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PER. ROAD DIST. NO.	STATE	N.R.H. SHEET NO.	TOTAL SHEETS
4	WISC. 431C	1	60
		DIVISION JOB NO.	7894 & 7943

STATE OF WISCONSIN  
**WISCONSIN HIGHWAY COMMISSION**

**PLAN AND PROFILE OF PROPOSED  
 MERRILL-WOODRUFF ROAD.  
 TOMAHAWK-CASSIAN ROAD.**

**LINCOLN COUNTY**

**NATIONAL RECOVERY MUNICIPAL & HIGHWAY PROJECT**

**N.R.M. 431C**

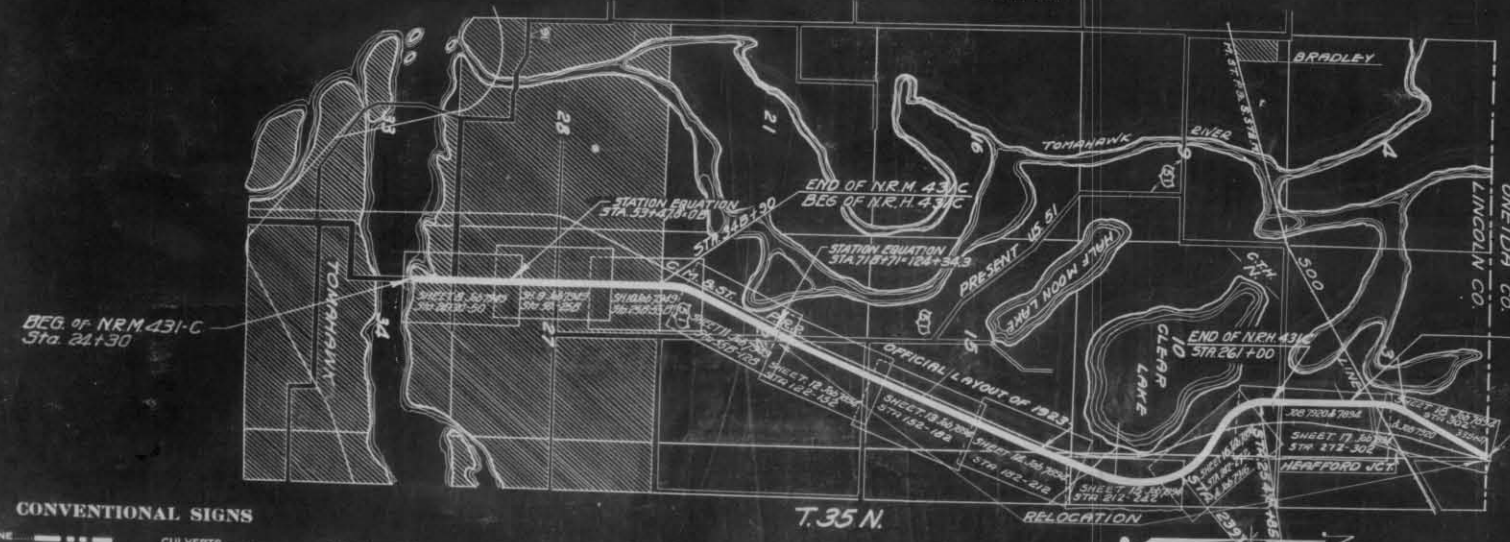
BEGINNING 1120' SOUTH OF THE N.E. CORNER OF GOVT. LOT #1 SEC. 34 T.35N. R.6E. THENCE NORTHERLY 1213 MI. TO THE NORTH CORPORATE LIMITS OF TOMAHAWK AT STA 34B+90.

**N.R.H. 431C**

BEGINNING AT THE NORTH CITY LIMITS OF TOMAHAWK AT STA 34B+90 THENCE NORTHERLY 3,285 MI. TO A POINT 400' SOUTH OF THE JUNCTION WITH COUNTY TRUNK 'N' ON THE NORTH LINE OF SEC. 10-T.35N-R.6E.

BEG. 1120 FT. SOUTH OF THE N.E. COR. OF GOVT. LOT 1-SEC. 34 T.35N. R.6E. AND EXTENDING IN A NORTHERLY DIRECTION 5.735 MILES TO ONEIDA CO. LINE 1714 FT. WEST OF N.E. COR. OF SEC. 3 T.35N. R.6E.

PLAN 1 IN. = 100 FT.  
 PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.  
 CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



BEG. of N.R.M. 431-C  
Sta. 24+30

WEST HEAFFORD JUNCTION UNDERPASS JOB NO. 7920 STA 280X+50 TO 293X+100

STA 335+07 END

**CONVENTIONAL SIGNS**

STATE AND NATIONAL LINE	CULVERTS
COUNTY LINE	DROP INLET
CITY, VILLAGE, OR TOWN	TROLLEY POLE
TOWNSHIP LINE	POWER POLE
SECTION LINE	TELEPHONE OR TELEGRAPH POLES
FENCE LINE	MAIL BOX
GUARD RAIL	REFERENCE STAKES
UNFENCED PROPERTY	MARSH
RIGHT OF WAY LINE	HEDGE
TRAVELED WAY	TREES
RAILROADS	GROUND ELEVATION
RETAINING WALL	GRADE ELEVATION
LEVEE	MASS DIAGRAM
BASE ON SURVEY LINE	

**SOUTH HEAFFORD JUNCTION OVERHEAD. PROJECT NO. 7916.**

LAYOUT SCALE 1 MI.

