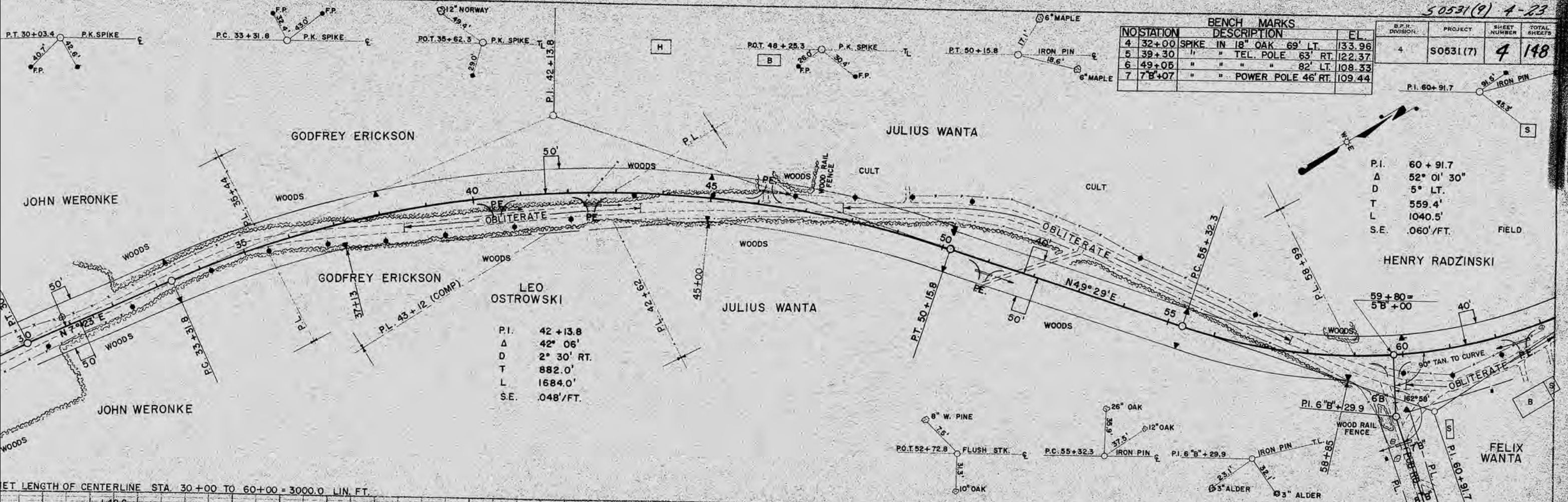
- CENTER LINE
- TANGENT LINE
- STATION
- CUBIC YARDS
- UNCLASSIFIED EXCAVATION
- MARSH EXCAVATION
- SURFACE STONE
- EMBANKMENT
- SHRINKAGE
- CULVERT PIPE
- CORRUGATED METAL PIPE ARCH
- CORRUGATED METAL CULVERT PIPE
- ELEVATION
- PRIVATE ENTRANCE
- SIDE ROAD
- PROPERTY LINE
- SUPERELEVATION
- FENCE POST
- MARKER POST FOR R/W
- LIMITED HIGHWAY EASEMENT

- T.L.
- STA.
- C.Y.
- UNC.
- MARSH
- S.S.
- FILL
- SHG.
- C.P.
- C.M.P.A.
- C.M.C.P.
- EL.
- P.E.
- S.R.
- P.L.
- S.E.
- F.P.
- L.H.E.

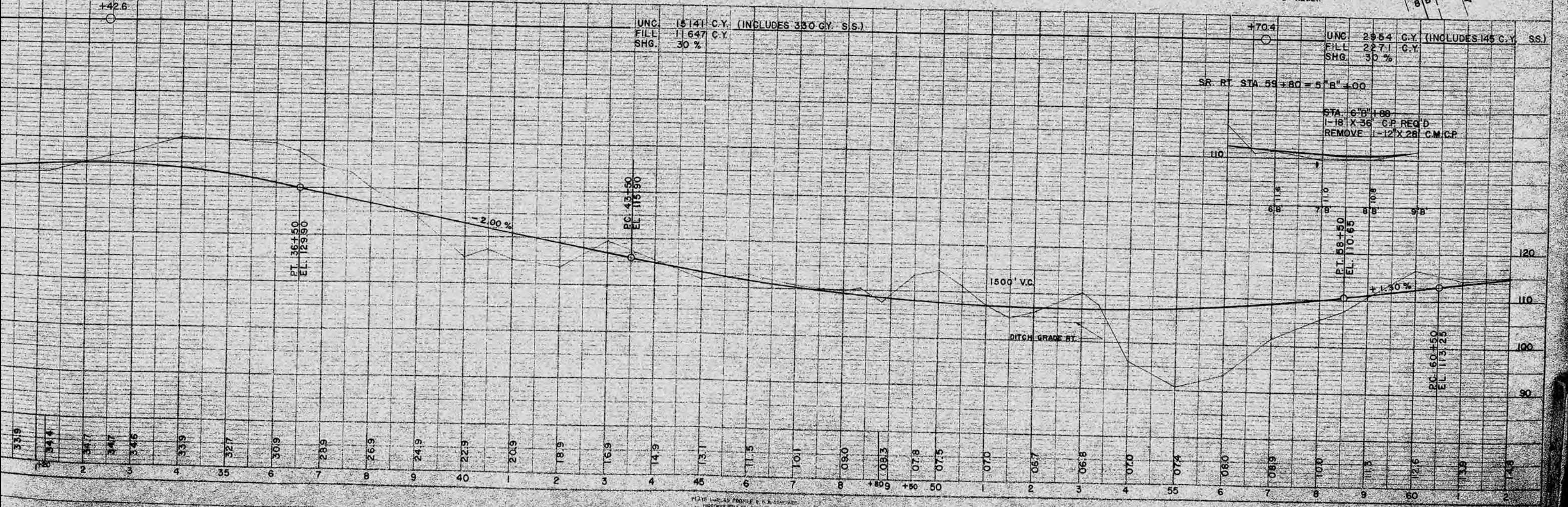


NO	STATION	DESCRIPTION	EL.
4	32+00	SPIKE IN 18" OAK 69' LT.	133.96
5	39+30	" " TEL. POLE 63' RT.	122.37
6	49+05	" " " " 82' LT.	108.33
7	7'B+07	" " POWER POLE 46' RT.	109.44

B.P. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	4	148

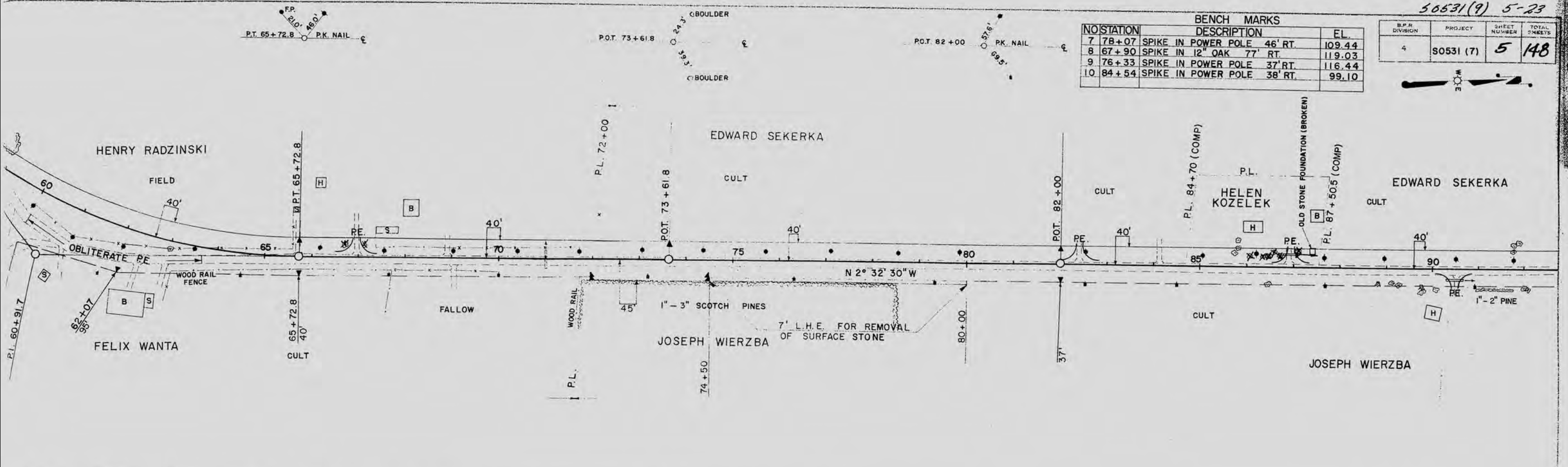


NET LENGTH OF CENTERLINE STA. 30+00 TO 60+00 = 3000.0 LIN. FT.

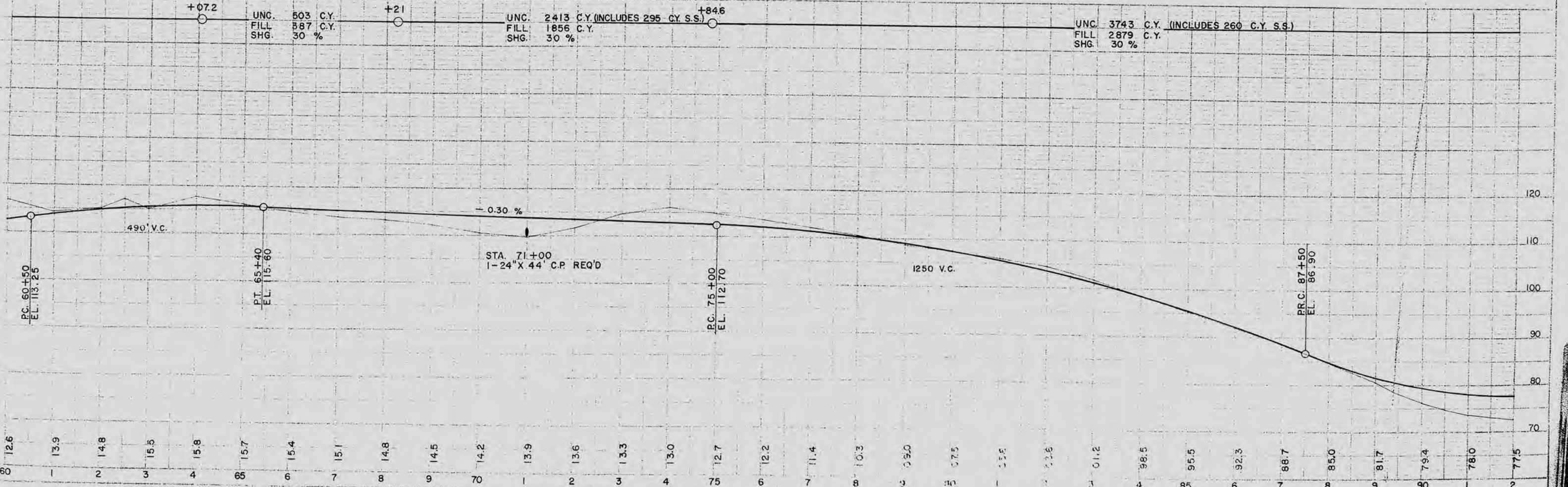


NO	STATION	BENCH MARKS DESCRIPTION	EL.
7	78+07	SPIKE IN POWER POLE 46' RT.	109.44
8	67+90	SPIKE IN 12" OAK 77' RT.	119.03
9	76+33	SPIKE IN POWER POLE 37' RT.	116.44
10	84+54	SPIKE IN POWER POLE 38' RT.	99.10

B.P.N. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531 (7)	5	148



NET LENGTH OF CENTERLINE STA. 60+00 TO STA. 90+00=3000.0 LIN. FT.





