FAIRFIELD COUNTY
S.H. 718 SEC. A-B (Pt.)
HWY. AUTH. No. 5-23-1
W. P. A. JOB No. 23-104

1/31

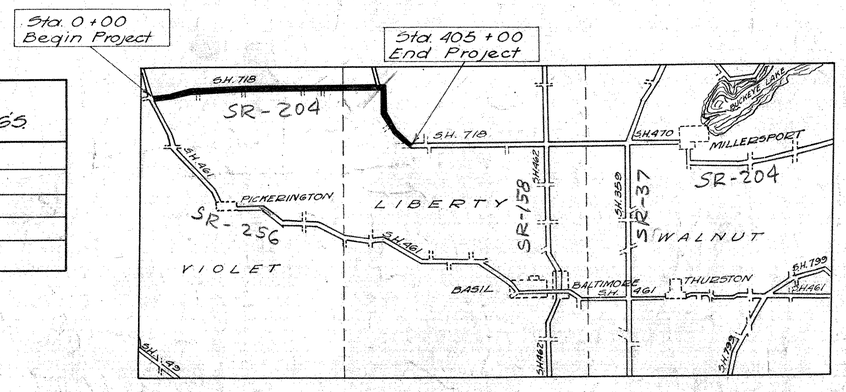
STATE OF OHIO
DEPARTMENT OF HIGHWAYS
W.P.A. STATE WIDE HIGHWAY PROJECTS
STATE WIDE OFFICIAL PROJECT O.P.
FAIRFIELD COUNTY
S.H. 718 SEC. A-B PART ROUTE 204
NET LENGTH OF PROJECT 7.670 MILES

FAI-204-0.00
(7.67 mi. ±)

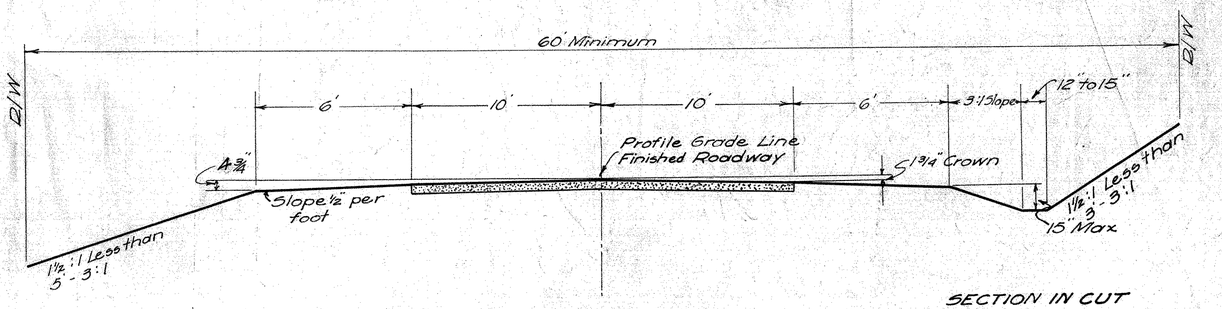
SPOT GRADE & ALIGNMENT IMPROVEMENTS

NOT BUILT ??

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DWG'S.	
DRAWING NO.	REVISIONS



TYPICAL SECTION



SECTION IN CUT

SECTION IN FILL

Proposed Surface
T-31 Bituminous Surface Treatment 1" Oil Mat.
Base - 7 1/2" loose - 6" Compacted in 2-3" Courses for widening and New Base
Type T 110 Modified for W.P.A.
Existing Base to be Scarified and Reconstructed. from Sta 305+61 to Sta 405+00
Prime Coat on Widening and New Base

SUMMARY OF QUANTITIES ROADWAY			
ITEM	DESCRIPTION	QUANTITY	UNIT
E-1	Roadway Excavation	52207	Cu. Yd
E-12	8" Corrugated Metal Pipe. Remove & Store	48	lin. ft.
"	10" Corrugated Metal Pipe. Remove & Store	23	lin. ft
"	12" Corrugated Metal Pipe. Remove & Store	50	lin. ft
"	15" Corrugated Metal Pipe Remove & Store	28	lin. ft
"	8" Casing. Remove & Store.	74	lin. ft.
"	10" Vitrified Sewer Pipe. Remove & Store	36	lin. ft.
"	12" Vitrified Sewer Pipe. Remove & Store.	73	lin. ft.
"	24" Vitrified Sewer Pipe. Remove & Store	54	lin. ft.
"	15" Cast Iron Pipe. Remove & Store	23	lin. ft.
"	22" Sperry Expansive Culvert. Remove & Store	25	lin. ft.
"	20" Stack Remove & Store	23	lin. ft.
"	24" Stack Remove & Store	82	lin. ft.
"	28" Boiler Shell. Remove & Store.	22	lin. ft.
"	36" Boiler Shell. Remove & Store	24	lin. ft.
"	40" Boiler Shell. Remove & Store	64	lin. ft.
"	48" Boiler Shell. Remove & Store	22	lin. ft.
"	48" Cast Iron Pipe. Remove & Store	29	lin. ft.
I-6	18" Corrugated Metal Pipe. Remove & Relay	26	lin. ft.
T-110	Base Course (6" Compacted)	10,877	Cu. Yd.
T-31	1 inch Surface Treatment	90,000	Sq. Yd.
	Surface for Drives & Approaches	290	Cu. Yd.
S-27	12" Pipe for Roadway Culverts	584	lin. ft.
"	24" Pipe for Roadway Culverts	470	lin. ft
"	36" Pipe for Roadway Culverts	122	lin. ft.
"	48" Pipe for Roadway Culverts	316	lin. ft
I-1	12" Pipe for Side Drives	3401	lin. ft.
I-1	18" Pipe for Side Drives	124	lin. ft.
	12" Vitrified Sewer Pipe for tree Run-a-rounds	4520	lin. ft
	Finishing Shoulders, Slopes & Ditches	40500	lin. ft.
	Fence Removal & Replacement	64250	lin. ft.
E-1	Tree Removal	260	Ea.
	All above items Marked "Remove and Store" shall be used if suitable. Materials to be purchased decreased by that amount.		

The right of way necessary for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that provision for maintenance and safety of traffic will be made as herein described:

Traffic will be maintained: Warning signs will be erected and flagman used during working hours.

Approved Edgar L. Mills P.E. 944
Date Resident Division Deputy Director

Approved W. D. Mitchell
Date 3/25/40 Chief Engineer Bureau of Maintenance

Approved H. G. Stam
Date 3/26/40 First Asst. Director - Chief Engineer

Approved
Date 3/26/40

Approved Robt. O. Bugg
Date Director of Highways

B-5

FAI-204

SECTION 20
T16N - R20W

FAIRFIELD COUNTY
S.H. 718 SEC. A & B (Pt.)
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

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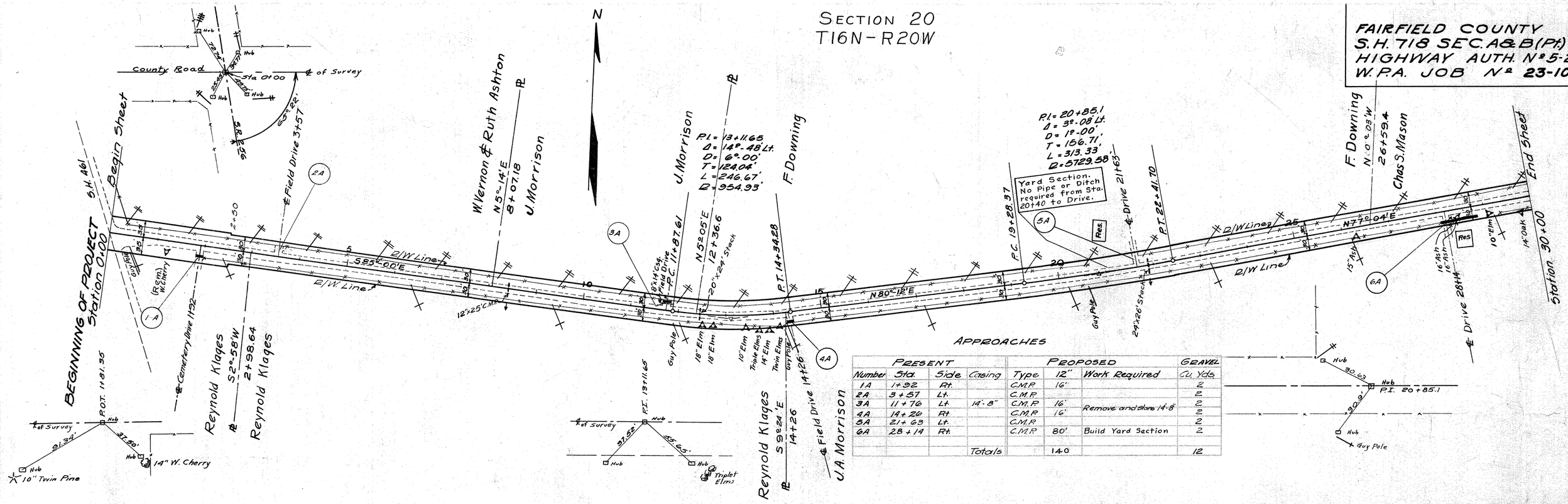
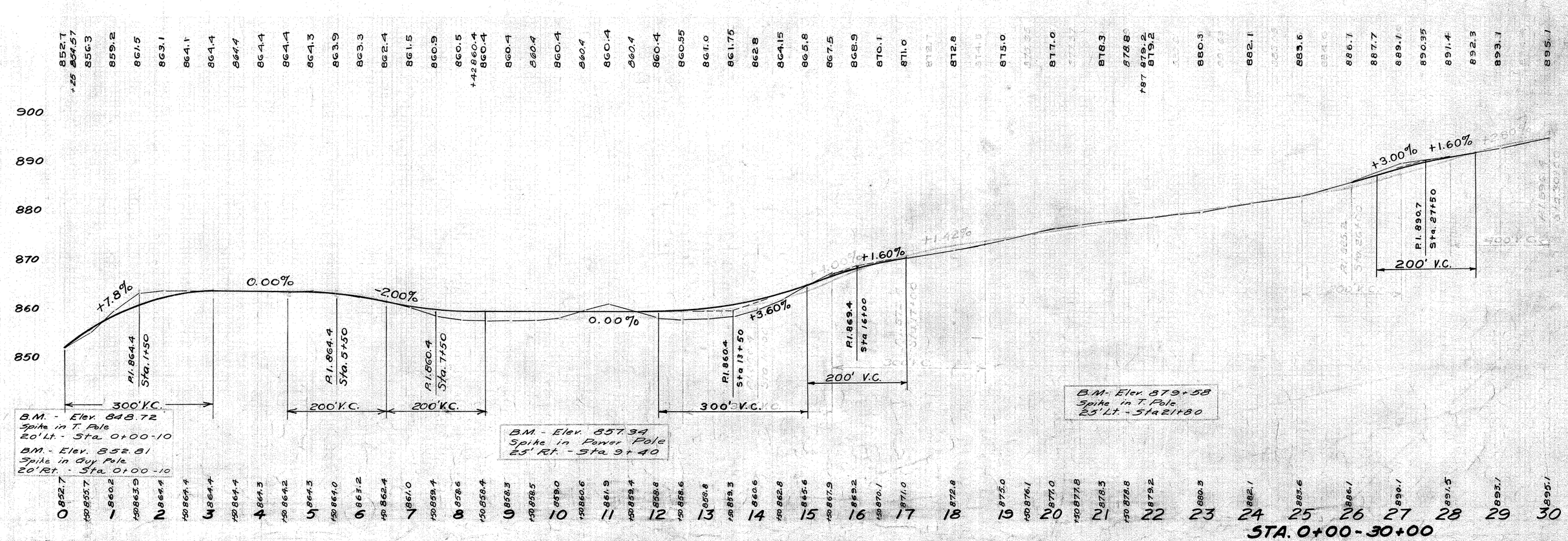


APPROACHES

PRESENT				PROPOSED			GRAVEL
Number	Sta.	Side	Casing	Type	12"	Work Required	Cu. Yds.
1A	1+92	Rt.		C.M.P.	16'		2
2A	3+57	Lt.		C.M.P.			2
3A	11+76	Lt.	14'-8"	C.M.P.	16'	Remove and store 14-8	2
4A	14+26	Rt.		C.M.P.	16'		2
5A	21+63	Lt.		C.M.P.			2
6A	28+14	Rt.		C.M.P.	80'	Build Yard Section	2
			Totals		140		12



FAIRFIELD COUNTY 3
S.H. 718 SEC. A & B (PT) 31
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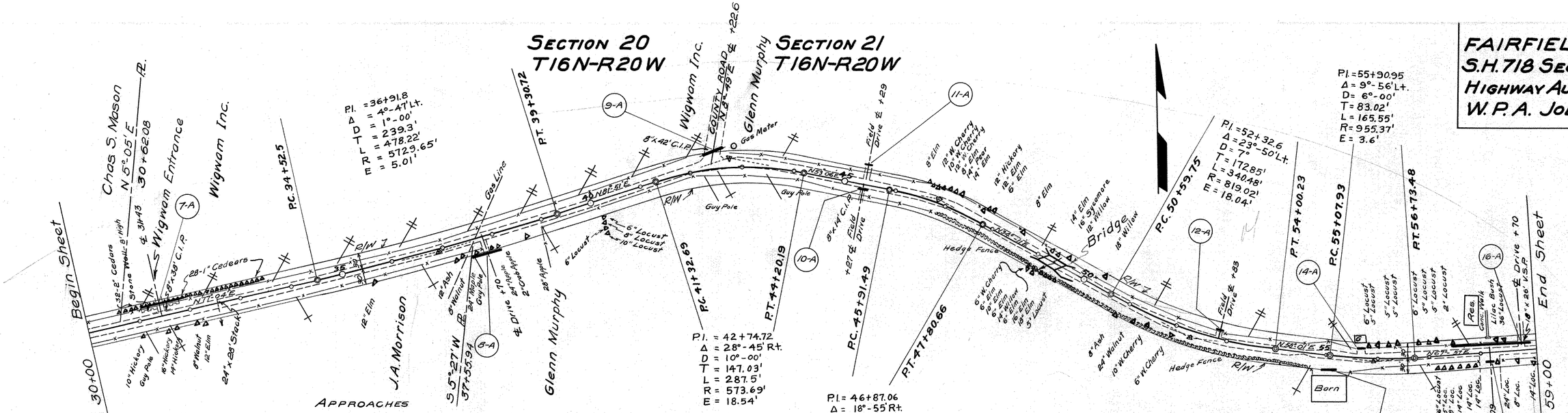
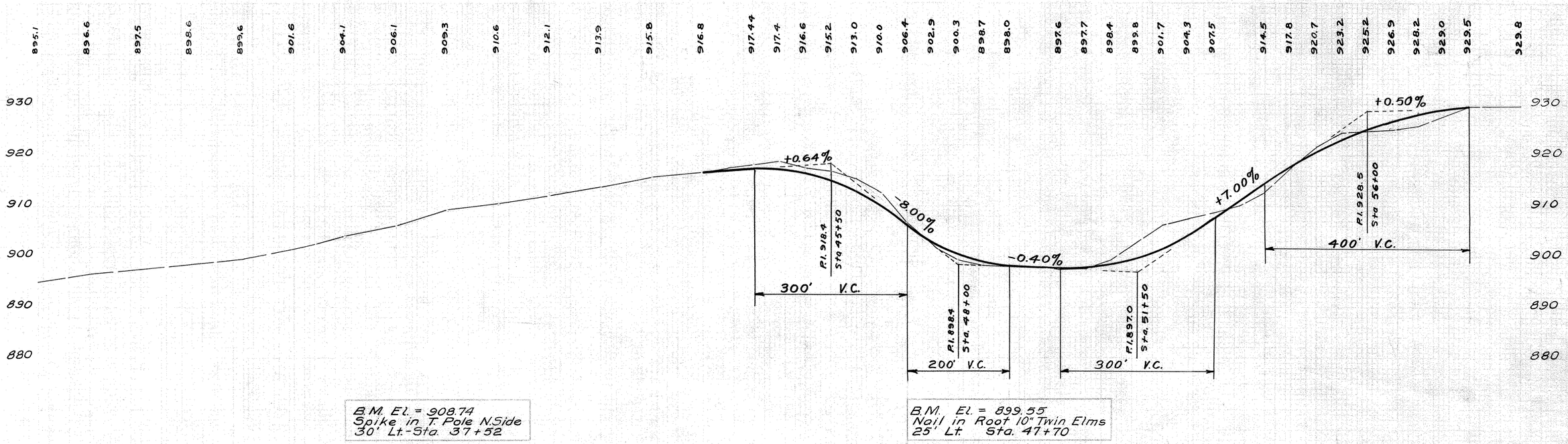
W.P.A. JOB № 23-104



APPROACHES

PRENENT					PROPOSED			GRAVEL
№	Sta.	Side	C.I.P.	V.S.P.	Type	12"	Work Required	Cu. Yds.
7A		Lt.	38'-8"		C.M.P.	80'	Remove + Store 38'-8"	2
8A		Rt.			C.M.P.	60'		2
9A		Lt.	42'-8"		C.M.P.	40'	Remove + Store 42'-8"	6
10A		Rt.	14'-8"		C.M.P.	16'	Remove + Store 14'-8"	2
11A		Lt.			C.M.P.	16'		2
12A		Lt.			C.M.P.	16'		2
13A		Rt.			C.M.P.	32'		3
14A		Lt.			C.M.P.	16'		2
15A		Rt.			C.M.P.	16'		2
16A		Lt.		26'-18"	V.S.P.		(Remove + Relay 26'-18") (Add 124' New V.S.P.)	2
			Totals			292'		25



B.M. El. = 908.74
Spike in T. Pole N. Side
30' Lt.-Sta. 37+52

B.M. El. = 899.55
Nail in Root 10" Twin Elms
25' Lt. Sta. 47+70

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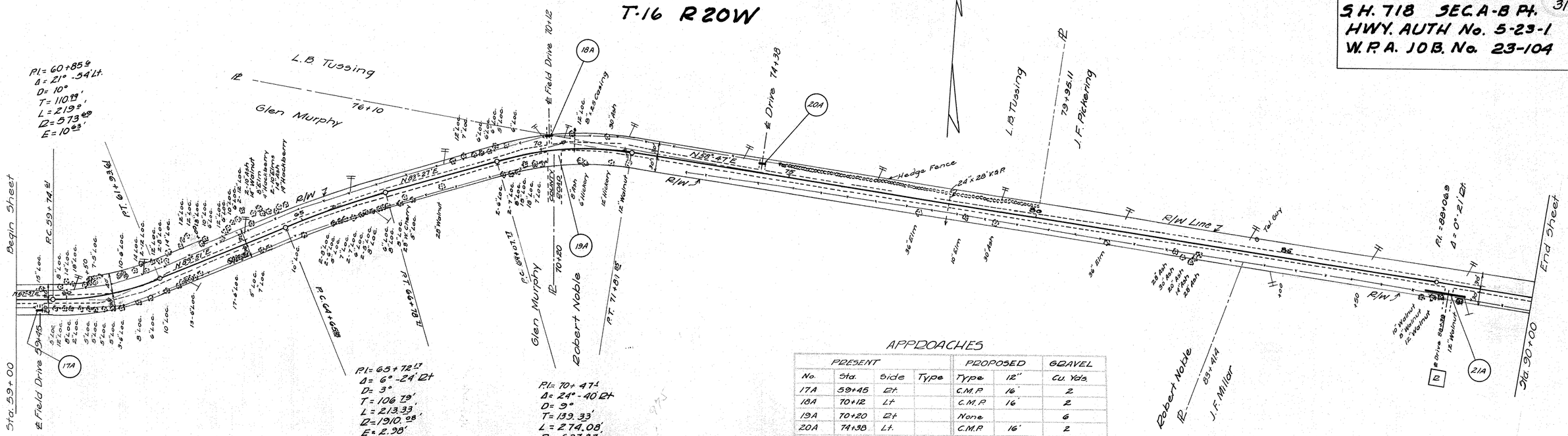
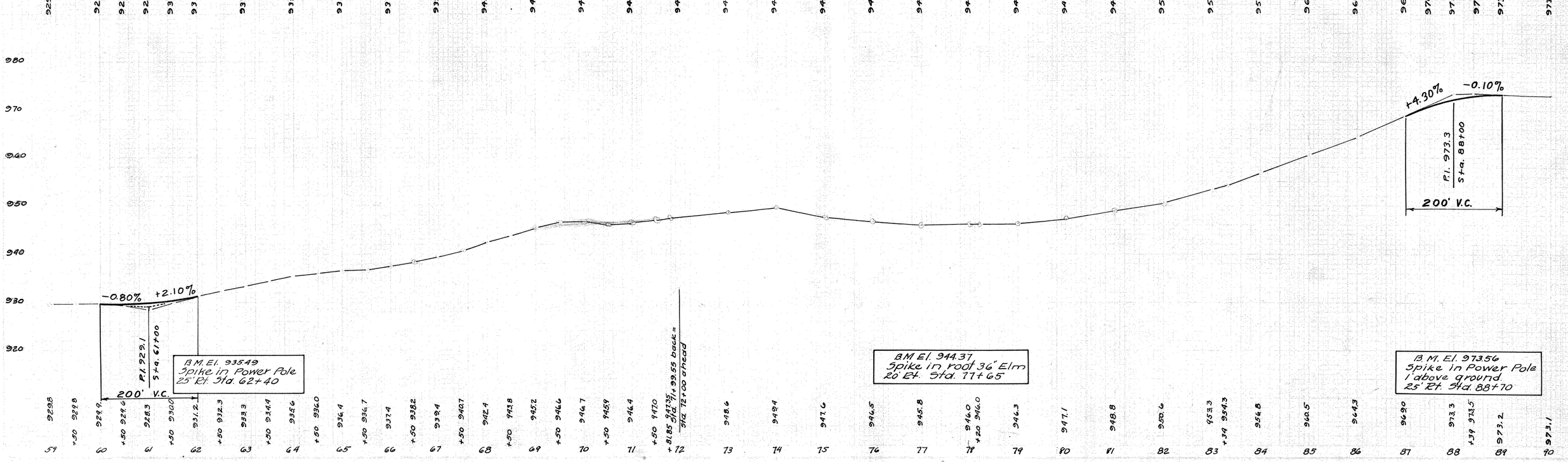
SEC. 21
T-16 R20W