TOTAL NET LENGTH OF CENTERLINE	5.733 MI
N.R.M. 431C	1.213 MI
N.R.H. 431C	3.285 MI

WISCONSIN HIGHWAY COMMISSION  
 MADISON, WIS.  
 Surveyor L. W. BARTSCH, Photo Book 6615-20, 4688  
 Bk. Computer BOYCE, 66528, B. Checkin  
 Bk. Checkin L.R.G. A.L.G. District  
 CORRECT: 7/28/22  
 RECOMMENDED FOR APPROVAL:  
 Attest: *Frank Brown*  
 COUNTY ENGINEER  
 APPROVED: *M. W. Corahen*  
 DATE: 8/26/22  
 STATE HIGHWAY ENGINEER

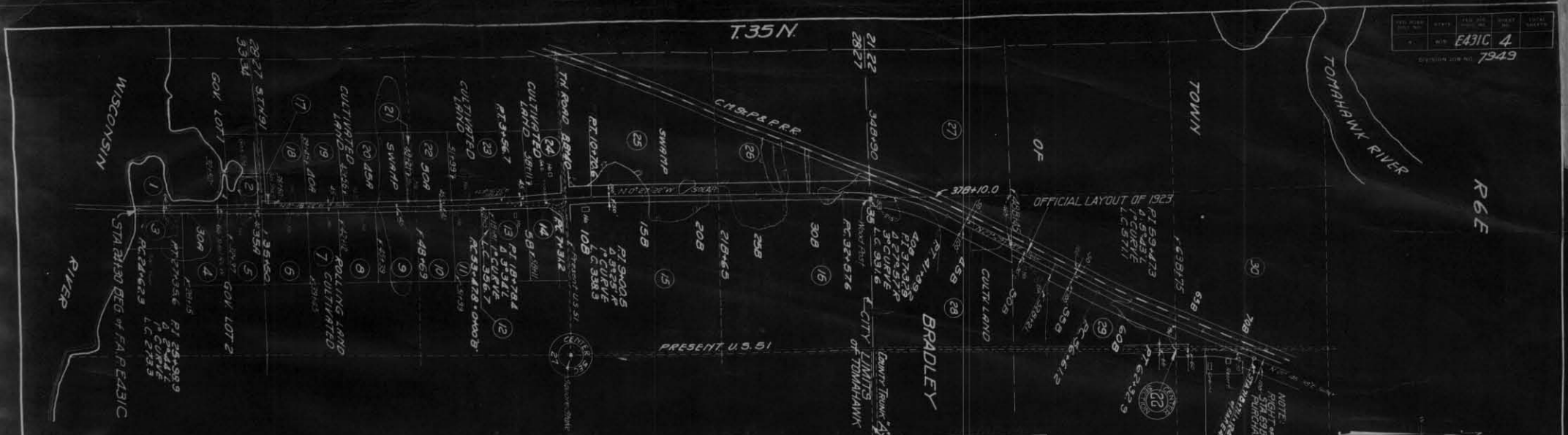
**PAVING PLANS**

RECOMMENDED FOR APPROVAL:  
*W. H. Hambrick*  
 CONSTRUCTION ENGINEER - PLANT ENGINEER  
 APPROVED:  
 DATE: 7/17/23  
 STATE HIGHWAY ENGINEER

U.S. DEPARTMENT OF AGRICULTURE  
 BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL:  
 DISTRICT ENGINEER  
 CHIEF ENGINEER  
 APPROVED:  
 DIRECTOR  
 DATE:

431-C



NO.	OWNER	ADDRESS	ACRES	DESCRIPTION	MORTGAGEE	ADDRESS	REMARKS
2	FRANK SAWDY		0.00	NE COR GOVT LOT 1 SEC 34 T35N R66	BRADLEY BANK		
3	M. L. FITZGERALD		0.00	S Pt W 1/2 W 1/2 GOVT LOT 2	"		TOMAHAWK BLDG & LOAN ASSN
4	EMILIE KLEHN		0.00	Mid Pt W 1/2 GOVT LOT 2	"		"
5	EMILIE KLEHN		0.10	N Pt W 1/2	"		"
6	HENRY DU BOIS		0.19	S Pt W 1/2 SEC 27	"		TOMAHAWK BLDG & LOAN ASSN
7	FA BYINGTON		0.12	N Pt S 1/2 W 1/2 SEC 27	"		"
8	FRED WISSING		0.13	S 1/4 NW 1/4 SEC 27	"		"
9	TOMAHAWK LAND CO		0.12	N 1/4 NW 1/4 SEC 27	"		"
10	W. I. MacFARLANE		0.11	S 1/4 NE 1/4 SEC 27	"		"
11	E. W. MacDONALD		0.07	N 264 Ft. of S 334 Ft. W 1/2 of NE 1/4 SEC 27	"		"
12	HELEN B CUTTER		0.01	N 66 Ft. SW 1/4 SEC 27	"		"
13	ROBERT L WALTHERS		0.01	S 1/4 NE 1/4 SEC 27	"		D. C. JONES, H. A. JOHNSON & W. I. MacFARLANE
14	D. C. JONES, H. A. JOHNSON & W. I. MacFARLANE		0.00	N 1/4 NE 1/4 SEC 27	"		"
15	C. A. SEIDLE		0.00	SE 1/4 NW 1/4 SEC 27	"		MAGGIE B. SCOTT
16	C. A. SEIDLE		0.00	NE 1/4 NW 1/4	"		MAGGIE B. SCOTT
17	HENRY JACK		0.19	SE COR SW 1/4 SEC 27	"		AUGUST & ELIZA KRUEGER
18	AUGUST & KRUEGER & ELIZA E. KRUEGER		0.02	S Pt E 1/4 SW 1/4	"		"
19	VICTOR SAMUEL		0.03	Mid Pt E 1/4 SW 1/4 SEC 27	"		"
20	CHRIS FRIEDRICKSON		0.09	N Pt E 1/4 SW 1/4	"		"
21	MYRON & JESSE WELTY		0.01	N 46 Ft. E 1/4 SW 1/4	"		"
22	MYRON IRVIN WELTY & JESSE WELTY		0.08	S 1/4 E 1/4 NW 1/4 SEC 27	"		"
23	OSCAR SUTHERLAND		0.30	Mid Pt NW 1/4 SEC 27	"		TOMAHAWK BLDG & LOAN ASSN
24	RALPH BAUMGARTNER		0.36	E 1/4 NE 1/4 SEC 27	"		KELLOG BROS LUMBER CO
25	WILLIAM F. EHMAN ET AL.		4.45	SW 1/4 NW 1/4 SEC 27	"		BRADLEY BANK
26	WILLIAM F. EHMAN ET AL.		4.57	NW 1/4 NW 1/4	"		BRADLEY BANK
27	MILWAUKEE LAND CO.		0.92	SW 1/4 SW 1/4 SEC 22	"		"
28	C. A. SEIDLE		4.13	SE 1/4 SW 1/4 SEC 22	"		MAGGIE B. SCOTT
29	ADDIE HOTCHKISS		4.84	NE 1/4 SW 1/4 SEC 22	"		"
30	GREENWOOD CEMETERY		1.57	SE 1/4 NW 1/4 SEC 22	"		"
TOTAL			22.33	Acres			