NO	STATION	DESCRIPTION	POLE	EL.
11	94+20	SPIKE IN	40' RT	79.06
12	104+02	"	38' RT	86.15
13	115+64	"	45' LT	87.03
14	123+00	"	106' RT	102.06

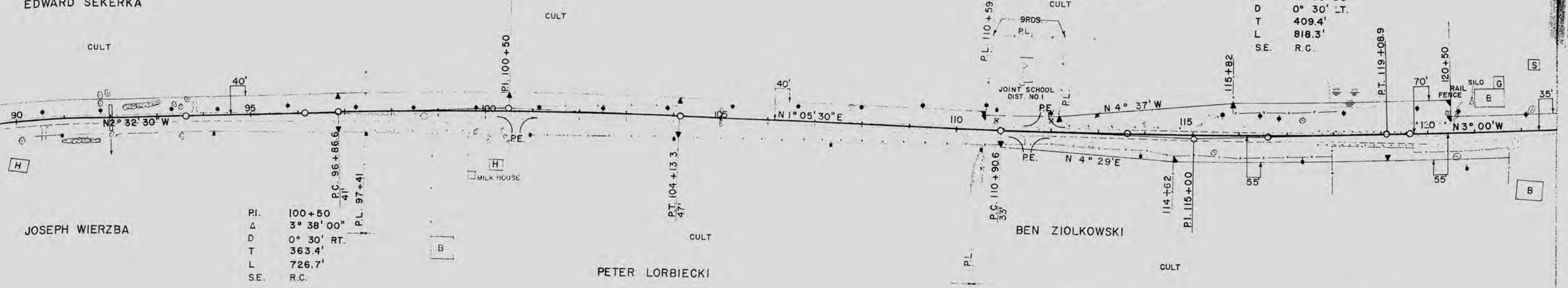
B.P. NO.	PROJECT	SHEET NUMBER	TOTAL SHEETS
	S0531 (7)	6	148

50531(9) 6-23

EDWARD SEKERKA

BEN ZIOLKOWSKI

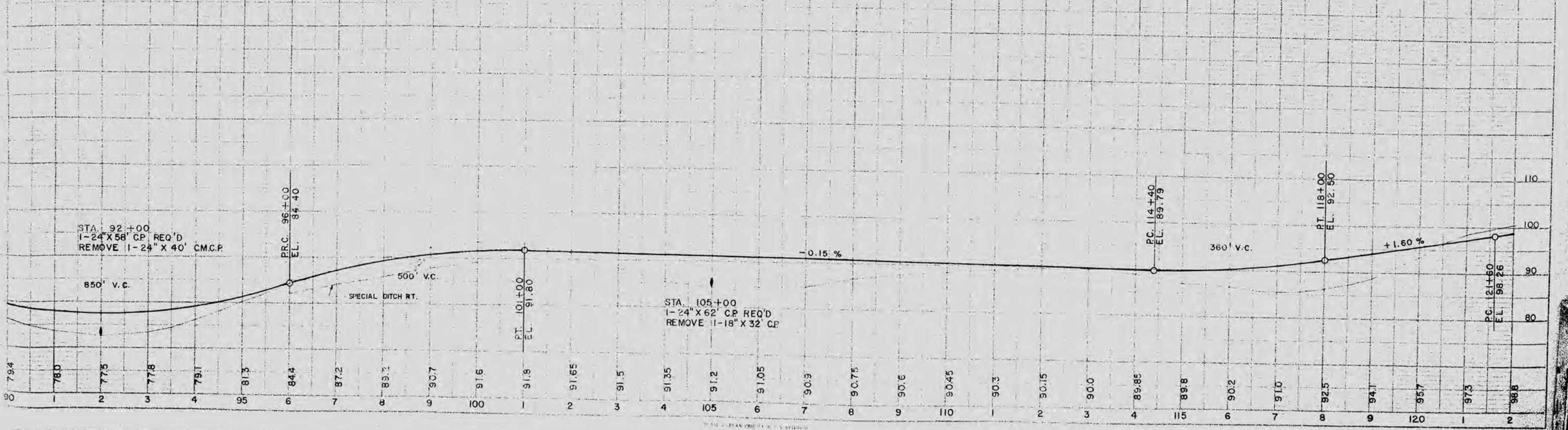
P.I. 115+00  
 Δ 4° 05' 30"  
 D 0° 30' LT.  
 T 409.4'  
 L 818.3'  
 S.E. R.C.



P.I. 100+50  
 Δ 3° 38' 00"  
 D 0° 30' RT.  
 T 363.4'  
 L 726.7'  
 S.E. R.C.

NET LENGTH OF CENTERLINE STA. 90+00 TO STA 120+00 = 3000.0 LIN. FT.

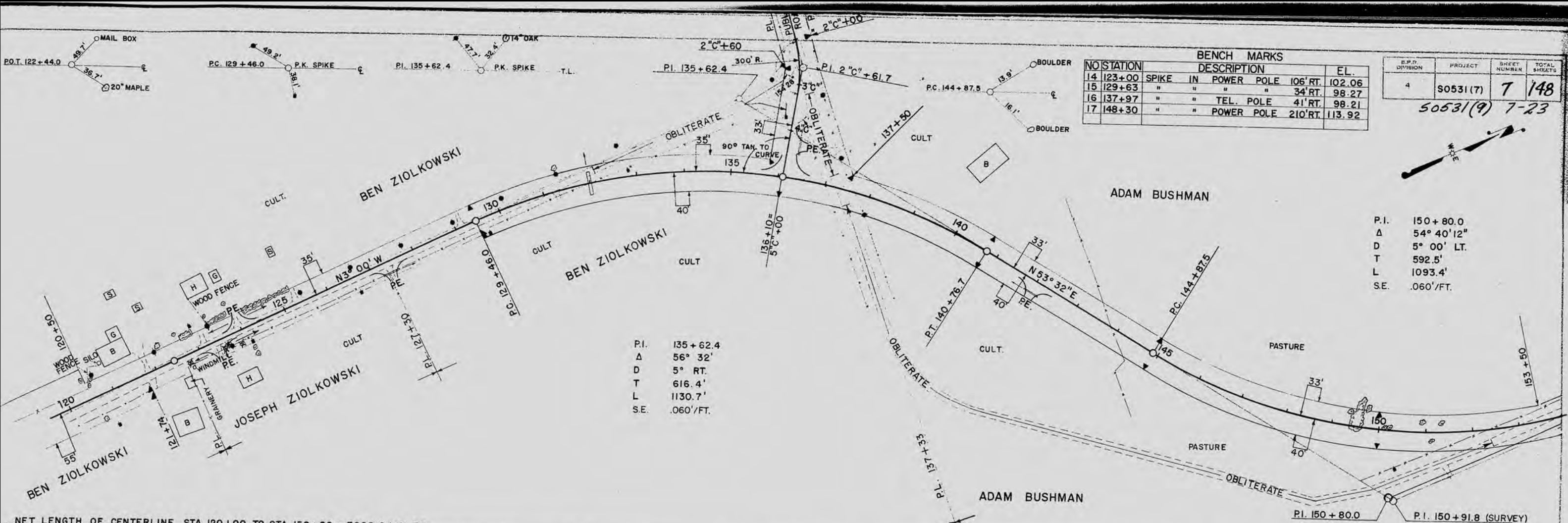
+83.9	UNC. 1295 C.Y. FILL 995 C.Y. SHG. 30%	+47.3	UNC. 1635 C.Y. FILL 1257 C.Y. SHG. 30%	+05.8	UNC. 210 C.Y. BORROW 177.6 C.Y. FILL 1378.9 C.Y. SHG. 30%	+90.0	UNC. 942 C.Y. FILL 721 C.Y. SHG. 30%	+81.7
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STA. 92+00  
 1-24" X 58" CP REQ'D  
 REMOVE 11-24" X 40' CM.C.P.

STA. 105+00  
 1-24" X 62" CP REQ'D  
 REMOVE 11-18" X 32' CP

79.4	78.0	77.5	77.8	79.1	81.3	84.4	87.2	89.2	90.7	91.6	91.8	91.65	91.5	91.35	91.2	91.05	90.3	90.6	90.45	90.3	90.15	90.0	89.85	89.8	90.2	91.0	92.5	94.1	95.7	97.3	98.8
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NO	STATION	DESCRIPTION	POLE	106' RT.	EL.
14	123+00	SPIKE IN	POWER POLE	106' RT.	102.06
15	129+63	"	"	34' RT.	98.27
16	137+97	"	TEL. POLE	41' RT.	98.21
17	148+30	"	POWER POLE	210' RT.	113.92

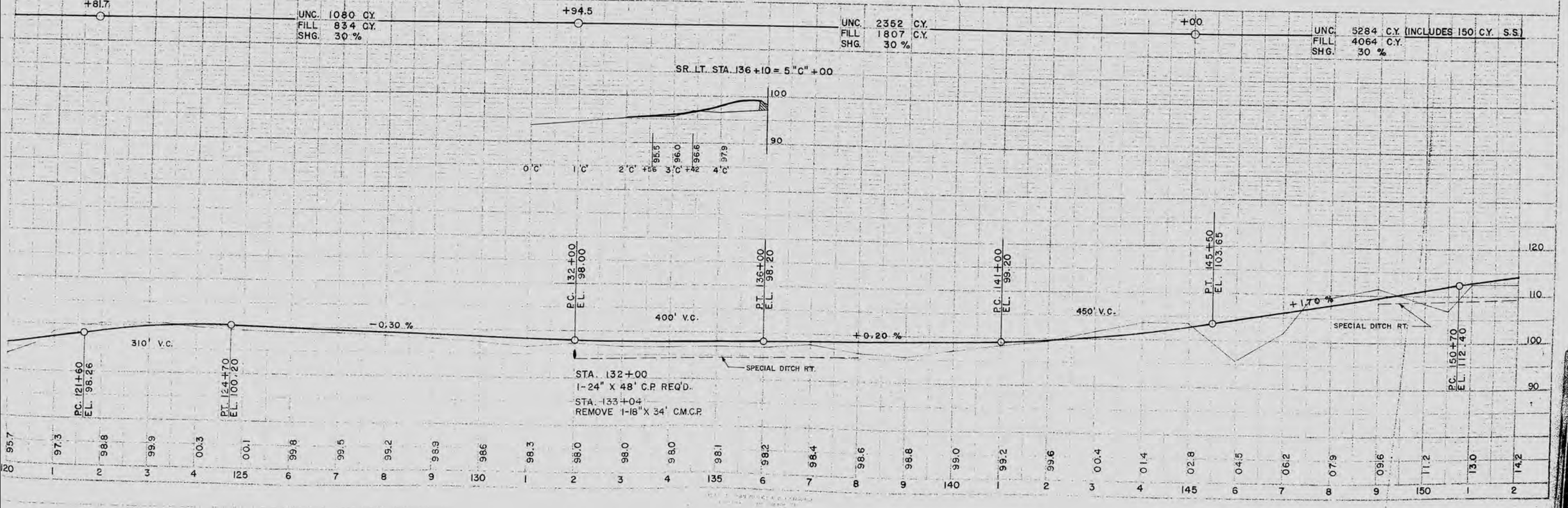
B.P.D. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	7	148

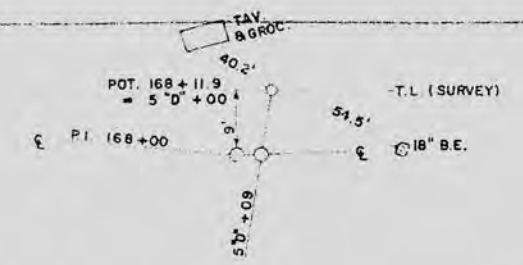
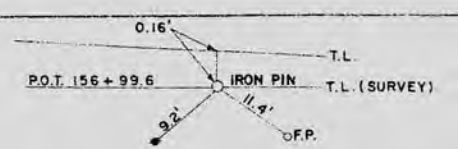
50531(9) 7-23

P.I. 150+80.0  
 Δ 54° 40' 12"  
 D 5° 00' LT.  
 T 592.5'  
 L 1093.4'  
 S.E. .060'/FT.

P.I. 135+62.4  
 Δ 56° 32'  
 D 5° RT.  
 T 616.4'  
 L 1130.7'  
 S.E. .060'/FT.

NET LENGTH OF CENTERLINE STA. 120+00 TO STA. 150+00 = 3000.0 LIN. FT.

