

10

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Total Sheets - 25	



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.

Conventional Signs

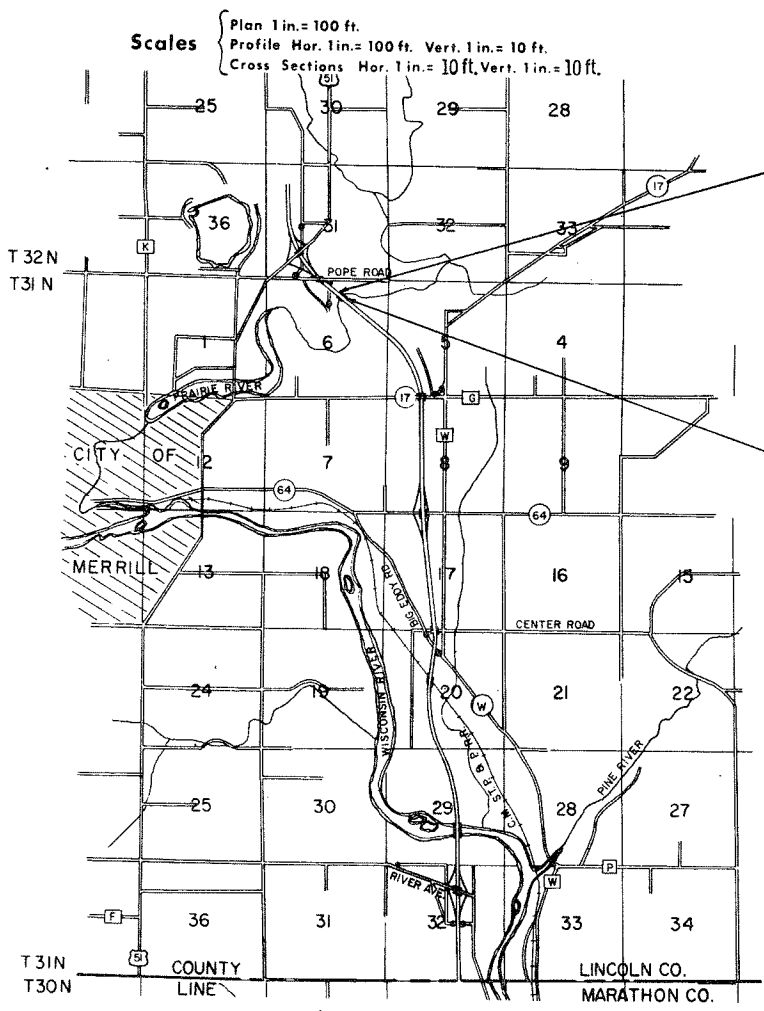
State Line		Culverts in Place	
County Line		Culverts Required	
Township or Range Line		Drop Inlet	
Section Line		Power Pole	
New Right of Way Line		Telephone or Telegraph Pole	
Present Right of Way Line		Right of Way Markers	
Wire Fence	Woven Barbed	Reference Stake for Hubs Only	
Lot Line		Marsh	
Corporate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



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
SOUTH COUNTY LINE - MERRILL ROAD
PRAIRIE RIVER STRUCTURES
U. S. H. 51
LINCOLN COUNTY

STATE PROJECT NUMBER
1173-2-76



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

END PROJECT 1173-2-76 STA. 410+77.62 NB.
B - 35 - 31 & B - 35 - 32
N 500,406.04
E 2,087,614.49
3100.27' S. AND 391.14' E. OF
THE CENTER OF SEC. 31, T 32N, R 7E
= STA. 410 + 77.62 BEGIN PROJ. RF05-4(53)

BEGIN PROJECT 1173-2-76 STA. 408+92.96 NB.
B - 35 - 31 & B - 35 - 32
N 500,277.74
E 2,087,747.29
3,228.57' S. AND 523.94' E. OF THE CENTER
OF SEC. 31, T 32N, R 7E
* STA. 408 + 92.96 NB. END OF PROJ. RF 05-4(52)

Layout
Scale 0 2 MI.

