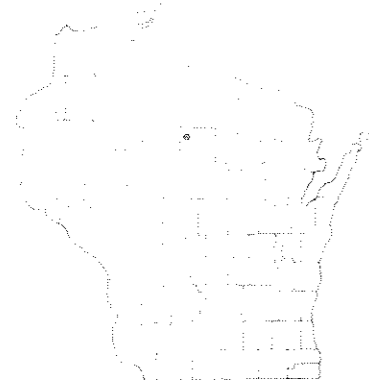


INDEX OF SHEETS

- SHEET NO. 1 T.T.F.
- SHEET NO. 2 TYPICAL CROSS SECTIONS
- SHEET NO. 3 ESTIMATE OF QUANTITIES
- SHEET NO. 3A MISCELLANEOUS QUANTITIES
- SHEET NO. 4 RIGHT OF WAY PLAT
- SHEET NO. 5-6 PLAN AND PROFILE STA. 0+00 TO STA. 48+00
- SHEET NO. 7-13 STANDARD DETAILS
- SHEET NO. 14-16 DRAINAGE STRUCTURES
- SHEET NO. 17-33 CROSS SECTIONS



STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	SHEET NO.	TOT. SHEETS
4	WIS.	S-139 (3)	1	33

DIVISION JOB NO. 7219

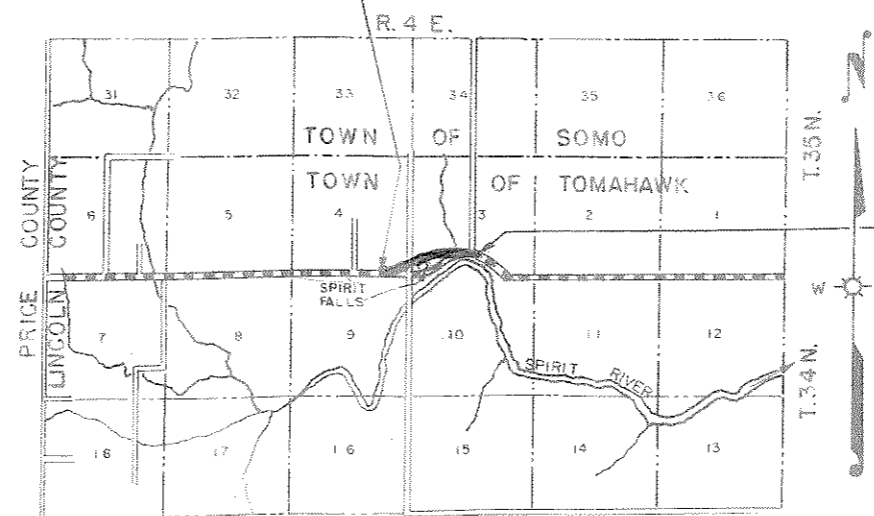
PLAN AND PROFILE OF PROPOSED
OGEMA - TOMAHAWK ROAD.
SPIRIT FALLS - TOMAHAWK ROAD.
LINCOLN COUNTY.

FEDERAL AID SECONDARY PROJECT S-139(3)

BEGINNING 1320.0 FT. WEST OF THE S.E. COR. SEC. 4 T.34N. R.4E.
AND EXTENDING EASTERLY 4800.0 FT. TO A POINT 430.0 FT.
EAST AND 730.0 FT. NORTH OF THE SO. 1/4 COR. SEC. 3 T.34N. R.4E.

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.