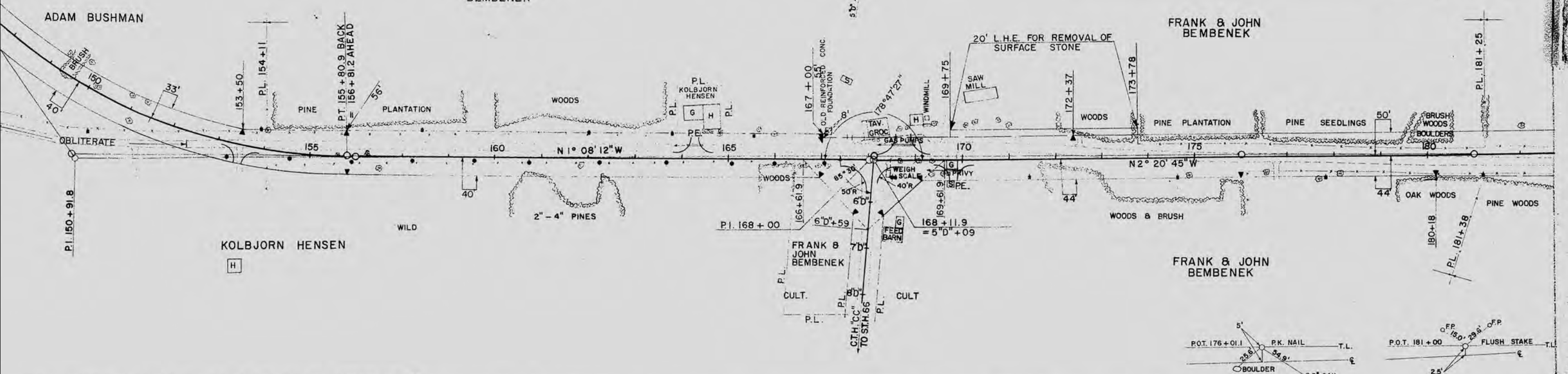




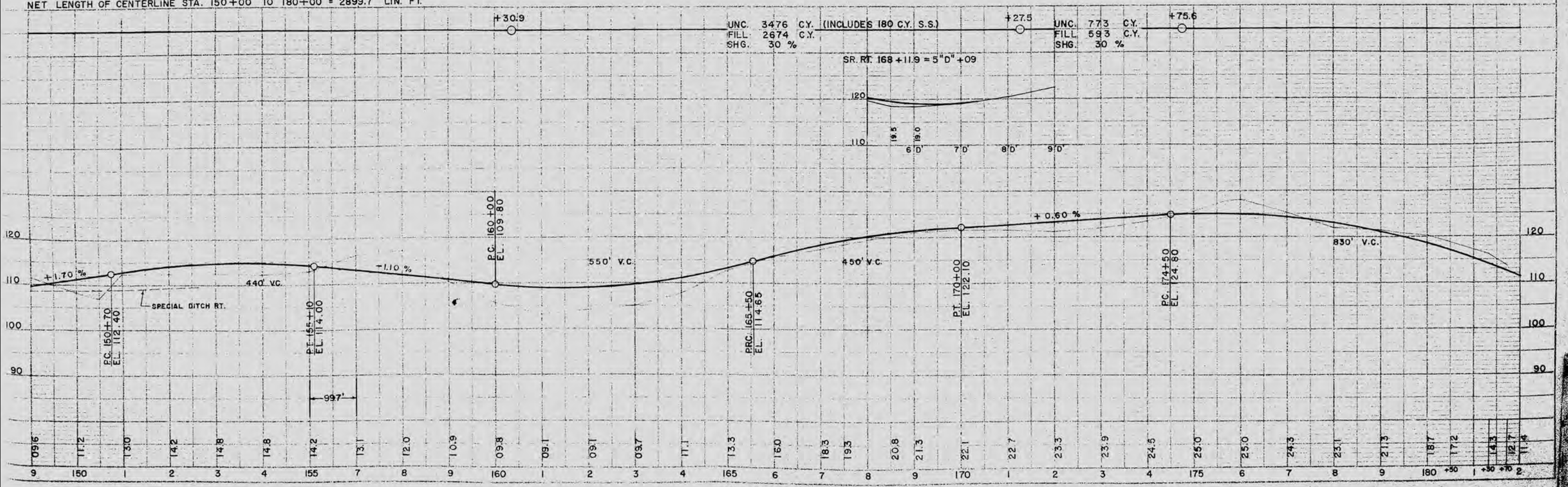
NO	STATION	DESCRIPTION	EL.
18	160+20	SPK. IN 10" PINE 60' LT.	106.34
19	167+90	SE. COR. CONC. PLATFORM 33' LT.	120.86
20	174+65	SPK. IN POWER POLE 44' RT.	126.74

E.P.D. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	8	148

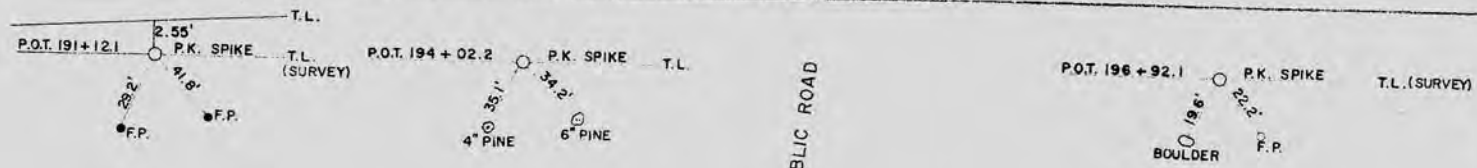
50531(9) 8-23



NET LENGTH OF CENTERLINE STA. 150+00 TO 180+00 = 2899.7 LIN. FT.



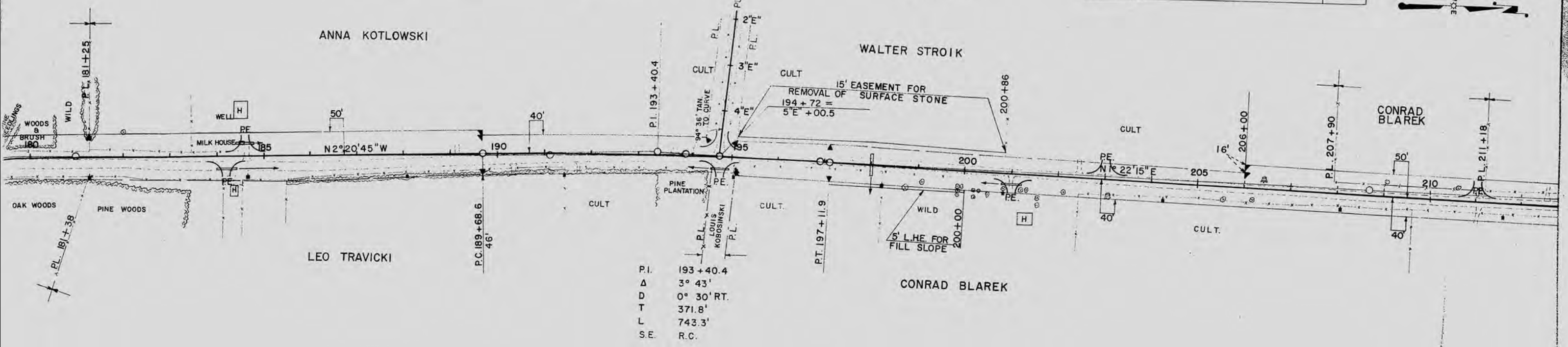
SCALE: 1" = 40' HORIZ. 1" = 10' VERT.



NO	STATION	DESCRIPTION	EL.
21	184+65	SPK. IN POWER POLE 48' RT.	101.69
22	195+03	" " " " 43' RT.	88.32
23	204+28	" " " " 45' RT.	94.56

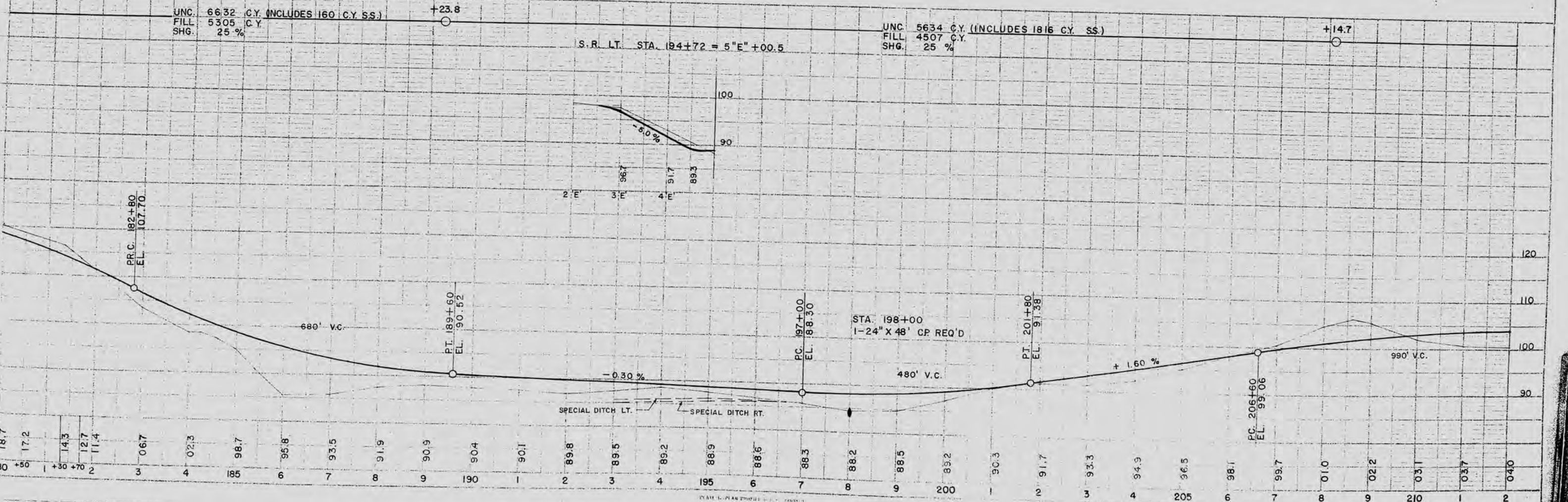
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0531 (7)	9	148

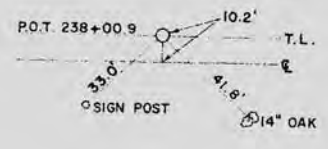
50531(9) 9-23



P.I. 193+40.4  
 Δ 3° 43'  
 D 0° 30' RT.  
 T 371.8'  
 L 743.3'  
 S.E. R.C.

NET LENGTH OF CENTERLINE STA. 180+00 TO STA. 210+00 = 3000.0 LIN. FT.