Total Net Length of Centerline = 0.035 Mi.

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

Sheet Number	Total Sheets
1	

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1173-2-76	RF 05-4(53)	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Surveyor J.R.W. District Checker G.S.W.
Designer F.D.R. C.O. Checker I.L.S.

Correct:

Date 9/21/73 R.D. Schindler
District Engineer

Recommended for Approval:
Date 11/20/73 J.C. Hamrad
CHIEF OF FACILITIES DEVELOPMENT

Approved:
Date 11/23/73 H.L. Pindler
State Highway Engineer

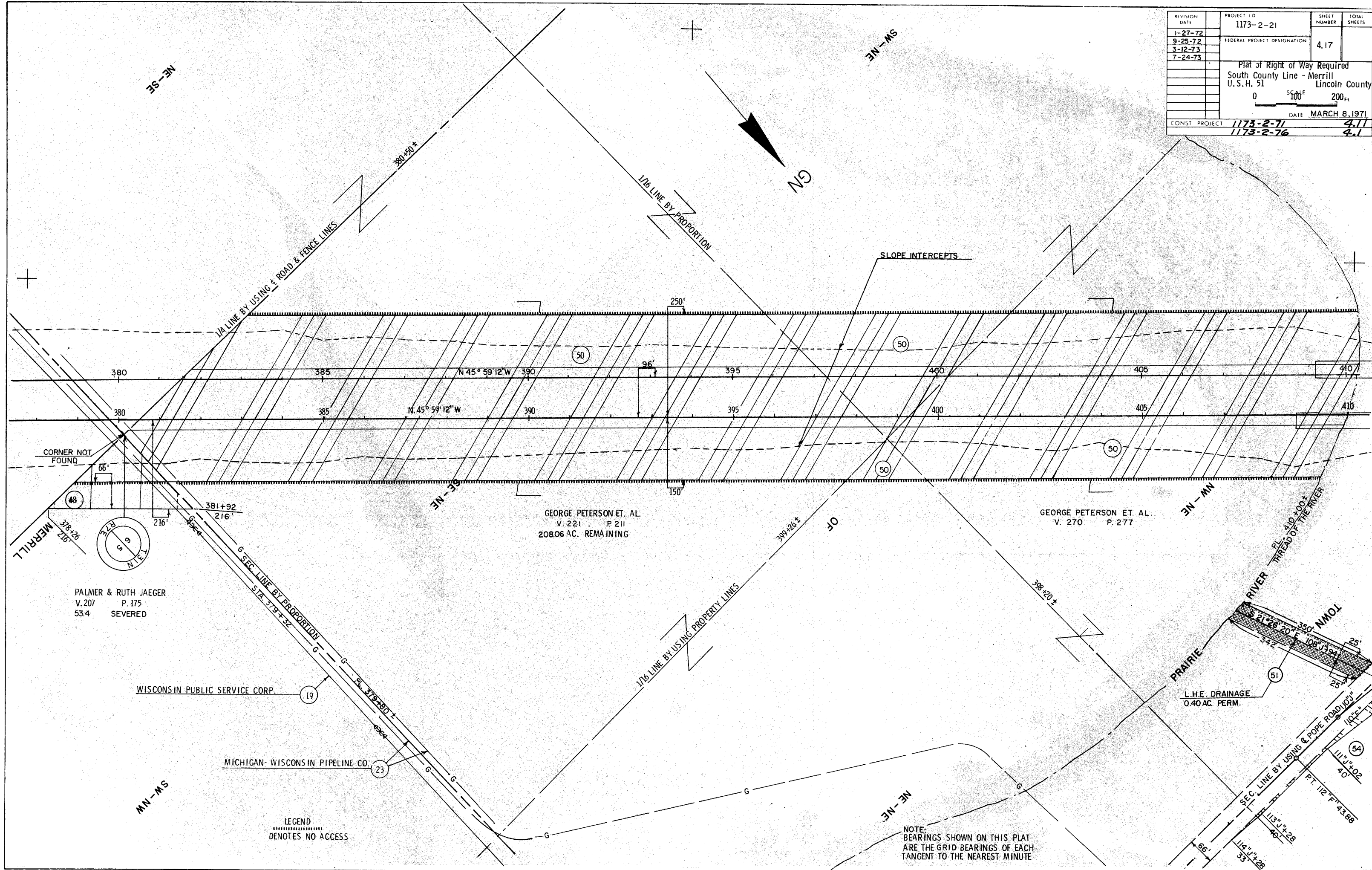
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