APPROACHES

PRESENT				PROPOSED		GRAVEL
No.	Sta.	Side	Type	Type	12"	Cu. Yds.
17A	59+45	Rt.		C.M.P.	16'	2
18A	70+12	Lt.		C.M.P.	16'	2
19A	70+20	Rt.		None		6
20A	74+38	Lt.		C.M.P.	16'	2
21A	88+38	Rt.		C.M.P.	80'	2
				Totals	128'	14



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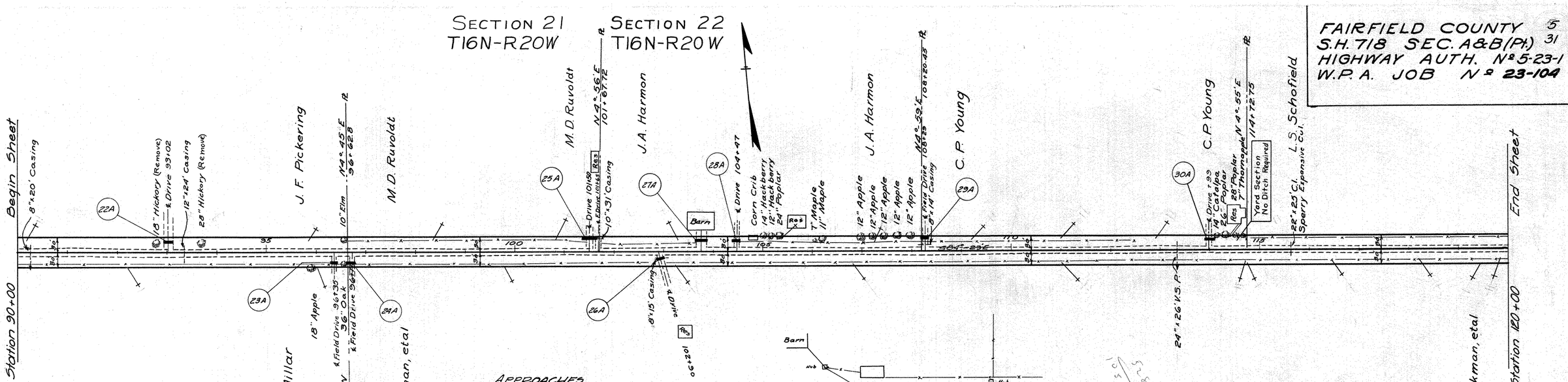
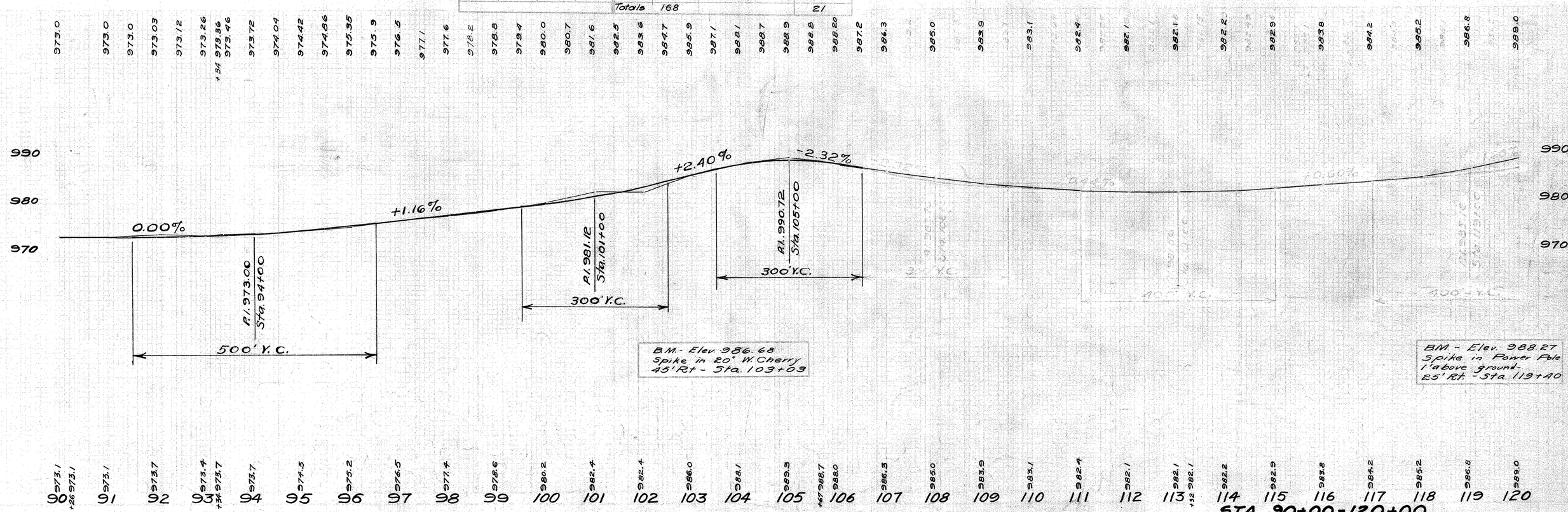


APPROACHES

PRESENT				PROPOSED			GRAVEL
Nº	Sta.	Side	Casing	Type	12"	Work Required	Cu. yds
22A	93+02	Lt		C.M.P.	16'		2
23A	96+35	Rt		C.M.P.	16'		2
24A	96+71	Rt		C.M.P.	16'		2
25A	101+50	Lt.	10"x31'	C.M.P.	32'	Remove & store 10"x31	4
26A	102+90	Rt.	8"x15'	C.M.P.	16'	Remove & store pres. 8"x15' Casing	2
27A	103+80	Lt.		C.M.P.	24'		3
28A	104+47	Lt.		C.M.P.	16'		2
29A	108+29	Lt.	8"x14'	C.M.P.	16'	Remove + store pres. 8"x14' Casing	2
30A	113+33	Lt		C.M.P.	16		2
				Totals	168		21



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S.H. 7/8 SEC. A&B(P.I.) 31
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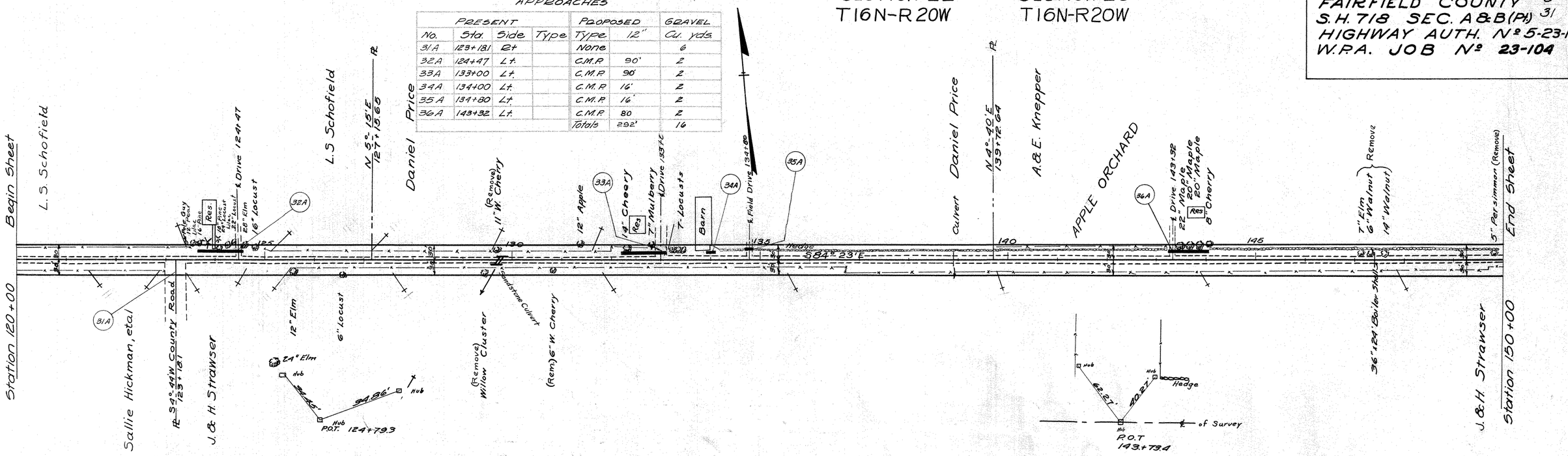
W.P.A. JOB Nº 23-104

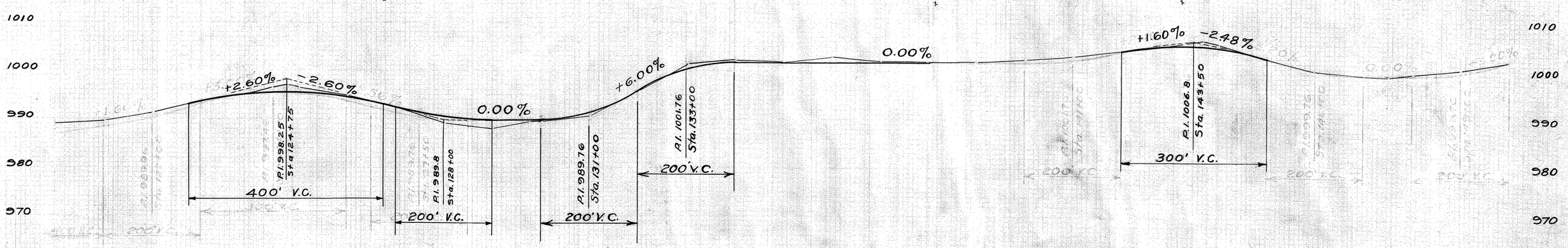
SECTION 22
T16N-R20W

SECTION 23
T16N-R20W

APPROACHES

PRESENT				PROPOSED		GRAVEL
No.	Sta.	Side	Type	Type	12"	Cu. yds.
31A	123+18.1	Rt		None		6
32A	124+47	Lt.		C.M.P.	90'	2
33A	133+00	Lt.		C.M.P.	90'	2
34A	134+00	Lt.		C.M.P.	16'	2
35A	134+80	Lt.		C.M.P.	16'	2
36A	143+32	Lt.		C.M.P.	80	2
				Totals	292'	16





B.M. - Elev. 1004.49
Spike in Root 12" Hedge Tree
20' Lt. - Sta. 136+25

STA. 120+00 - 150+00

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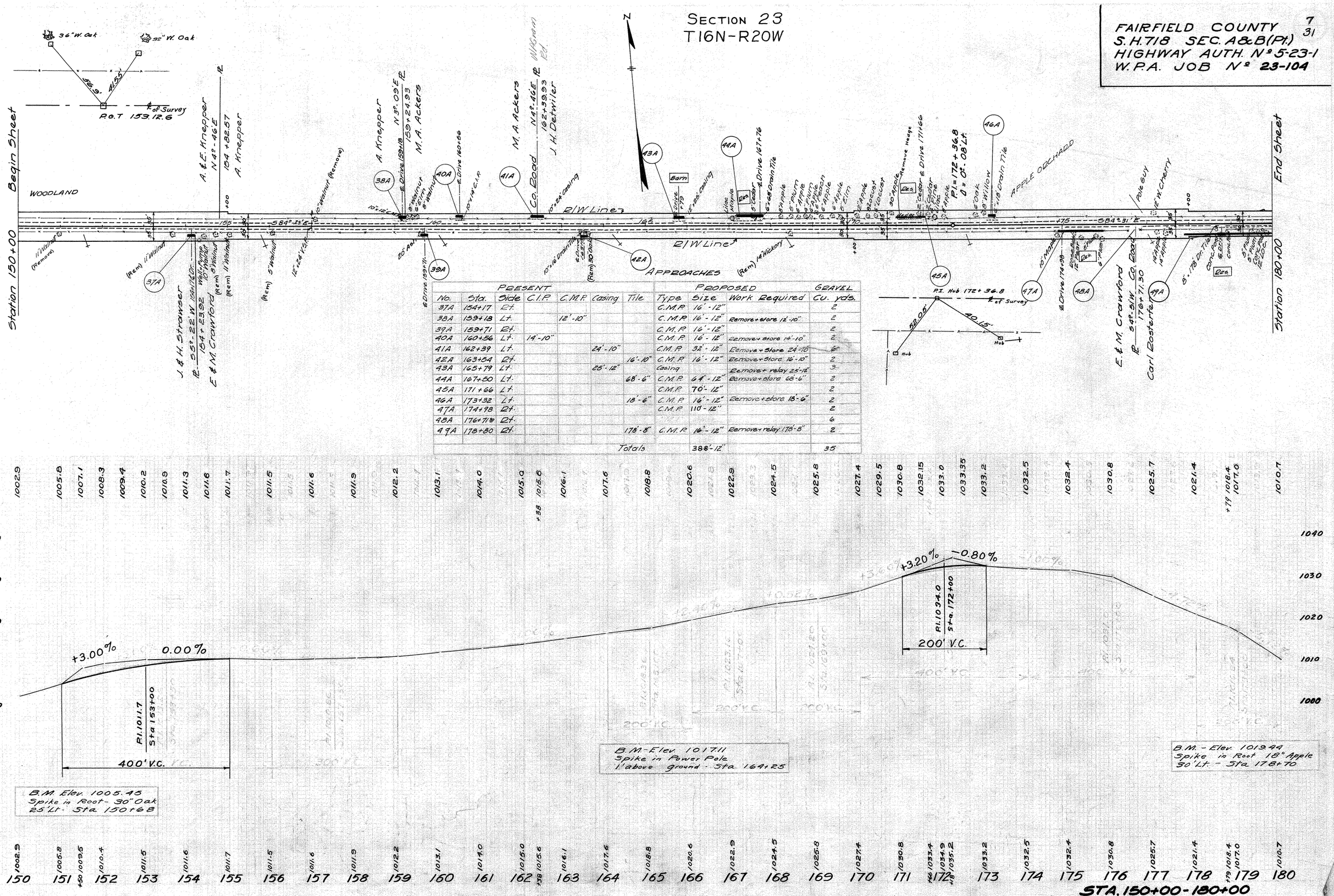
SECTION 23
T16N-R20W



PRESENT							PROPOSED			GRAVEL
No.	Sta.	Side	C.I.P.	C.M.P.	Casing	Tile	Type	Size	Work Required	Cu. yds.
37A	154+17	Rt.					C.M.P.	16'-12"		2
38A	159+18	Lt.		12'-10"			C.M.P.	16'-12"	Remove + store 12'-10"	2
39A	159+71	Rt.					C.M.P.	16'-12"		2
40A	160+56	Lt.	14'-10"				C.M.P.	16'-12"	Remove + store 14'-10"	2
41A	162+39	Lt.			24'-10"		C.M.P.	32'-12"	Remove + store 24'-10"	6
42A	163+54	Rt.				16'-10"	C.M.P.	16'-12"	Remove + store 16'-10"	2
43A	165+79	Lt.			25'-12"		Casing		Remove + relay 25'-12"	3
44A	167+50	Lt.				68'-6"	C.M.P.	64'-12"	Remove + store 68'-6"	2
45A	171+66	Lt.					C.M.P.	70'-12"		2
46A	173+32	Lt.				18'-6"	C.M.P.	16'-12"	Remove + store 18'-6"	2
47A	174+98	Rt.					C.M.P.	110'-12"		2
48A	176+71.8	Rt.								6
49A	178+80	Rt.				178'-8"	C.M.P.	16'-12"	Remove + relay 178'-8"	2
						Totals		388'-12"		35

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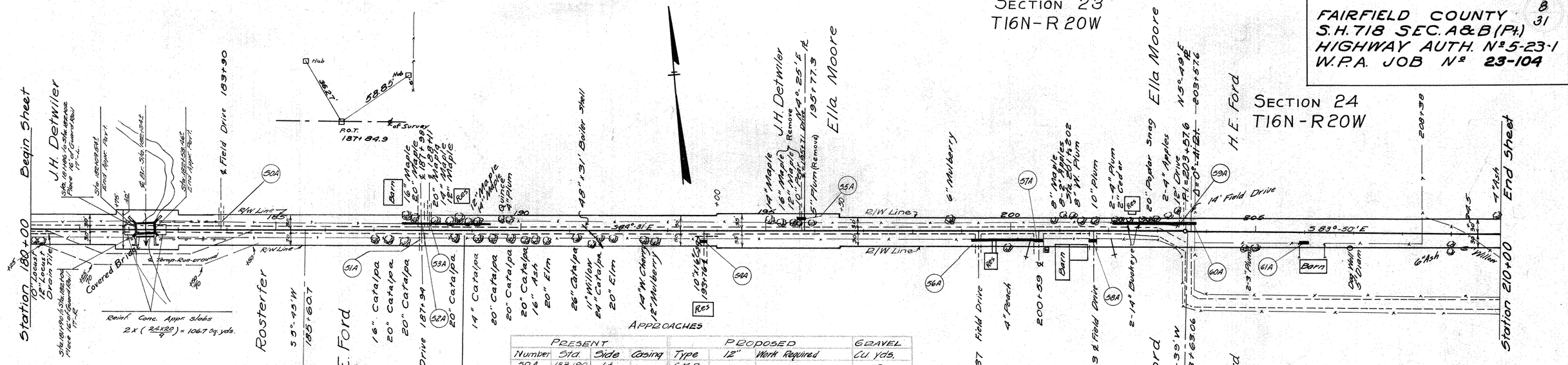
SECTION 23
T16N-R20W

SECTION 24
T16N-R20W



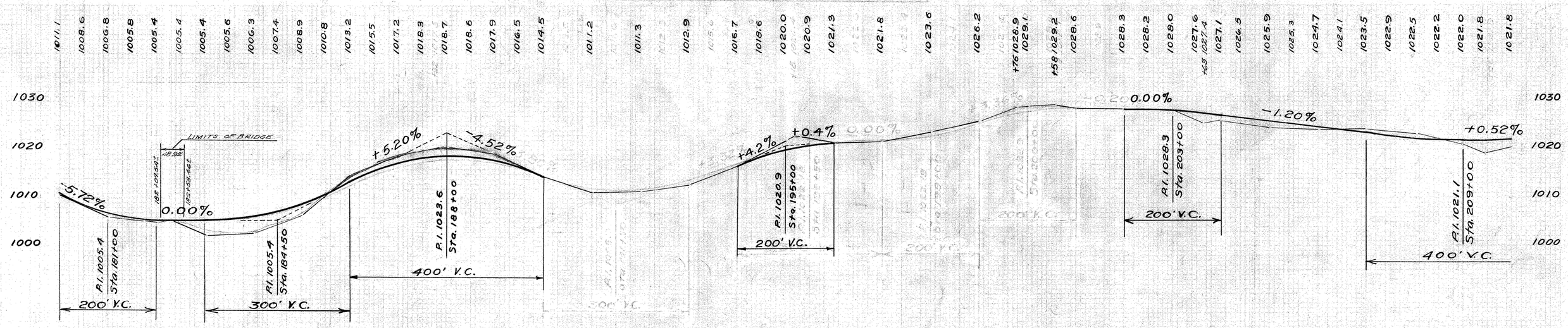
BR. NO. FA-204-34

PROPOSED STRUCTURE
Type – Steel beam bridge with conc. deck and conc. abutment extensions
Span – 45' c/c brgs
Rdwy – 24'
Skew – None
Loading – S-12-9.6
Wear. Surf. – 1½" Monolithic conc.
Appr. Slabs – 24' wide x 20' long
Std. Drwg. – SSB-12-39 & ACB-35

PRESENT STRUCTURE
Type – Covered wood truss, 3' S stone abuts faced with 12" of concrete
Span – 40.5 Clear
Rdwy – 14'
Skew – 3° Rear – 5° Fwd.