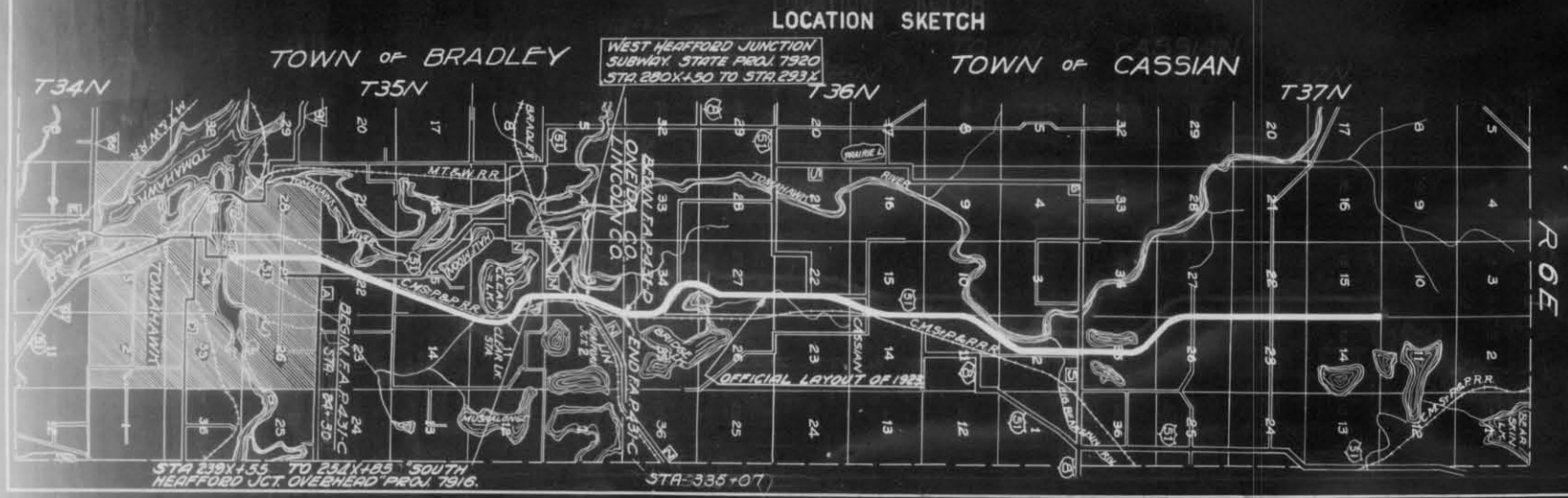


PLAT OF RIGHT OF WAY REQUIRED  
FED. AID PROJECT NO. E431C  
TOMAHAWK - CASSIAN ROAD  
U.S.H. NO. 51 LINCOLN COUNTY  
SCALE = 400 FT.

Computed by M.B.B.  
Checked by A.L.B.

NO	OWNER	ADDRESS	ACRES	DESCRIPTION	MORTGAGEE	ADDRESS	AMOUNTS PAID		REMARKS
							R	WIFENCE	
1	ELZEOR AND ADLINE MYRE		0.24	SW 1/4 - NE 1/4 SEC 22 T 35 N R 6 E - (A PART OF)					
2	MARY TRIMBERGER	TOMAHAWK, WIS.	2.69	SW 1/4 - " " " " " "					
3	" " " "	" " " "	4.85	NW 1/4 - " " " " " "					
4	BEULAH HULTS	" " " "	4.43	SW 1/4 - SE 1/4 " " 15	BANK OF TOMAHAWK	TOMAHAWK, WIS.			
5	ROY B. AND HELEN LEWERENZ	" " " "	0.03	NW 1/4 - " " " " " "	TECKLA AND NAFFZ	SAUK CITY, "			
6	" " " "	" " " "	0.53	SE 1/4 - " " " " " "	" " " "	" " " "			
7	" " " "	" " " "	0.00	NE 1/4 - " " " " " "	" " " "	" " " "			
8	W. C. BOSCHE	" " " "	4.90	NE 1/4 - " " " " " "	" " " "	" " " "			
9	PETER SCHOONE	" " " "	4.91	SE 1/4 - NE 1/4 " " " " " "	" " " "	" " " "			
10	BOYD SHOWERS	" " " "	2.42	NE 1/4 - " " " " " "	E. M. MAC DONALD	TOMAHAWK, WIS.			
11	FRANK THEILER	" " " "	7.28	NW 1/4 - NW 1/4 " " 14	" " " "	" " " "			
12	" " " "	" " " "	6.46	SW 1/4 - SW 1/4 " " 11	" " " "	" " " "			
13	JULIA S. FIELD	" " " "	6.41	NW 1/4 - " " " " " "	MARGARET M. BOWELL	MERRILL,			
14	F. L. SLATER	" " " "	4.36	SW 1/4 - NW 1/4 " " " " " "	HARDY-RYAN ABS. CO.	WAUKESHA,			
15	CAROLINE SHOWER	" " " "	7.58	ALL GOVT LOT 4, E OF C. M. ST. P. & P. RY.	HERBERT KAMKE	MERRILL,			
16	E. G. AND HELENE HOLLOWAY	CHICAGO, ILL.	2.21	NORTHERNMOST PARCEL OF GOVT LOT 4 W OF C. M. ST. P. & P. RY.	" " " "	" " " "			
17	CLARA SLATER	TOMAHAWK, WIS.	4.85	NE 1/4 - NE 1/4 SEC 10 T 35 N R 6 E	FEDERAL LAND BANK	ST. PAUL, MINN.			
18	EDWIN AND HELENE HOLLOWAY	CHICAGO, ILL.	1.61	NW 1/4 - " " " " " "	(N.E. CORNER OF)	" " " "			
19	CLARA SLATER	TOMAHAWK, WIS.	2.03	SE 1/4 - SE 1/4 " " 3	FEDERAL LAND BANK	ST. PAUL,			
20	" " " "	" " " "	1.98	SW 1/4 - " " " " " "	" " " "	" " " "			
21	ANNA LEE THEISEN, ARTHUR & HAZEL KOEHLER	IOWA TOMAHAWK	2.24	NW 1/4 - " " " " " "	(1/2 INTEREST EACH)	" " " "			
22	SAME AS PARCEL 21	" " " "	2.20	NE 1/4 - " " " " " "	" " " "	" " " "			
23	" " " "	" " " "	4.73	SE 1/4 - NE 1/4 " " " " " "	" " " "	" " " "			
24	" " " "	" " " "	1.60	SW 1/4 - " " " " " "	" " " "	" " " "			
25	ERIC & HILDA OLSON; IRENE, JAMES, GORDON, AND MARVIN ROBINSON	" " " "	9.54	NE 1/4 - " " " " " "	BRADLEY BANK	TOMAHAWK, WIS.			

