

14-17 CENTER ROAD AREA

Sheet Number	Total Sheets
1	

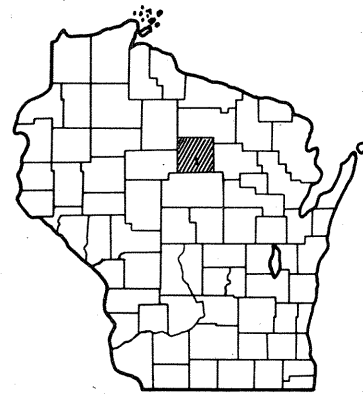
STATE OF WISCONSIN  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1173-2-71	RF05-4(52)	1

**Index of Sheets**

Sheet No.	Title
1	Typical Cross Sections
2-2.14	Estimate of Quantities
3	Miscellaneous Quantities
3A-3B	Right of Way Plat
4-4.11	Plan and Profile
5-5.18	Standard Details
6-6.11	Structure Plans
8-8.94	Cross Sections
Total Sheets - 157	

STA. 235+00.00 - STA. 408+92.96



PLAN AND PROFILE OF PROPOSED  
**SOUTH COUNTY LINE - MERRILL ROAD**  
 (CENTER ROAD - S.T.H. 17)  
 U.S.H. 51  
 LINCOLN COUNTY

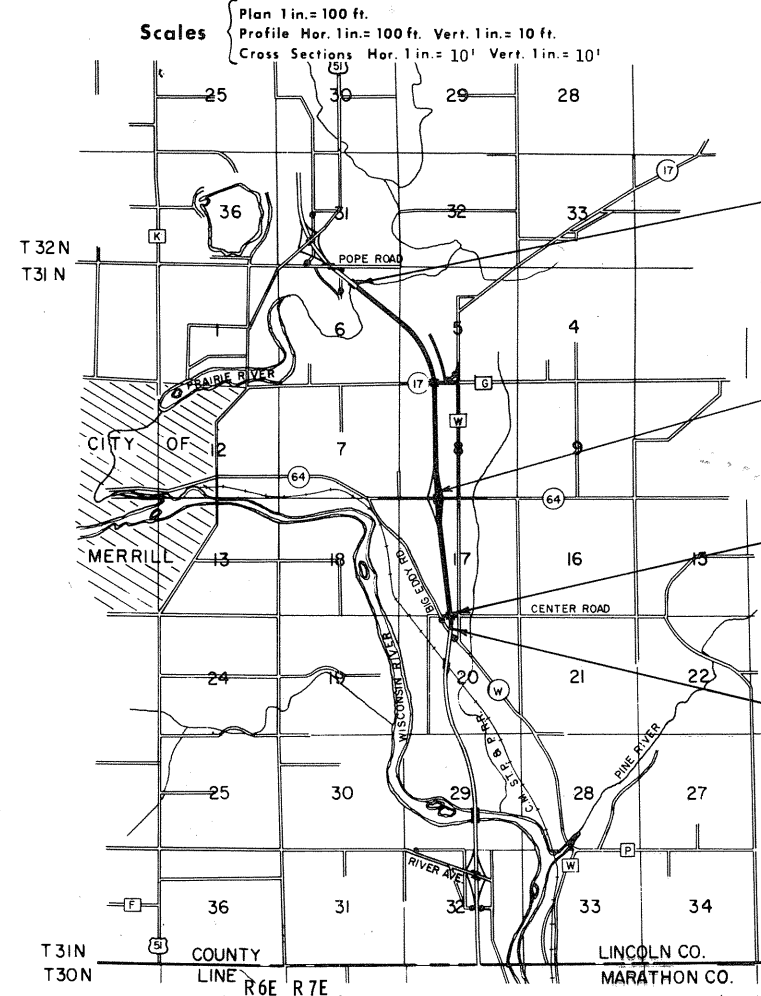
STATE PROJECT NUMBER  
**1173-2-71**

**Design Designation**

CONTROL OF ACCESS - FULL

A. D. T.	1975	= 7,250
A. D. T.	1995	= 13,500
D. H. V.		= 2,430
(D)		= 70 - 30%
(T)		= 5%
(V)		= 80 M. P. H.

**CONTROL OF ACCESS**  
 WITHIN LIMITS OF THE PROJECT WHERE CONTROL OF ACCESS IS SHOWN THUS \_\_\_\_\_ NO ACCESS IS PERMITTED TO HIGHWAY TRAFFIC LANES EXCEPT BY RAMPS AT INTERCHANGES



**Scales**  
 Plan 1 in. = 100 ft.  
 Profile Hor. 1 in. = 100 ft. Vert. 1 in. = 10 ft.  
 Cross Sections Hor. 1 in. = 10' Vert. 1 in. = 10'

END PROJECT 1173-2-71  
 STA. 408+92.96 NB.  
 N 500,277.74  
 E 2,087,147.29  
 573' S. AND 523' E. OF THE N. 1/4 CORNER OF SEC. 6, T 32N, R 7E

STA. 295+66.34 NB. - STA. 297+60.00 NB.  
 EXCEPTION TO NET R LENGTH

STA. 242+16.04 NB. - STA. 243+39.05 NB.  
 EXCEPTION TO NET R LENGTH

BEGIN PROJECT 1173-2-71  
 STA. 235+00.00 NB.  
 N 484,300.00  
 E 2,092,111.15  
 1872.50' N. AND 420.04' W OF THE CENTER OF SEC. 20, T 31N, R 7E

Layout  
 Scale 0 1 2 MI.

Total Net Length of Reference Line = 3.234 Mi.

**Conventional Signs**

State Line	-----	Culverts in Place	-----
County Line	-----	Culverts Required	-----
Township or Range Line	-----	Drop Inlet	-----
Section Line	-----	Power Pole	-----
Proposed Right of Way Line	-----	Telephone or Telegraph Pole	-----
Present Right of Way Line	-----	Right of Way Markers	-----
Wire Fence	-----	Reference Stake for Hubs Only	-----
Woven	-----	Marsh	-----
Barbed	-----	Hedge	-----
Lot Line	-----	Trees	-----
Corporate or City Limits	-----	Ground Elevation	-----
Property Line	-----	Grade Elevation	-----
Traveled Way or P. E.	-----		
Railroads	-----		
Base or Survey Line	-----		

ALL COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM CENTRAL ZONE

STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

Surveyor J.R.W. District Checker J.B.M.  
 Designer F.D.R. C.O. Checker L.L.J.