Make Yard Section Sta. 189+00 to 194+00 Right. Do not destroy Trees.

PRESENT				PROPOSED			GRAVEL
Number	Sta.	Side	Casing	Type	12"	Work Required	Cu. Yds.
50A	183+90	Lt.		C.M.P.			2
51A	187+94	Rt.		C.M.P.			2
52A	187+98	Lt.		Dr. Tile		180'-12" Drain Tile to Save Trees.	2
53A	188+11	Lt.		Dr. Tile			2
54A	193+76	Rt.	16'-10"	C.M.P.	16'	Remove+store 16'-16'	2
55A	195+71	Lt.		C.M.P.	16'		2
56A	199+37	Rt.		C.M.P.	125'		2
57A	200+59	Rt.		C.M.P.	16'		2
58A	201+63	Rt.		C.M.P.	16'		2
59A	203+45	Lt.		C.M.P.	150'		2
60A	203+65	Lt.		C.M.P.	16'		2
61A	206+00	Rt.		C.M.P.	16'		2
				Totals	371'		24



B.M. - Elev. 1020.76
Spike in Root of 20" Maple
18' Lt. - Sta 188+99

B.M. - Elev. 1028.22
Spike in N. Root 18" Poplar Snag
Sta. 202+75

STA. 180+00-210+00

BR. NO. FA. 204-43

PROPOSED STRUCTURE
Type - Continuous steel beams with concrete deck and piers; abuts conc. capped pile bents
Spans - 28'-35'-28' c/c brs.
Roadway - 24'
Loading - S-12-96
Skew - None
Wear. Surf. - 1/4" monolithic concrete
Appr. Slabs - 25' long by 20' wide
Std. Drwg. - CSB-12-39

PRESENT STRUCTURE
Low steel truss
31'-0" Clear span

SECTION 24
T16N-R20W

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HIGHWAY AUTH. No. 5-23-1
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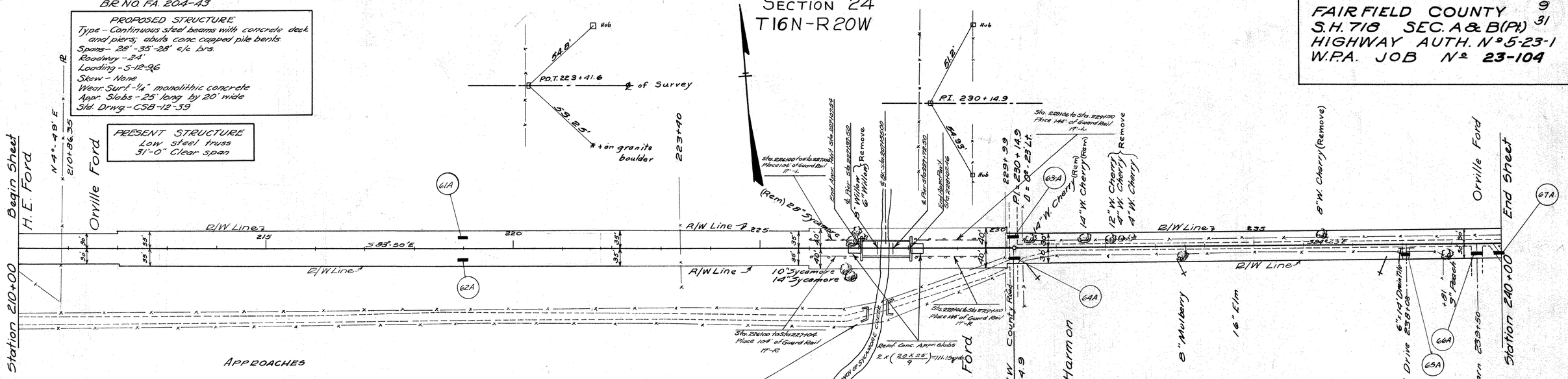
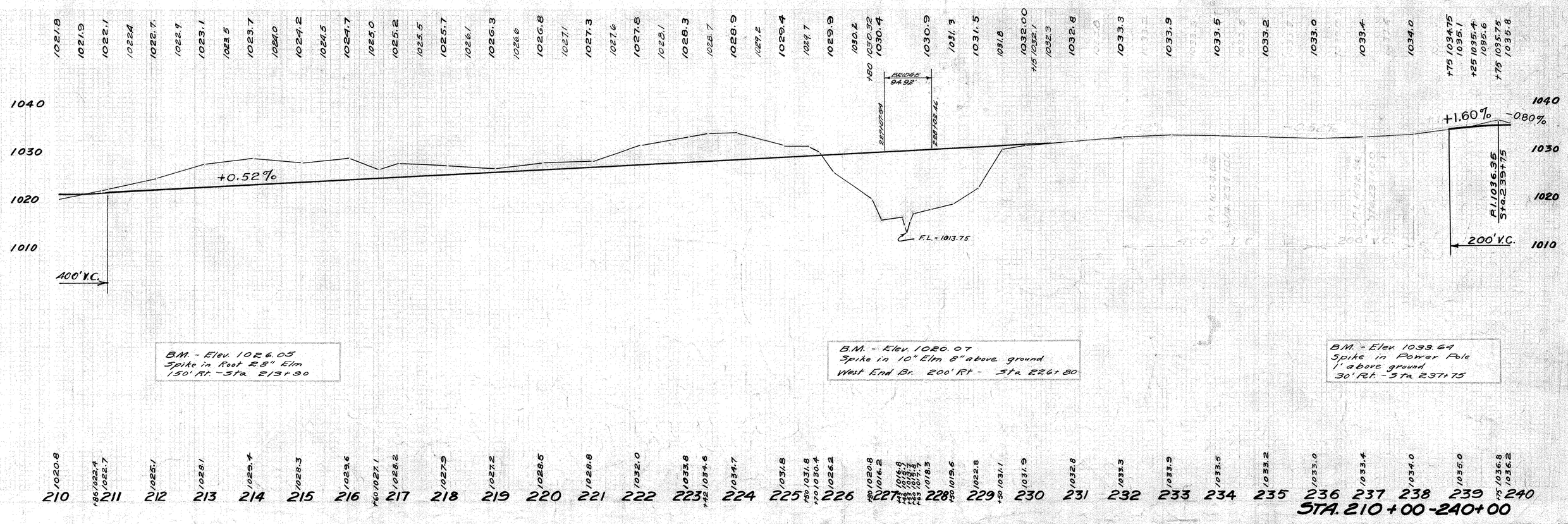


APPROACHES

PRESENT				PROPOSED			GRAVEL
No.	Std.	Side	Title	Type	12"	Work Required	Cu. Yds.
61A	219+00	Lt.		C.M.P.	16'		2
62A	219+00	Rt.		C.M.P.	16'		2
63A	230+15	Lt.		C.M.P.	32'		5
64A	230+15	Rt.		C.M.P.	32'		5
65A	238+08	Rt.	14'-6"	C.M.P.	16'		2
66A	239+50	Rt.		C.M.P.	16'		2
67A	239+80	Rt.		C.M.P.	16'	Remove + store 14' of 6" tile	2
			Totals		144'		20



FAIRFIELD COUNTY 10/31
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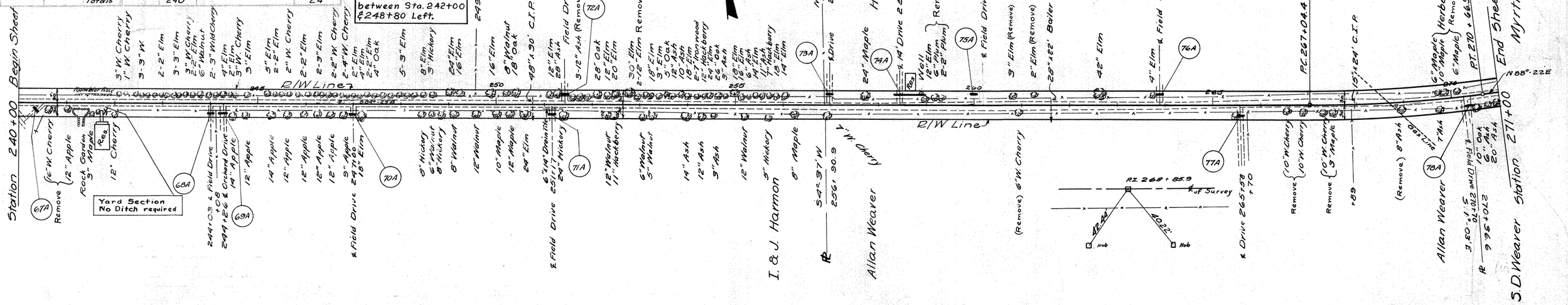
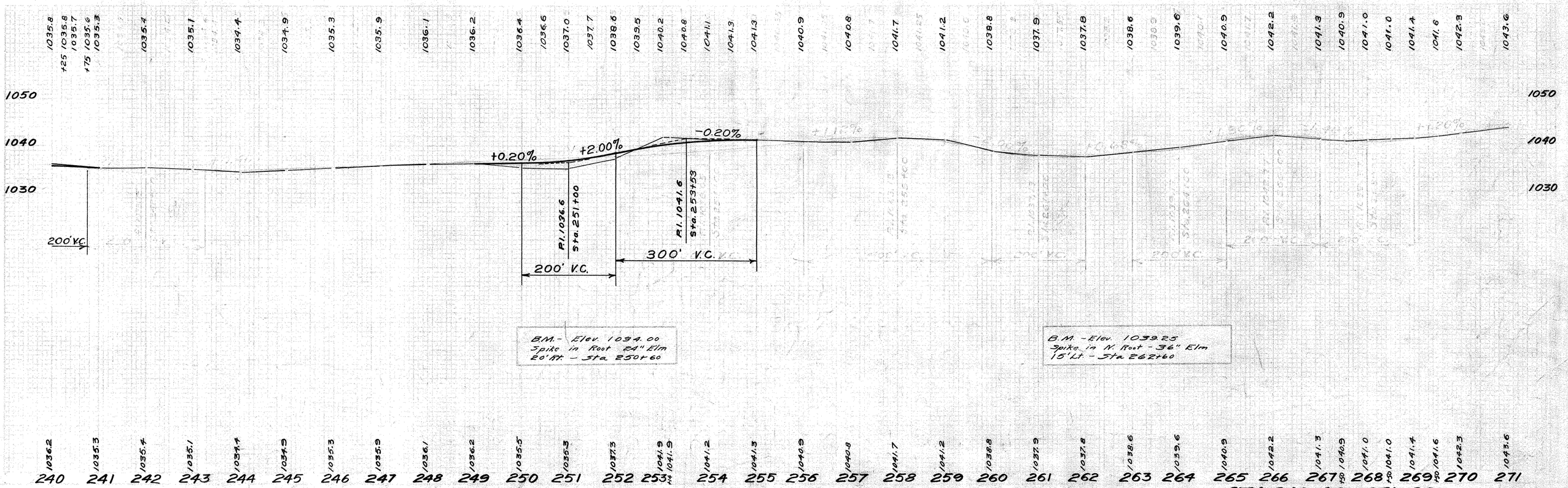
APPROACHES

PRESENT				PROPOSED			GRAVEL
Nº	Sta.	Side	Tile	Type	12"	Work Required	Cu. Yds.
67A	240+50	Rt		C.M.P.	16'		2
68A	244+03	Rt		C.M.P.	16'		2
69A	244+26	Rt.		C.M.P.	16'		2
70A	247+10	Rt.		C.M.P.	16'		2
71A	251+17	Rt.	14'-6"	C.M.P.	16'	Remove + store 14'-6"	2
72A	251+42	Lt		C.M.P.	16'		2
73A	256+895	Lt.		C.M.P.	16		2
74A	258+43	Lt		C.M.P.	64'		2
75A	260+00	Lt		C.M.P.	16		2
76A	263+87	Lt		C.M.P.	16'		2
77A	265+58	Rt.		C.M.P.	16'		2
78A	270+70	Rt.		C.M.P.	16'		2
			Totals		240'		24





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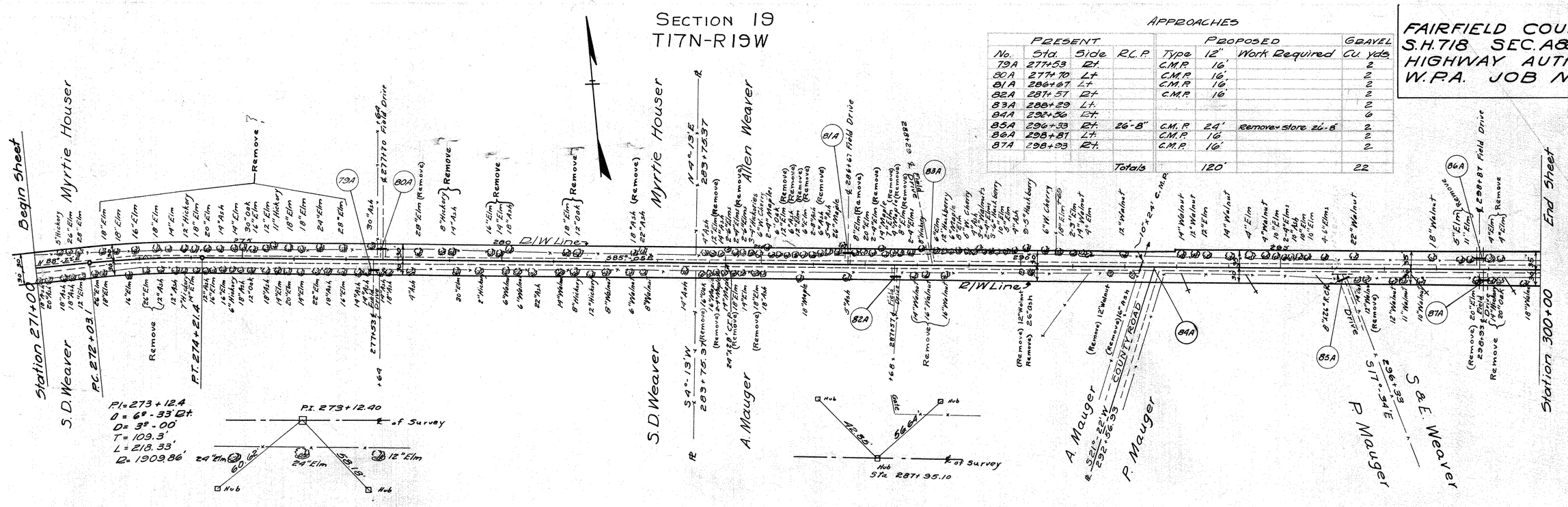
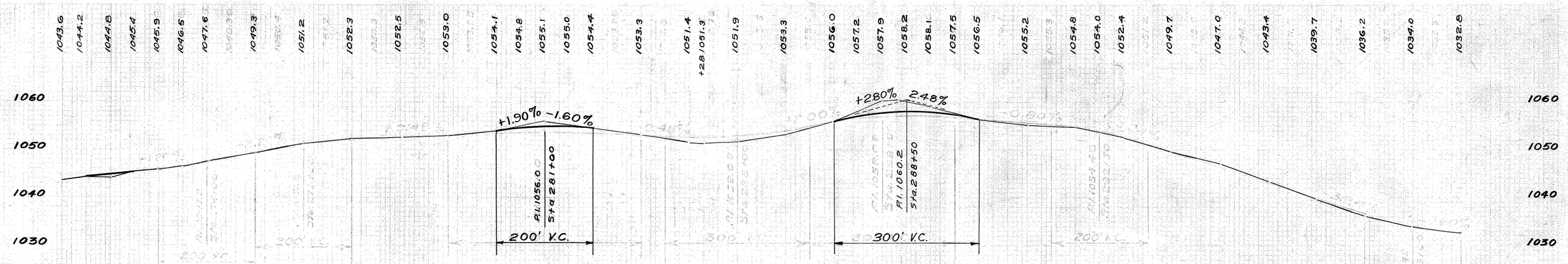
SECTION 19
T17N-R19W

APPROACHES

PRESENT				PROPOSED			GRAVEL
No.	Sta.	Side	R.C.P.	Type	12",	Work Required	Cu. yds.
79A	277+53	Rt.		C.M.P.	16'		2
80A	277+70	Lt.		C.M.P.	16'		2
81A	286+67	Lt.		C.M.P.	16'		2
82A	287+57	Rt.		C.M.P.	16'		2
83A	288+29	Lt.					2
84A	292+56	Rt.					6
85A	296+33	Rt.	26'-8"	C.M.P.	24'	Remove & Store 26'-8"	2
86A	298+87	Lt.		C.M.P.	16'		2
87A	298+93	Rt.		C.M.P.	16'		2
			Totals		120'		22



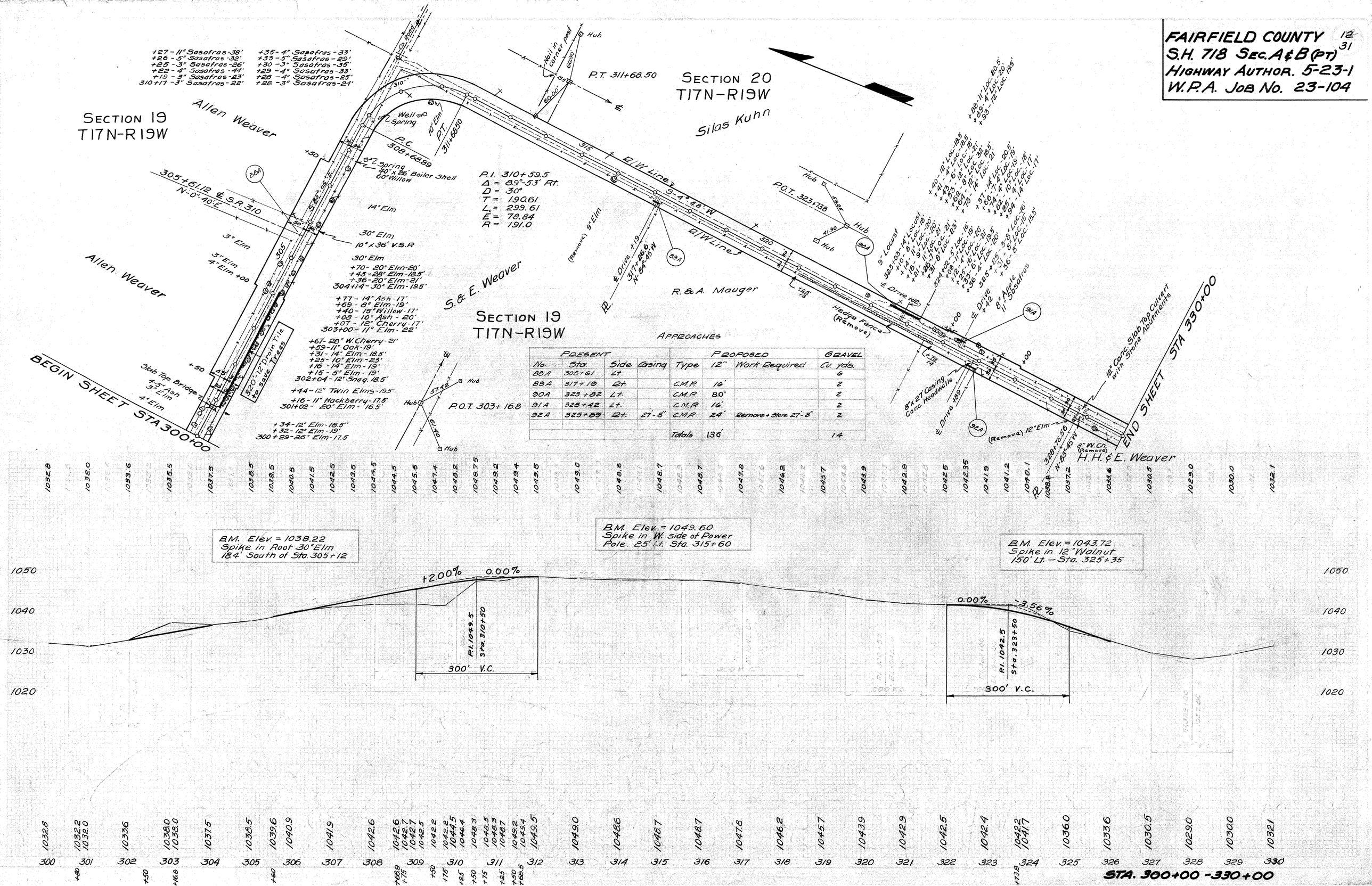


B.M. - Elev 1054.30
Spike in Root 24" Hackberry Snag
33' Lt. - Sta. 279+40

B.M. - Elev. - 1055.05
Spike in South Side
18" Walnut 22' Lt. - Sta. 291+98

STA. 271+00-300+00

FAIRFIELD COUNTY 12/31
S.H. 718 SEC. A & B (PT)
HIGHWAY AUTHOR. 5-23-1
W.P.A. JOB No. 23-104



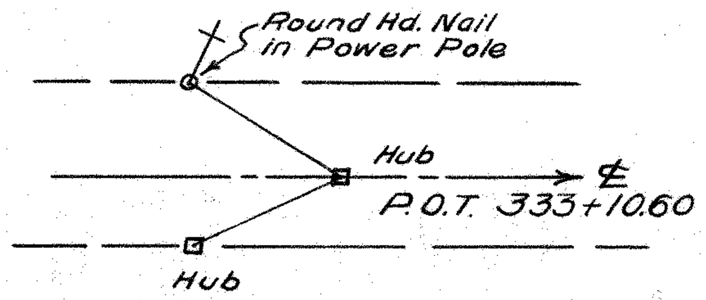
APPROACHES

PRESENT				PROPOSED			GRAVEL
No.	Sta.	Side	Casing	Type	12"	Work Required	Cu. yds.
88A	305+61	Lt.					6
89A	317+19	Rt.		C.M.P.	16'		2
90A	323+82	Lt.		C.M.P.	80'		2
91A	325+42	Lt.		C.M.P.	16'		2
92A	325+89	Rt.	27'-8"	C.M.P.	24'	Remove + Store 27'-8"	2
				Totals	136'		14