FED. ROAD DIST. NO. 4 STATE WIS. FED. AID PROJ. NO. 431-C SHEET NO. 5 TOTAL SHEETS 60  
DIVISION JOB NO. 7894



PLAT OF RIGHT OF WAY REQUIRED  
FED. AID PROJECT NO. 431-C  
TOMAHAWK - CASSIAN ROAD  
U.S.H. NO. 51      LINCOLN COUNTY  
SCALE  
0      1 MI.      2 MI.



FED. ROAD DIST. NO.	STAGE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WB	431-C	6	60

DIVISION JOB NO. 7894

PLAT OF RIGHT OF WAY REQUIRED  
 FED. AID PROJECT NO. 431-C  
 TOMAHAWK - CASSIAN ROAD  
 U.S.H.NO.51 LINCOLN COUNTY  
 SCALE = 100 FT.

STA 24+30 BEGINNING OF PROJ. NO. E.431C

REMOVE 24'X72' CG.S.M.P. IN PLACE STA.35+90 AND RESET AT:

STA.35+37 24'X24'CG.S.M.P.  
STA.37+39 24'X24' "  
STA.37+14 24'X24' "

PE. LT. 580 CY RIPRAP REQ'D.  
PE. LT. " " " " " "  
PE. RT. " " " " " "

ID. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	43K	8	60

DIVISION JOB NO. 7949

STA. 48+45 24'X24' C.G.S.M.P. CULV. REQ'D. PE. LT. 580 CY RIPRAP REQ'D.

STA.22+05 CONC. DECK GIRDER BRIDGE, ERECTED 1922. 6-75' SPANS. 20' ROADWAY IN PLACE.

STA.29+20 24'X24' CG.S.M.P. CULV. REQ'D. TR. RT. 580 CY RIPRAP REQ'D.  
STA.24+60 25'X70' SPECIAL DITCH REQ'D. 0.2% GRADE 10CY

STA.32+39 24'X22' CG.S.M.P. CULV. REQ'D. PE. RT. 580 CY RIPRAP REQ'D.

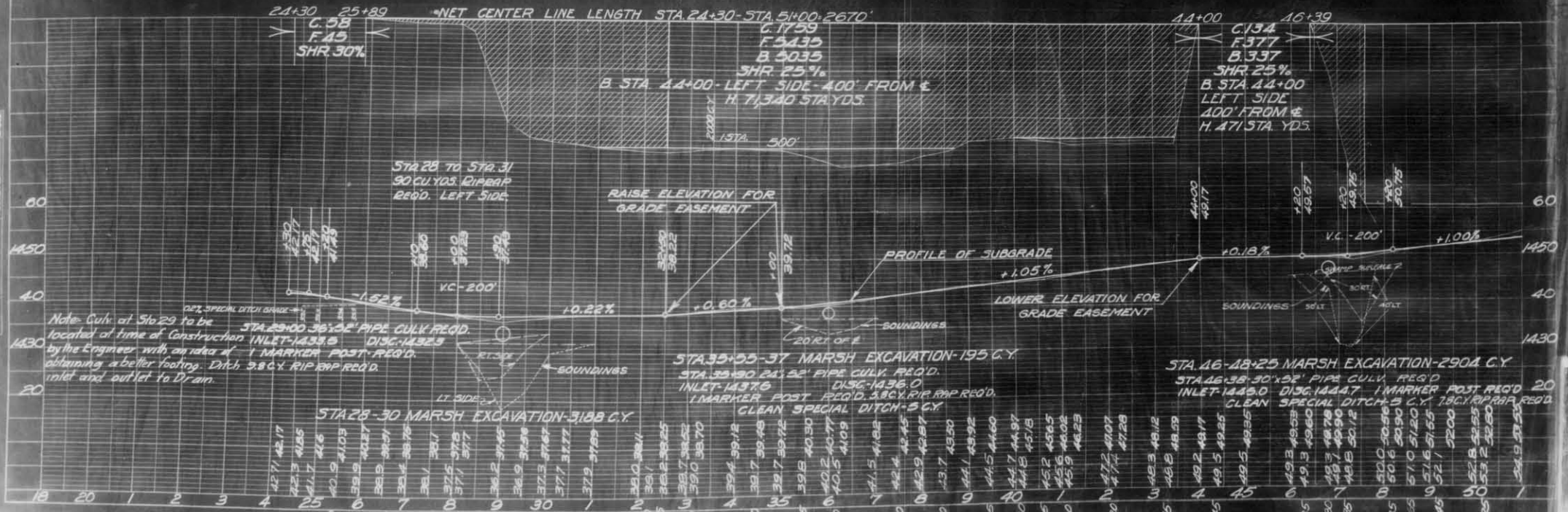
STA.46+38 TWO 24'X38 CG.S.M.P. IN PLACE - REMOVE

AND RESET AT:

STA. 40+26 24'X18' CG.S.M.P.  
STA. 40+70 24'X20' "  
STA. 43+86 24'X20' "  
STA. 43+96 24'X18' "

PE. LT. 580 CY RIPRAP REQ'D.  
PE. RT. " " " " " "  
PE. RT. " " " " " "  
PE. LT. " " " " " "

STATION	DESCRIPTION	ELEV.
27+50	RR SPIKE IN 1/2" WHITE PINE 60' L	1435.43
36+25	X ON S END OF WADHAM'S PLATTM	1440.59
46+85	RR SPIKE IN 10' BIRCH 100' R	1443.20



Note: Cully at Sta 29 to be located at time of Construction by the Engineer with an idea of obtaining a better footing. Ditch, 380 CY RIPRAP REQ'D. inlet and outlet to Drain.