Correct:

Date 7/30/73 R.D. Schindler  
 District Engineer

Recommended for Approval:

Date 9/12/73 J.P. Hennel  
 CHIEF OF FACILITIES DEVELOPMENT

Approved:

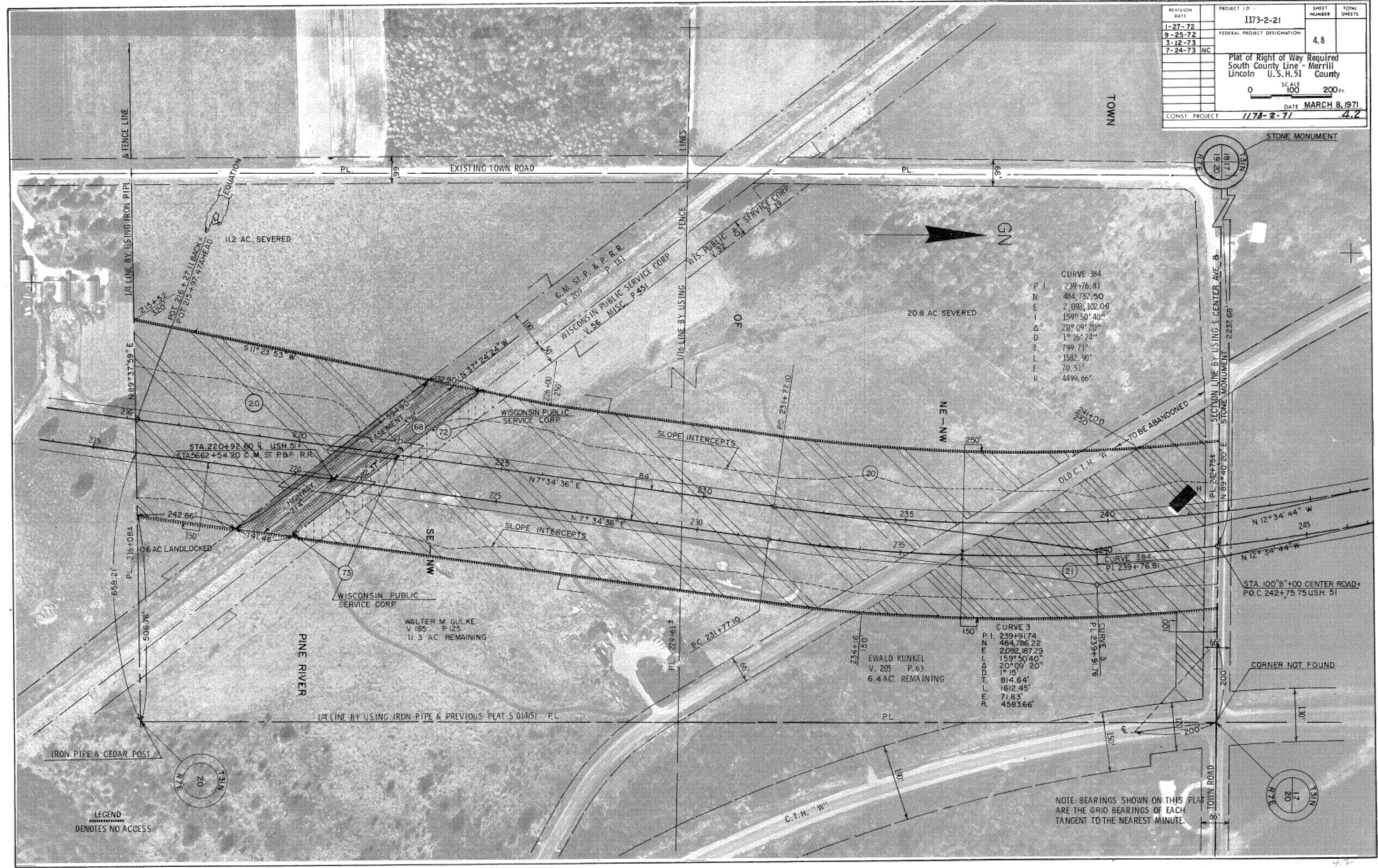
Date 9/17/73 H.L. Giedler  
 State Highway Engineer

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

REGION \_\_\_\_\_ WISCONSIN DIVISION

Approved: \_\_\_\_\_  
 Date \_\_\_\_\_  
 Division Engineer

REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21	4.8	
9-25-72	FEDERAL PROJECT DESIGNATION		
3-12-73			
7-24-73 NC			
Plat of Right of Way Required South County Line - Merrill Lincoln U.S.H. 51 County			
SCALE 1" = 100'			
DATE MARCH 8, 1971			
CONST. PROJECT 1178-2-71 4.2			



CURVE 384

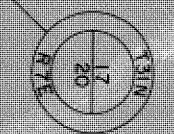
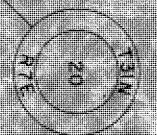
P.I.	239+76.81
N	484,782.50
E	2,092,102.06
L	159°50'40"
Δ	20°09'20"
D	1°16'24"
T	799.71'
L	1582.90'
E	70.51'
R	4499.66'