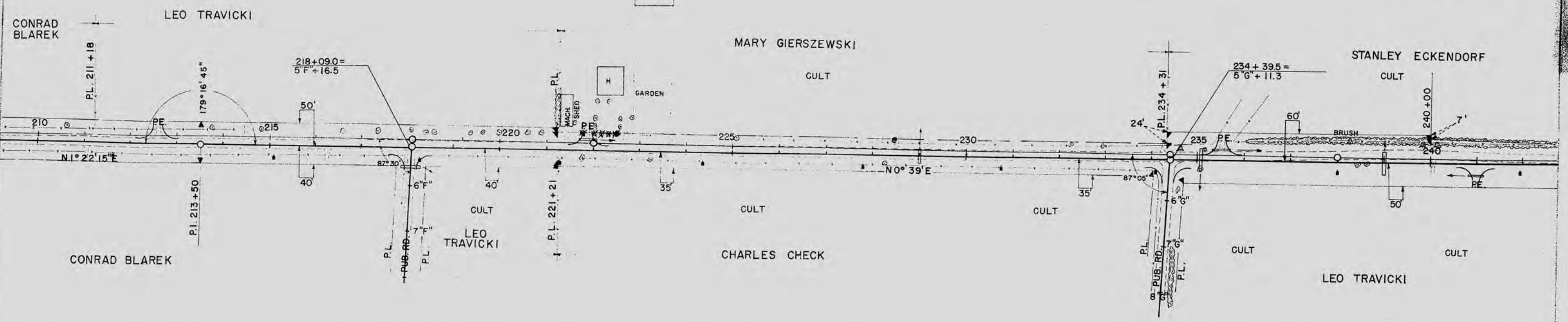




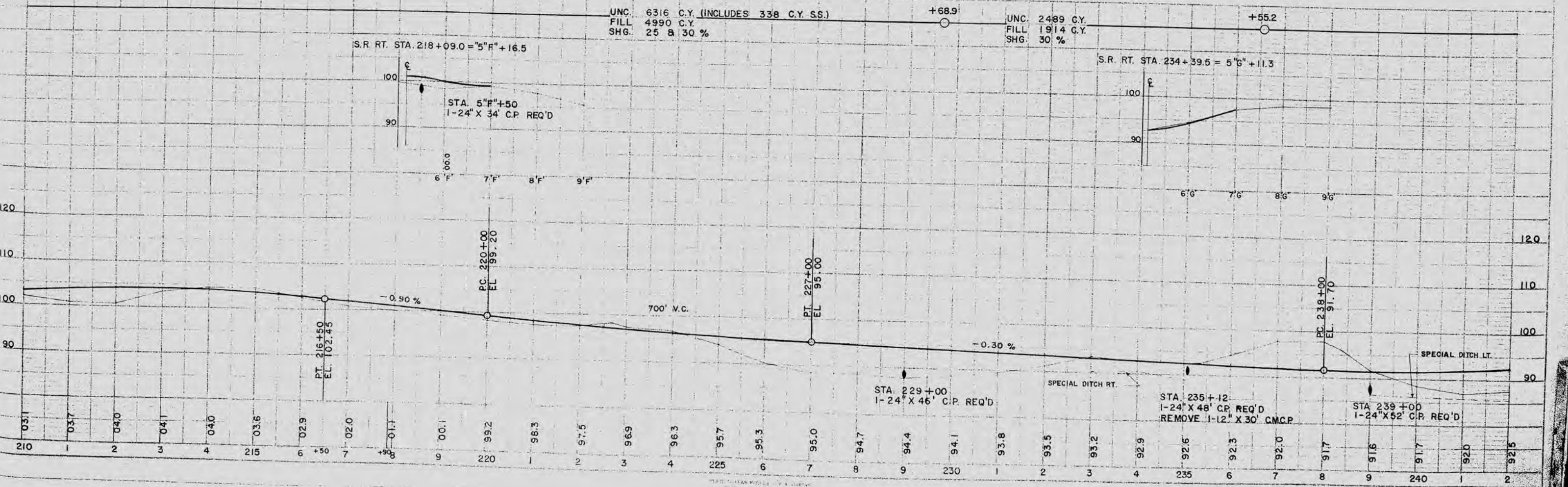
NO	STATION	SPK.	IN	DESCRIPTION	EL.
24	215+10	"	"	POWER POLE 45' RT	104.67
25	224+35	"	"	" 40' RT	98.43
26	76'+30	SPK.	IN	6" CHERRY 15' LT	101.56

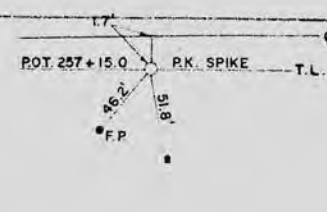
S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	10	148

50531(9) 10-23



NET LENGTH OF CENTERLINE STA. 210+00 TO STA. 240+00 = 3000.0 LIN. FT.



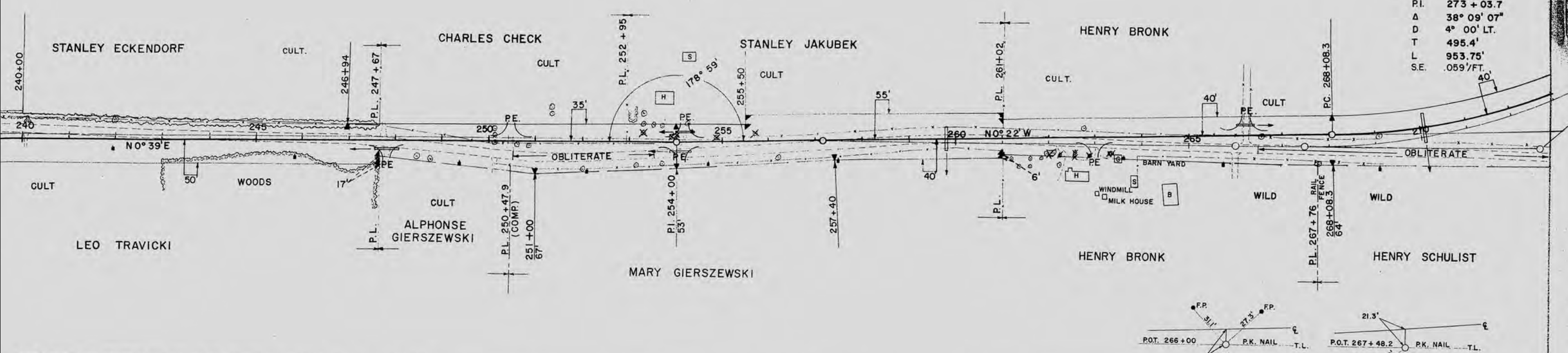


BENCH MARKS			
NO	STATION	DESCRIPTION	EL.
27	243+82	SPK. IN 6" OAK	51'RT. 94.02
28	252+12	SPK. IN POWER POLE	69'RT. 110.27
29	261+02	SPK. IN 20" OAK	112'LT. 120.53
30	272+55	SPK. IN POWER POLE	154'RT. 96.44

D.P. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531 (7)	11	148

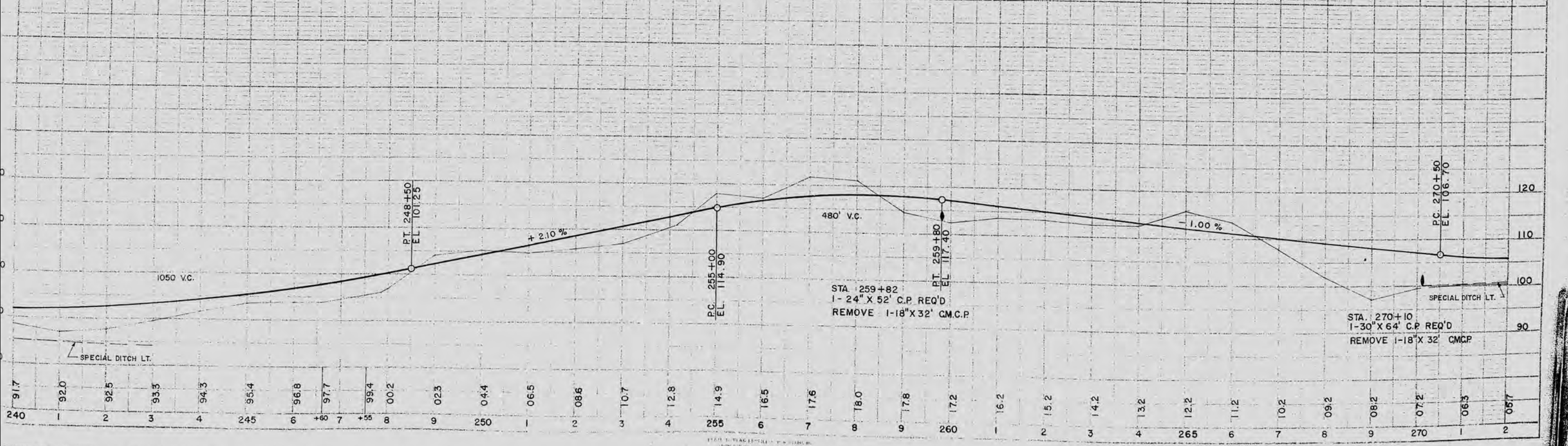
50531(9) 11-23

P.I. 273 + 03.7  
 Δ 38° 09' 07"  
 D 4° 00' LT.  
 T 495.4'  
 L 953.75'  
 S.E. .059'/FT.



NET LENGTH OF CENTERLINE STA. 240+00 TO STA. 270+00 = 3000.0 LIN. FT.

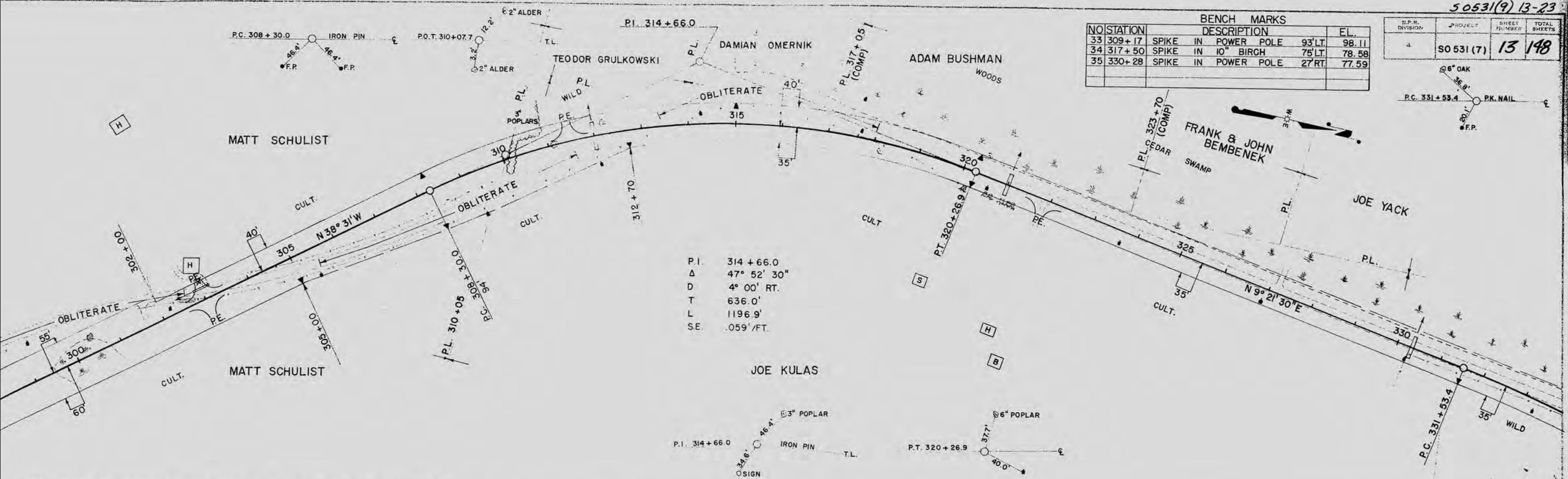
UNC. 5554 C.Y. (INCLUDES 165 C.Y. S.S.)	+78.8	UNC. 1502 C.Y. (INCLUDES 120 C.Y. S.S.)	+65.0	UNC. 8609 C.Y. (INCLUDES 140 C.Y. S.S.)	+56.8
FILL 4274 C.Y.		FILL 1168 C.Y.		FILL 6887 C.Y.	
SHG. 30 %		SHG. 25 & 30 %		SHG. 25 %	





BENCH MARKS				
NO	STATION	DESCRIPTION	EL.	
33	309+17	SPIKE IN POWER POLE	93'LT	98.11
34	317+50	SPIKE IN 10" BIRCH	75'LT	78.58
35	330+28	SPIKE IN POWER POLE	27'RT	77.59

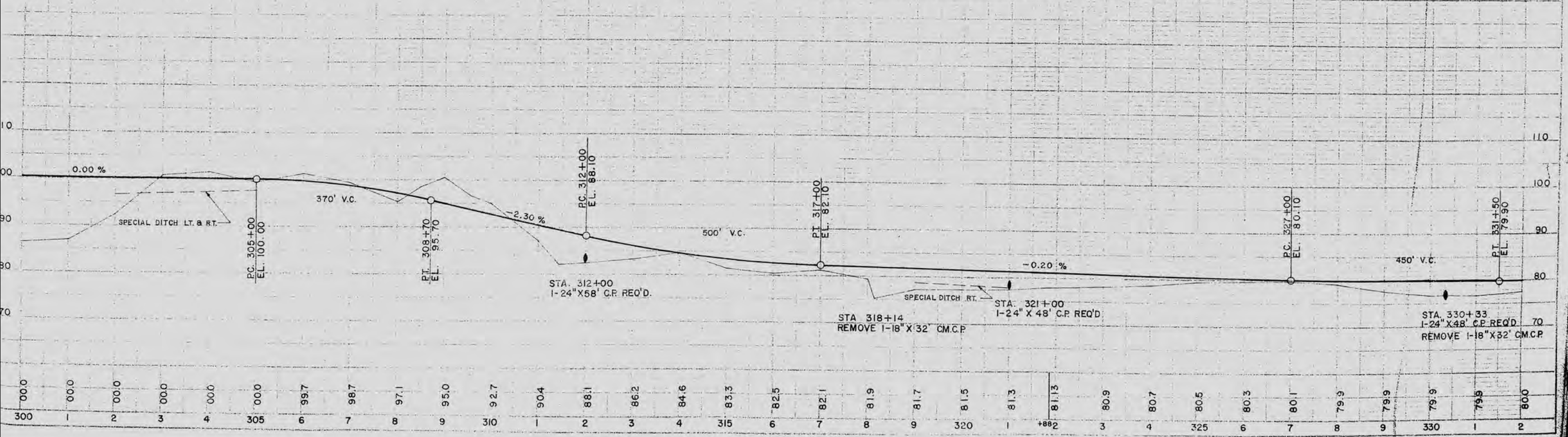
D.P.H. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	SO 531 (7)	13	148



P.I. 314+66.0  
 Δ 47° 52' 30"  
 D 4° 00' RT.  
 T 636.0'  
 L 1196.9'  
 S.E. .059'/FT.