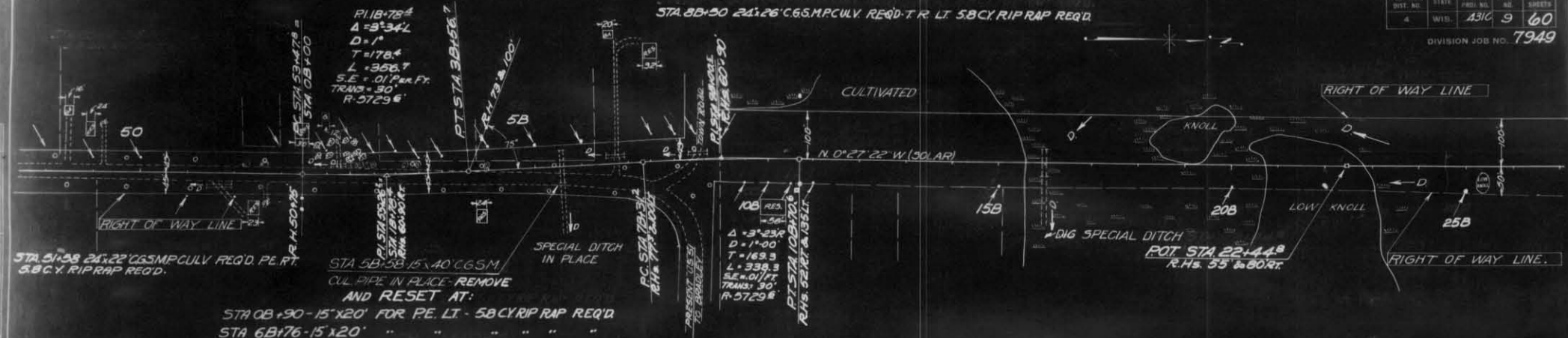
STA.35+55-37 MARSH EXCAVATION-195 C.Y.  
STA.35+30 24'X32' PIPE CULV. REQ'D. INLET-1437.6 DISC-1436.0  
MARKER POST REQ'D. 380 CY RIPRAP REQ'D.  
CLEAN SPECIAL DITCH-5 CY

STA.46-48+25 MARSH EXCAVATION-2904 C.Y.  
STA.46+38 30'X32' PIPE CULV. REQ'D. INLET-1445.0 DISC-1444.7  
MARKER POST REQ'D. 20 CLEAN SPECIAL DITCH-3 CY, 780 CY RIPRAP REQ'D.

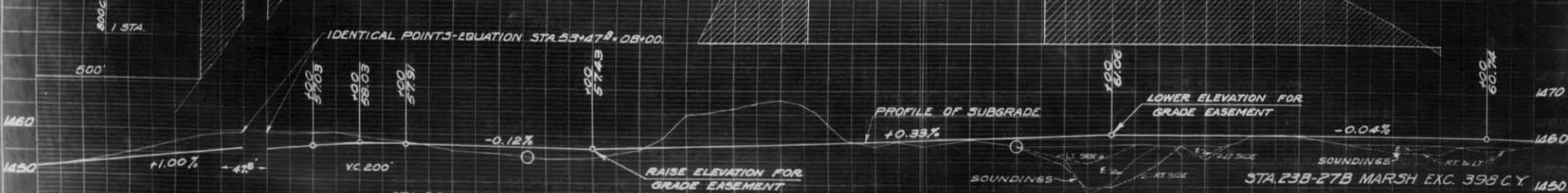
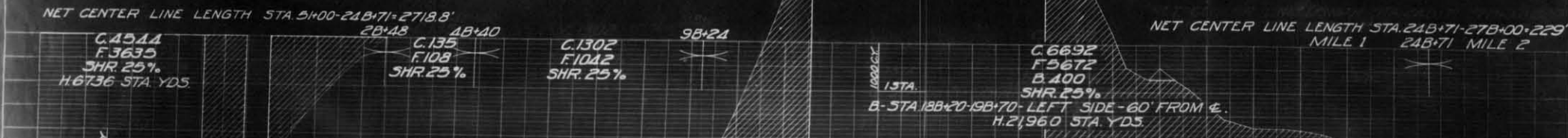
PLM  
DATE  
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PROFILE  
DATE  
SCALE  
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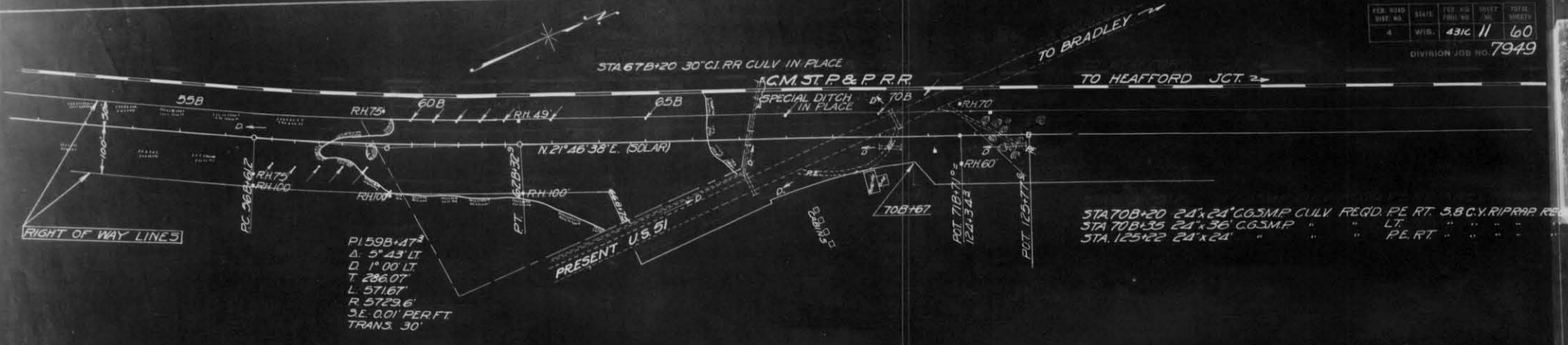
DIVISION JOB NO. 7949