FAIRFIELD COUNTY 13/31
S.H. 718 SEC. A&B (PT)
HIGHWAY AUTHOR. 5-23-1
W.P.A. JOB Nº 23-104

APPROACHES

Present					Proposed			Gravel
No.	Sta.	Side	C.M.P.	Tile	Type	12"	Work Required	Cu. yds.
93A	330+77	Lt.			C.M.P.	32'	Remove + Store 34'-8"	2
94A	331+55	Rt.			C.M.P.	16		2
95A	331+80	Rt.			C.M.P.	16'		2
96A	334+07	Rt.			C.M.P.	16'		2
97A	336+00	Lt.			C.M.P.			5
98A	338+25	Rt.			C.M.P.	16'		2
99A	342+74	Lt.		56'-8"	C.M.P.	220'	Remove + store 56'8	2
100A	347+46	Rt.			C.M.P.	16		2
101A	348+10	Lt.		23'-8"	C.M.P.	24'	Remove + store 23'8	2
102A	348+33	Rt.			C.M.P.	16'		2
103A	348+99	Lt.	15'-10"		C.M.P.	16'	Remove + store 15-10"	2
104A	355+95	Lt.			C.M.P.	16'		2
105A	358+66	Rt.			C.M.P.	16'		2
106A	359+16	Lt.			C.M.P.	16		2
				Totals		436'		31



STA. 330+00 - 360+00

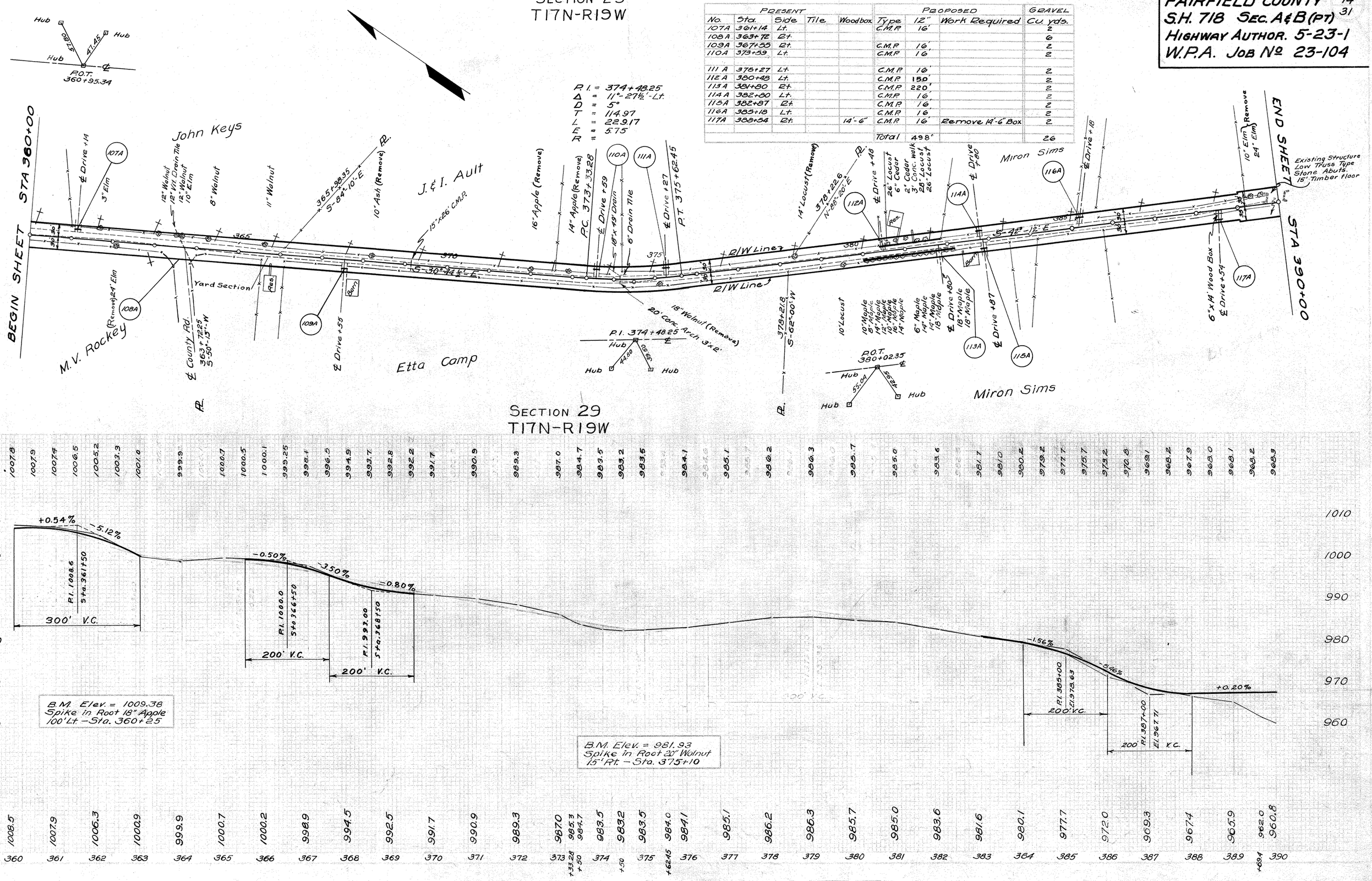
FAIRFIELD COUNTY 14/31
S.H. 718 SEC. A & B (PT)
HIGHWAY AUTHOR. 5-23-1
W.P.A. JOB No 23-104

SECTION 29
T17N-R19W

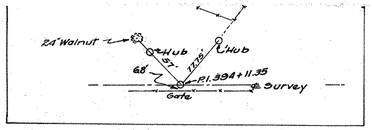
APPROACHES

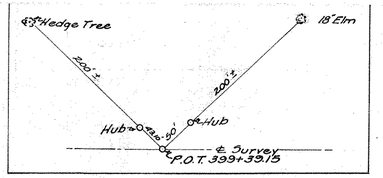
PRESENT					PROPOSED			GRAVEL
No.	Sta.	Side	Tile	Woodbox	Type	12"	Work Required	Cu. yds.
107A	361+14	Lt.			C.M.P.	16'		2
108A	363+72	Rt.						6
109A	367+55	Rt.			C.M.P.	16'		2
110A	373+59	Lt.			C.M.P.	16'		2
111A	375+27	Lt.			C.M.P.	16'		2
112A	380+48	Lt.			C.M.P.	150'		2
113A	381+80	Rt.			C.M.P.	220'		2
114A	382+80	Lt.			C.M.P.	16'		2
115A	382+87	Rt.			C.M.P.	16'		2
116A	385+18	Lt.			C.M.P.	16'		2
117A	388+54	Rt.		14'-6"	C.M.P.	16'	Remove 14'-6" Box	2
					Total	498'		26

P.I. = 374+48.25
Δ = 11°-27½'-Lt.
D = 5°
T = 114.97
L = 229.17
E = 5.75
R = 1146

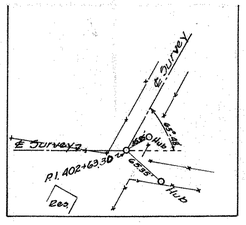


FAIRFIELD COUNTY 15
S.H. 718 SEC. A & B (PT.) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104



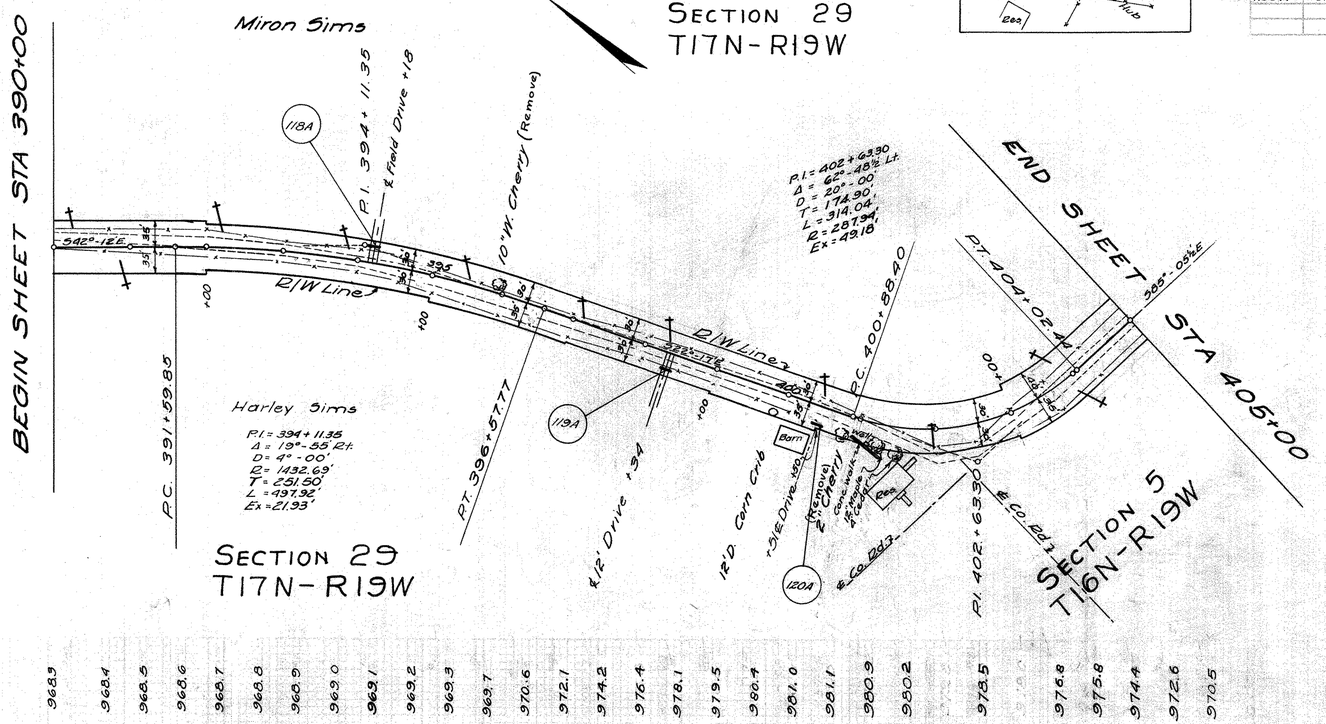


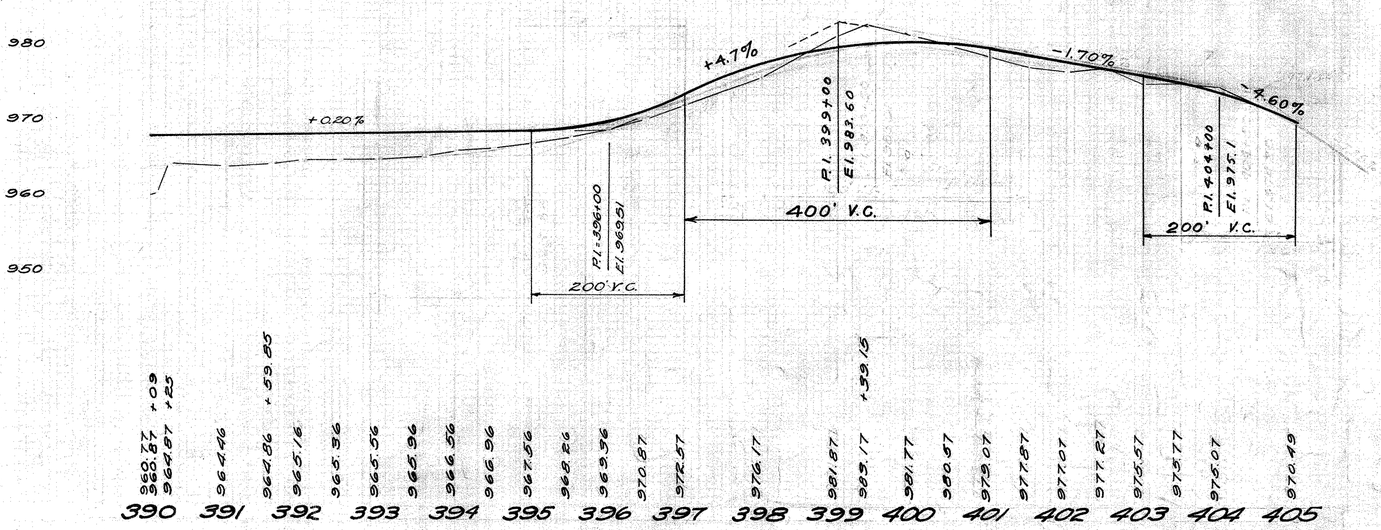
SECTION 29
T17N-R19W



APPROACHES

PRESENT				PROPOSED		GRAVEL
No.	Sta.	Side	Type	Type	12"	Cu. yds
118A	394+18	Lt.		C.M.P.	16'	2
119A	398+34	Rt.		C.M.P.	16'	2
120A	400+51	Rt.		C.M.P.	16'	2
			Totals		48'	6





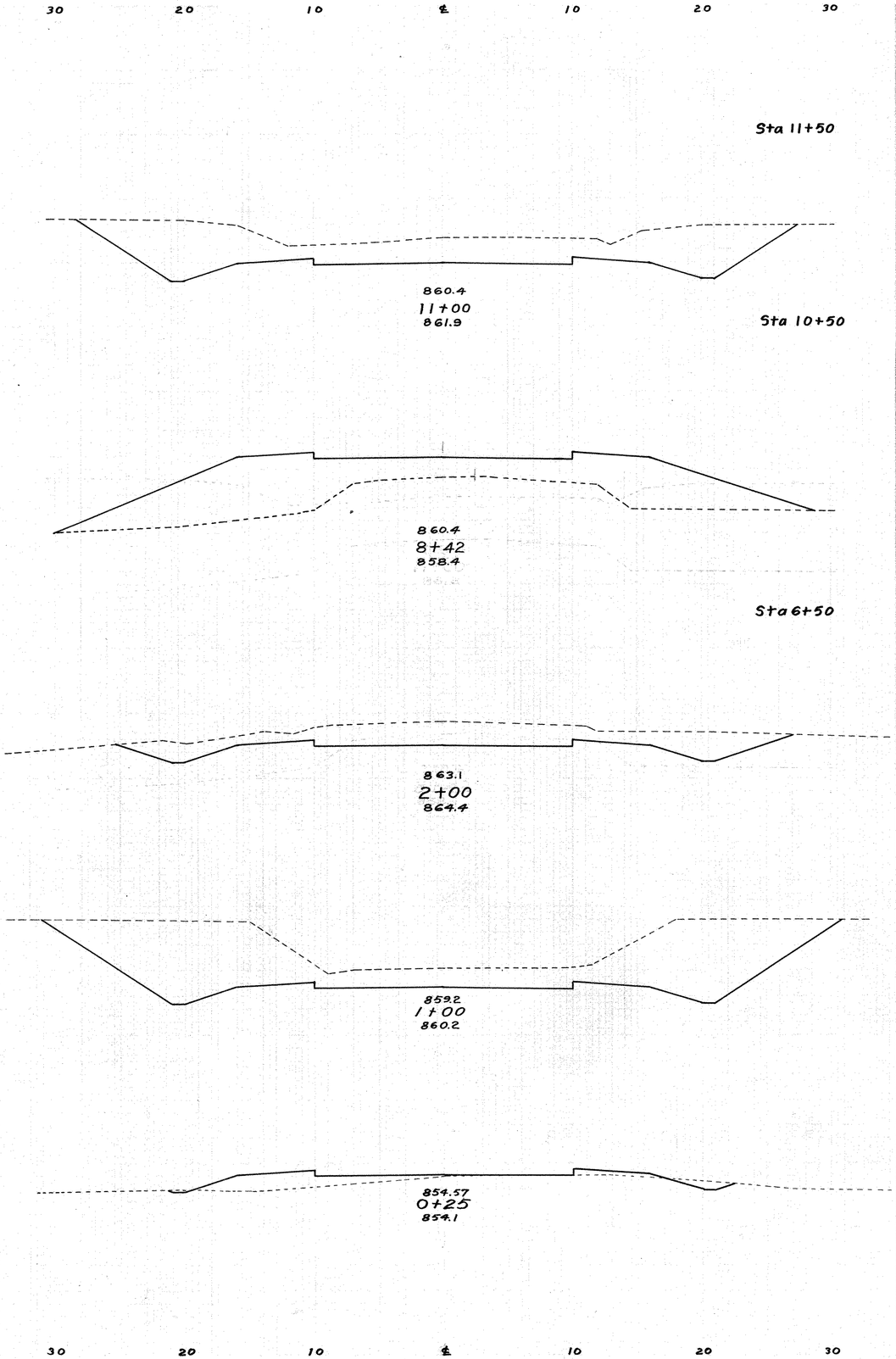
ROADWAY CULVERTS									
PRESENT				PROPOSED					
No.	STA.	SIZE	TYPE	SIZE	REMOVE & STORE	NEW PIPE 12"	24"	36"	48"
1-C	8+42	12"x24'	C.M.P.	12"x56'	12"x24' C.M.P.	56'			
2-C	12+46	20"x23'	Stack	24"x56'	20"x23' Stack		56'		
3-C	21+87	24"x26'	Stack	24"x50'	24"x26' Stack		50'		
4-C	32+43	24"x28'	Stack	24"x50'	24"x28' Stack		50'		
5-C	70+60	8"x25'	Csg.	12"x48'	8"x25' Casing	48'			
6-C	78+21	24"x28'	V.S.P.	24"x50'	24"x28' V.S.P.		50'		
7-C	90+26	8"x20'	Csg.	12"x52'	8"x20' Casing	52'			
8-C	93+34	12"x24'	Csg.	12"x52'	12"x24' Casing	52'			
9-C	113+32	24"x26'	V.S.P.	24"x48'	24"x26' V.S.P.		48'		
10-C	115+64	22"x25'	Sperry	24"x52'	22"x25' Sperry Expan.		52'		
11-C	138+04	12"x26'	C.I.P.	12"x44'	12"x26' C.I.P.	44'			
12-C	147+38	36"x24'	Boilers	48"x50'	36"x24' Boiler Shell				50'
13-C	157+01	12"x24'	V.S.P.	12"x48'	12"x24' V.S.P.	48'			
14-C	191+46	48"x22'	Boiler Shell	48"x70'	48"x22' Boiler Shell				70'
15-C	209+42	NONE		36"x70'				70'	
16-C	250+77	48"x29'	C.I.P.	48"x56'	48"x29' C.I.P.				56'
17-C	261+61	28"x22'	Boiler Shell	36"x52'	28"x22' Boiler Shell			52'	
18-C	267+97	15"x23'	C.I.P.	24"x60'	15"x23' C.I.P.		60'		
19-C	284+28	24"x28'	Stack	24"x52'	24"x28' Stack		52'		
20-C	292+28	10"x23'	C.M.P.	12"x56'	10"x23' C.M.P.	56'			
21-C	305+92	10"x36'	V.S.P.	12"x52'	10"x36' V.S.P.	52'			
22-C	307+83	40"x26'	Boiler Shell	48"x70'	40"x26' Boiler Shell				70'
23-C	334+79	8"x24'	Csg.	12"x48'	8"x24' Casing	48'			
24-C	354+04	40"x38'	Boiler Shell	48"x70'	40"x38' Boiler Shell				70'
25-C	357+92	8"x32'	C.M.P.	12"x48'	8"x32' C.M.P.	48'			
26-C	363+68	12"x73'	V.S.P.	12"x80'	12"x73' V.S.P.	80'			
27-C	369+13	15"x28'	C.M.P.	24"x52'	15"x28' C.M.P.		52'		
TOTAL NEW PIPE						584'	470'	122'	316'

Excavation	52,207 Cu. Yds.
Embankment	29,119 Cu. Yds.
Embankment + 20%	34,943 Cu. Yds.
Waste	17,264 Cu. Yds.