CURVE 3

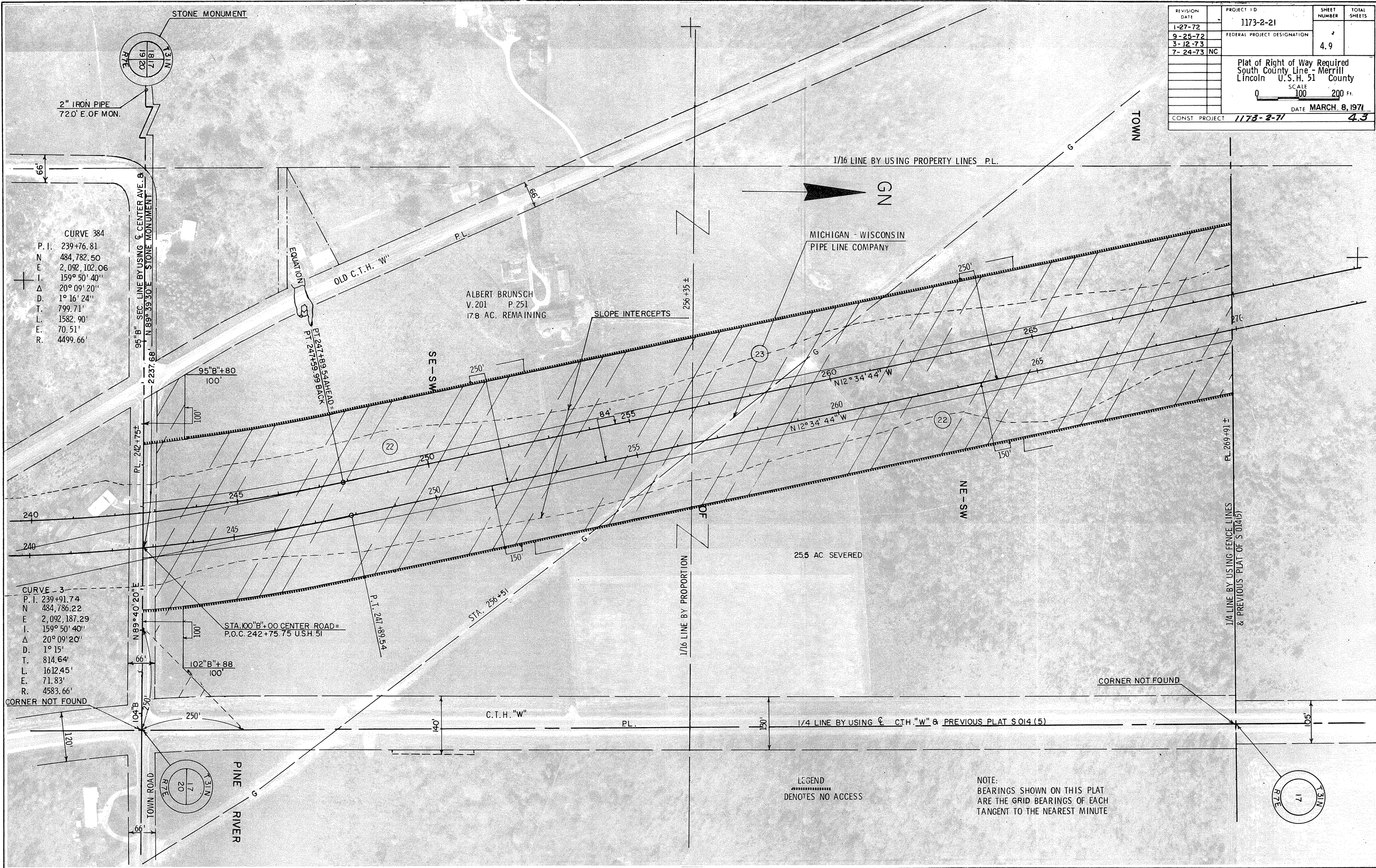
P.I.	239+91.74
N	484,786.22
E	2,092,187.23
L	159°50'40"
Δ	20°09'20"
D	1°15'
T	814.64'
L	1612.45'
E	71.83'
R	4583.66'

NOTE: BEARINGS SHOWN ON THIS PLAT ARE THE GRID BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

LEGEND  
DENOTES NO ACCESS



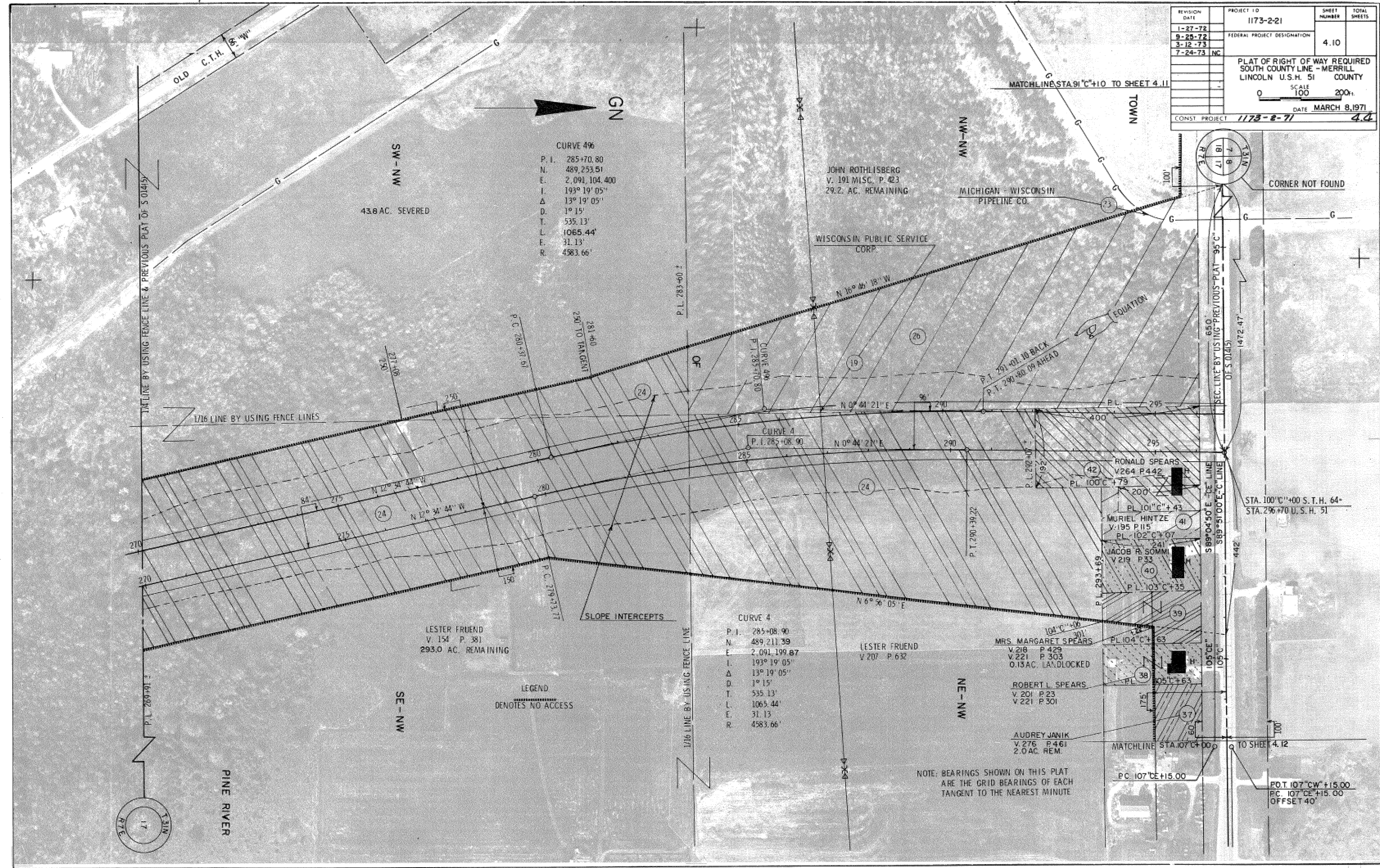
REVISION	PROJECT I.D.	SHEET	TOTAL
DATE	1173-2-21	NUMBER	SHEETS
1-27-72	FEDERAL PROJECT DESIGNATION	4.9	
9-25-72			
3-12-73			
7-24-73 NC			
	Plat of Right of Way Required South County Line - Merrill Lincoln U.S.H. 51 County		
	SCALE 1" = 100' 200'		
	DATE MARCH 8, 1971		
CONST. PROJECT 1173-2-71		4.3	