STATION	DESCRIPTION	ELEV.
68+25	RR SPIKE IN 8' BIRCH 65' RT	1453.88
108+00	RR SPIKE IN 10' J. PINE 110' RT	1460.11
218+50	RR SPIKE IN 6' POPLAR 325' RT	1460.52



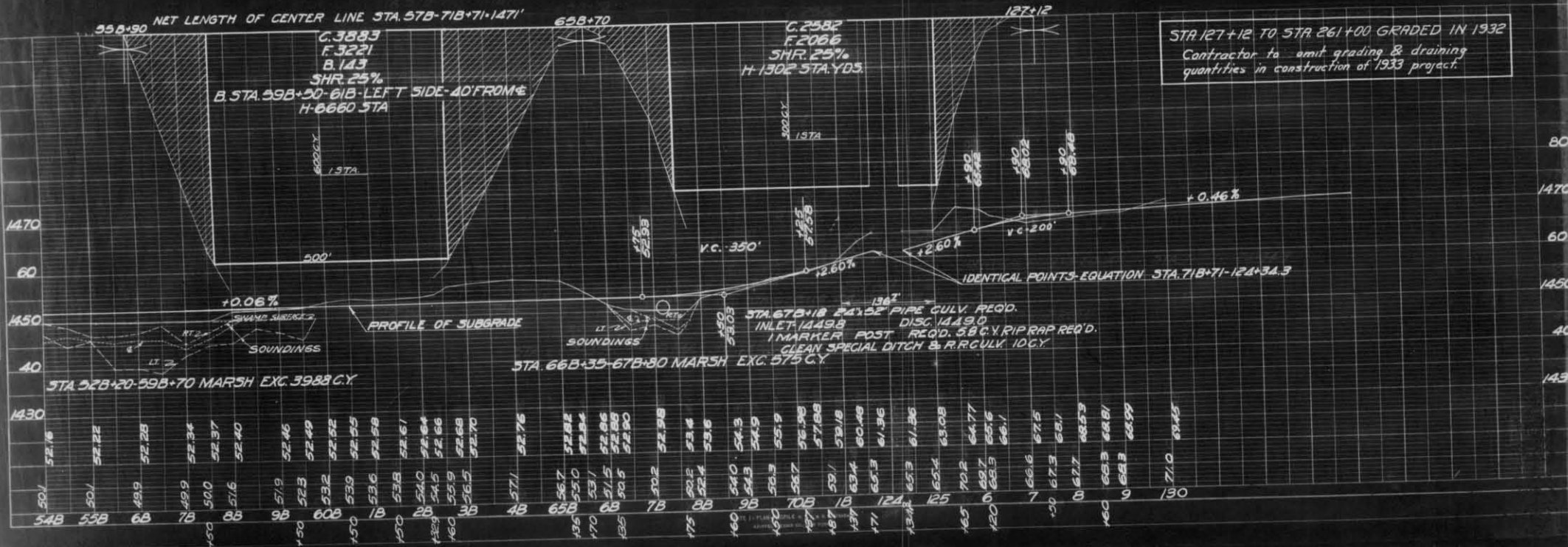
STATION	ELEVATION
49	51.6
50	51.21
51	52.8
52	53.2
53	53.80
54	54.8
55	55.2
56	55.10
57	55.55
58	55.03
59	56.03
60	56.53
61	57.03
62	57.48
63	57.98
64	57.91
65	57.84
66	57.79
67	57.67
68	57.55
69	57.43
70	57.59
71	57.76
72	57.92
73	58.09
74	58.25
75	58.42
76	58.59
77	58.75
78	58.95
79	59.00
80	59.08
81	59.20
82	59.41
83	59.56
84	59.74
85	60.07
86	60.40
87	60.75
88	61.05
89	61.03
90	61.02
91	61.01
92	61.00
93	60.98
94	60.97
95	60.94
96	60.91
97	60.90
98	60.88
99	60.86
100	60.82
101	60.78
102	60.76
103	60.74
104	60.54
105	60.40



STAT 0B+20 24"x24" C63MP CULV. REQD. PE RT. 5.8 C.Y. RIPRAP REQ.  
 STA 70B+35 24"x36" C63MP " " LT " " " "  
 STA 125+22 24"x24" " " PE RT. " " " "