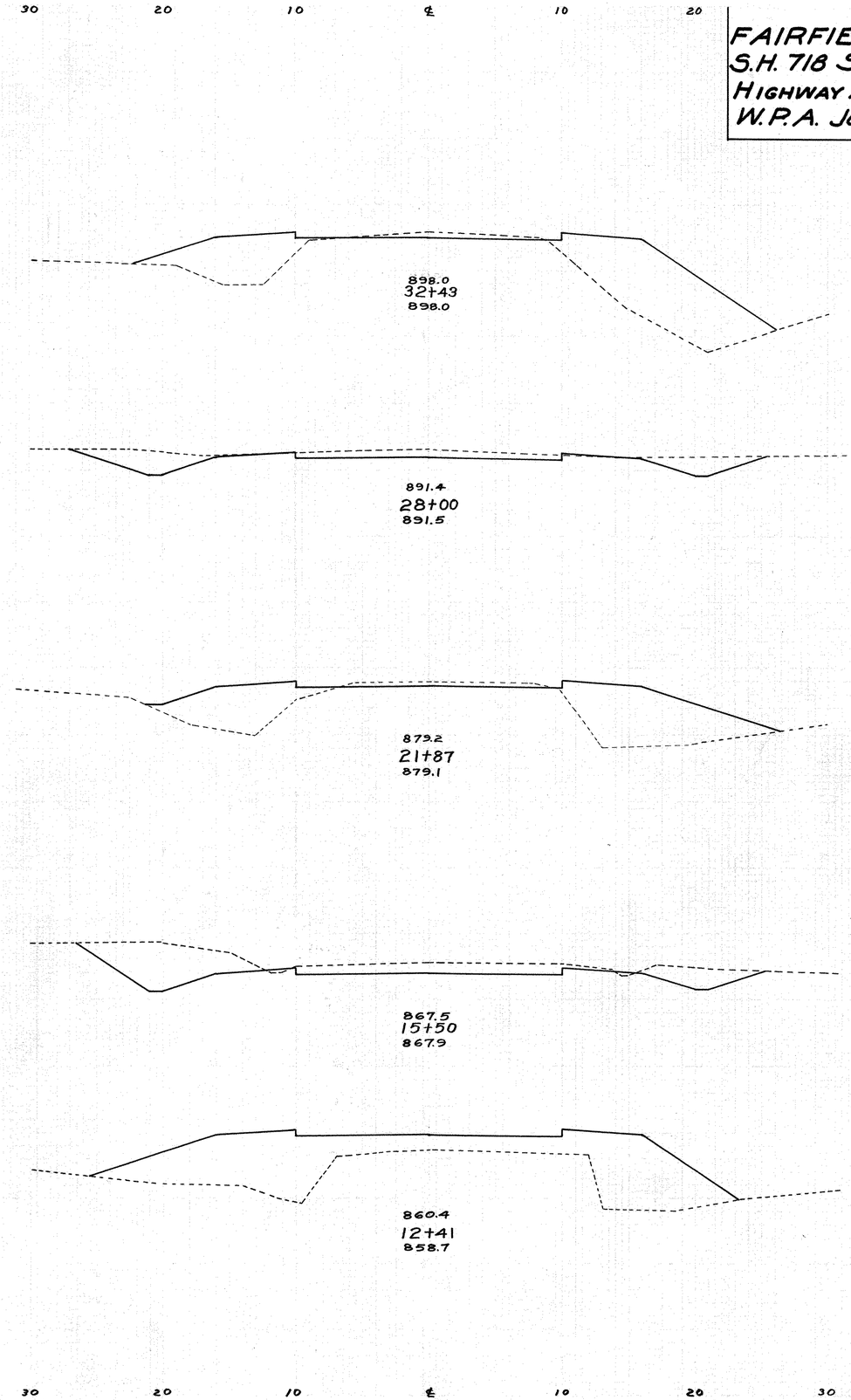
STA. 390+00 - 405+00

FAIRFIELD COUNTY 16
S.H. 718 SEC. A&B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

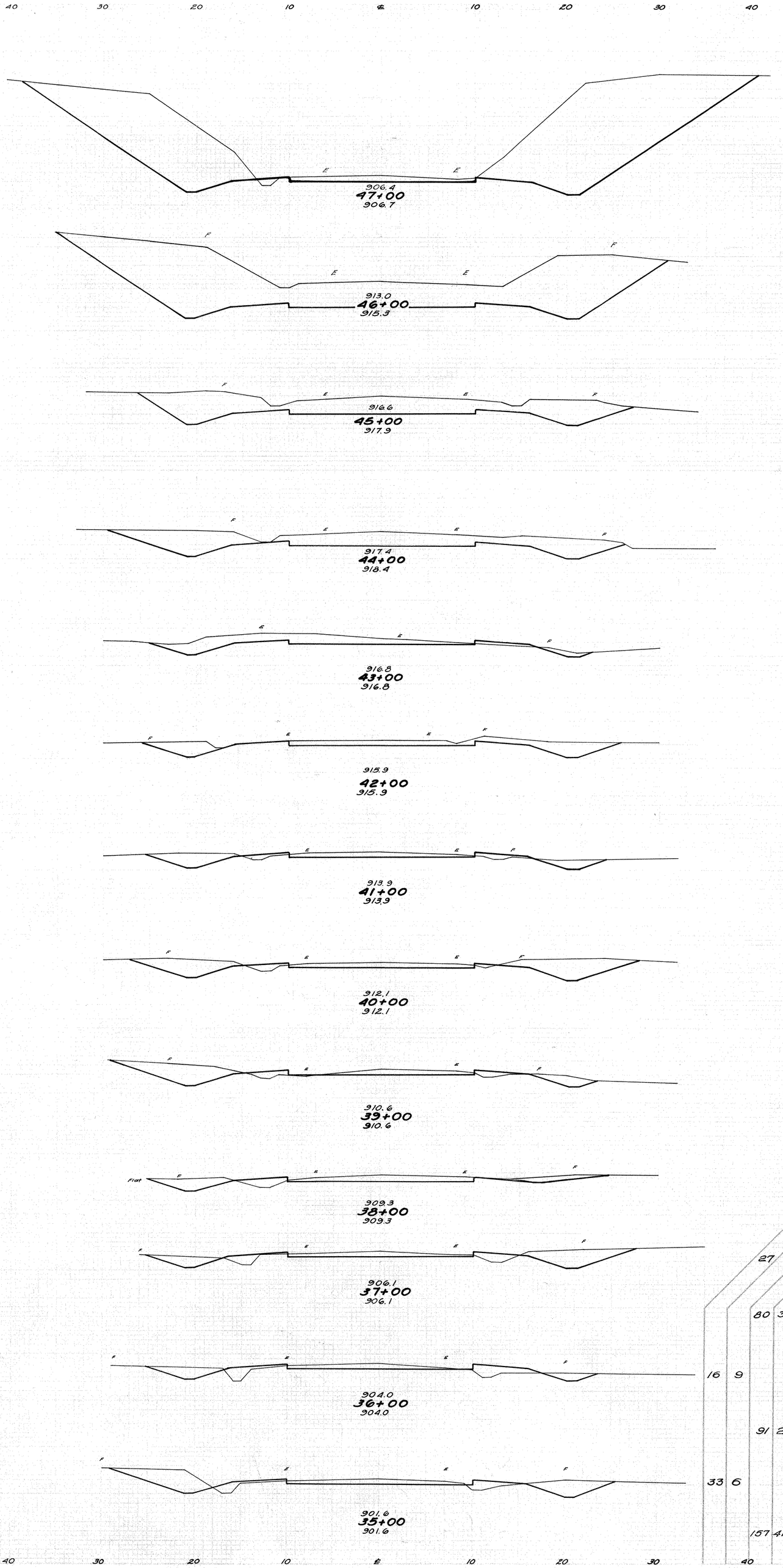
	End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
Sta 11+50	0	0		
			121	0
	131	0		
			121	0
Sta 10+50	0	0		
			0	578
	0	150		
			0	534
Sta 6+50	0	0		
			590	0
	71	0		
			483	0
	190	0		
			268	26
	3	19		
			3	18



	End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
	0	82		
			190	682
	23	1		
			264	864
	0	75		
			650	911
	55	2		
			315	754
	0	130		
			0	219



Sta. 0+25 - 32+43



	AREA CUT	AREA FILL	CU. YDS. CUT	CU. YDS. FILL
			574	146
	310	2		
			1022	4
	242	0		
			620	0
	93	0		
			309	0
	74	0		
			194	4
	31	2		
			119	4
	33	0		
			106	9
	24	5		
			124	15
	43	3		
			135	15
	30	5		
			96	17
	22	4		
			91	20
	27	7		
			80	30
	16	9		
			91	28
	33	6		
			157	419

FAIRFIELD COUNTY
S.H. 718 SEC. A+B(PA) 17
HWY. AUTH. No. S-23-1 31
W.P.A. JOB No. 23-104

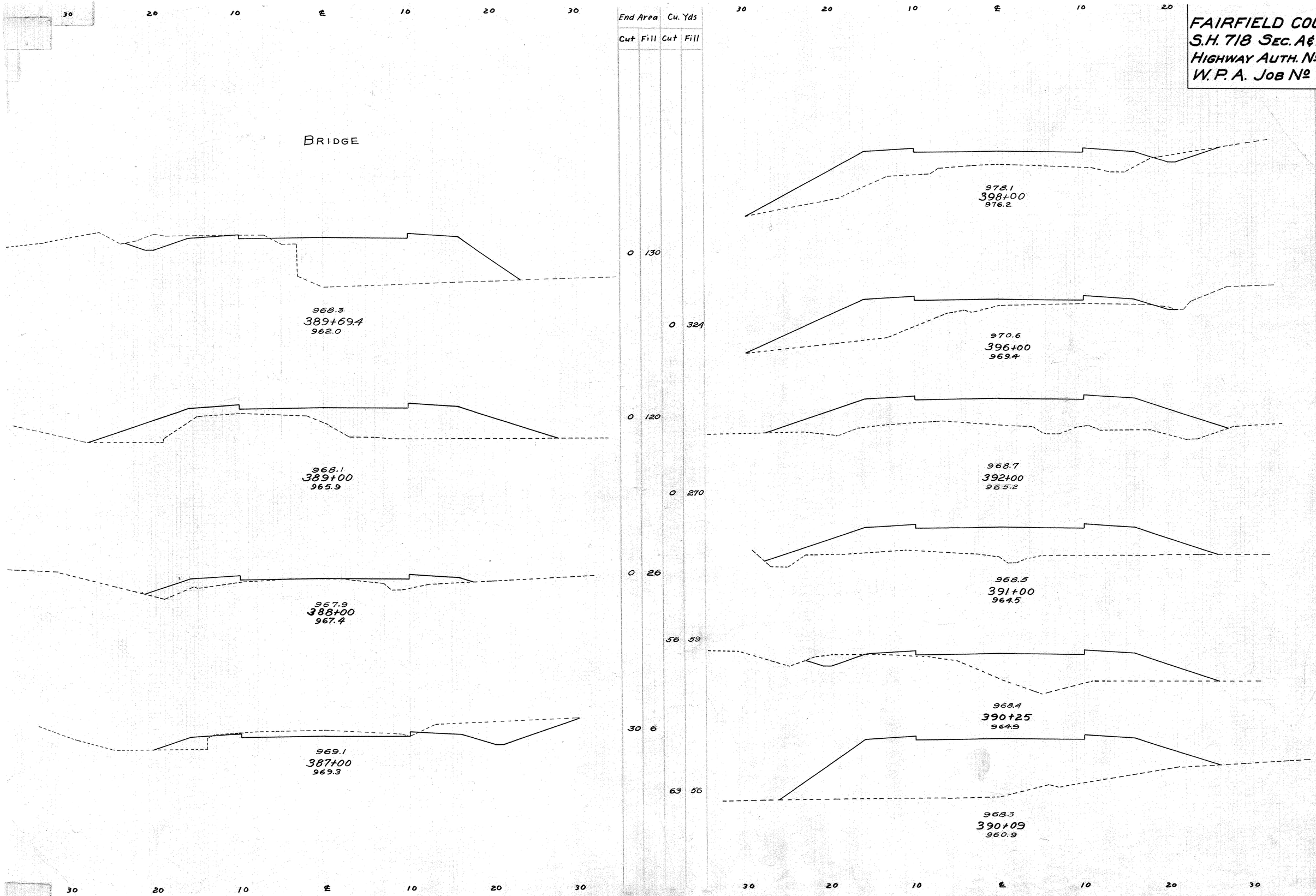
STA. 35+00 – 47+00

FAIRFIELD COUNTY 18
S.H. 718 SEC A+B (P.H.) 31
HWY. AUTH. No. 5-23-1
W.P.A. JOB No. 23-104

	E. AREA		CU. YDS.	
	CUT	FILL	CUT	FILL
60+00	34	2	122	191
59+00	7	14	76	30
58+00	24	1	57	28
57+00	0	68	44	128
56+00	1	16	2	1516
55+00	2	91	6	198
54+00	21	47	43	256
53+00	67	19	163	122
52+00	291	0	663	35
51+00	105	1	733	2
50+00	205	100		
49+50			389	127
49+00			11	0
48+00			80	60
			4	0

STA. 48+00 - 60+00

FAIRFIELD COUNTY 30
S.H. 718 SEC. A&B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

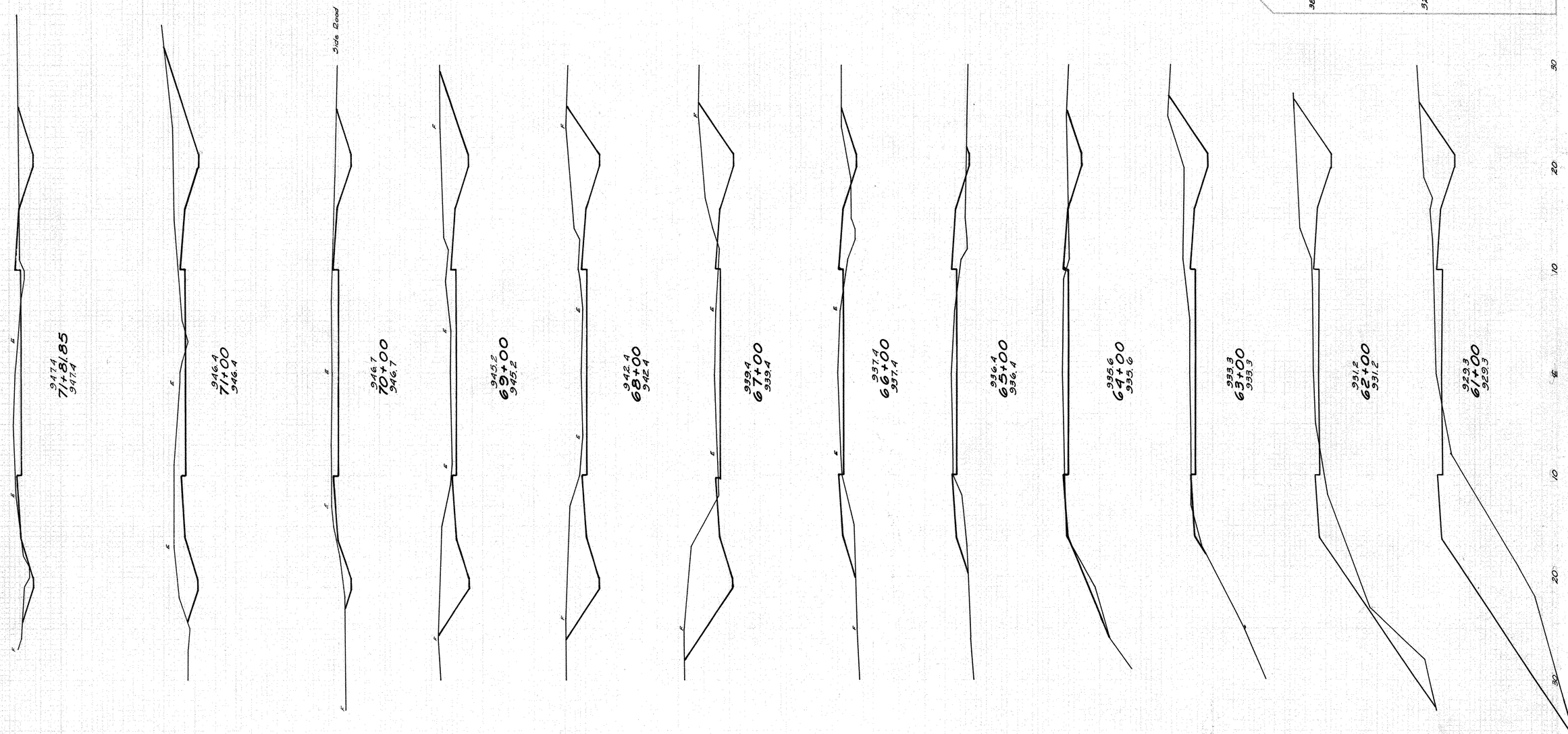


End Area Cut	End Area Fill	Cu. Yds Cut	Cu. Yds Fill
0	130		
		0	324
0	120		
		0	270
0	26		
		56	59
30	6		
		63	56
4	110		
		19	755
1	95		
		7	1912
0	163		
		0	56
0	140		
		7	32
5	93		
		1	107
0	266		

Sta 387+00 - 398+00

FAIRFIELD COUNTY 19
S.H. 718 SEC. A+B (PH) 31
HWY. AUTH. No. 5-23-1
W.P.A. JOB No. 23-104

E. AREA CUT	E. AREA FILL	CU. YDS. CUT	CU. YDS. FILL
22	2	110	5
51	1	146	2
28	0	170	0
64	0	237	0
64	0	248	2
70	1	152	31
12	16	37	57
8	15	20	35
19	4	104	9
37	1	139	36
38	29	130	241
32	101		