LEGEND  
 DENOTES NO ACCESS

NOTE:  
BEARINGS SHOWN ON THIS PLAT  
ARE THE GRID BEARINGS OF EACH  
TANGENT TO THE NEAREST MINUTE

REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21	4.10	
9-28-72	FEDERAL PROJECT DESIGNATION		
3-12-73			
7-24-73			
NC			
PLAT OF RIGHT OF WAY REQUIRED SOUTH COUNTY LINE - MERRILL LINCOLN U.S.H. 51 COUNTY			
SCALE 100 200'			
DATE MARCH 8, 1971			
CONST. PROJECT 1173-2-71 4.2			



**CURVE 406**

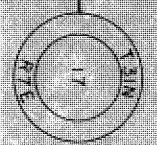
P. I.	285+70.80
N.	489.253.51
E.	2,091.104.400
I.	193° 19' 05"
Δ	13° 19' 05"
D.	1° 15'
T.	535.13'
L.	1065.44'
E.	31.13'
R.	4583.66'

**CURVE 4**

P. I.	285+08.90
N.	489.211.39
E.	2,091.199.67
I.	193° 19' 05"
Δ	13° 19' 05"
D.	1° 15'
T.	535.13'
L.	1065.44'
E.	31.13'
R.	4583.66'

**LEGEND**  
 DENOTES NO ACCESS

NOTE: BEARINGS SHOWN ON THIS PLAT ARE THE GRID BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE

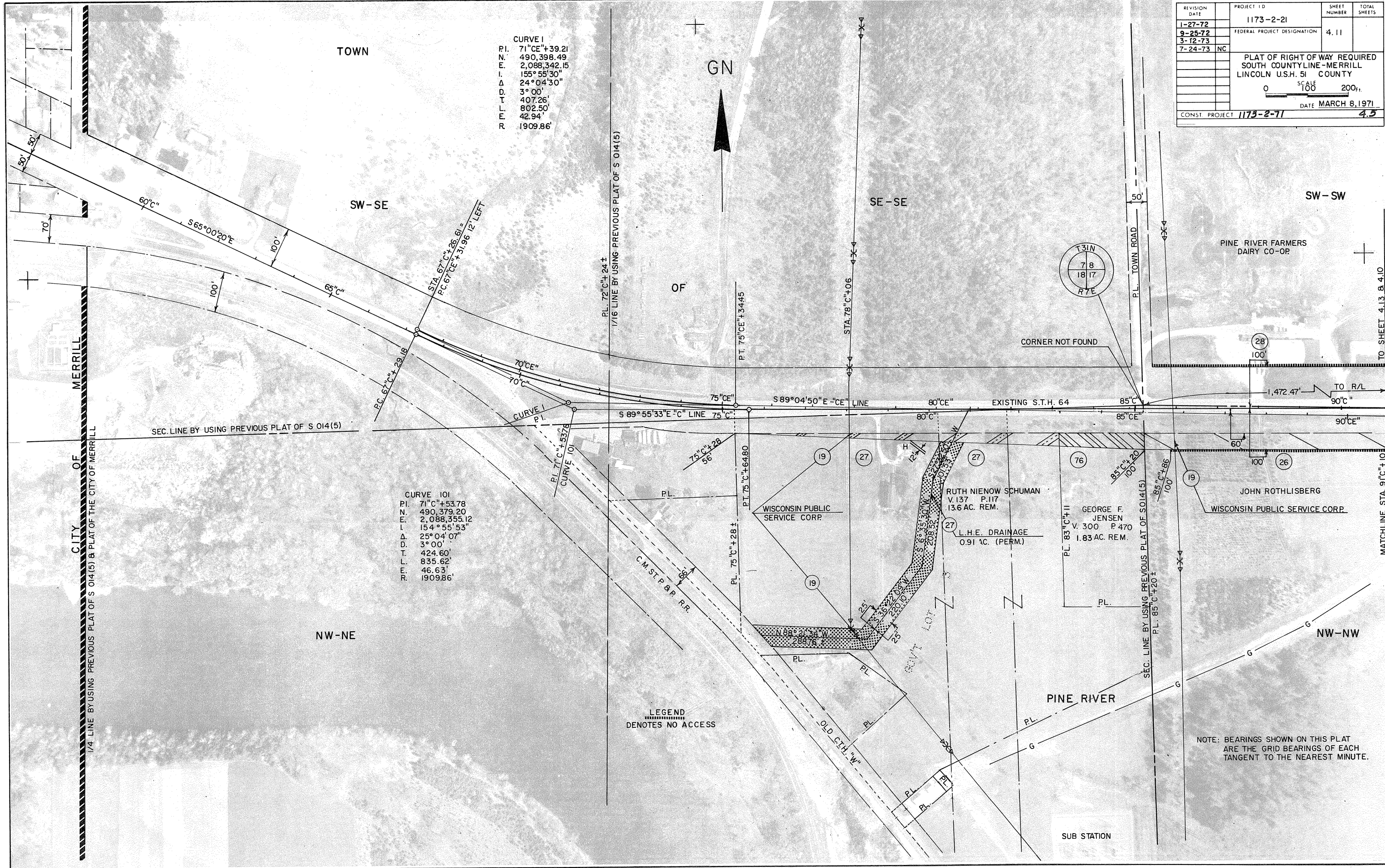


CORNER NOT FOUND

STA. 100'+00 S.T.H. 64+  
 STA. 296+70 U.S.H. 51

P.O.T. 107' CW +15.00  
 P.C. 107' CE +15.00  
 OFFSET 40'

REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21	4.11	
9-25-72			
3-12-73			
7-24-73 NC			
FEDERAL PROJECT DESIGNATION			
PLAT OF RIGHT OF WAY REQUIRED SOUTH COUNTYLINE-MERRILL LINCOLN U.S.H. 51 COUNTY			
		SCALE 0 100 200ft.	
		DATE MARCH 8, 1971	
CONST. PROJECT 1173-2-71		4.5	