REGION 5 WISCONSIN DIVISION

Approved:

Date _____
Division Engineer

REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL 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		
		SCALE	200 Ft.
		0	
			DATE MARCH 8, 1971
CONST PROJECT	1173-2-71	4.11	
	1173-2-76	4.1	



LEGEND
.....
DENOTES NO ACCESS

CURVE 1

P. I.	6°14'49.16
I.	95°00'
Δ	85°00'
D.	16°30'
T.	318.19'
L.	515.15'
E.	123.74'
R.	347.25'

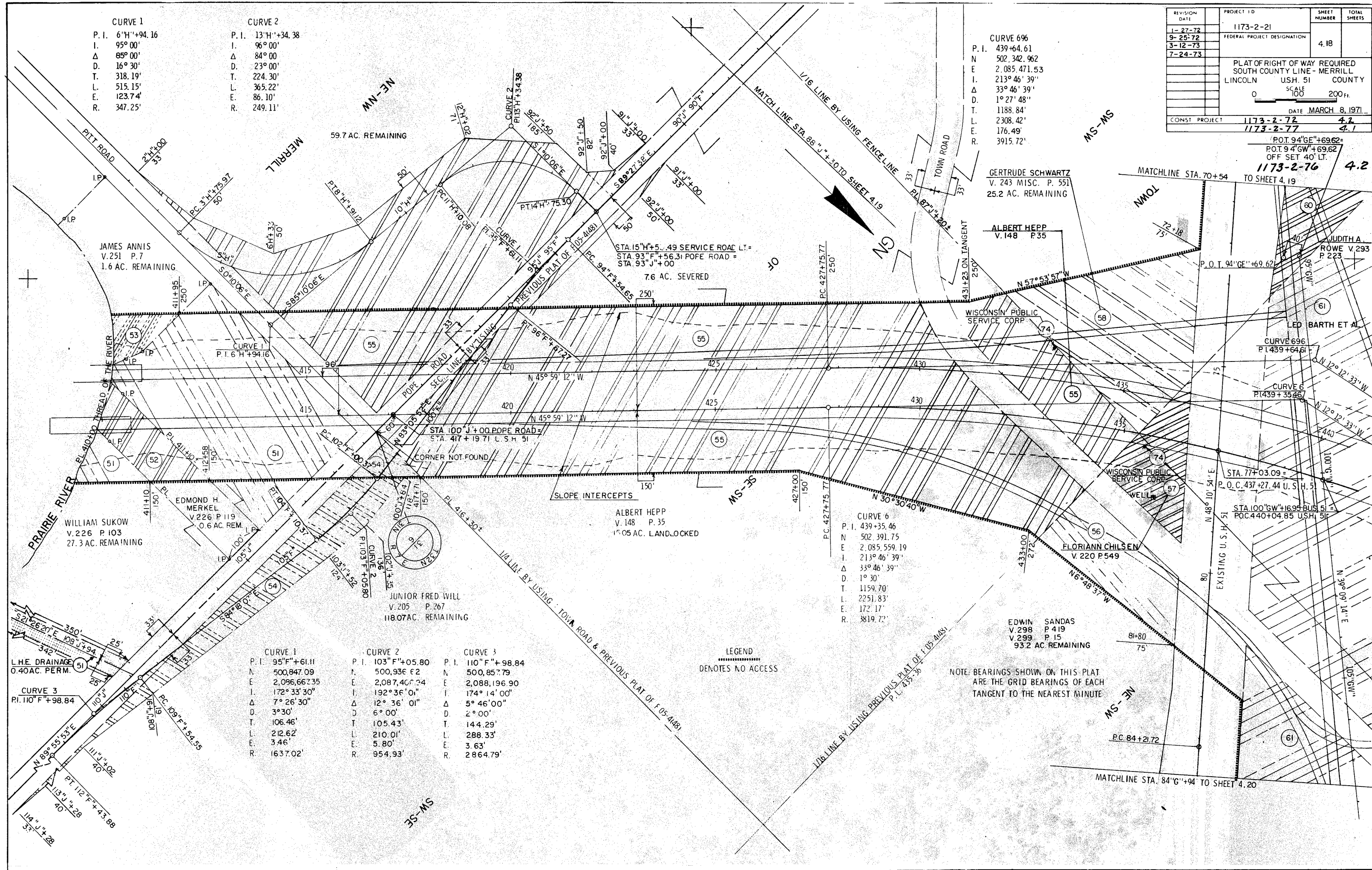
CURVE 2

P. I.	13°11'34.38
I.	96°00'
Δ	84°00'
D.	23°00'
T.	224.30'
L.	365.22'
E.	86.10'
R.	249.11'

CURVE 6

P. I.	439+64.61
N	502,342.962
E	2,085,471.53
I.	213°46'39"
Δ	33°46'39"
D.	1°27'48"
T.	1188.84'
L.	2308.42'
E.	176.49'
R.	3915.72'

REVISION DATE	PROJECT ID	SHEET NUMBER	TOTAL SHEETS
1-27-72	1173-2-21	4.18	
9-25-72	FEDERAL PROJECT DESIGNATION		
3-12-73			
7-24-73			
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	1173-2-72	4.2	