STA. 61+00 - 71+81.85

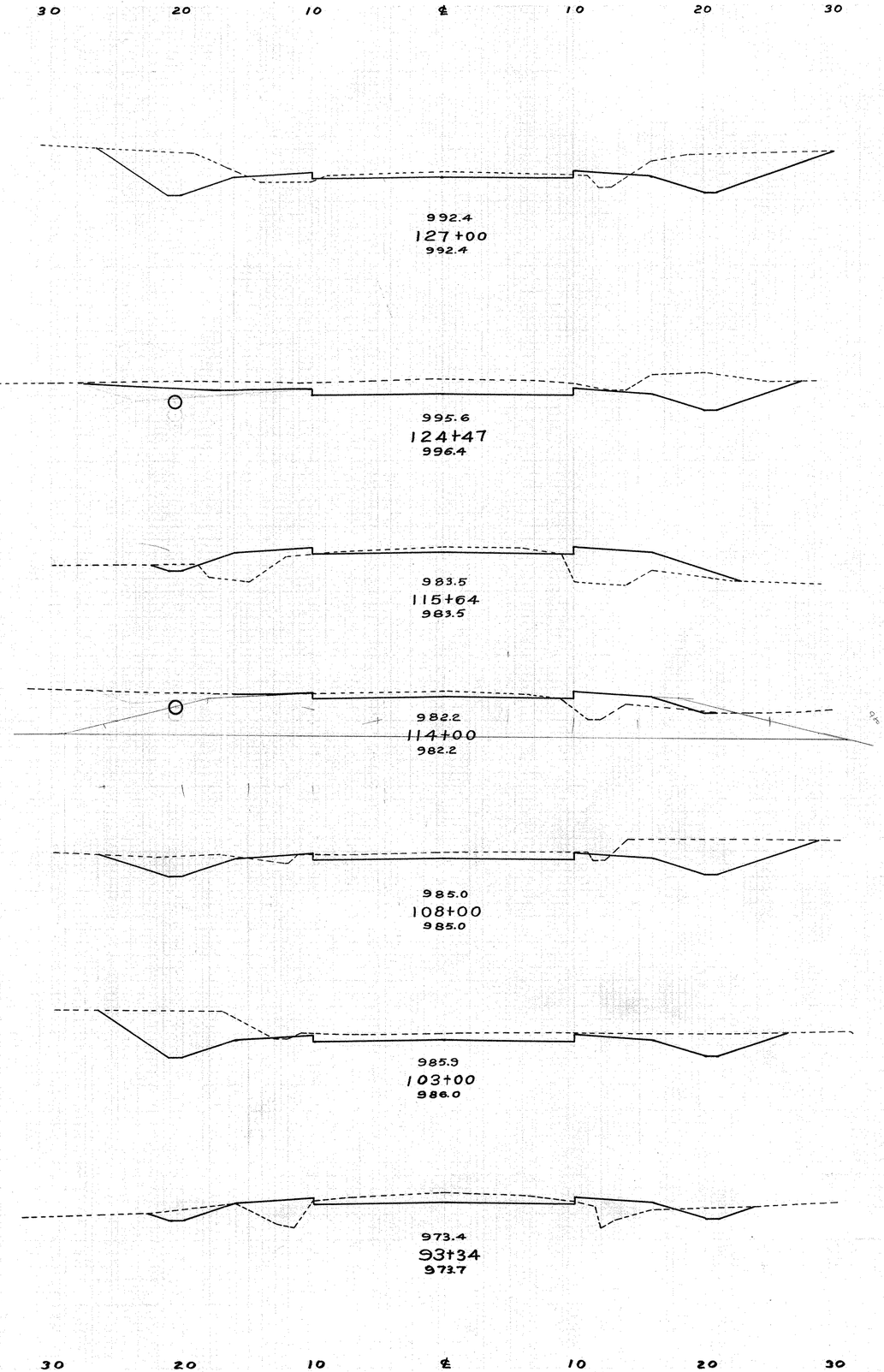
FAIRFIELD COUNTY 20
S.H. 718 SEC. A & B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

End Area		Cu. Yd.	
Cut	Fill	Cut	Fill
5	15		105 53
25	0		373 17
39	4		355 40
9	4		87 580

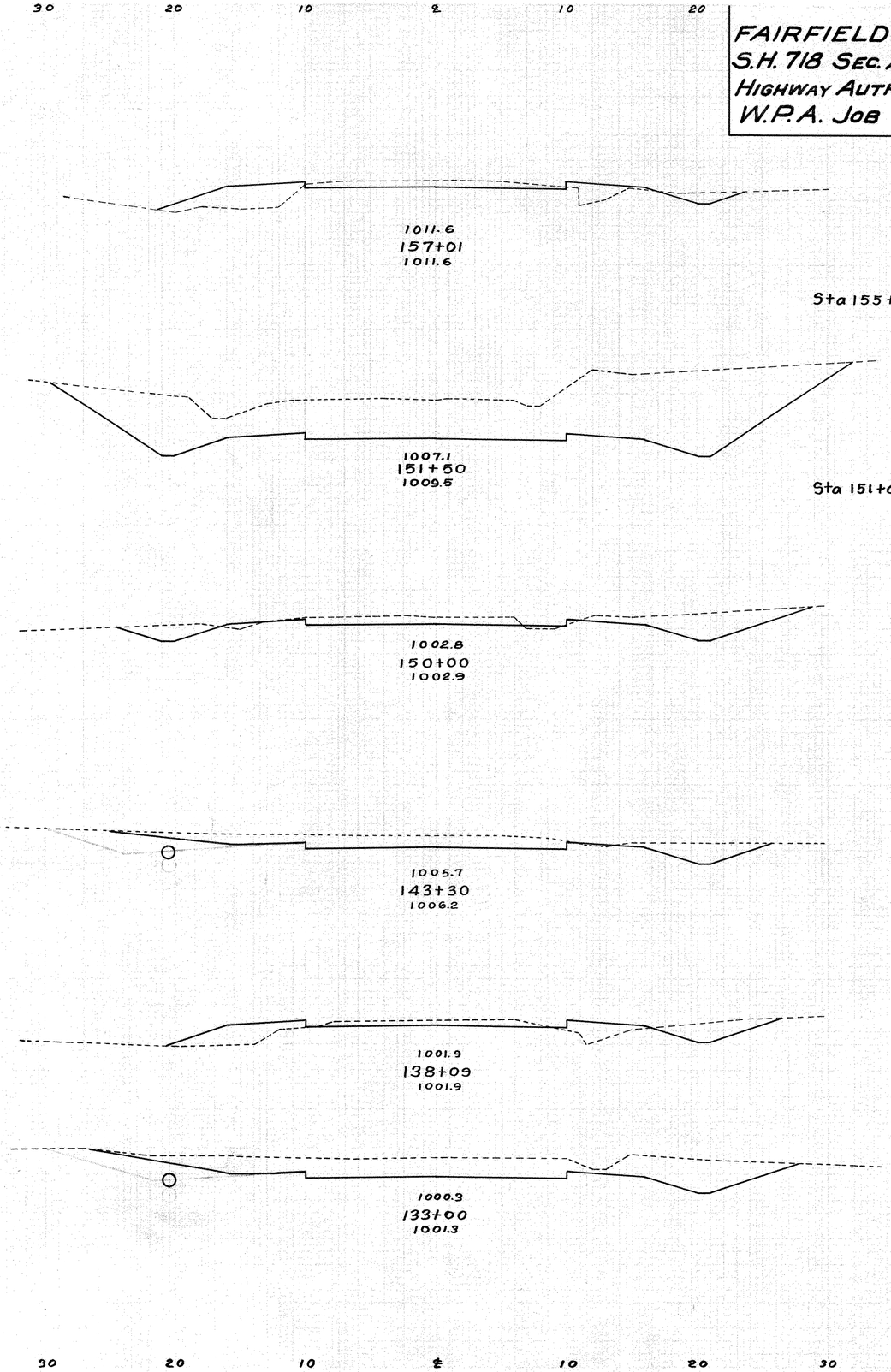
0	57	0	234	0	
109	0	0	0	274	15
36	1	0	0		

Sta 74+38 - 90+26

FAIRFIELD COUNTY 21/31
S.H. 718 SEC. A & B (PT)
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104



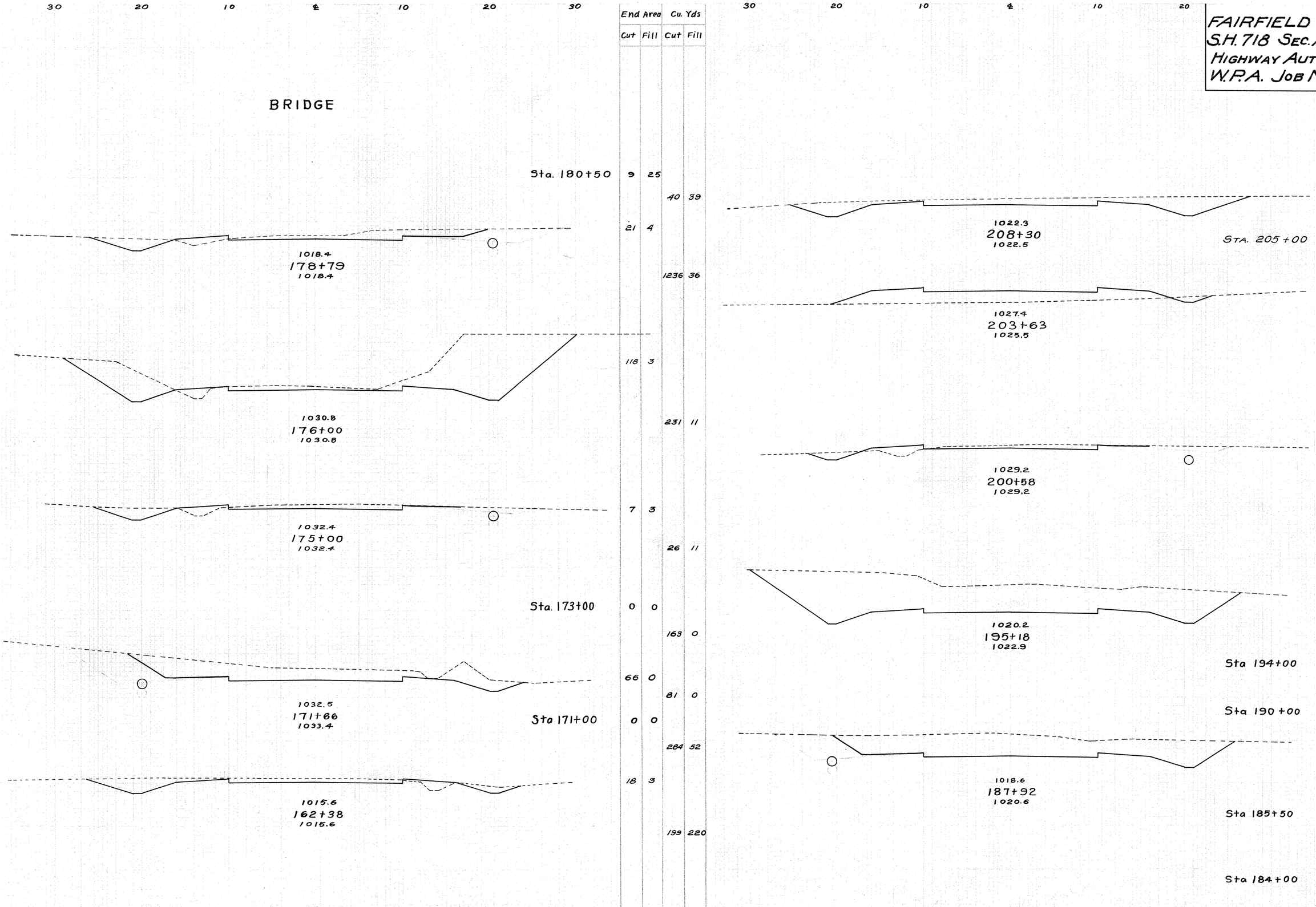
End Area Cut	End Area Fill	Cu. Yd. Cut	Cu. Yd. Fill
48	7		
		458	33
50	0		
		830	556
1	34		
		28	128
8	8		
		489	122
36	3		
		815	28
52	0		
		1256	251
18	14		
		132	166



	End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
	2	19		
			8	70
Sta 155+00	0	0		
			1296	0
	200	0		
			185	0
Sta 151+00	0	0		
			48	4
	26	2		
			784	27
	37	0		
			443	146
	9	16		
			728	153
	68	0		
			1290	78

Sta. 93+34-157+01

FAIRFIELD COUNTY 22
S.H. 718 SEC. A & B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

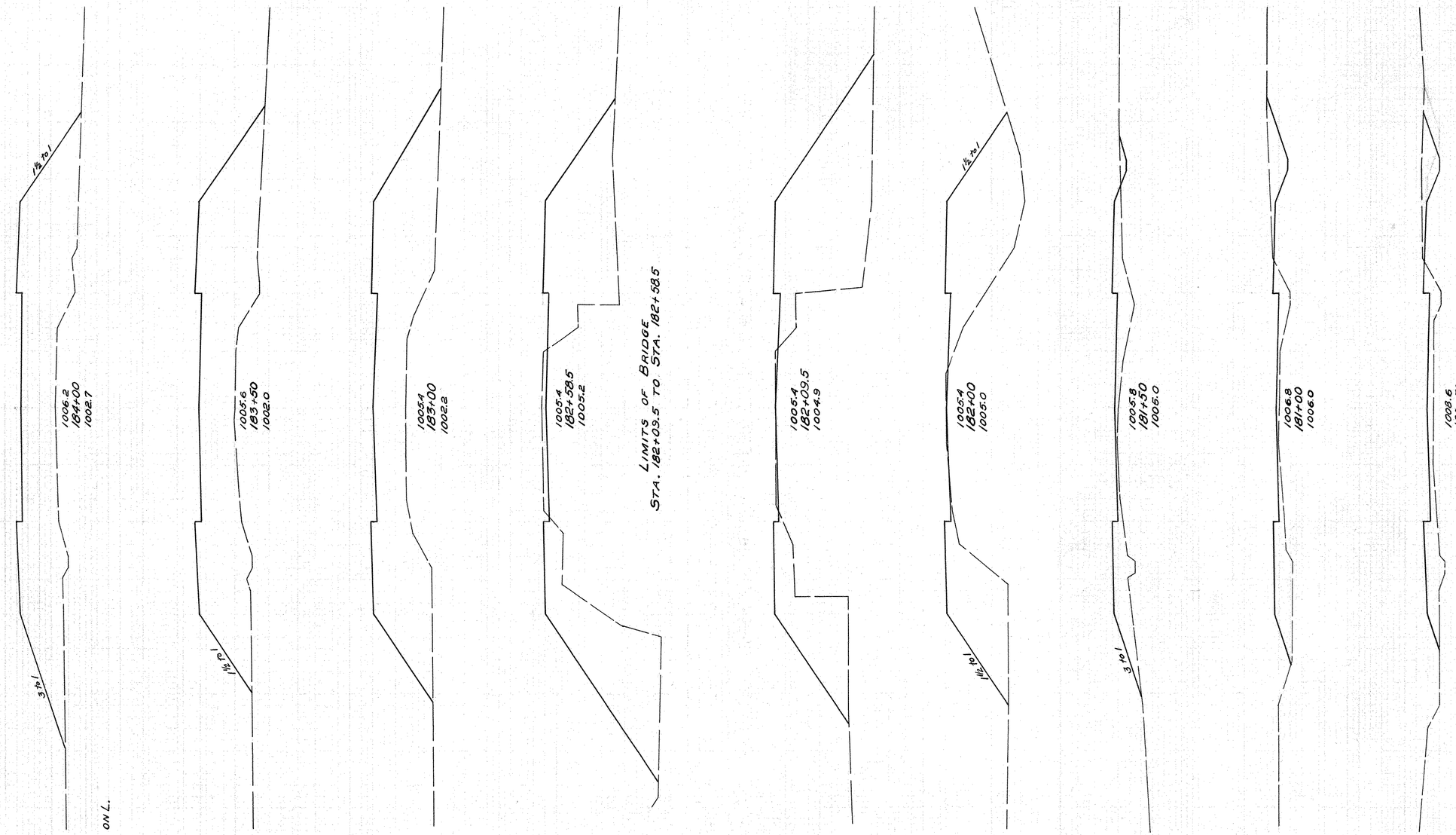


	End Area Cut	End Area Fill	Cu. Yds Cut	Cu. Yds Fill
Sta. 180+50	9	25		
			40	39
	21	4		
			1236	36
	118	3		
			231	11
	7	3		
			26	11
Sta. 173+00	0	0		
			163	0
	66	0		
			81	0
Sta 171+00	0	0		
			284	52
	18	3		
			199	220

	End Area Cut	End Area Fill	Cu. Yds Cut	Cu. Yds Fill
	45	0		
			274	0
STA. 205+00	0	0		
			5	119
	2	47		
			27	293
	3	5		
			1928	49
	190	0		
			415	0
Sta 194+00	0	0		
Sta 190+00	0	0		
			397	0
	103	0		
			462	0
Sta 185+50	0	0		
Sta 184+00	0	0		

Sta 162+38 - 180+50
Sta 184+00 - 208+30

FAIRFIELD COUNTY 23
S.H. 718 SEC. A (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