CURVE 1  
 P.I. 71°CE" + 39.21  
 N. 490,398.49  
 E. 2,088,342.15  
 I. 155°55'30"  
 Δ. 24°04'30"  
 D. 3°00'  
 T. 407.26'  
 L. 802.50'  
 E. 42.94'  
 R. 1909.86'

CURVE 101  
 P.I. 71°C" + 53.78  
 N. 490,379.20  
 E. 2,088,355.12  
 I. 154°55'53"  
 Δ. 25°04'07"  
 D. 3°00'  
 T. 424.60'  
 L. 835.62'  
 E. 46.63'  
 R. 1909.86'

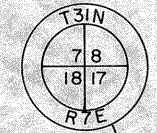
LEGEND  
 .....  
 DENOTES NO ACCESS

NOTE: BEARINGS SHOWN ON THIS PLAT ARE THE GRID BEARINGS OF EACH TANGENT TO THE NEAREST MINUTE.

CITY OF MERRILL

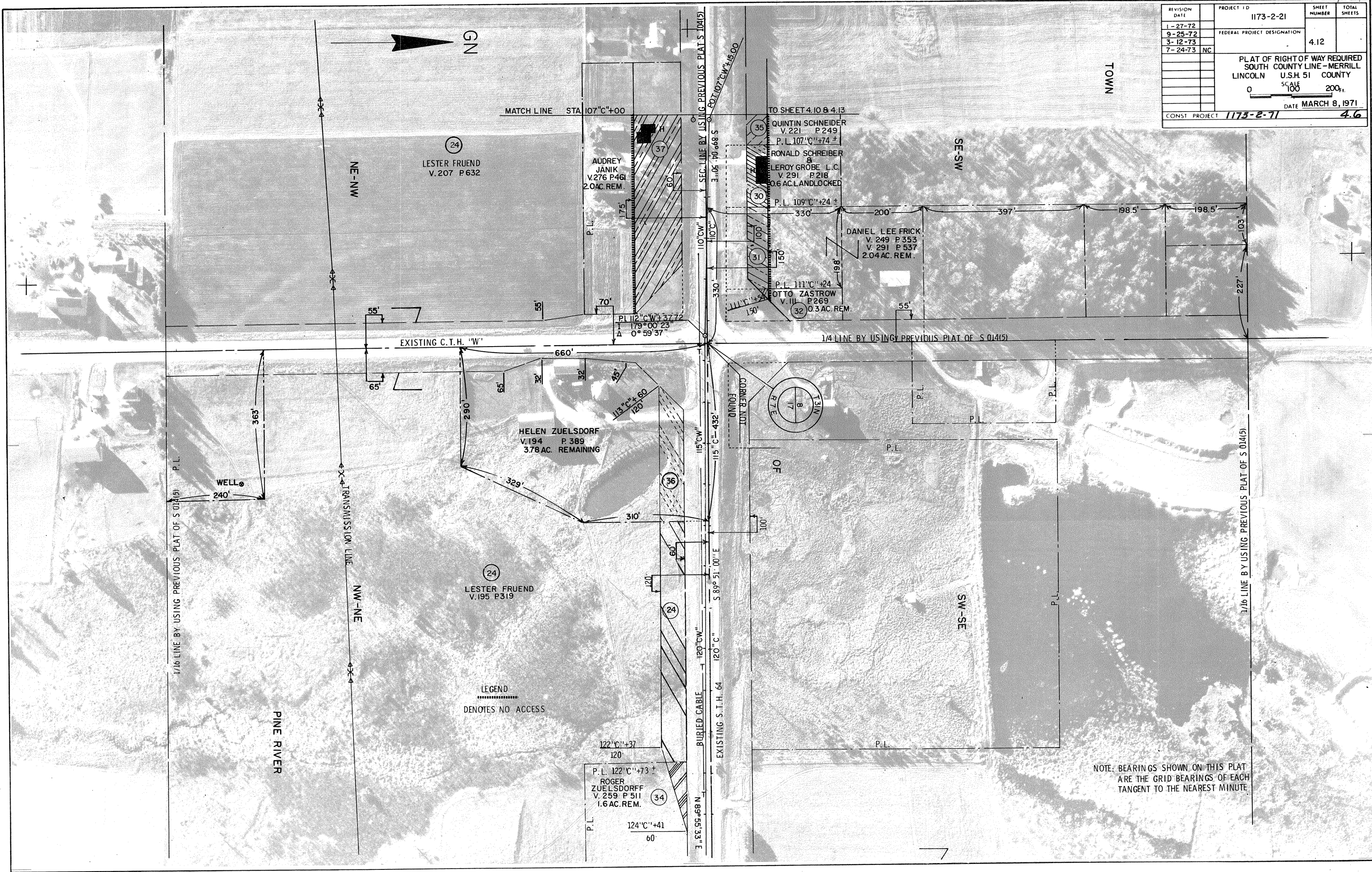
MATCHLINE STA. 91°C" + 10'