	1173-2-77	4.1	



JAMES ANNIS
V. 251 P. 7
1.6 AC. REMAINING

WILLIAM SUKOW
V. 226 P. 103
27.3 AC. REMAINING

EDMOND H. MERKEL
V. 226 P. 119
0.6 AC. REM.

JUNIOR FRED WILL
V. 205 P. 267
118.07 AC. REMAINING

ALBERT HEPP
V. 148 P. 35
1.05 AC. LANDLOCKED

GERTRUDE SCHWARTZ
V. 243 MISC. P. 551
25.2 AC. REMAINING

ALBERT HEPP
V. 148 P. 35

EDWIN SANDAS
V. 298 P. 419
V. 299 P. 15
93.2 AC. REMAINING

FLORIANN CHILSEN
V. 220 P. 549

JUDITH A. ROWE
V. 293 P. 223

LEO BARTH ET AL

CURVE 1

P. I.	95°11'34.38
N	500,847.09
E	2,096,662.35
I.	172°33'30"
Δ	7°26'30"
D.	3°30'
T.	106.46'
L.	212.62'
E.	3.46'
R.	1637.02'

CURVE 2

P. I.	103°11'34.38
N	500,936.62
E	2,087,407.24
I.	192°36'01"
Δ	12°36'01"
D.	6°00'
T.	105.43'
L.	210.01'
E.	5.80'
R.	954.93'

CURVE 3

P. I.	110°11'34.38
N	500,857.79
E	2,088,196.90
I.	174°14'00"
Δ	5°46'00"
D.	2°00'
T.	144.29'
L.	288.33'
E.	3.63'
R.	2,864.79'