STA. 0+00 BEG. F.A.S. PROJ. NO. S-139 (3)



STA. 48+00 END F.A.S. PROJ. NO. S-139(3)

CONVENTIONAL SIGNS

<p>STATE LINE</p> <p>COUNTY LINE</p> <p>TOWNSHIP OR RANGE LINE</p> <p>SECTION LINE</p> <p>NEW RIGHT OF WAY LINE</p> <p>PRESENT RIGHT OF WAY LINE</p> <p>WIRE FENCE { WOVEN BARBED</p> <p>LOT LINE</p> <p>CORPORATE OR CITY LIMITS</p> <p>PROPERTY LINE</p> <p>TRAVELED WAY OR P.E.</p> <p>RAILROADS</p> <p>BASE OR SURVEY LINE</p>	<p>CULVERTS IN PLACE</p> <p>CULVERTS REQUIRED</p> <p>DROP INLET</p> <p>POWER POLE</p> <p>TELEPHONE OR TELEGRAPH POLE</p> <p>RIGHT OF WAY MARKERS</p> <p>REFERENCE STAKE FOR HUBS ONLY</p> <p>MARSH</p> <p>HEDGE</p> <p>TREES</p> <p>GROUND ELEVATION</p> <p>DATUM LINE 72.9</p> <p>GRADE ELEVATION</p> <p>DATUM LINE 75.16</p>
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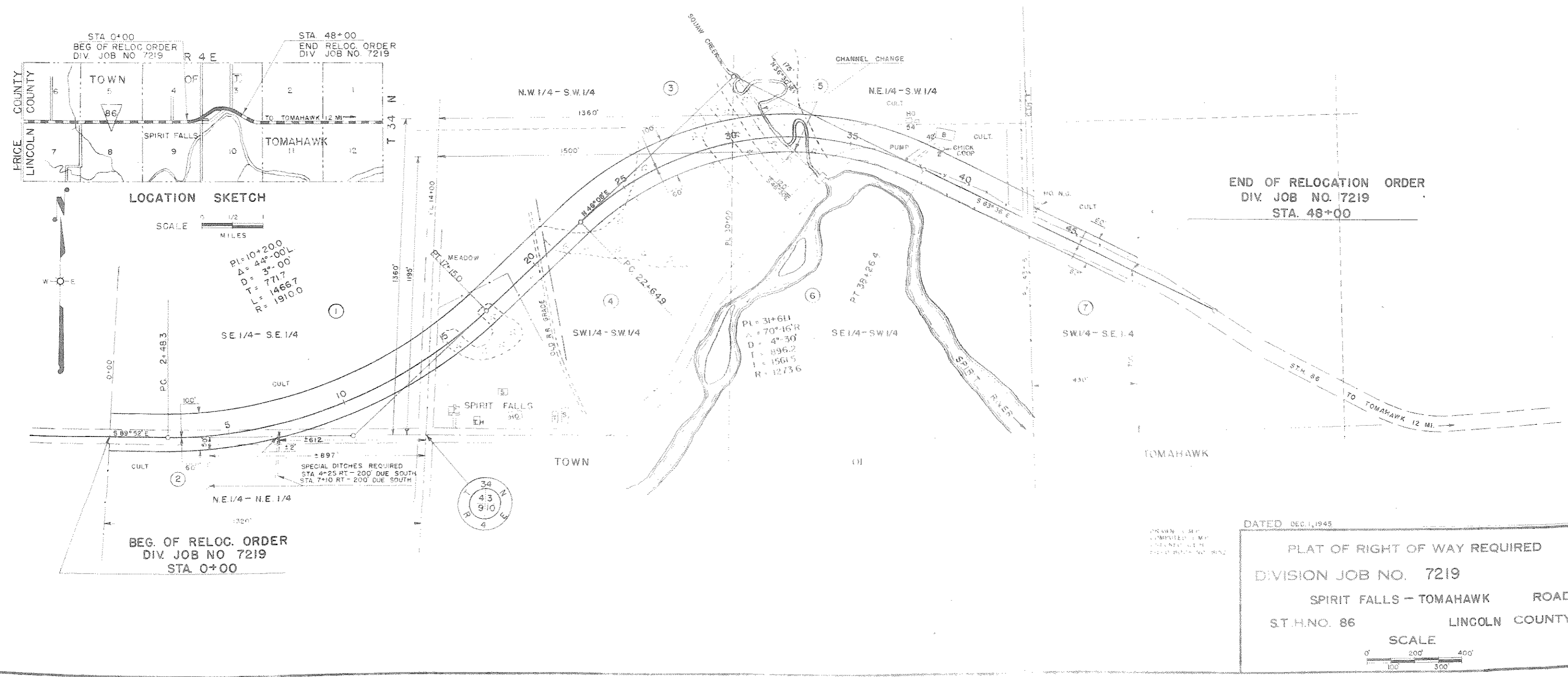
LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.909 MI.