TO SHEET 4.13 & 4.10

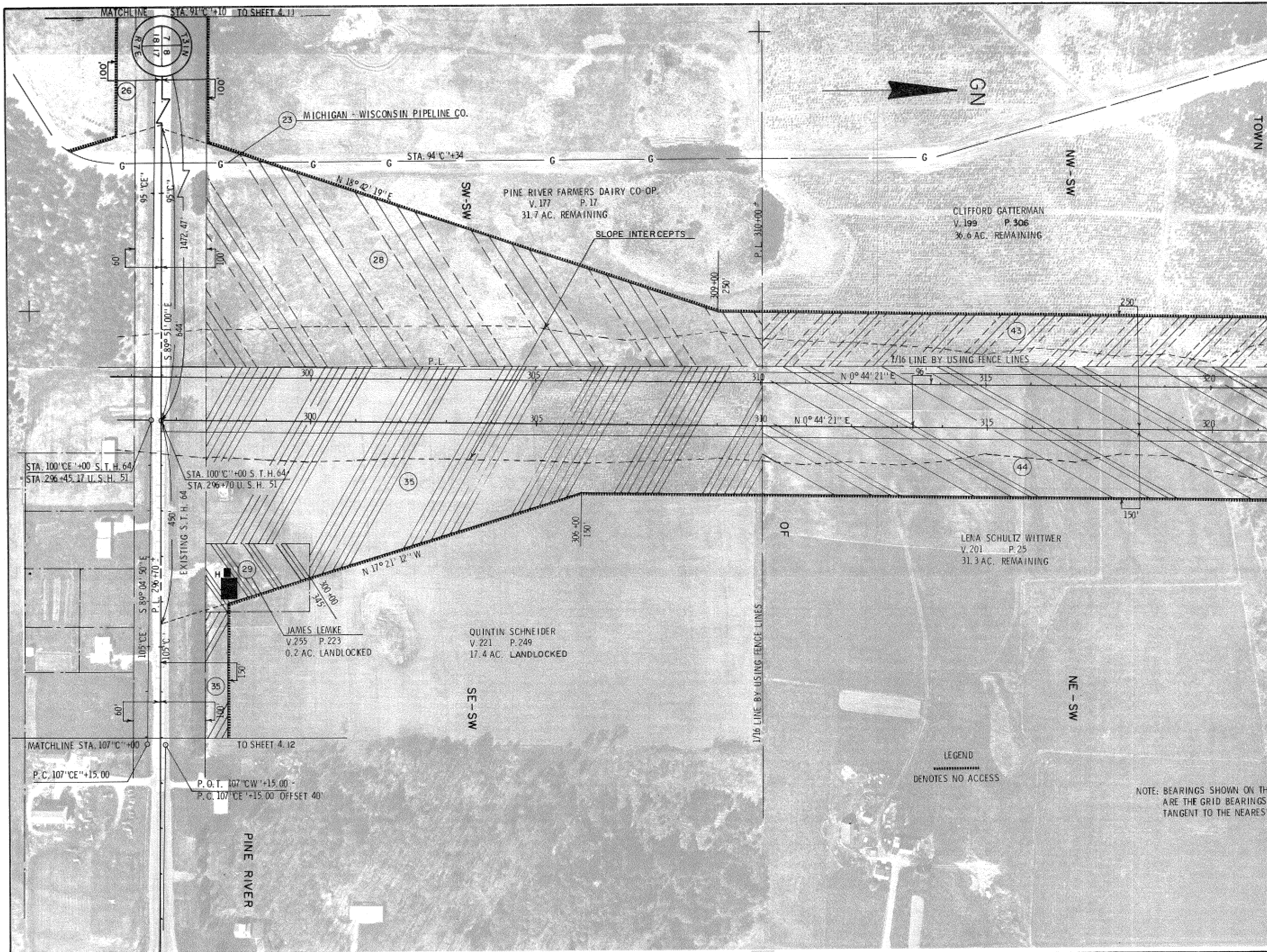


SUB STATION

REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21		
9-25-72	FEDERAL PROJECT DESIGNATION	4.12	
3-12-73			
7-24-73	NC		
PLAT OF RIGHT OF WAY REQUIRED SOUTH COUNTY LINE - MERRILL LINCOLN U.S.H. 51 COUNTY			
SCALE 0 100 200 ft.			
DATE MARCH 8, 1971			
CONST. PROJECT 1173-2-71			4.6

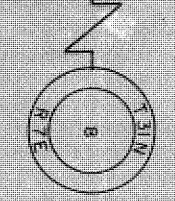


REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21	4.13	
9-23-72	FEDERAL PROJECT DESIGNATION		
3-12-73			
7-24-73	NC		
PLAT OF RIGHT OF WAY REQUIRED SOUTH COUNTY LINE - MERRILL LINCOLN U.S.H. 51 COUNTY		DATE MARCH 8, 1971	
SCALE 1" = 100'		200'	
CONST. PROJECT 1173-2-71		4.7	



LEGEND  
 DENOTES NO ACCESS

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 TANGENT TO THE NEAREST MINUTE



REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21	4, 14	
9-25-72	FEDERAL PROJECT DESIGNATION		
3-12-73			
7-29-73	NG		

Plat of Right of Way Required	
South County Line - Merrill County	
Lincoln U.S.H. 51	
SCALE	DATE MARCH 8, 1971
0 100 200 Ft.	
CONST. PROJECT 1173-2-71	4.8

CURVE 596  
P. I. 360+98.75  
N 496,806.66  
E 2,091,201.84  
I. 133° 16' 28"  
Δ 46° 43' 32"  
D 1° 32' 19"  
T 1608.53  
L 3036.76'  
E 332.57'  
R 3723.72'

CURVE 5  
P. I. 361+40.21  
N 496,846.89  
E 2,091,298.37  
I. 133° 16' 28"  
Δ 46° 43' 32"  
D 1° 30"  
T 1650.00'  
L 3115.05'  
E 341.14'  
R 3819.72'