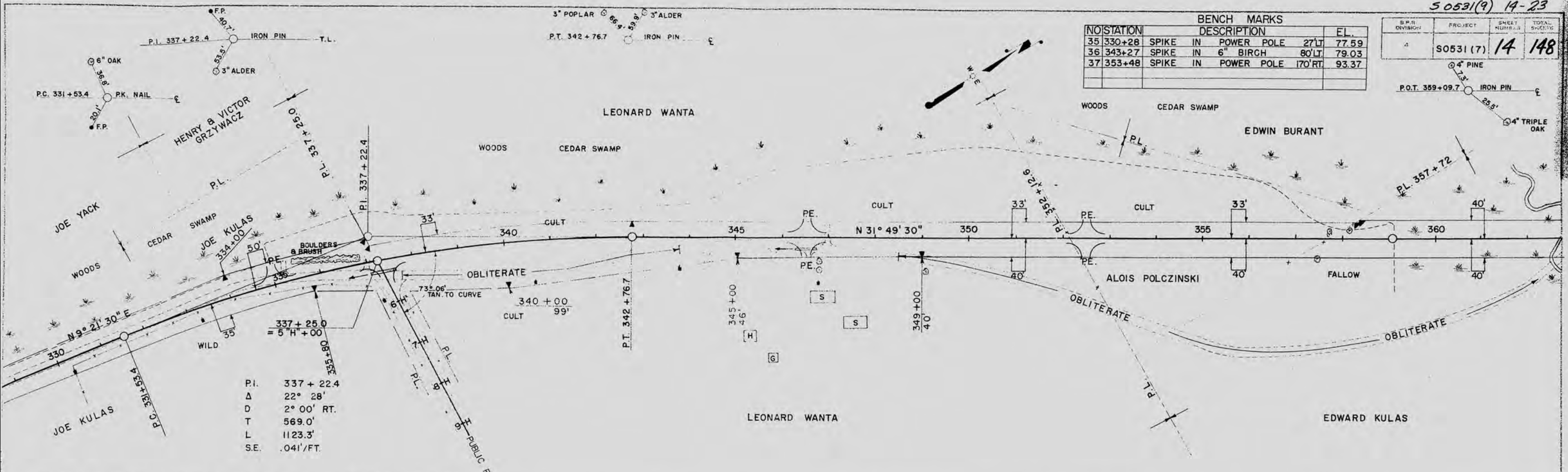
NET LENGTH OF CENTERLINE STA. 300+00 TO STA. 330+00 = 3000.0 LIN. FT.

+154	UNC. 3283 C.Y. FILL 2627 C.Y. SHG. 25 %	+60.7	UNC. 1983 C.Y. FILL 1526 C.Y. SHG. 30 %	+337	UNC. 958 C.Y. (INCLUDES 120 C.Y. S.S.) BORROW 3771 C.Y. FILL 3638 C.Y. SHG. 30 %	+88.0	UNC. 1105 C.Y. FILL 841 C.Y. SHG. 31.5 %	+30.3
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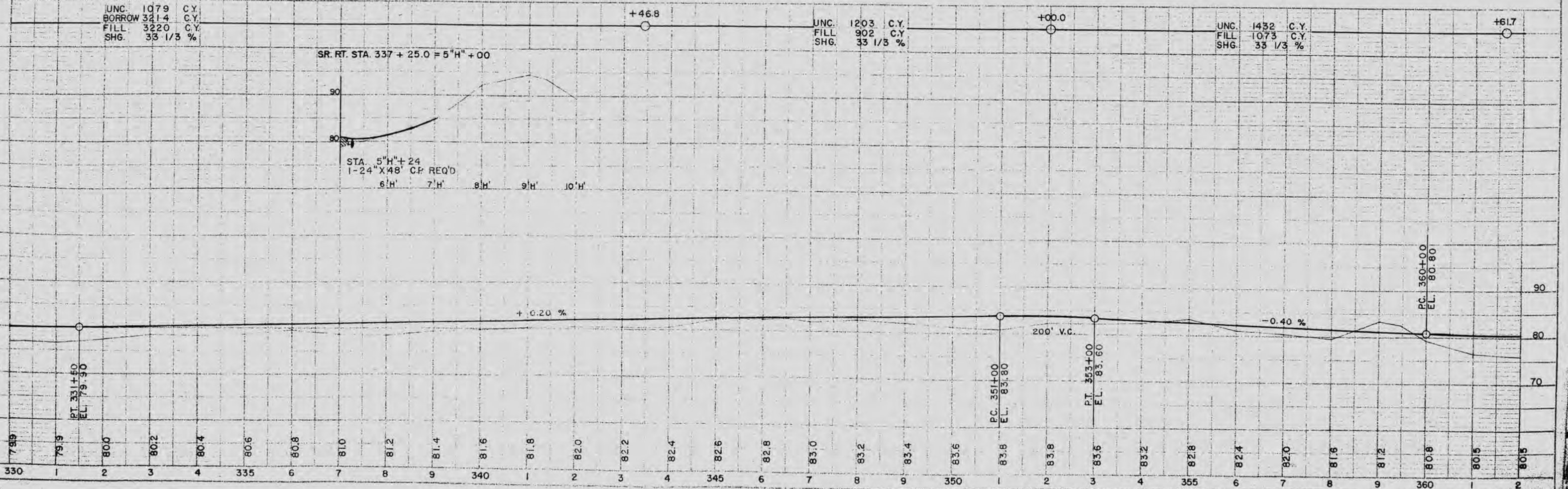
NO	STATION	DESCRIPTION	EL.
35	330+28	SPIKE IN POWER POLE 27' LT	77.59
36	343+27	SPIKE IN 6" BIRCH 80' LT	79.03
37	353+48	SPIKE IN POWER POLE 170' RT	93.37

DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	14	148

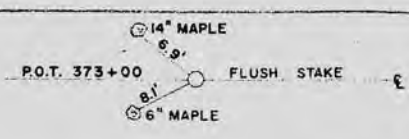
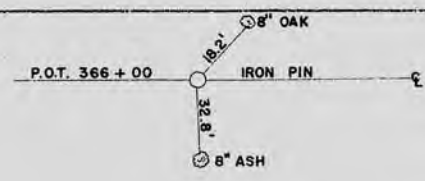


P.I. 337 + 22.4  
 Δ 22° 28'  
 D 2° 00' RT.  
 T 569.0'  
 L 1123.3'  
 S.E. .041'/FT.

NET LENGTH OF CENTERLINE STA. 330+00 TO STA. 360+00 = 3000.0 LIN. FT.



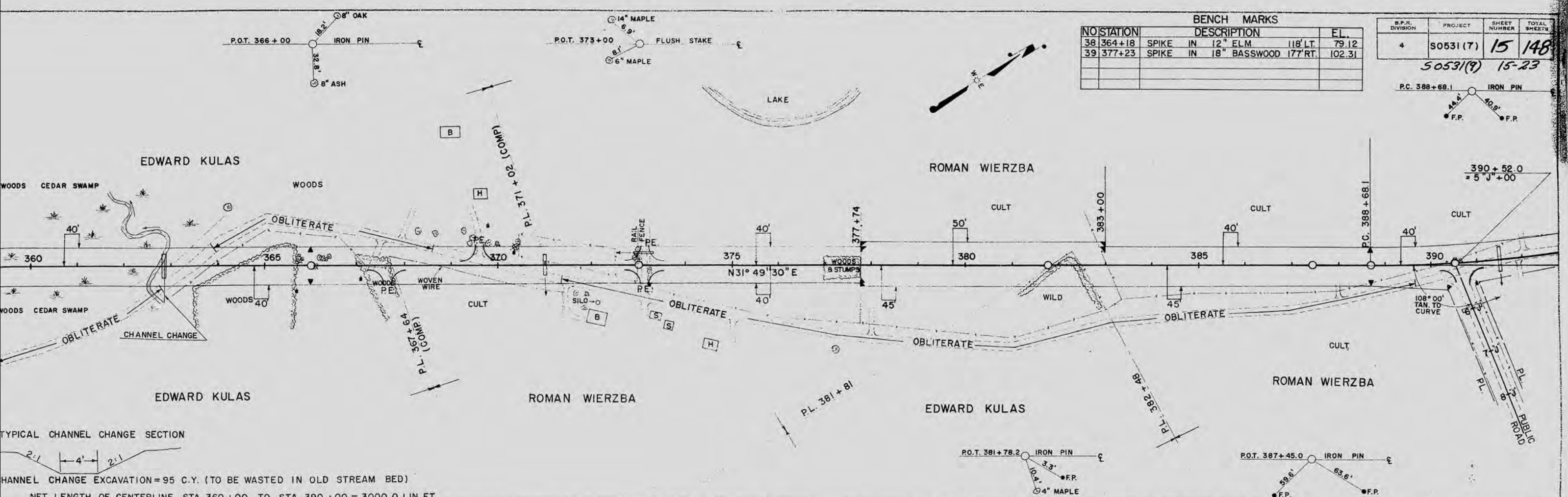
SR. RT. STA. 337 + 25.0 = 5" H" + 00  
 STA. 5" H" + 24  
 1-24" X 48" CP REQ'D  
 6'H' 7'H' 8'H' 9'H' 10'H'



NO	STATION	DESCRIPTION	EL.
38	364+18	SPIKE IN 12" ELM 118' LT	79.12
39	377+23	SPIKE IN 18" BASSWOOD 177' RT	102.31

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	15	148

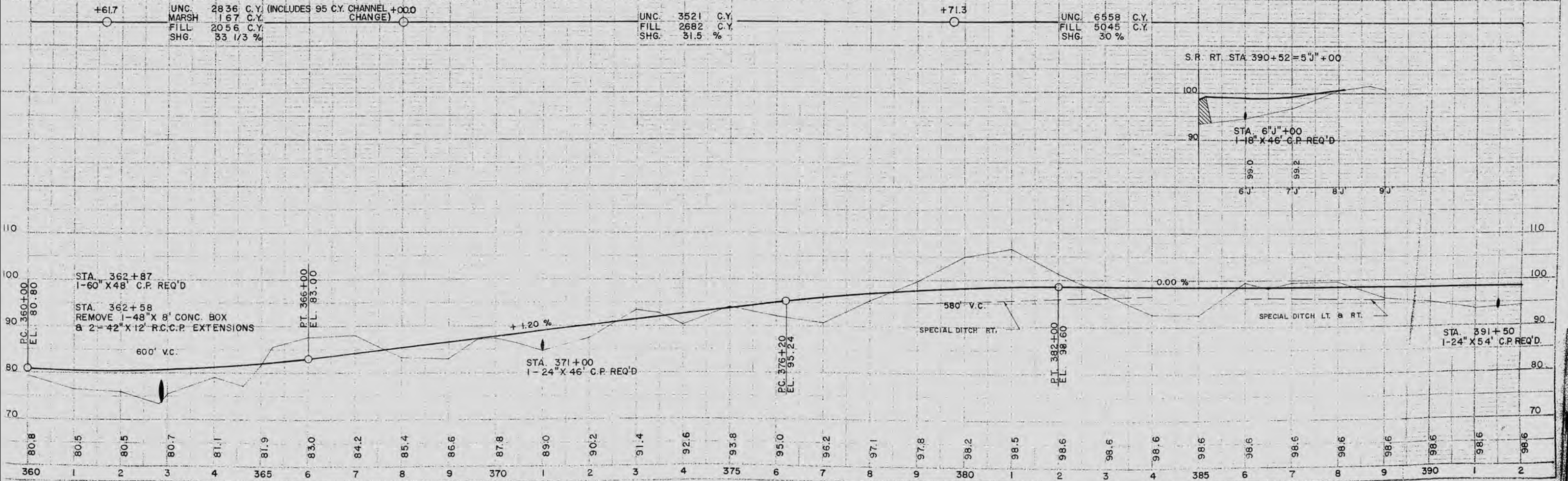
50531(9) 15-23



TYPICAL CHANNEL CHANGE SECTION

CHANNEL CHANGE EXCAVATION=95 C.Y. (TO BE WASTED IN OLD STREAM BED)

NET LENGTH OF CENTERLINE STA. 360+00 TO STA. 390+00 = 3000.0 LIN. FT.