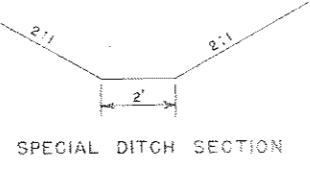
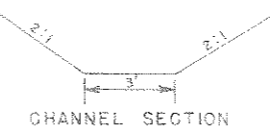
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.	FEDERAL WORKS AGENCY PUBLIC ROADS ADMINISTRATION
SURVEYOR J.M. PETERS, NOTE BOOK B149 8152 DIVISION COMPTROLLER J.B.K. & S. CHECKER DIVISION CHECKER R.R. L.M.P. CORRECT	RECOMMENDED FOR APPROVAL DATE
CORRECT DATE 7/10/46 S.E. Kozarski DIVISION ENGINEER	DISTRICT ENGINEER PUBLIC WORKS ADMINISTRATION FEDERAL WORKS AGENCY
DESIGN ENGINEER APPROVED E.L. Rustigan STATE HIGHWAY ENGINEER	APPROVED DATE
FIELD INVESTIGATED BY J.A. NICOLAY H. WINAT L.M. PETERS	12 7 45

PAR. NO.	OWNER	ADDRESS	MORTGAGEE	ADDRESS	DESCRIPTION	ACRES REQUIRED					PAR. NO.
						MARSH	IMPROVED	UNIMPROVED	TOTAL	INTERESTS REQUIRED	
1	MATT NICK	TOMAHAWK, WIS.	NONE		SE 1/4, SE 1/4, SECT 4, T.34N, R.4E.		2.87	0.88	3.75		1
2	WILLIE RADTKE & ALBERT RADTKE		"		NE 1/4, NE 1/4, SECT 9, " "			0.29	0.29	INC. OR DITCH ESMT.	2
3	BONNIE A. SUTTNER & MORRIS SUTTNER	TOMAHAWK, WIS.	"		NW 1/4, SW 1/4, SECT 3, " "	0.03		0.03	0.06		3
4	"	"	"		SW 1/4, SW 1/4, SECT 3, " "	1.28	1.60	3.00	5.88		4
5	ALFONSE WITT & ANNETTE WITT		NONE		NE 1/4, SW 1/4, SECT 3, T.34N, R.4E.	0.16	0.32		0.48	INC. CHANN. CH. ESMT.	5
6	"	"	"		SE 1/4, SW 1/4, SECT 3, " "	1.00	1.95		2.95	INC. CHANN. CH. ESMT.	6
7	GEORGE R. KELLIN & LORRAINE KELLIN, HIS WIFE	OSHKOSH, WIS.	"		SW 1/4, SE 1/4, SECT 3, " "		0.60		0.60		7
TOTAL						2.47	7.34	4.20	14.01		

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE SPECIFIED.