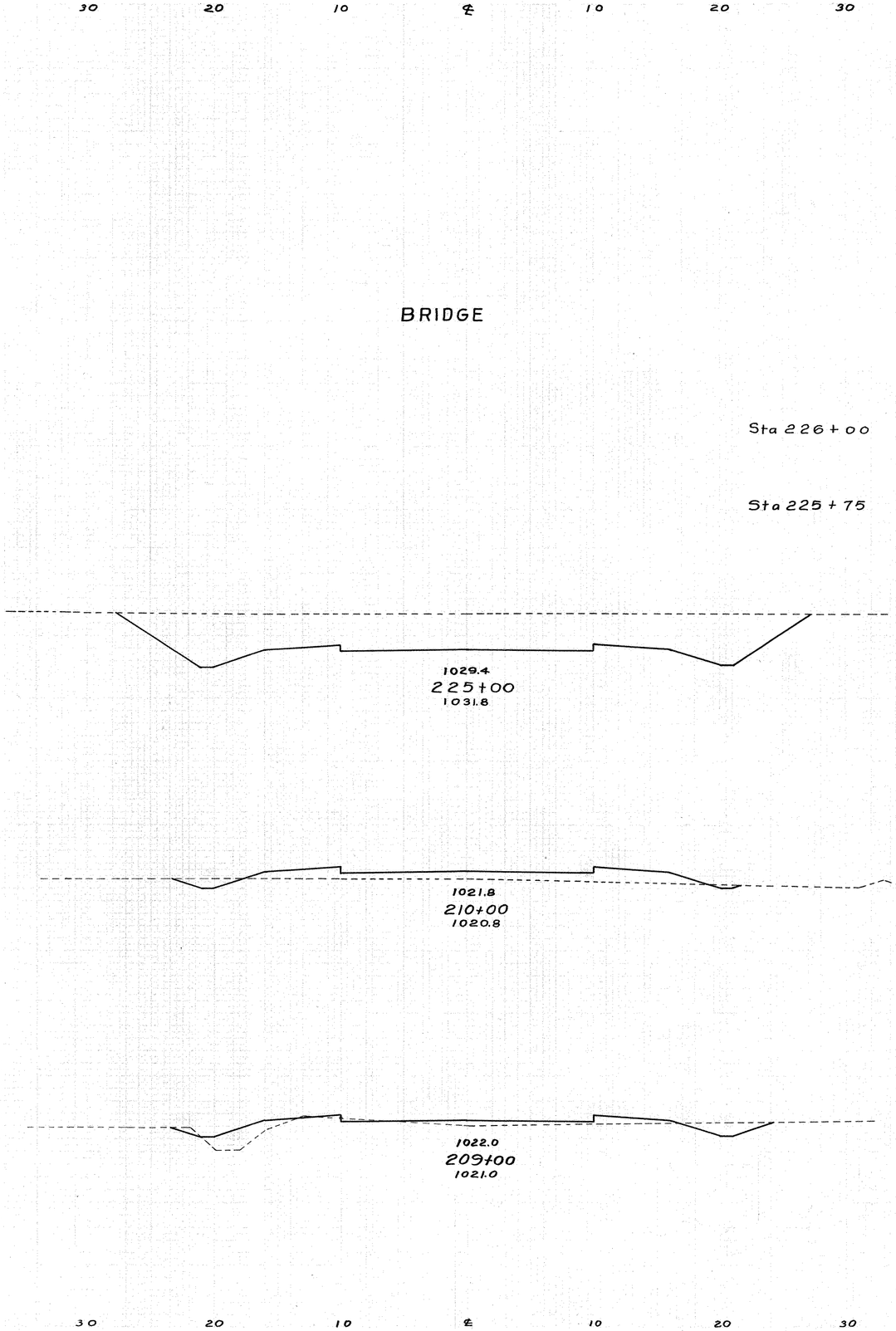


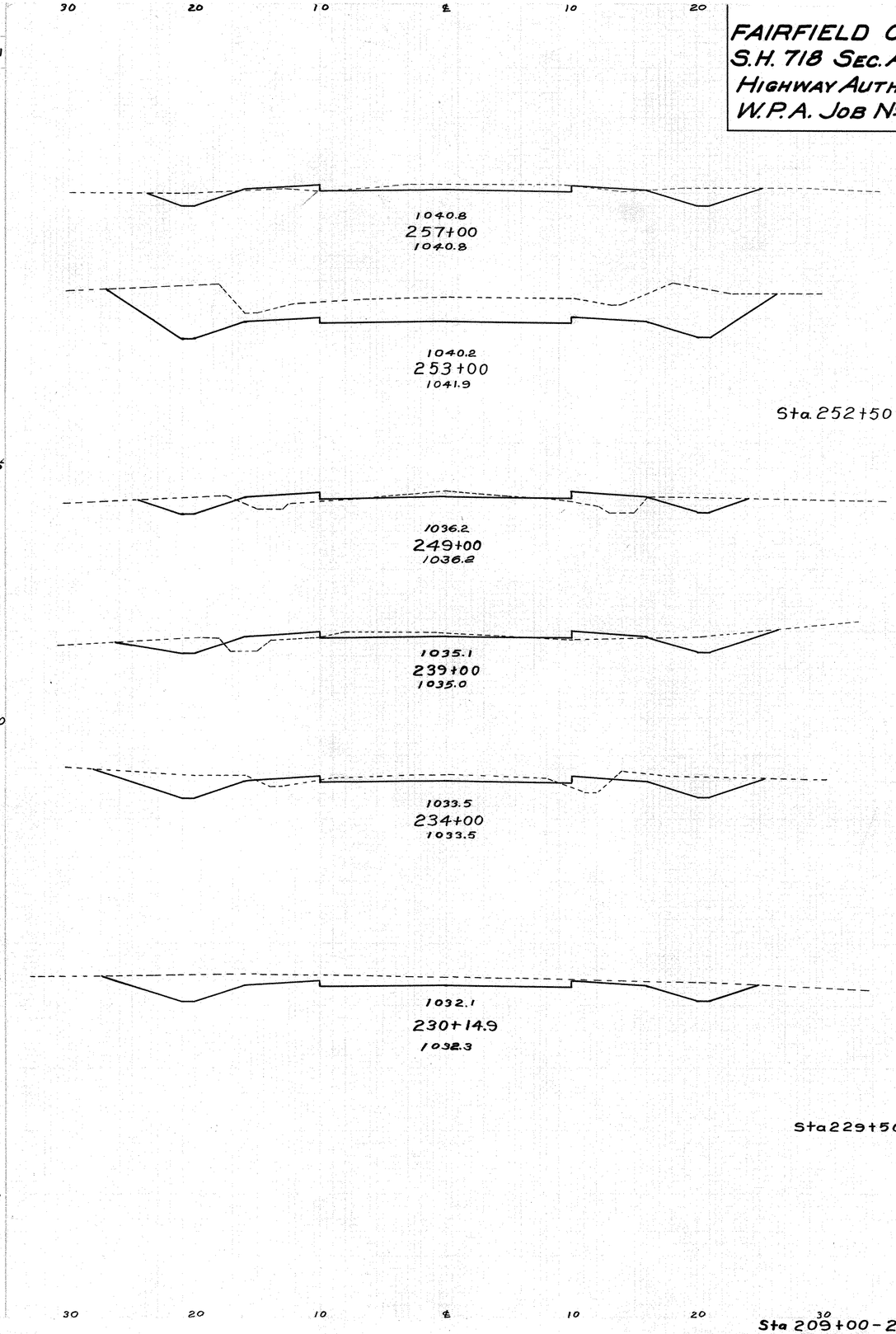
+90 DRIVE ON L.

END AREA		CU. YDS.	
CUT	FILL	EXC.	EMB.
0	179		5
		0	335
0	183		
		0	340
0	184		
		4	277
5	176		
		0	53
0	173		
		1	153
0	130		
		10	58
1	36		
		17	47
10	26		
9	25		

Sta 180+50-184+00

FAIRFIELD COUNTY 24
S.H. 718 SEC. A & B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104



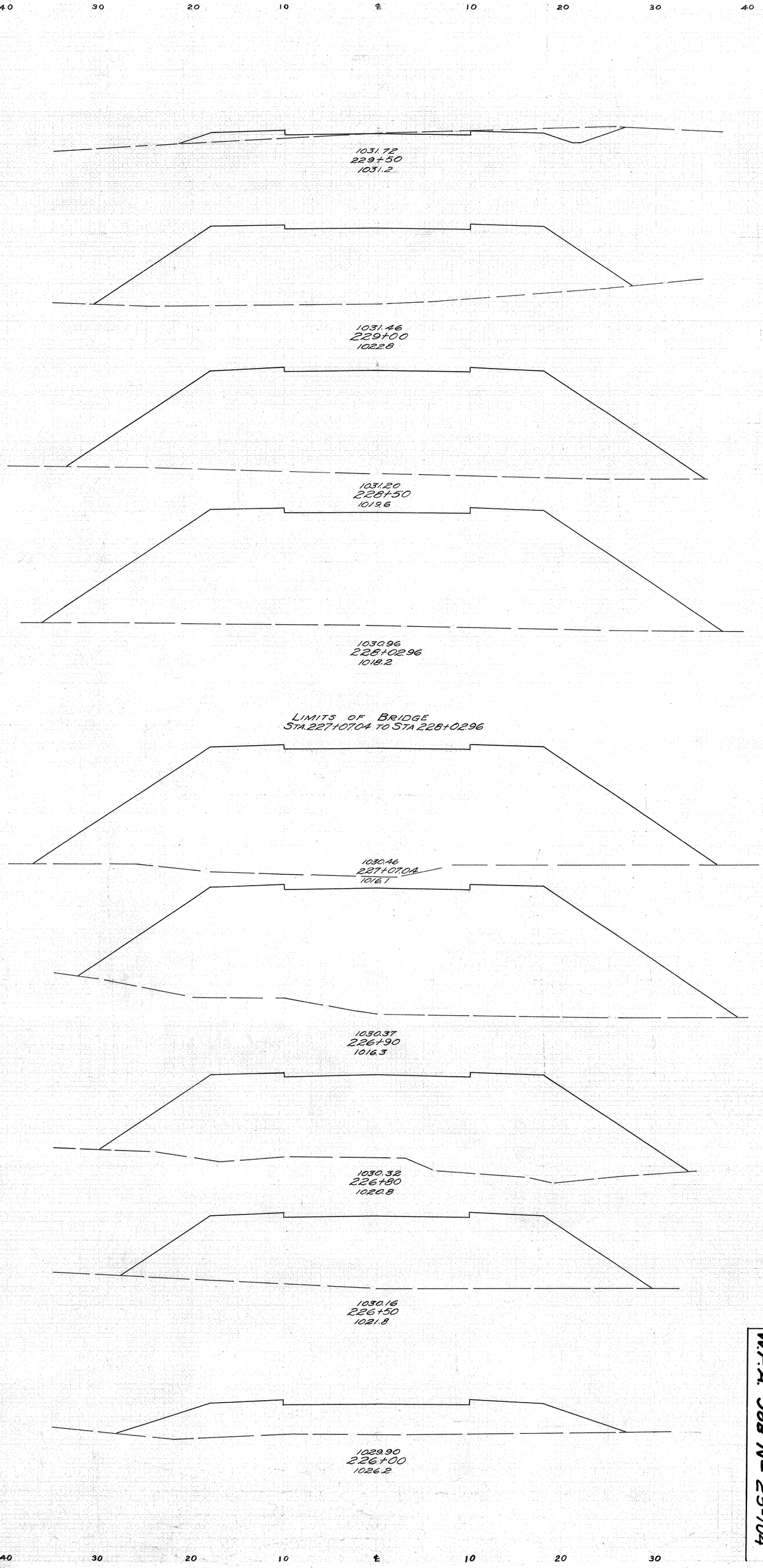


	End Area Cut	End Area Fill	Cu. Yds Cut	Cu. Yds Fill
Sta 226+00	0	161		
			0	75
Sta 225+75	0	0		
			217	0
	156	0		
			4410	660
	3	24		
			17	76
	6	17		
			66	22

	End Area Cut	End Area Fill	Cu. Yds Cut	Cu. Yds Fill
	10	3		
			926	22
	115	0		
			106	0
Sta. 252+50	0	0		
			70	77
	11	12		
			444	352
	13	7		
			324	130
	22	7		
			477	50
	45	0		
			71	14
Sta 229+50	14	12		

Sta 209+00 - 226+00
Sta 229+50 - 257+00

ENDAREA CU. YDS.			
CUT	FILL	EXC.	EMB.
1.4	12		
		13	370
0	387		
		0	909
0	594		
		0	1120
0	691		
0	740		
		0	461
0	721		
		0	226
0	501		
		0	479
0	361		
		0	483
0	161		

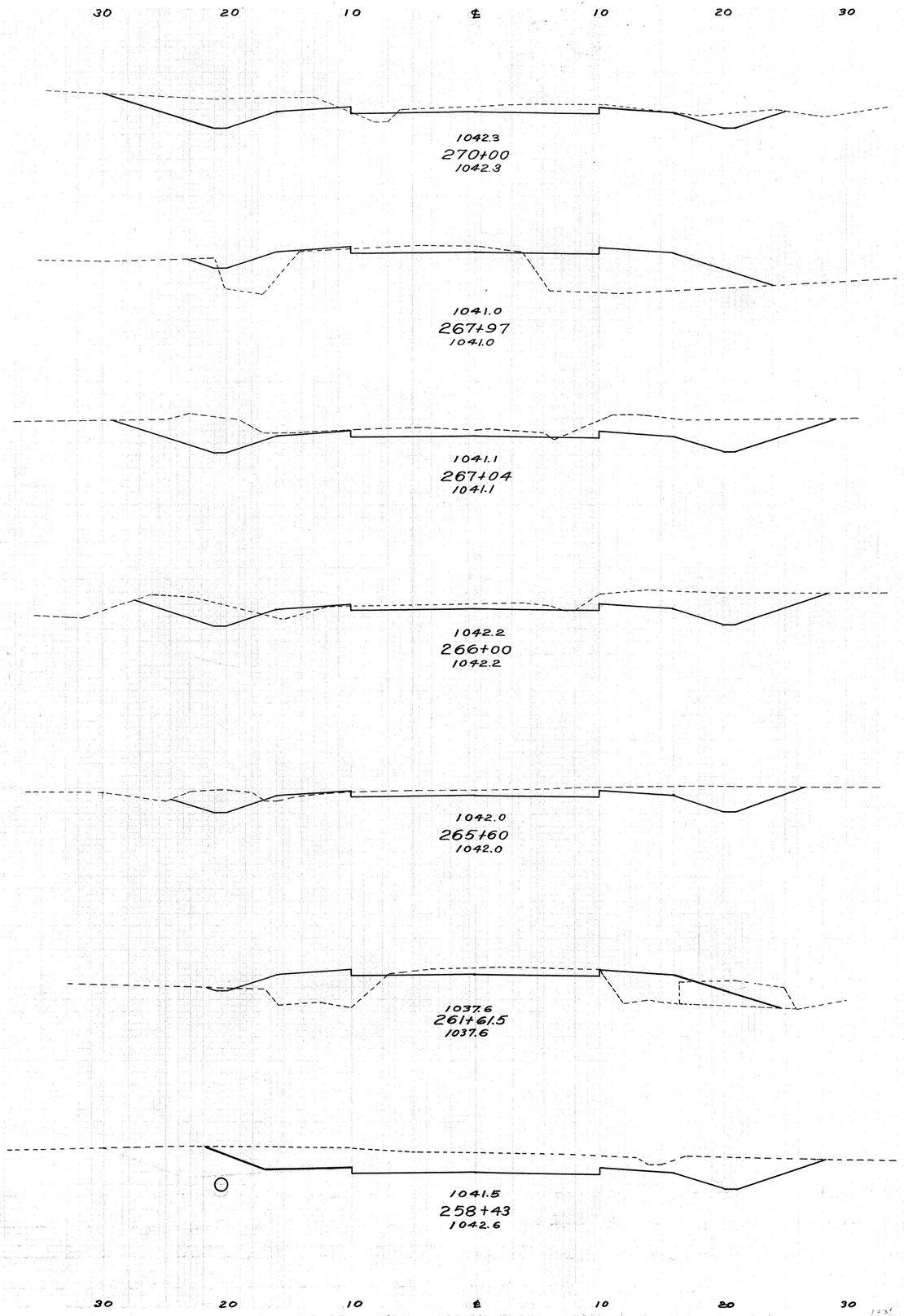


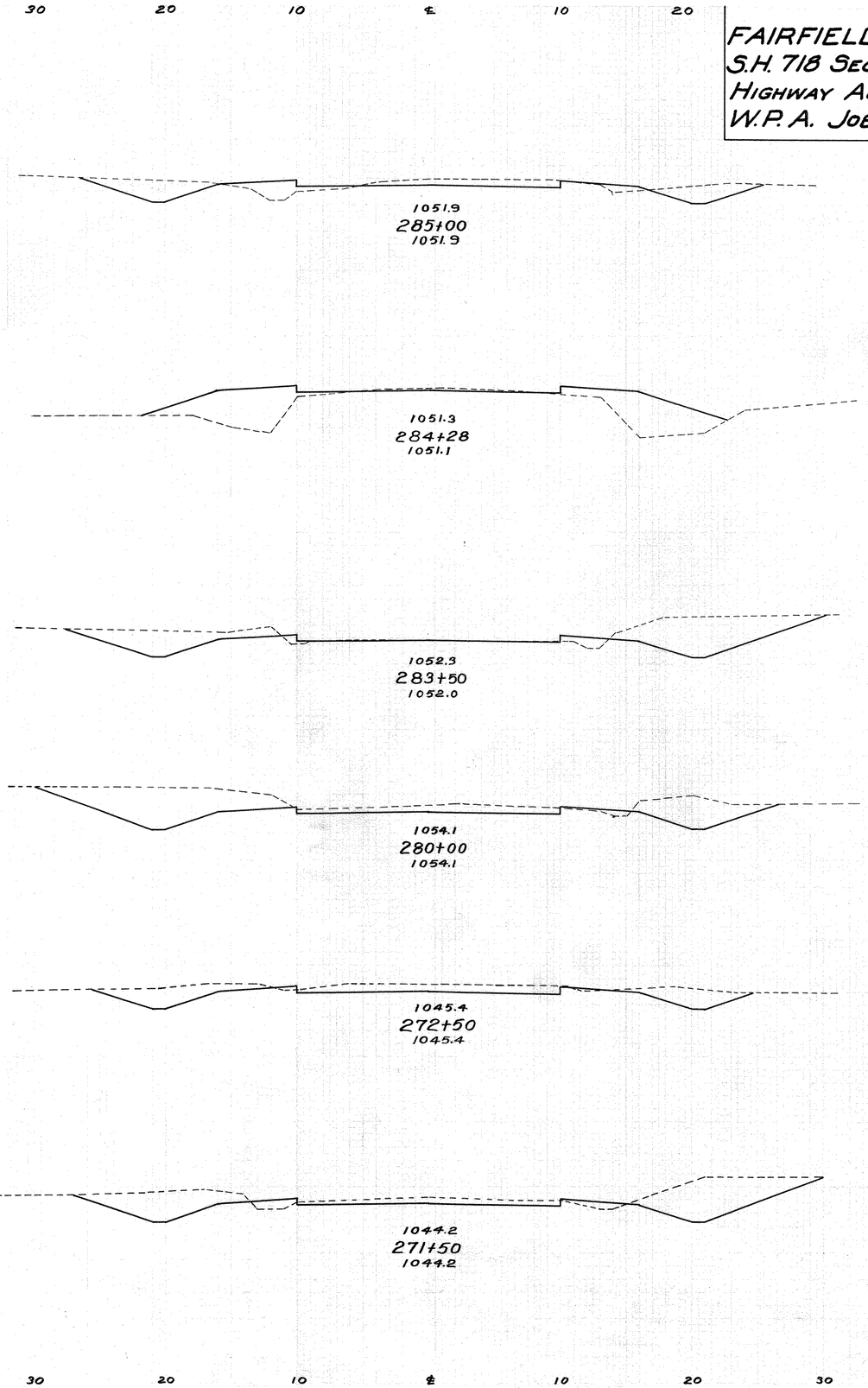
FAIRFIELD COUNTY
S.H. 718 SEC. A( )
HIGHWAY AUTHOR. No 5-23-1
W.P.A. JOB No 23-104

25
31

Sta. 226+00-229+50

FAIRFIELD COUNTY 26
S.H. 718 SEC. A & B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104