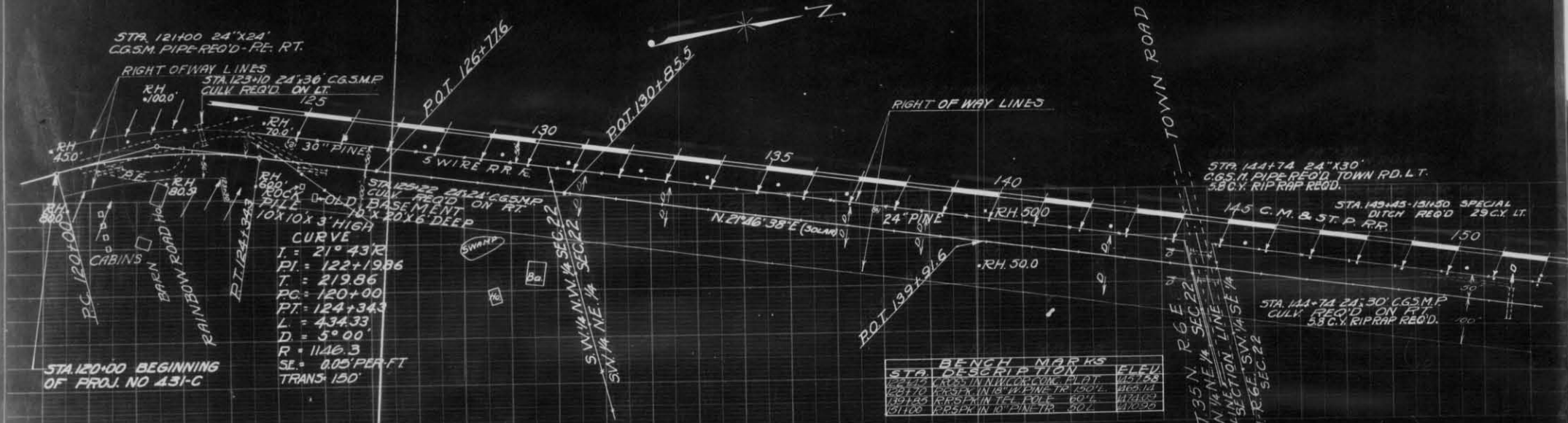
**BENCH MARKS**

STATION	DESCRIPTION	ELEV.
60B+50	RR SPIKE IN FOOT OF P. STUMP 200'R	1451.53
69B+60	X ON N.W. CORNER OF CONC. PLATF. ML.	1457.58

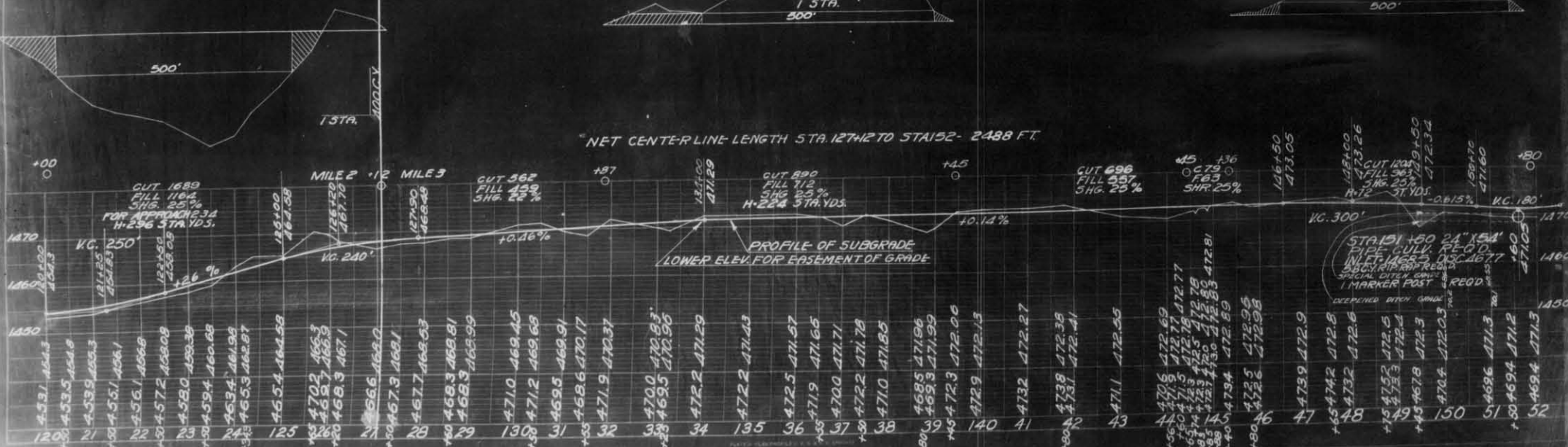


PLAN  
 DATE: 11/15/54  
 DRAWN BY: J.S. LEECH  
 CHECKED BY: H.C.O.  
 NO. 7949

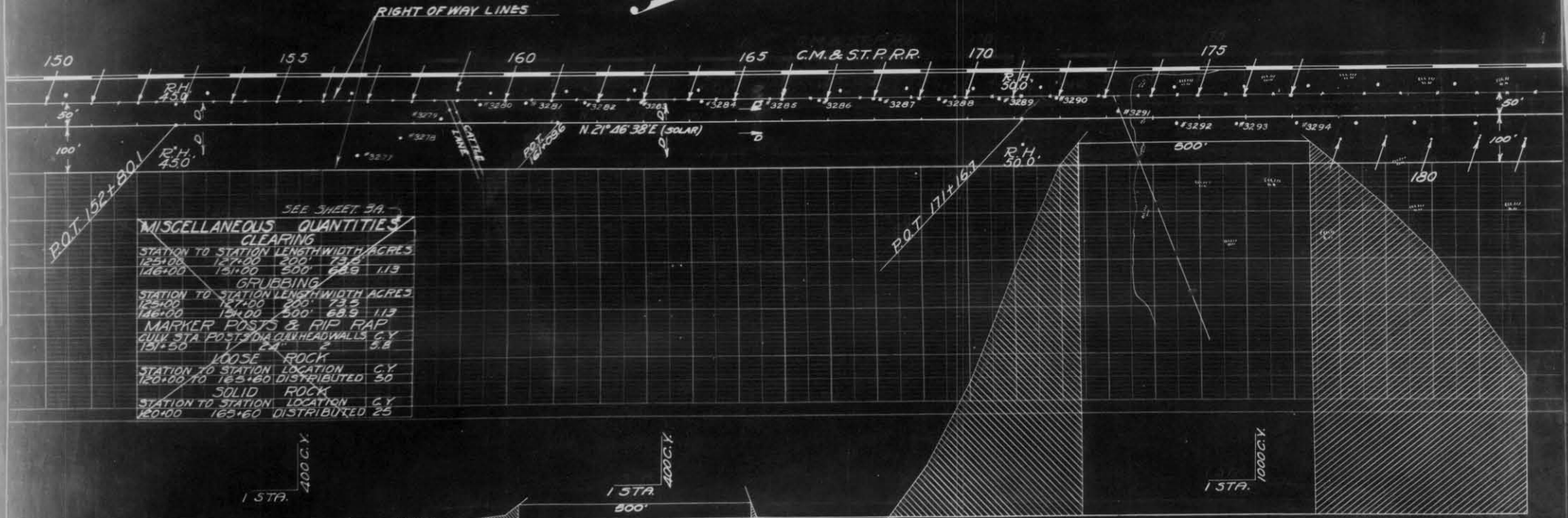
PROFILE  
 DATE: 11/15/54  
 DRAWN BY: J.S. LEECH  
 CHECKED BY: H.C.O.  
 NO. 7949



PLAN & PROFILE VOID TO STA 127+12  
 SEE SHEET 11  
 LENGTH STA 124+34.3 TO 127+12 = 277.7 FT







SEE SHEET 3A.