P.I. 10+20.0
Δ 44°-00' L
D 3'-00'
T 771.7
L 1466.7



STA 27+90 TO STA 29+70
LT. SP DITCH REQ'D.
25 C.Y. - WASTE

STA 21+65 LT. & RT.
CLEAN CHANNEL
50 C.Y. - WASTE

P.I. 31+61.1
Δ 70°-16' R
D 4'-30'
T 896.2
L 1561.5

BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
1	2+14	SPIKE IN 8" POPPLE 45' RT.	995.47
2	11+70	U.S.G. & G.S. B.M. 206' RT.	1000.00
3	20+95	SPIKE IN 8" ELM 80' LT.	978.42

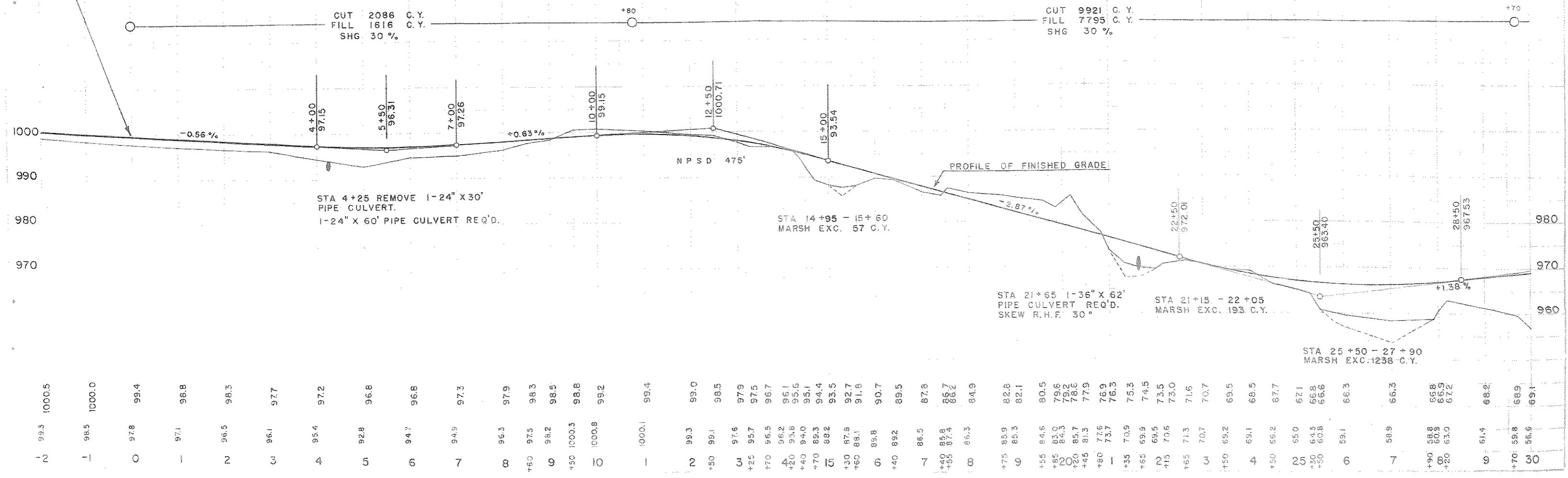
ASSUMED DATUM

STA 0+00 BEGINNING OF
F.A.S. PROJ. S-139 (3)

STA 0+00 TO STA 30+00 NET CENTER LINE LENGTH = 3000 FT.