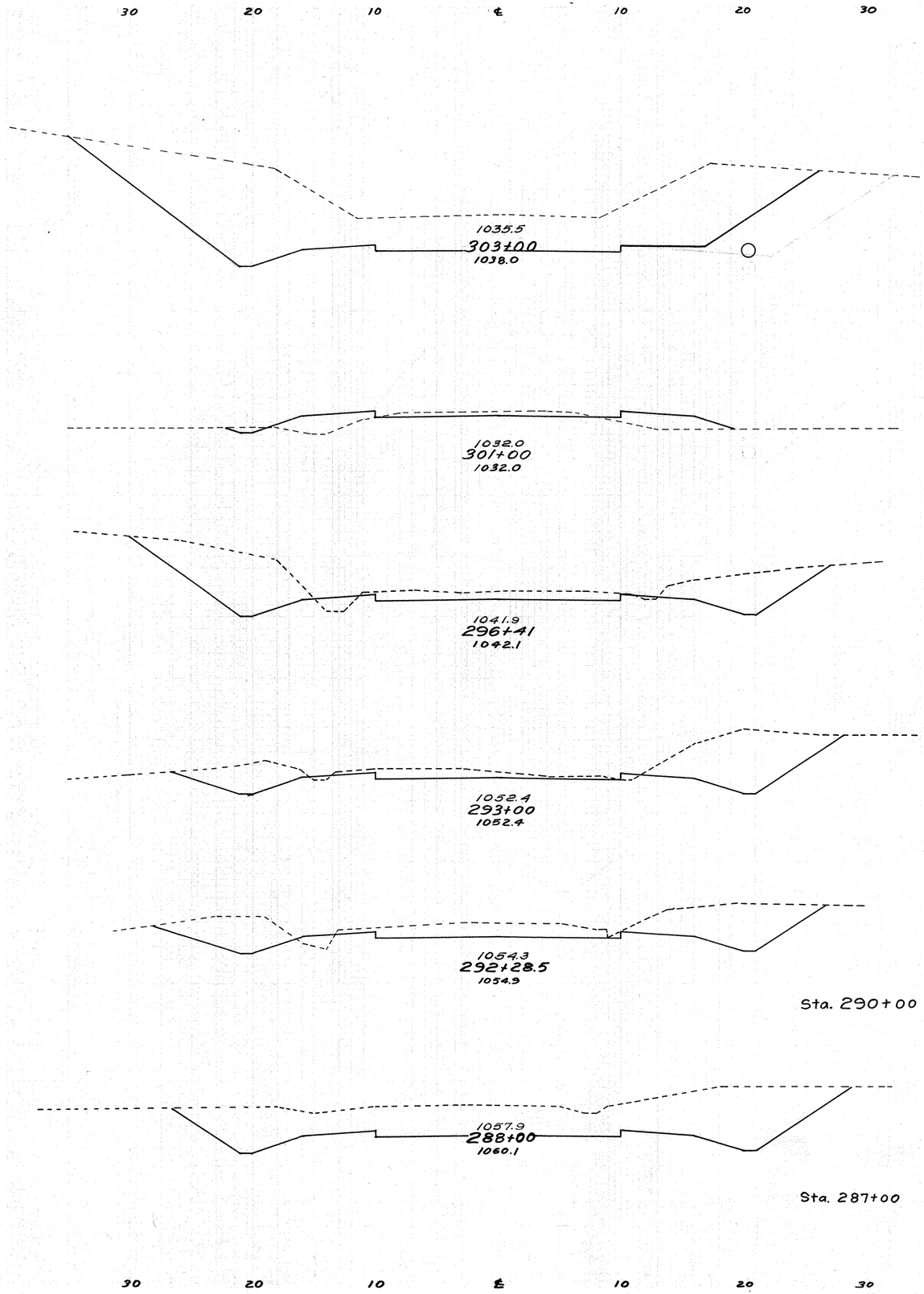




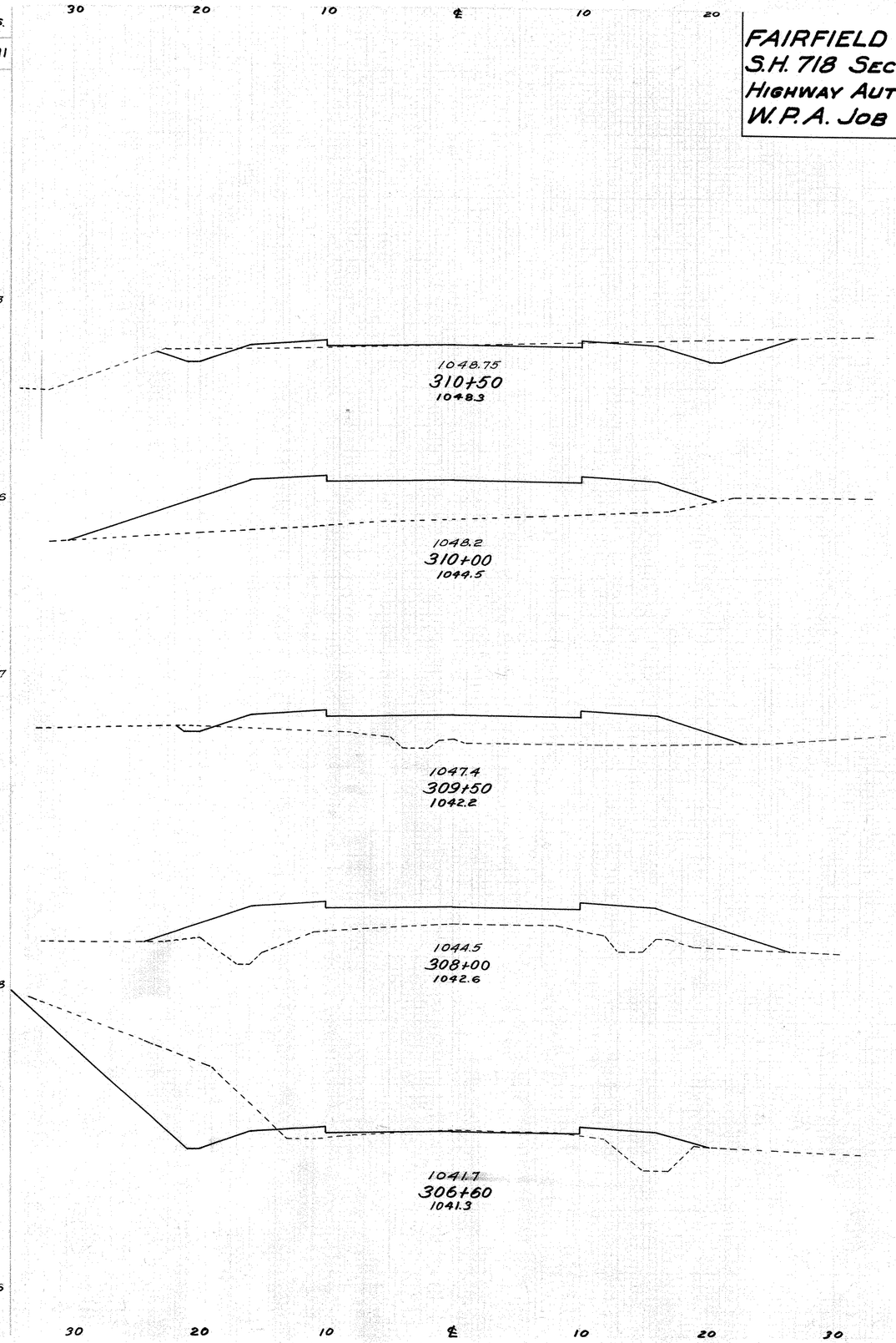
End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
30	2		
		119	248
2	65		
		100	120
52	0		
		174	4
42	2		
		58	22
37	1		
		274	319
0	42		
		471	248
80	0		
		239	9
115	7		
		20	76
0	50		
		71	78
49	4		
		640	39
50	2		
		982	30
21	2		
		122	13
45	5		
		210	18

Sta 258+43 - 285+00

FAIRFIELD COUNTY 27
S.H. 718 SEC. A&B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104



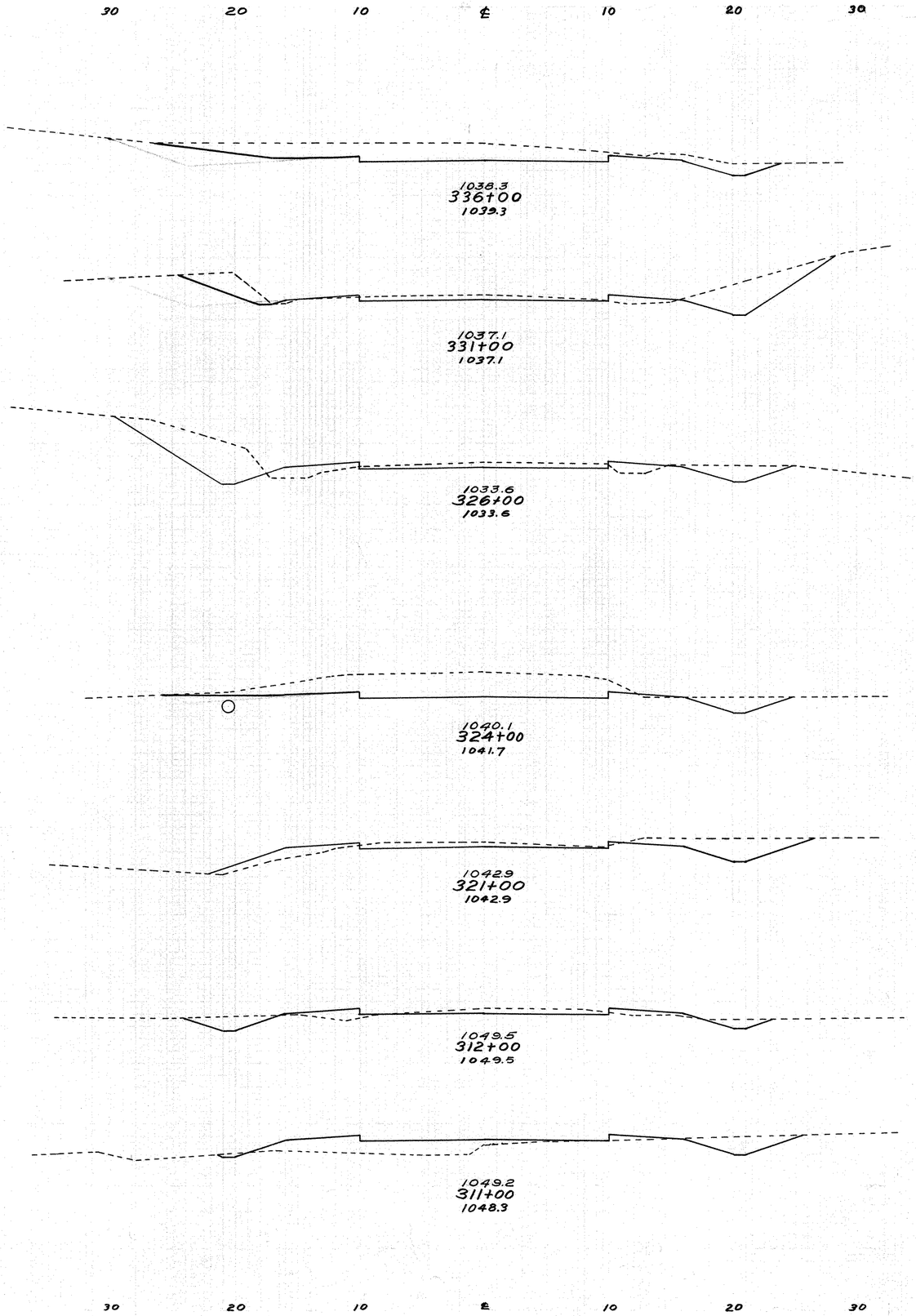
End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
245	0		
		911	63
1	17		
		648	96
75	4		
		952	37
76	2		
		202	5
80	2		
		341	48
0	0		
		574	0
155	0		
		287	0
0	0		
		56	26



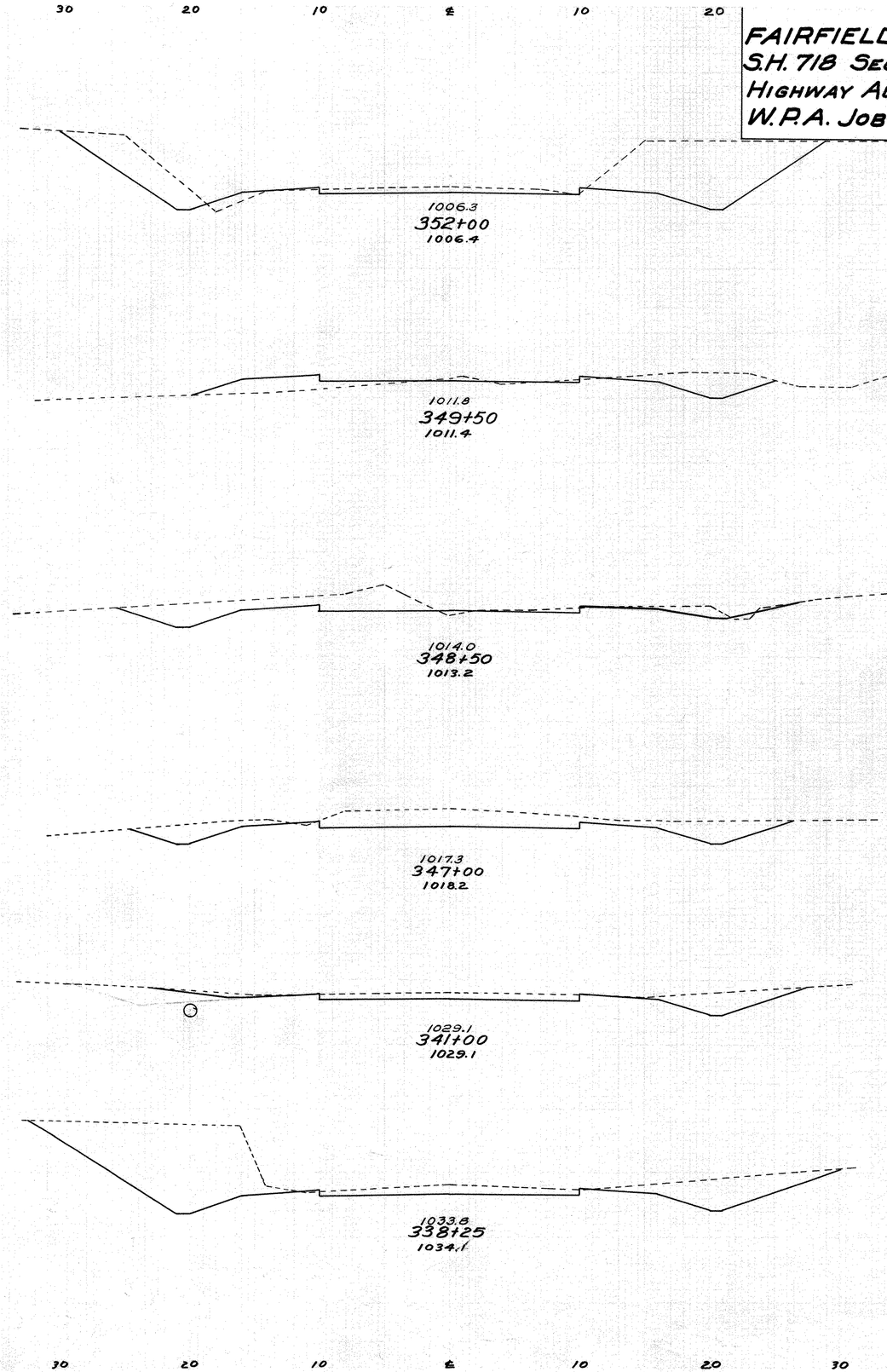
End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
17	3		
		15	130
0	137		
		1	193
1	70		
		3	608
0	120		
		207	363
80	20		
		2614	133

Sta 288+00-310+50

FAIRFIELD COUNTY 28
S.H. 718 SEC. A&B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104



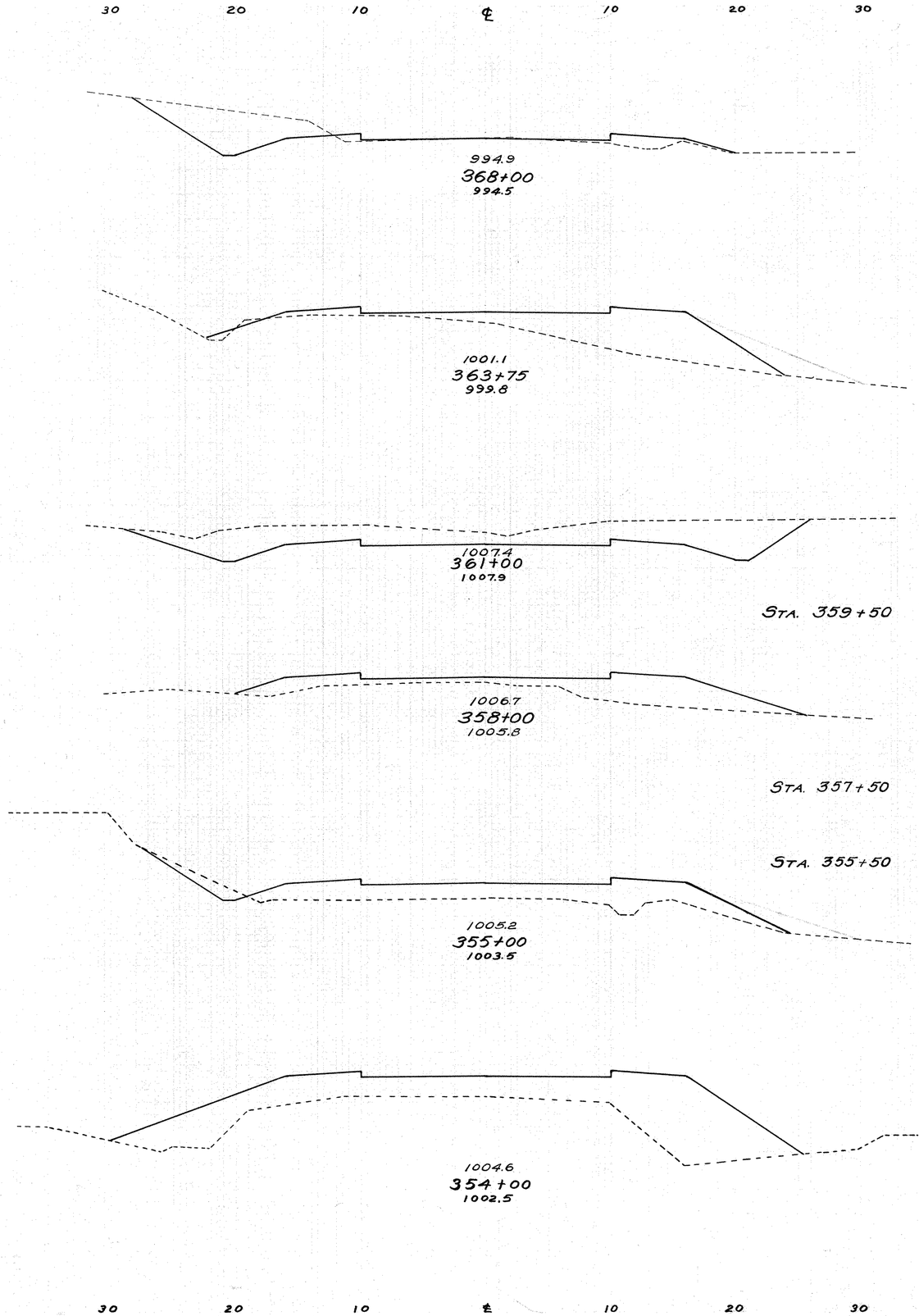
End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
72	0		
		926	46
28	5		
		574	139
34	10		
		337	41
57	1		
		411	44
17	7		
		417	217
8	6		
		33	52
10	22		
		24	24



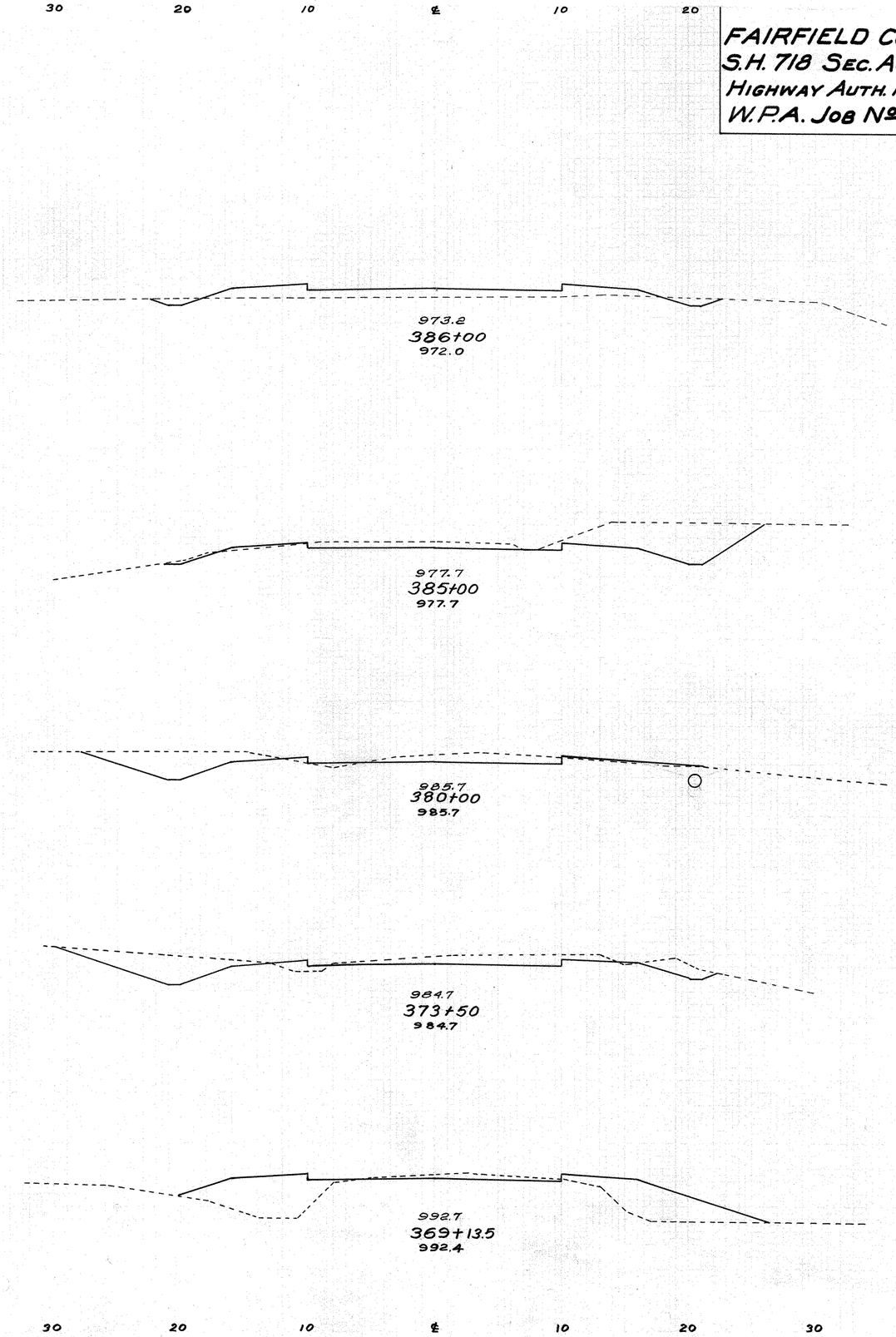
End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
82	2		
		264	42
13	13		
		76	28
28	2		
		206	9
46	1		
		667	11
14	0		
		597	0
103	0		
		729	0

Sta. 311+00-352+00

FAIRFIELD COUNTY 29
S.H. 718 SEC. A & B (PT) 31
HIGHWAY AUTH. Nº 5-23-1
W.P.A. JOB Nº 23-104



End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
28	6		
		229	574
1	67		
		437	341
85	0		
		78	0
0	0		
		0	278
0	50		
0	46		
0	0		
0	0		
4	54		
5	58		
9	381		
0	148		
304	556		



End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
4	24		
		72	46
35	1		
		463	37
		463	37
15	3		
		611	72
36	3		
		295	432
0	50		
		57	114

30 20 10 ℄ 10 20 30

Sta. 354+00 – 386+00