STA 100+00 TO STA 117+00  
P.O.C. 349+56.90 U.S.H. 51

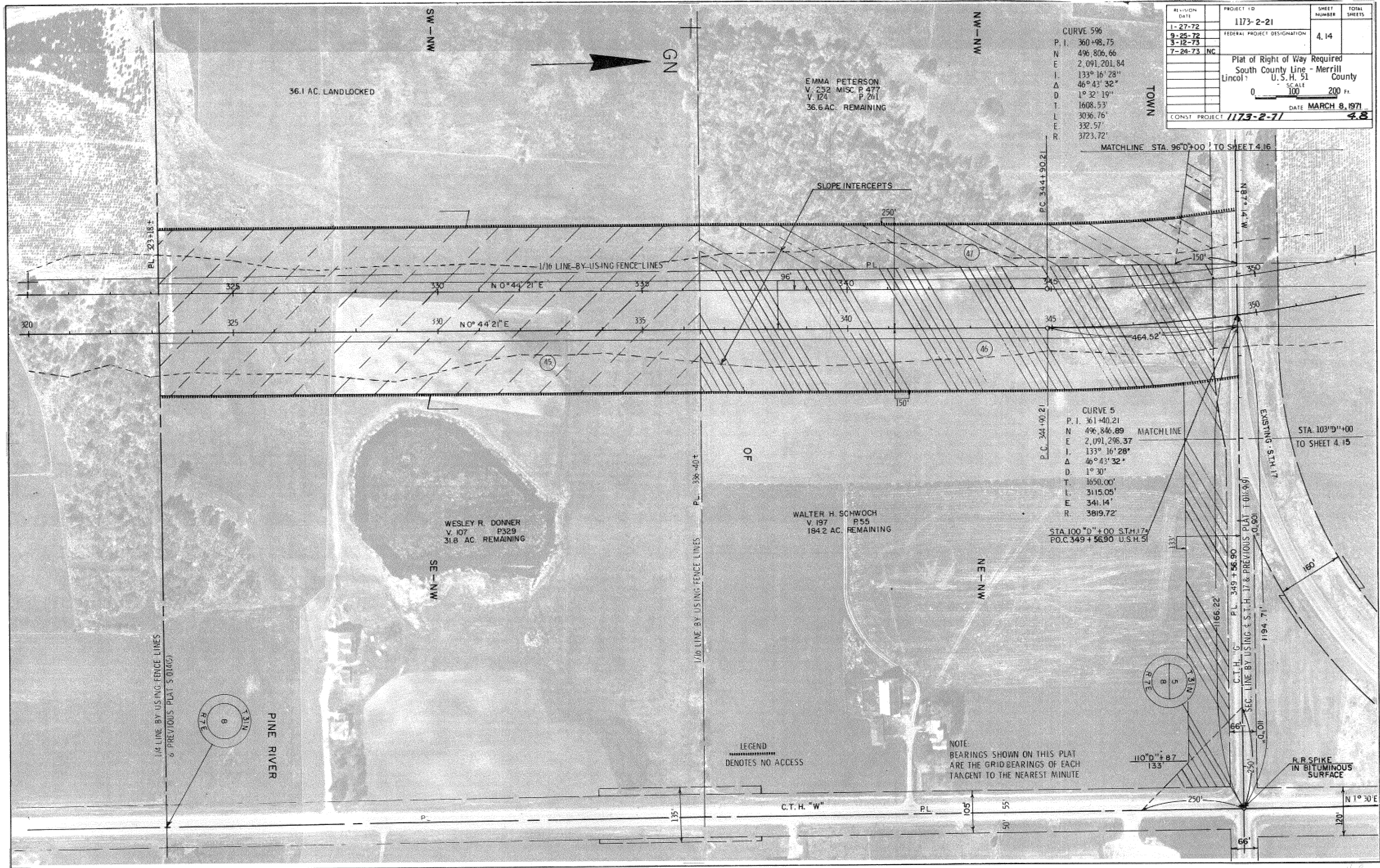
EMMA PETERSON  
V. 252 MISC. P. 477  
V. 124 P. 261  
36.6 AC. REMAINING

WESLEY R. DONNER  
V. 107 P. 329  
31.8 AC. REMAINING

WALTER H. SCHWOCH  
V. 197 P. 55  
184.2 AC. REMAINING

LEGEND  
DENOTES NO ACCESS

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TANGENT TO THE NEAREST MINUTE







REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21		
9-25-72	FEDERAL PROJECT DESIGNATION	4.16	
3-12-73			
7-24-73 NC			
PLAT OF RIGHT OF WAY REQUIRED SOUTH COUNTY LINE-MERRILL U.S.H. 51		LINCOLN COUNTY	
		SCALE 1"=200'	DATE MARCH 8, 1971
CONST. PROJECT 1173-2-71		4.10	

**CURVE 596**  
 P. I. 360+98.75  
 N 496.806.66  
 E 2,091,201.84  
 I. 133° 16' 28"  
 Δ 46° 43' 32"  
 D. 1° 32' 19"  
 T. 1608.53'  
 L. 3036.76'  
 E. 332.57'  
 R. 3723.72'

**CURVE 5**  
 P. I. 361+40.21  
 N 496.846.89  
 E 2,091,248.37  
 I. 133° 16' 28"  
 Δ 46° 43' 32"  
 D. 1° 30'  
 T. 1650.00'  
 L. 3115.05'  
 E. 341.14'  
 R. 3819.72'

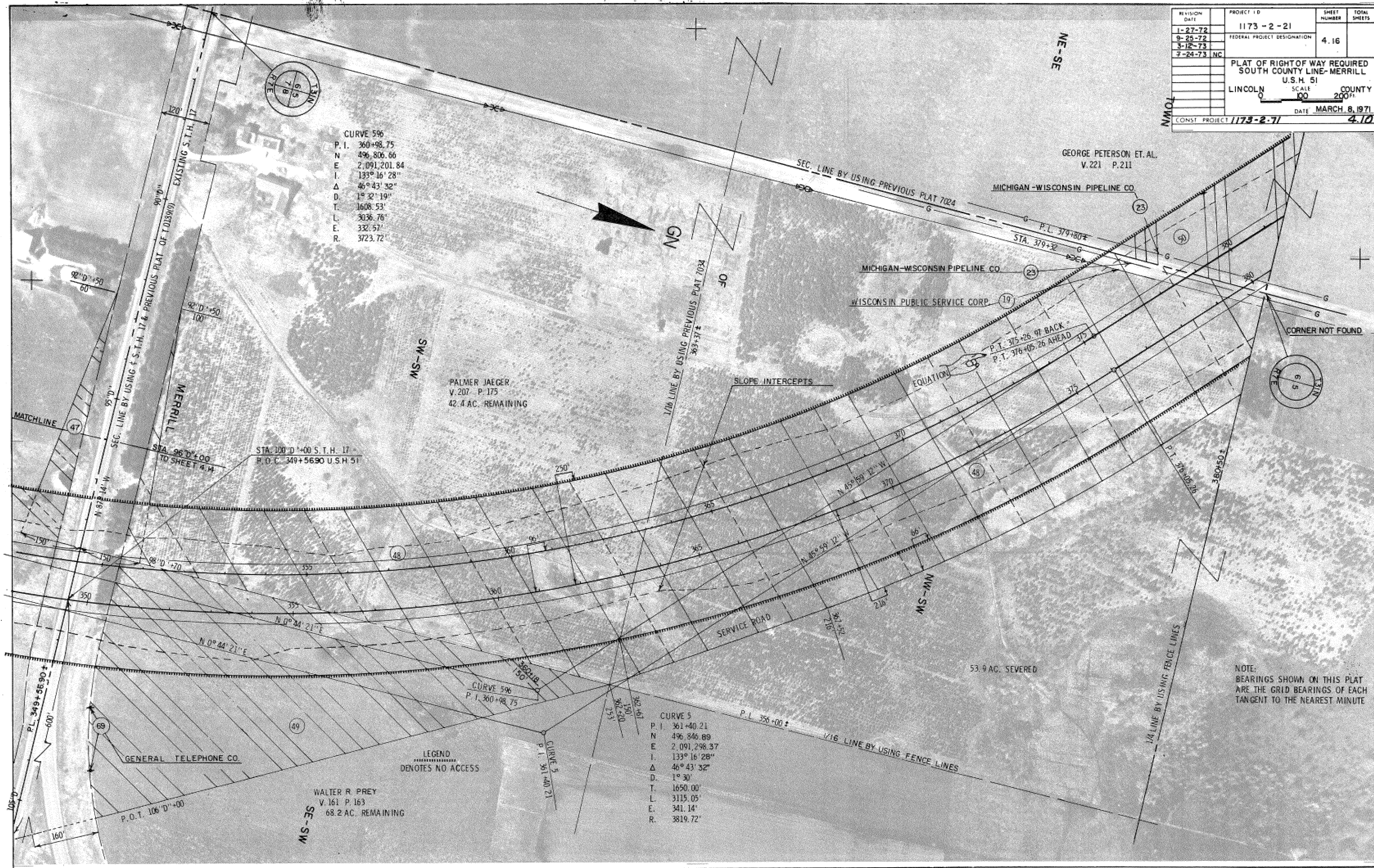
**PALMER JAEGER**  
 V. 207 P. 175  
 42.4 AC. REMAINING