CUT 2086 C.Y.
FILL 1616 C.Y.
SHG 30%

CUT 9921 C.Y.
FILL 7795 C.Y.
SHG 30%



8152

8149

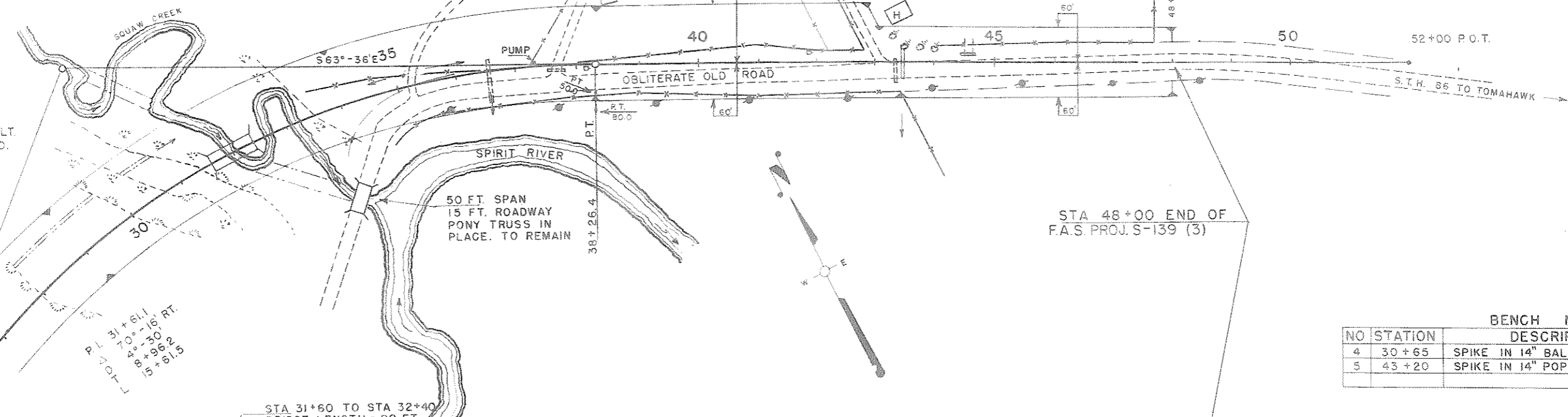
STA 32+00 LT & RT
 CHANNEL CHANGE REQ'D.-550 C.Y.
 WASTE IN OLD CHANNEL.

STA 37+70 RE. LT.
 REMOVE 24" X 16' PIPE CULV.

STA 44+50 REMOVE 18" X 12'
 PIPE CULV. 1-24" X 28' PIPE
 CULVERT REQ'D.

CHANNEL CHANGE SECTION

STA 30+25-30+80 LT.
 SPECIAL DITCH REQ'D.
 25 C.Y. - WASTE



STA 48+00 END OF
 F.A.S. PROJ. S-139 (3)

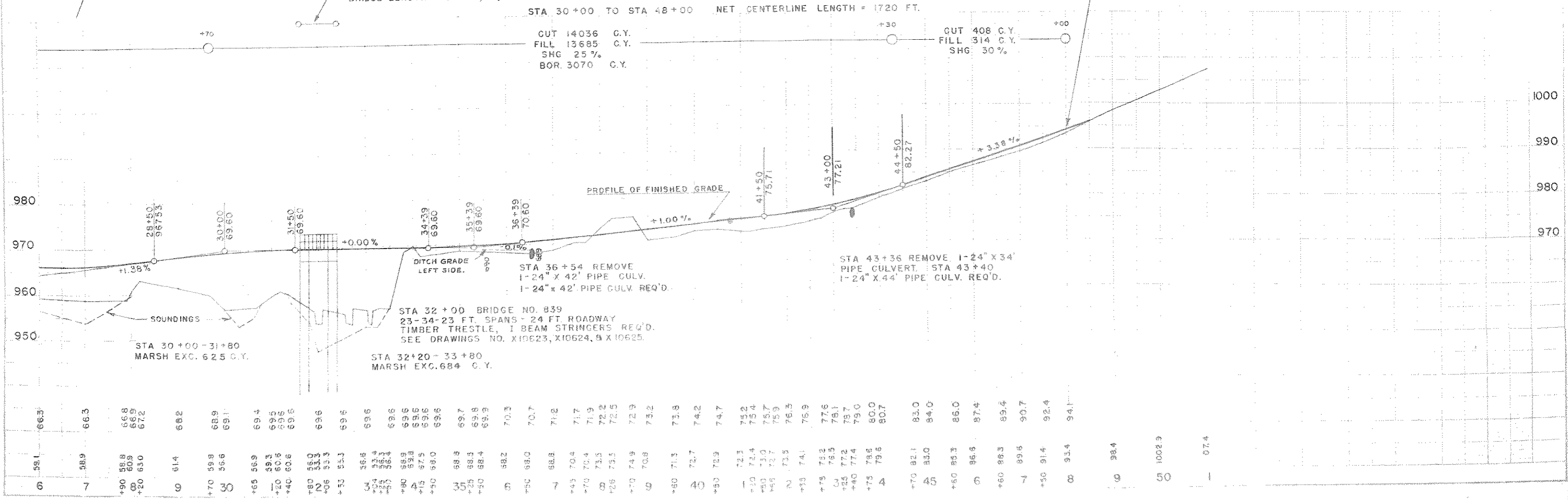
BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
4	30+65	SPIKE IN 14" BALSAM 55' LT.	961.99
5	43+20	SPIKE IN 14" POPLAR 115' RT.	971.40