STA. 362+87  
1-60" X 48" C.P. REQ'D

STA. 362+58  
REMOVE 1-48" X 8' CONC. BOX  
& 2-42" X 12' R.C.C.P. EXTENSIONS

STA. 371+00  
1-24" X 46" C.P. REQ'D

S.R. RT. STA. 390+52 = 5" J" + 00

STA. 6" J" + 00  
1-18" X 46" C.P. REQ'D

STA. 391+50  
1-24" X 54" C.P. REQ'D

ROMAN WIERZBA

P.I. 393 + 94.3  
 Δ 20° 49'  
 D 2° 00' LT.  
 T 526.2'  
 L 1040.8'  
 S.E. .041'/FT.

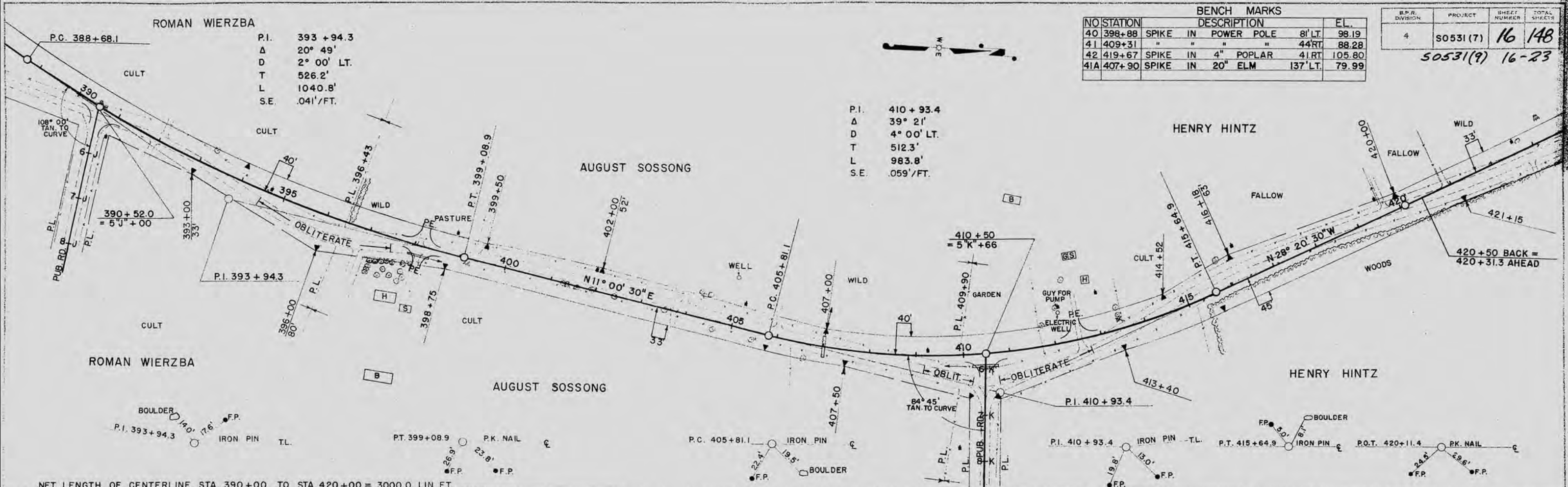
P.I. 410 + 93.4  
 Δ 39° 21'  
 D 4° 00' LT.  
 T 512.3'  
 L 983.8'  
 S.E. .059'/FT.

BENCH MARKS

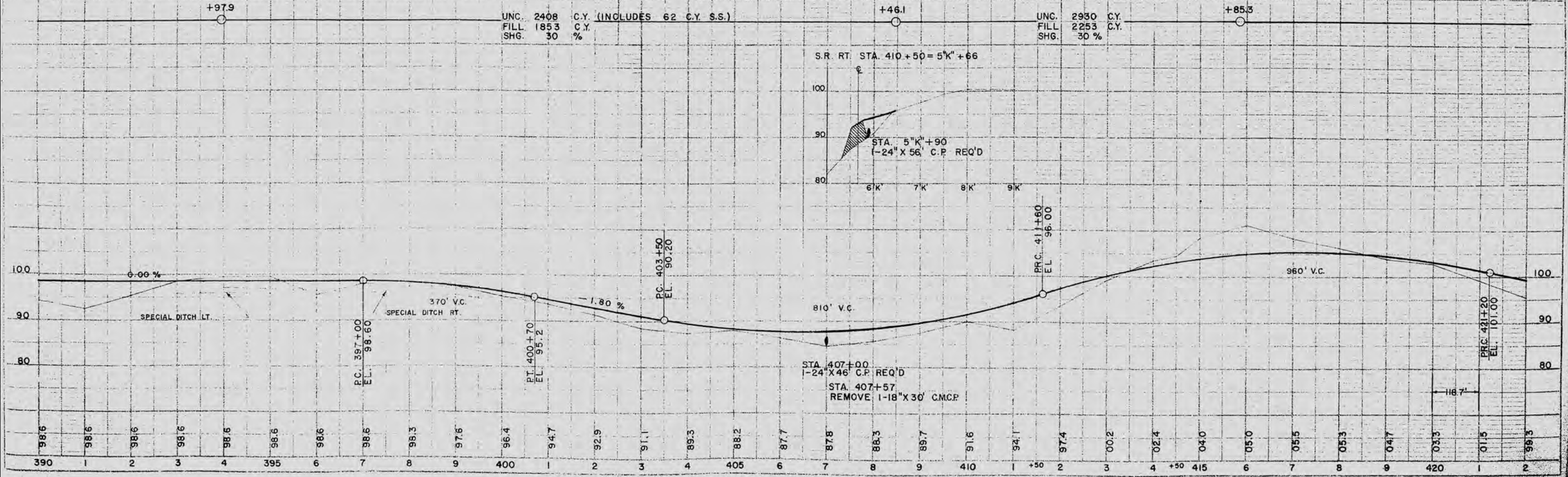
NO	STATION	DESCRIPTION	EL.
40	398+88	SPIKE IN POWER POLE 8' LT	98.19
41	409+31	" " " " 44' RT	88.28
42	419+67	SPIKE IN 4" POPLAR 41' RT	105.80
41A	407+90	SPIKE IN 20" ELM 137' LT	79.99

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(7)	16	148

50531(9) 16-23



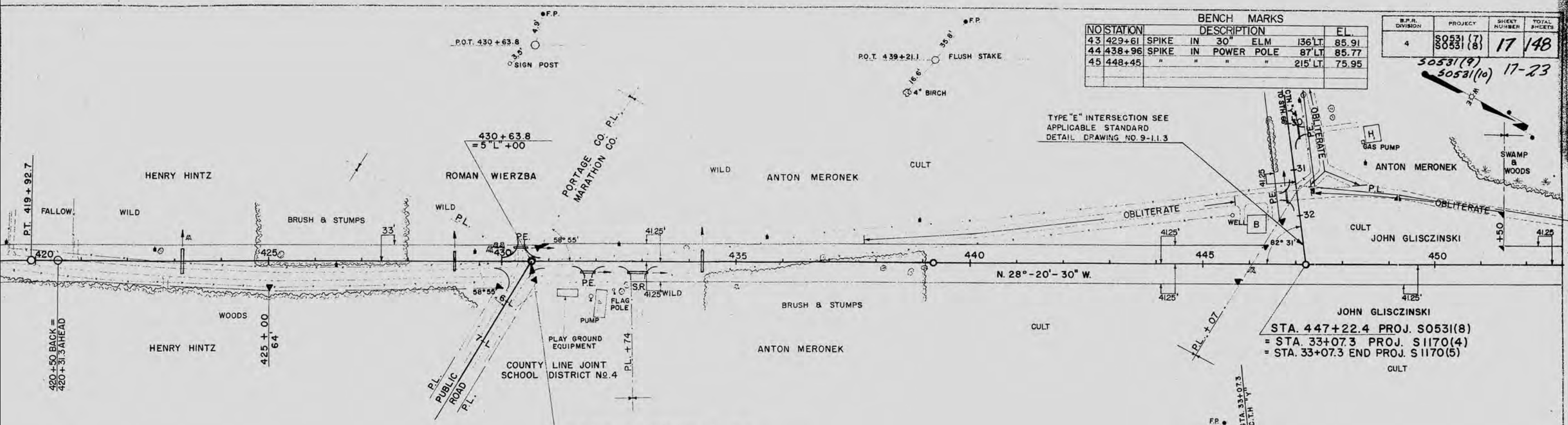
NET LENGTH OF CENTERLINE STA 390+00 TO STA 420+00 = 3000.0 LIN. FT.



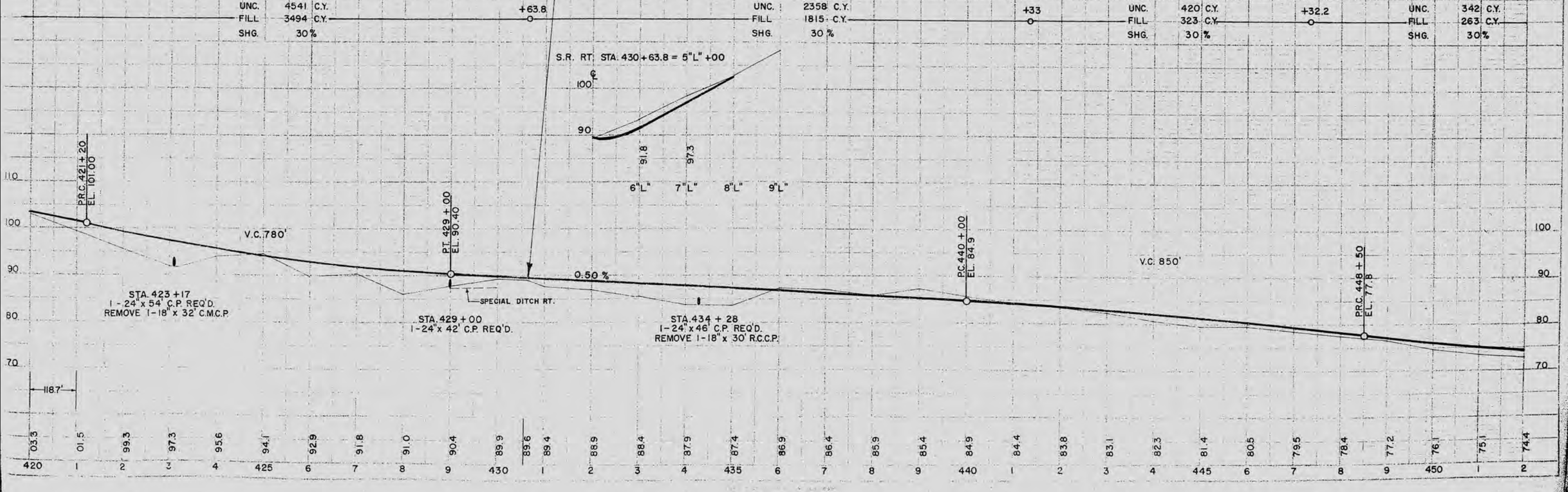
NO	STATION	DESCRIPTION	ELM	EL.
43	429+61	SPIKE IN 30"	136'LT	85.91
44	438+96	SPIKE IN POWER POLE	87'LT	85.77
45	448+45	" " " "	215'LT	75.95

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(8)	17	148

50531(9)  
50531(10) 17-23



END PROJ. S 0531(9) STA. 430+63.8=  
 END OF PROJ. S0531 (7) STA. 430+63.8 =  
 BEG. OF PROJ. S0531 (8) STA. 430+63.8=  
 BEG. PROJ. S 0531(10) STA. 430+63.8  
 NET LENGTH OF C. STA. 420 + 00 - STA. 430 + 63.8 = 1082.5 LIN. FT.  
 NET LENGTH OF CENTERLINE STATION 430+63.8 TO 451+00= 2036.2 LIN. FT.