**MISCELLANEOUS QUANTITIES**

**CLEARING**

STATION TO STATION	LENGTH	WIDTH	ACRES
125+00	127+00	200'	73.5
146+00	151+00	500'	68.9

**GRUBBING**

STATION TO STATION	LENGTH	WIDTH	ACRES
125+00	127+00	200'	73.5
146+00	151+00	500'	68.9

**MARKER POSTS & RIP RAP**

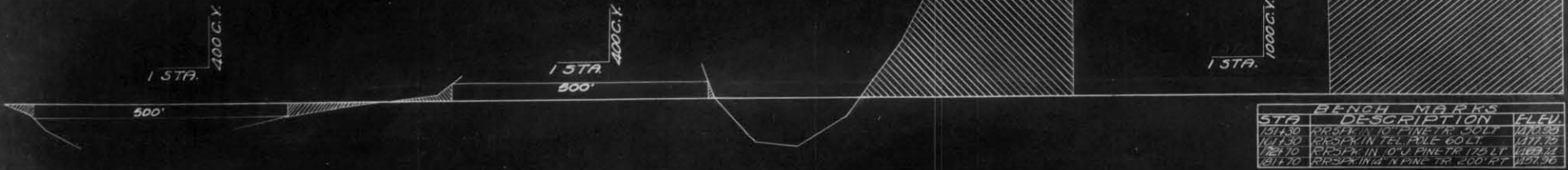
QUILT STA. POSTS ON CURB HEADWALLS C.Y. 5.8

**LOOSE ROCK**

STATION TO STATION	LOCATION	C.Y.
120+00 TO 163+60	DISTRIBUTED	50

**SOLID ROCK**

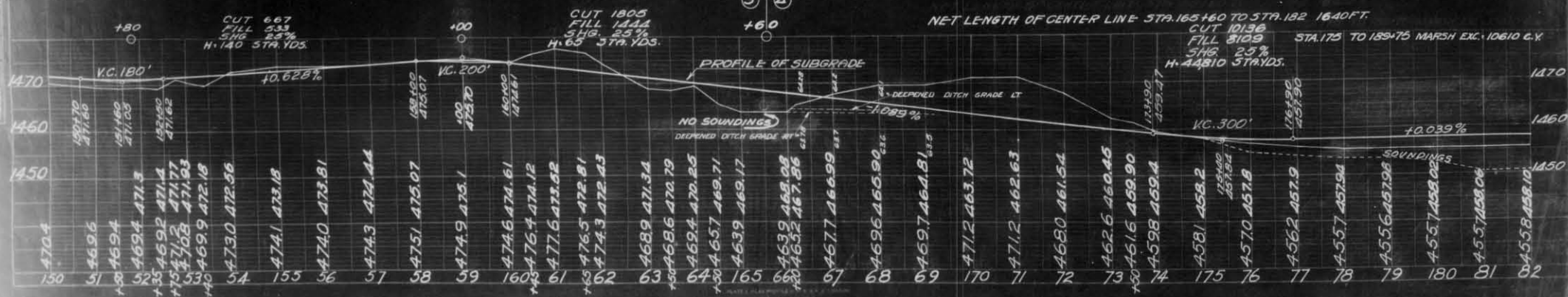
STATION TO STATION	LOCATION	C.Y.	
120+00	163+60	DISTRIBUTED	25



**BENCH MARKS**

STA.	DESCRIPTION	ELEV.
151+30	ROCK IN 10" PINE TR. 50 FT.	1470.35
151+30	ROCK IN TEL. POLE 60 FT.	1471.75
176+10	ROCK IN 10" PINE TR. 75 FT.	1468.14
181+70	ROCK IN 10" PINE TR. 200 FT.	1457.96

NET LENGTH OF CENTER LINE STA. 152 TO 165+60 1360 FT.



STATION	ELEVATION
130	470.4
31	469.6
38	469.4
32	469.4
35	469.2
36	471.4
37	471.7
38	471.8
39	471.93
40	469.9
41	472.18
42	473.0
43	472.56
44	474.1
45	473.18
46	473.61
47	474.44
48	475.07
49	475.1
50	474.6
51	474.61
52	474.12
53	477.6
54	475.2
55	476.5
56	472.81
57	474.3
58	472.43
59	468.9
60	471.34
61	468.6
62	472.79
63	469.4
64	470.25
65	465.7
66	469.71
67	463.9
68	469.17
69	467.7
70	466.99
71	469.9
72	466.90
73	464.8
74	471.2
75	463.72
76	471.2
77	462.63
78	468.0
79	461.54
80	462.6
81	460.45
82	451.5
83	459.90
84	459.8
85	459.4
86	458.1
87	458.2
88	457.8
89	457.0
90	457.8
91	456.2
92	467.9
93	457.94
94	455.7
95	457.94
96	455.6
97	457.98
98	455.8
99	457.06
100	455.8
101	458.10



1/2" = 100 FT.  
 1/4" = 50 FT.  
 1/8" = 25 FT.  
 1/16" = 12.5 FT.

1/2" = 100 FT.  
 1/4" = 50 FT.  
 1/8" = 25 FT.  
 1/16" = 12.5 FT.

180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212
455.7	455.7	455.8	455.9	456.1	456.0	455.8	456.1	456.0	457.4	460.5	462.1	462.3	463.0	463.7	458.3	456.2	456.1	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2
158.06	158.06	158.10	158.13	158.17	158.21	158.25	158.29	158.33	158.37	158.40	158.44	158.48	158.52	158.56	158.60	158.64	158.68	158.72	158.76	158.80	158.84	158.88	158.92	158.96	159.00	159.04	159.08	159.12	159.16	159.20	159.24	159.28