STA 31+60 TO STA 32+40
 BRIDGE LENGTH = 80 FT.

STA 30+00 TO STA 48+00 NET CENTERLINE LENGTH = 1720 FT.

CUT 14036 C.Y.
 FILL 13685 C.Y.
 SHG 25 %
 BOR. 3070 C.Y.

OUT 408 C.Y.
 FILL 314 C.Y.
 SHG 30 %



STA 30+00-31+80
 MARSH EXC. 625 C.Y.

STA 32+20-33+80
 MARSH EXC. 684 C.Y.

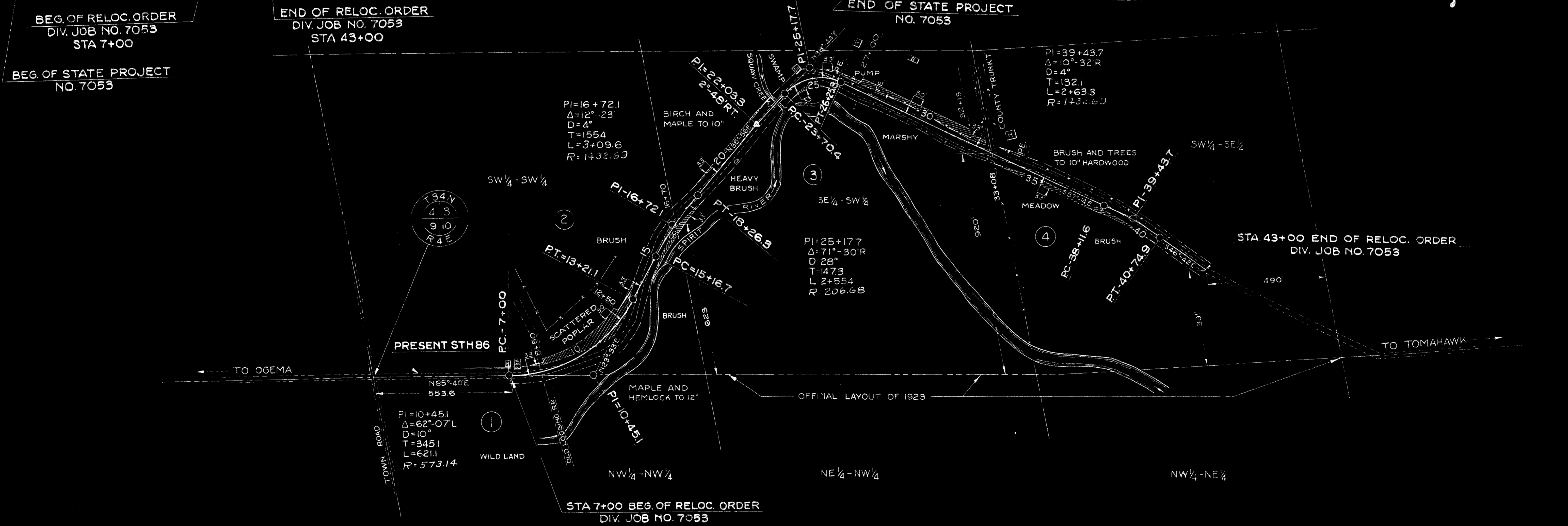
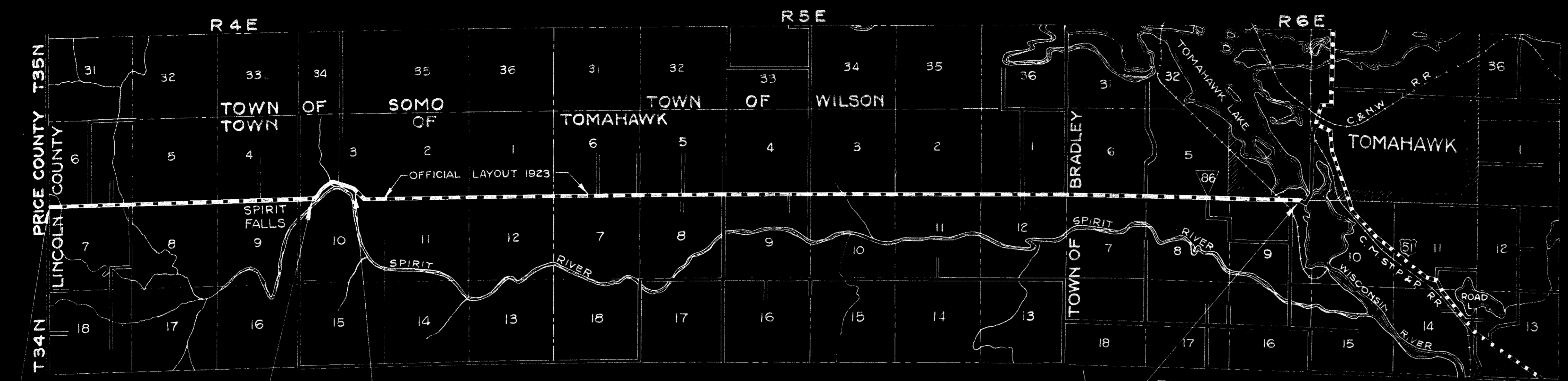
STA 36+54 REMOVE
 1-24" X 42' PIPE CULV.
 1-24" X 42' PIPE CULV. REQ'D.