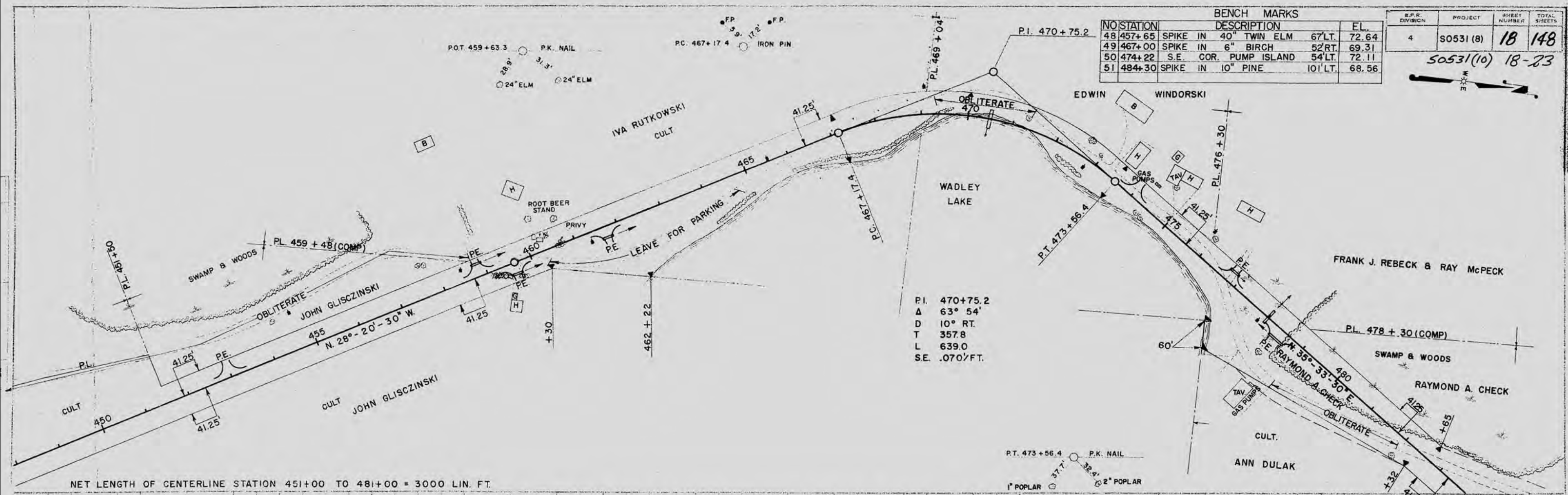
UNC. FILL SHG.	4541 C.Y. 3494 C.Y. 30%	+63.8	UNC. FILL SHG.	2358 C.Y. 1815 C.Y. 30%	+33	UNC. FILL SHG.	420 C.Y. 323 C.Y. 30%	+32.2	UNC. FILL SHG.	342 C.Y. 263 C.Y. 30%
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420	1	2	3	4	425	6	7	8	9	430	1	2	3	4	435	6	7	8	9	440	1	2	3	4	445	6	7	8	9	450	1	2	
03.3	01.5	99.3	97.3	95.6	94.1	92.9	91.8	91.0	90.4	89.9	89.6	89.4	88.9	88.4	87.9	87.4	86.9	86.4	85.9	85.4	84.9	84.4	83.8	83.1	82.3	81.4	80.5	79.5	78.4	77.2	76.1	75.1	74.4

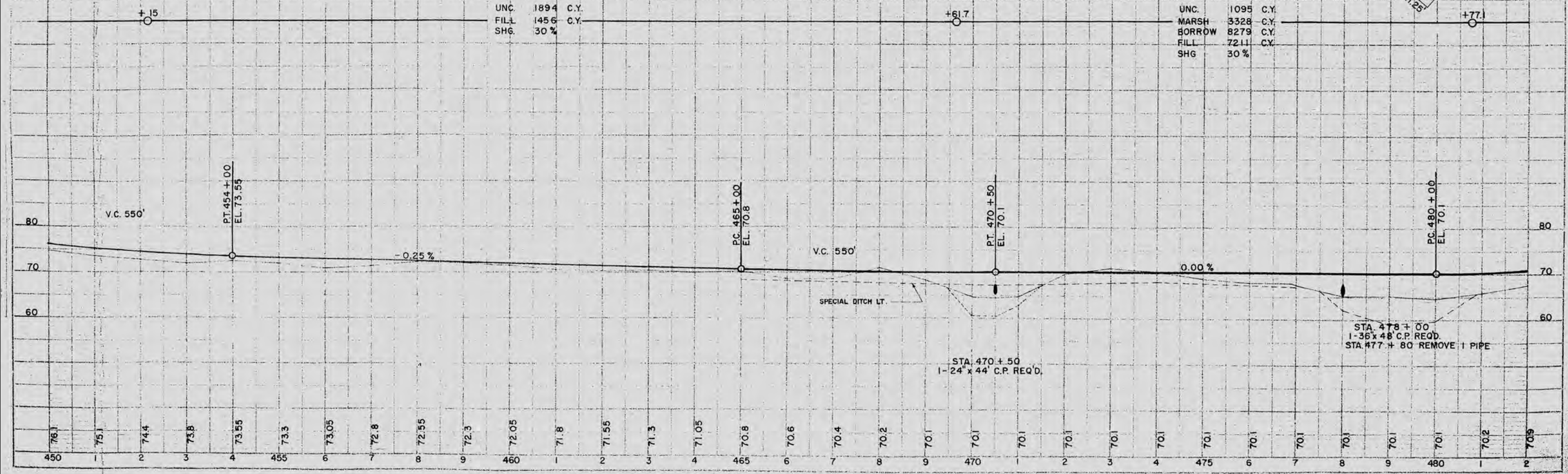
NO	STATION	DESCRIPTION	EL.
48	457+65	SPIKE IN 40" TWIN ELM	67'LT. 72.64
49	467+00	SPIKE IN 6" BIRCH	52'RT. 69.31
50	474+22	S.E. COR. PUMP ISLAND	54'LT. 72.11
51	484+30	SPIKE IN 10" PINE	101'LT. 68.56

D.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531 (8)	18	148

50531(10) 18-23



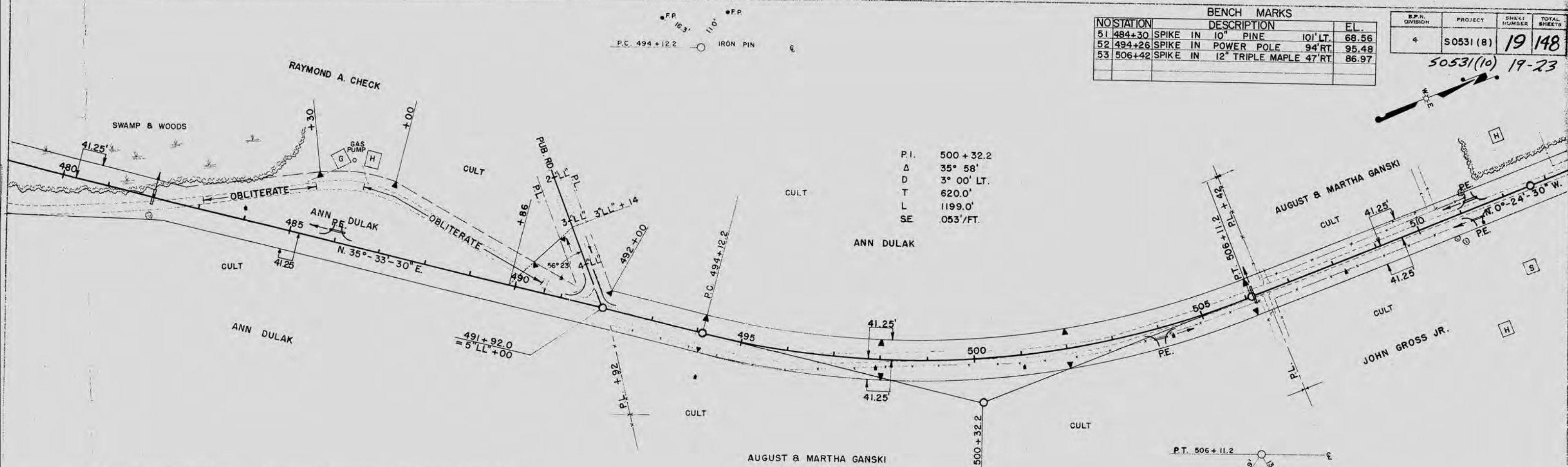
NET LENGTH OF CENTERLINE STATION 451+00 TO 481+00 = 3000 LIN. FT.



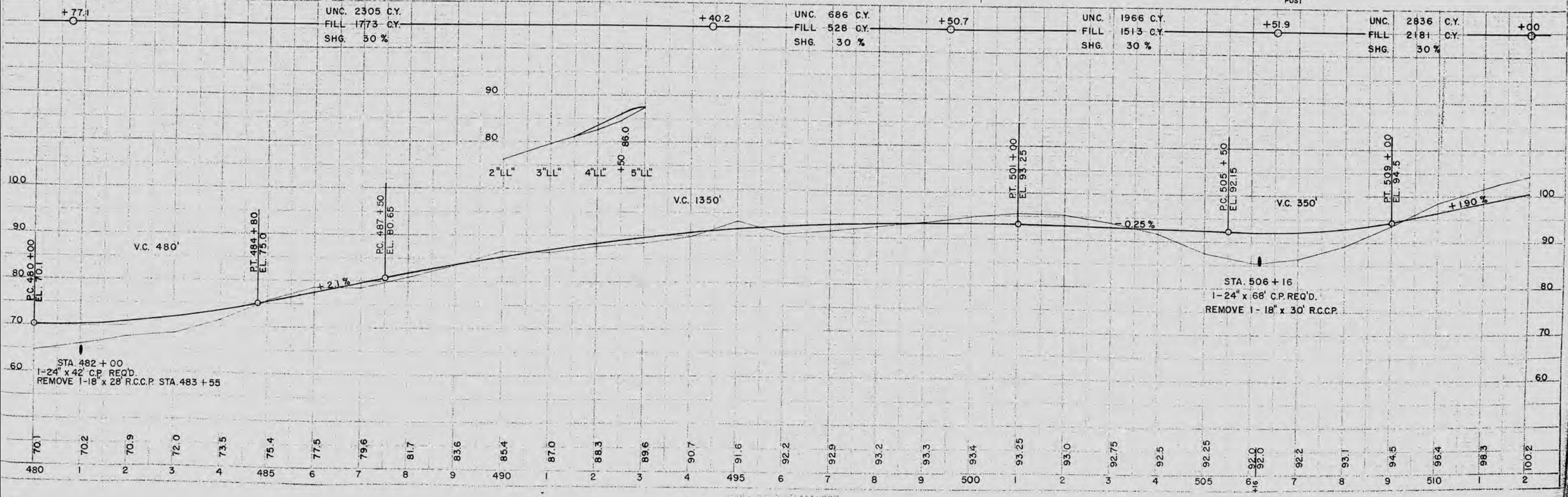
NO	STATION	DESCRIPTION	EL.
51	484+30	SPIKE IN 10" PINE 101' LT.	68.56
52	494+26	SPIKE IN POWER POLE 94' RT.	95.48
53	506+42	SPIKE IN 12" TRIPLE MAPLE 47' RT.	86.97

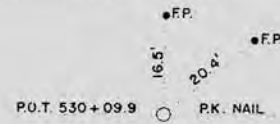
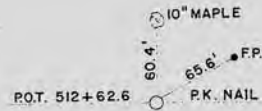
S.P.N. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531 (8)	19	148

50531(10) 19-23



NET LENGTH OF CENTERLINE STATION 481+00 TO 511+00 = 3000 LIN. FT.