**WALTER R. PREY**  
 V. 161 P. 163  
 68.2 AC. REMAINING

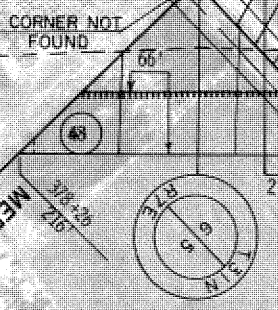
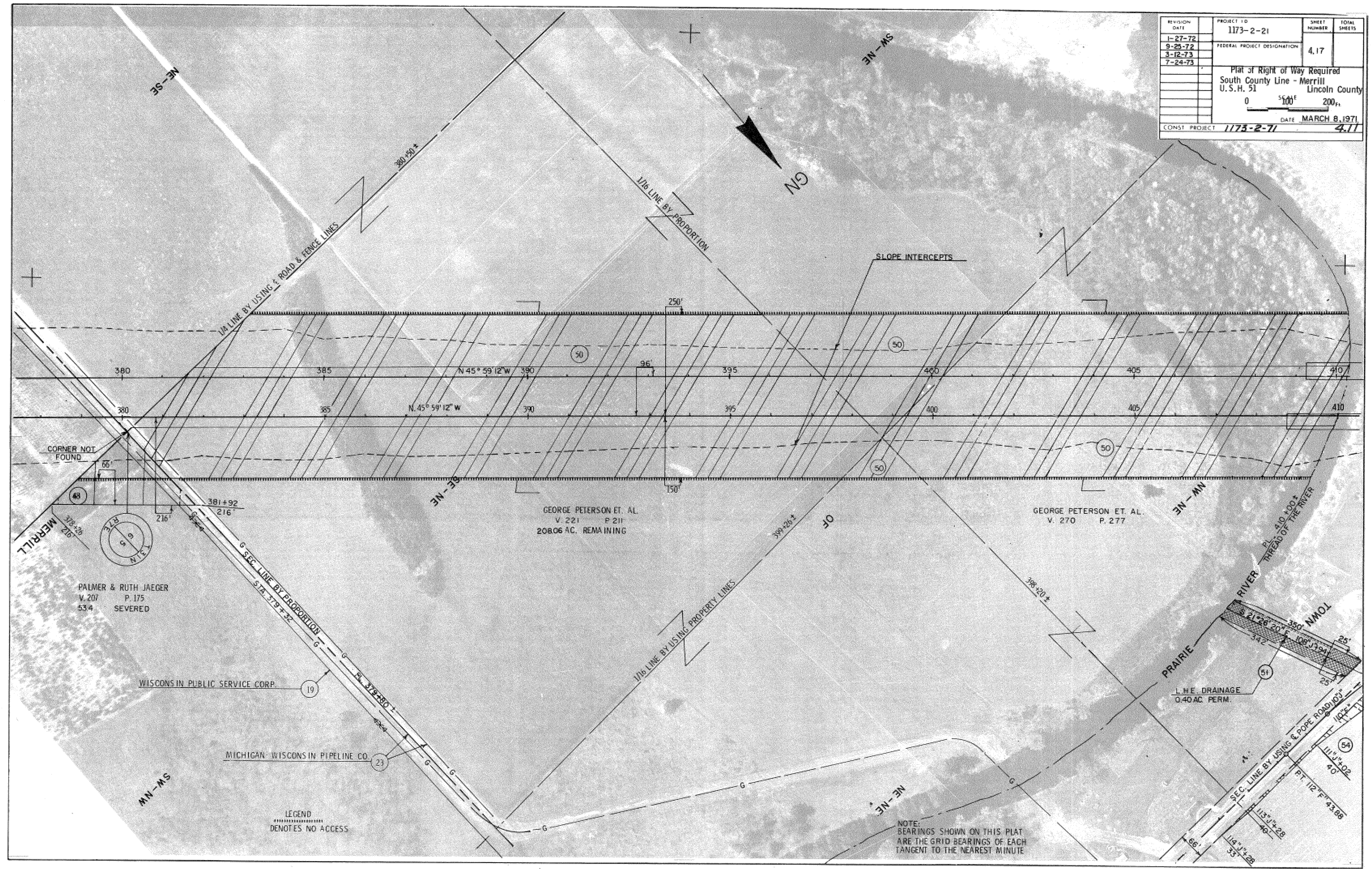
**GEORGE PETERSON ET. AL.**  
 V. 221 P. 211

NOTE:  
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 ARE THE GRID BEARINGS OF EACH  
 TANGENT TO THE NEAREST MINUTE

LEGEND  
 DENOTES NO ACCESS



REVISION DATE	PROJECT ID	SHEET NUMBER	EQUAL SHEETS
1-27-72	1173-2-21	4, 17	
9-25-72	FEDERAL PROJECT DESIGNATION		
3-12-73			
7-24-73			
	Plat of Right of Way Required		
	South County Line - Merrill		
	U.S.H. 51		
	Lincoln County		
	0 50' 100' 200'		
	DATE	MARCH 8, 1971	
CONST PROJECT	1173-2-71		4.17



PALMER & RUTH JAEGER  
 V. 207 P. 175  
 53.4 SEVERED

GEORGE PETERSON ET. AL.  
 V. 221 P. 211  
 208.06 AC. REMAINING

GEORGE PETERSON ET. AL.  
 V. 270 P. 277

LEGEND  
 DENOTES NO ACCESS

NOTE:  
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 TANGENT TO THE NEAREST MINUTE