STA 43+36 REMOVE 1-24" X 34'
 PIPE CULVERT. STA 43+40
 1-24" X 44' PIPE CULV. REQ'D.

STA 32+00 BRIDGE NO. 839
 23-34-23 FT. SPANS - 24 FT. ROADWAY
 TIMBER TRESTLE, I BEAM STRINGERS REQ'D.
 SEE DRAWINGS NO. X10623, X10624, & X10625.

8149

8152



PAR	OWNER	ADDRESS	DESCRIPTION	ACRES PURCHASED				PAR
				MARSH	UNIMPROVED	IMPROVED	TOTAL	
1	ANNA MONDEAU ESTATE, MRS. MARGARET FIE J., ADMINISTRATRIX	TOMAHAWK	NW 1/4 - NW 1/4 SECT. 10 T 34N R 4E	0	0	0	0	1
2			SW 1/4 - SW 1/4 " 3 " "	0	0.52	0	0.52	2
3	SEG. TRUST OF BRADLEY BK. OF TOMAHAWK	TOMAHAWK	SE 1/4 - SW 1/4 " " "	0	0.15	0.34	0.49	3
4	RALPH S. KALLIN & WIFE, OLIVE J.		SW 1/4 - SE 1/4 " " "	0	0.09	0.15	0.24	4

REVISED 6-7-37

FLAT OF RIGHT OF WAY REQUIRED

DIVISION JOB NO. 7053

OGEMA - TOMAHAWK ROAD

S.T.H. NO. 86 LINCOLN COUNTY

SCALE
0 100 200 300 400
FEET

DRAWN BY VAN HAGAN
COMPUTED BY VAN HAGAN
CHECKED BY FRECK