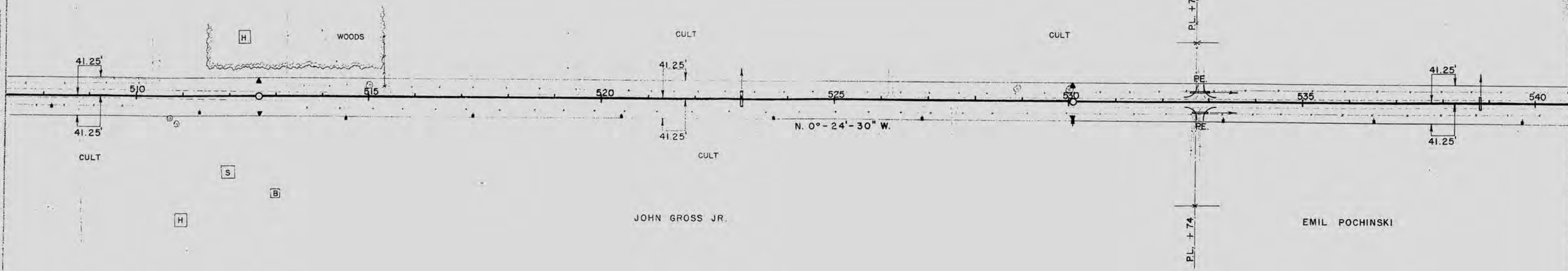
NO	STATION	DESCRIPTION	EL.
54	520+46	SPIKE IN POWER POLE	34' RT. 100.05
55	530+10	" " " "	34' RT. 100.93

R.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0531(8)	20	148

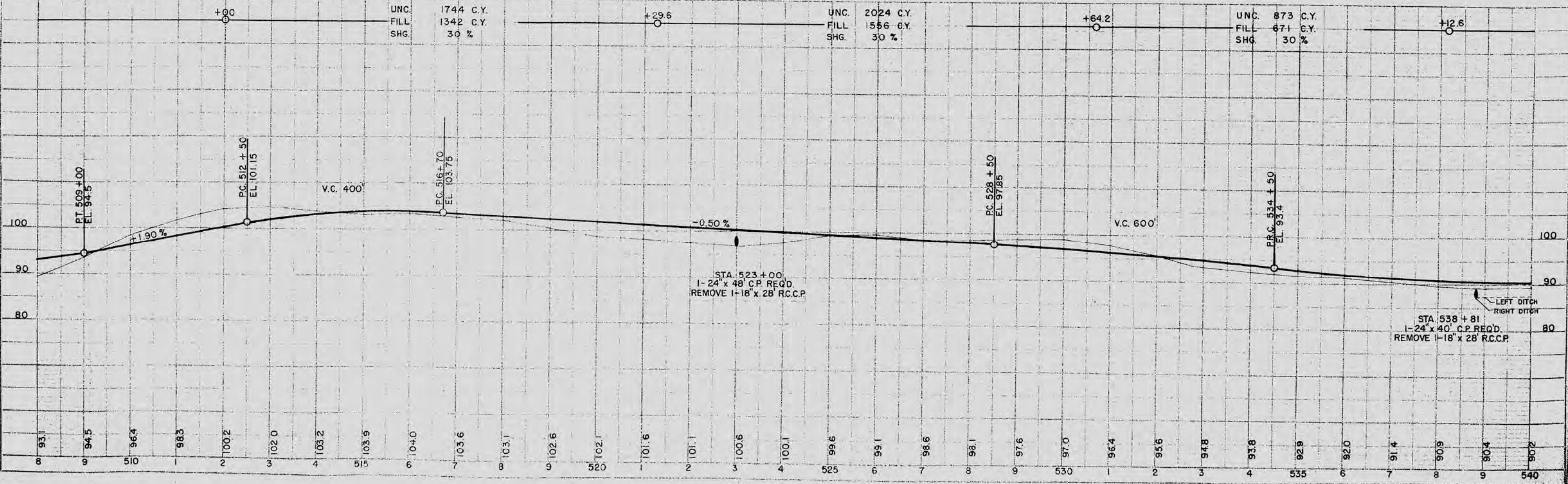
50531(10) 20-23

AUGUST & MARTHA GANSKI

EMIL POCHINSKI

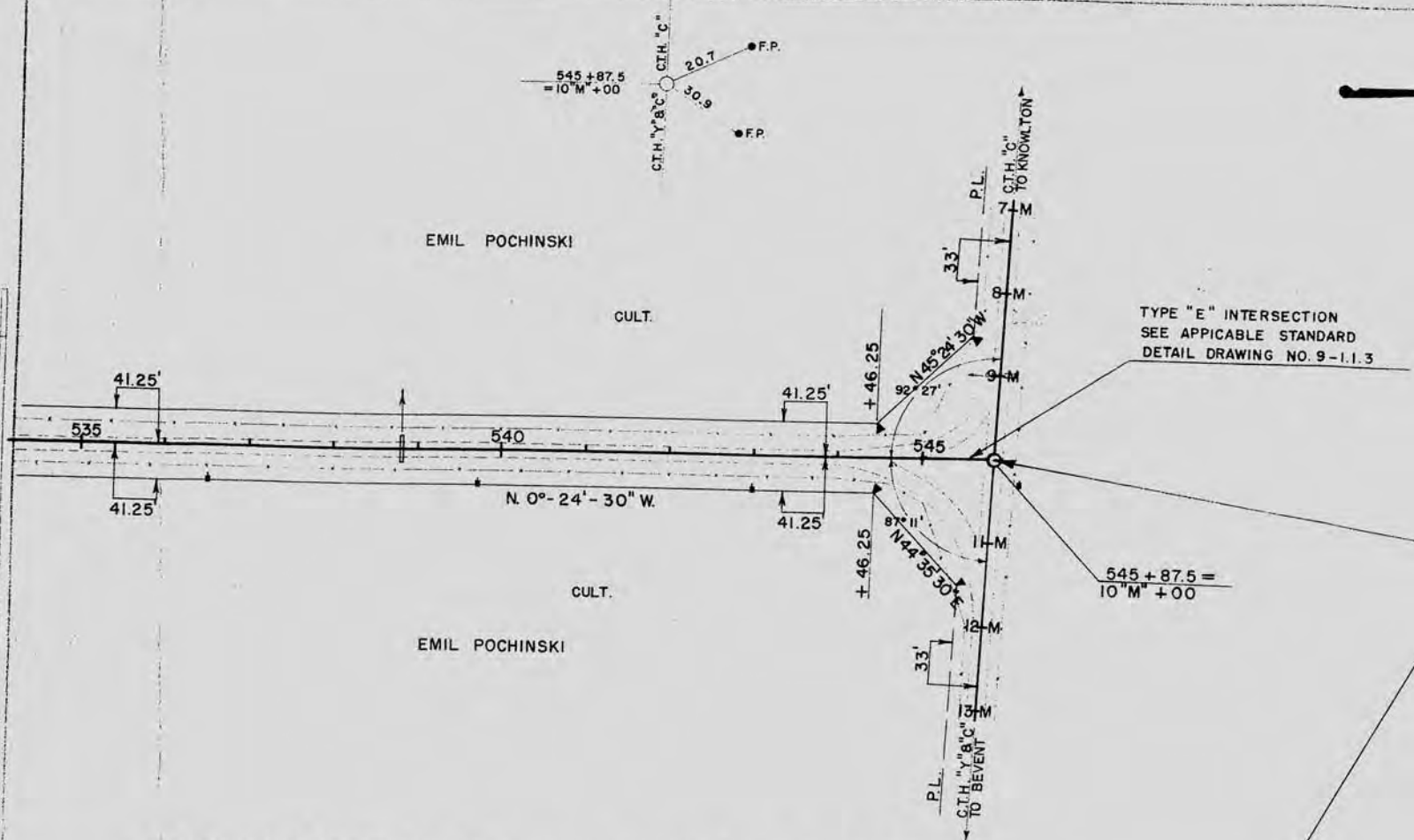


NET LENGTH OF CENTERLINE STATION 511+00 TO 539+00 = 2800 LIN. FT.



UNC. 1744 C.Y.	UNC. 2024 C.Y.	UNC. 873 C.Y.
FILL 1342 C.Y.	FILL 1556 C.Y.	FILL 671 C.Y.
SHG. 30 %	SHG. 30 %	SHG. 30 %

LEFT DITCH  
RIGHT DITCH  
STA. 538+81  
1-24" x 40" C.P. REQ'D.  
REMOVE 1-18" x 28" R.C.C.P.



BENCH MARKS			
NO	STATION	DESCRIPTION	EL.
56	545+87.5	SPIKE IN POWER POLE 30' RT.	91.53

S.P.S. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	90531 (8)	21	148

50531(10) 21-23

END PROJ. S 0531(10) STA. 545+87.5=  
 END OF PROJECT S0531(8) STA. 545+87.5

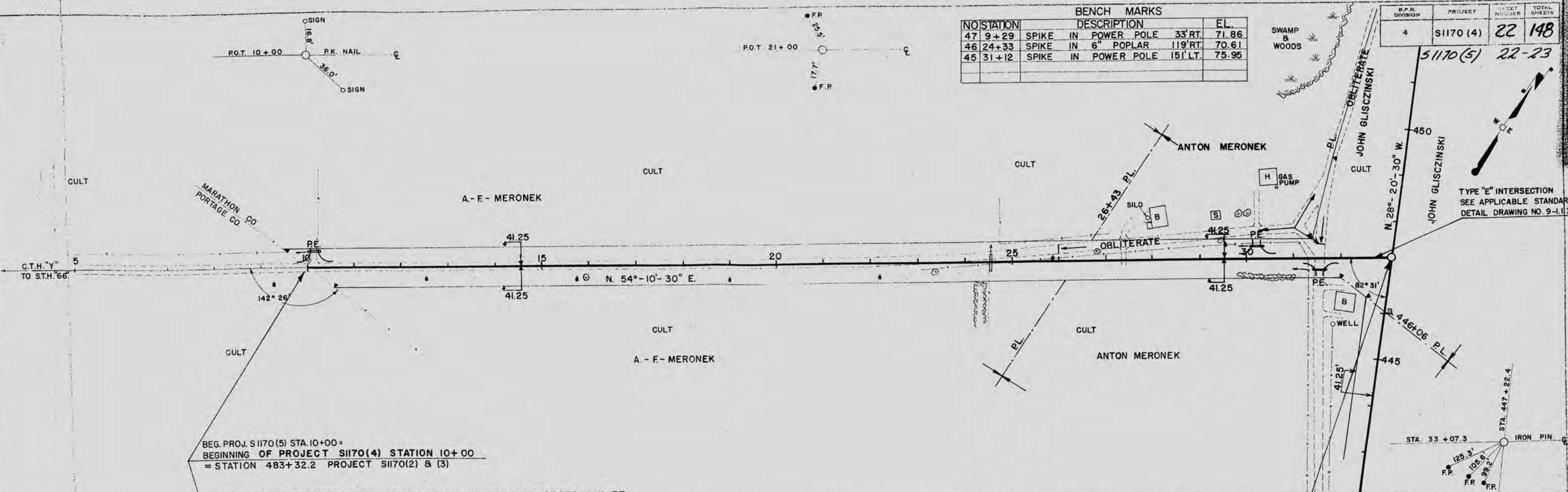
NET LENGTH OF CENTERLINE STATION 539+00 TO 545+87.5 = 687.5 LIN. FT.

UNC. 645 C.Y.  
 FILL 496 C.Y.  
 SHG. 30 %



BENCH MARKS			
NO	STATION	DESCRIPTION	EL.
47	9+29	SPIKE IN POWER POLE 33' RT.	71.86
46	24+33	SPIKE IN 6" POPLAR 119' RT.	70.61
45	31+12	SPIKE IN POWER POLE 151' LT.	75.95

E.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S1170(4)	22	148



BEG. PROJ. S1170(5) STA. 10+00 =  
 BEGINNING OF PROJECT S1170(4) STATION 10+00  
 = STATION 483+32.2 PROJECT S1170(2) & (3)

NET LENGTH OF CENTERLINE STATION 10+00 TO 33+07.3 = 2307.3 LIN. FT.

+50	UNC. 334 C.Y.	+61.3	UNC. 324 C.Y.	+18.3	UNC. 1493 C.Y.
	FILL 251 C.Y.		FILL 243 C.Y.		FILL 1121 C.Y.
	SHG. 33 1/3 %		SHG. 33 1/3 %		SHG. 33 1/3 %

END PROJ. S1170(5) STA. 33+07.3 =  
 END OF PROJECT S1170(4) STATION 33+07.3  
 = STATION 447+22.4 PROJECT S0531(8)