CURVE 6

P. I.	439+35.46
N	502,391.75
E	2,085,559.19
I.	213°46'39"
Δ	33°46'39"
D.	1°30'
T.	1159.70'
L.	2251.83'
E.	172.17'
R.	3819.72'

LEGEND
..... DENOTES NO ACCESS

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

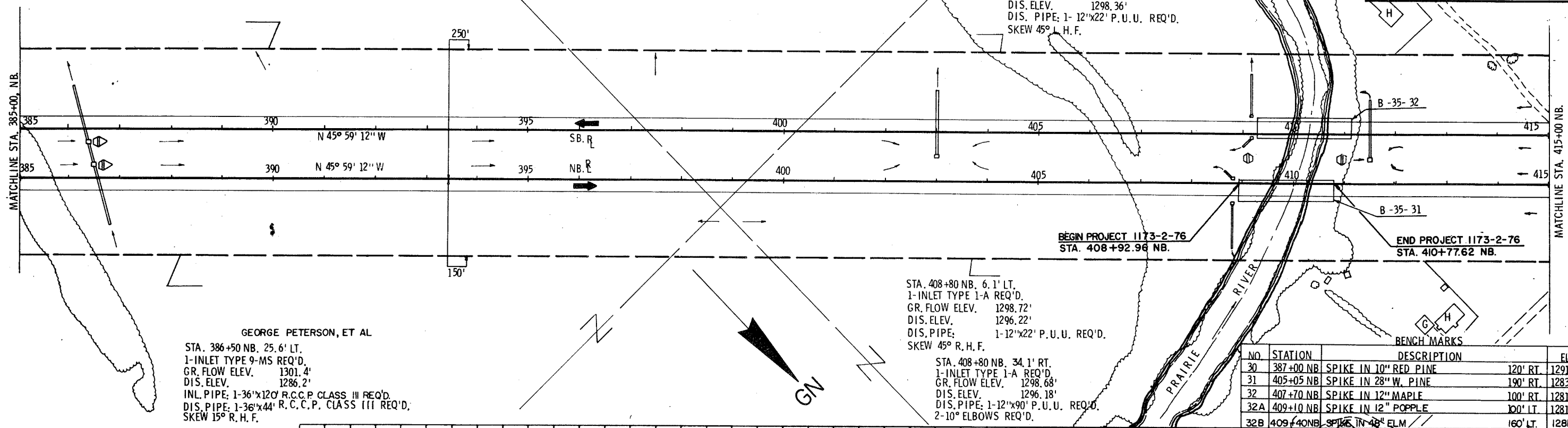
STA. 386+38 SB. 25.6 RT.
 1-INLET TYPE 9-MS REQ'D.
 GR. FLOW ELEV. 1301.8'
 DIS. ELEV. 1285.9'
 DIS. PIPE: 1-36"x126'
 SKEW 15° R. H. F.

STA. 403+00 SB. 48.0' RT.
 1-INLET TYPE 8-MS REQ'D.
 GR. FLOW ELEV. 1290.7
 DIS. ELEV. 1285.7
 DIS. PIPE: 1-24"x126' R.C.C.P. CLASS III REQ'D.

STA. 409+14 SB. 34.1' LT.
 1-INLET TYPE 1-A REQ'D.
 GR. FLOW ELEV. 1300.82'
 DIS. ELEV. 1298.32'
 DIS. PIPE: 1-12"x82' P.U.U. REQ'D.
 2-10° ELBOWS REQ'D.

STA. 409+14 SB. 6.1' RT.
 1-INLET TYPE 1-A REQ'D.
 GR. FLOW ELEV. 1300.86'
 DIS. ELEV. 1298.36'
 DIS. PIPE: 1-12"x22' P.U.U. REQ'D.
 SKEW 45° L. H. F.

PROJECT I. D.	1173-2-76	SHEET NUMBER	5	TOTAL SHEETS	
FEDERAL PROJECT DESIGNATION					
Plan & Profile					
for					
U. S. H. 51					Lincoln County

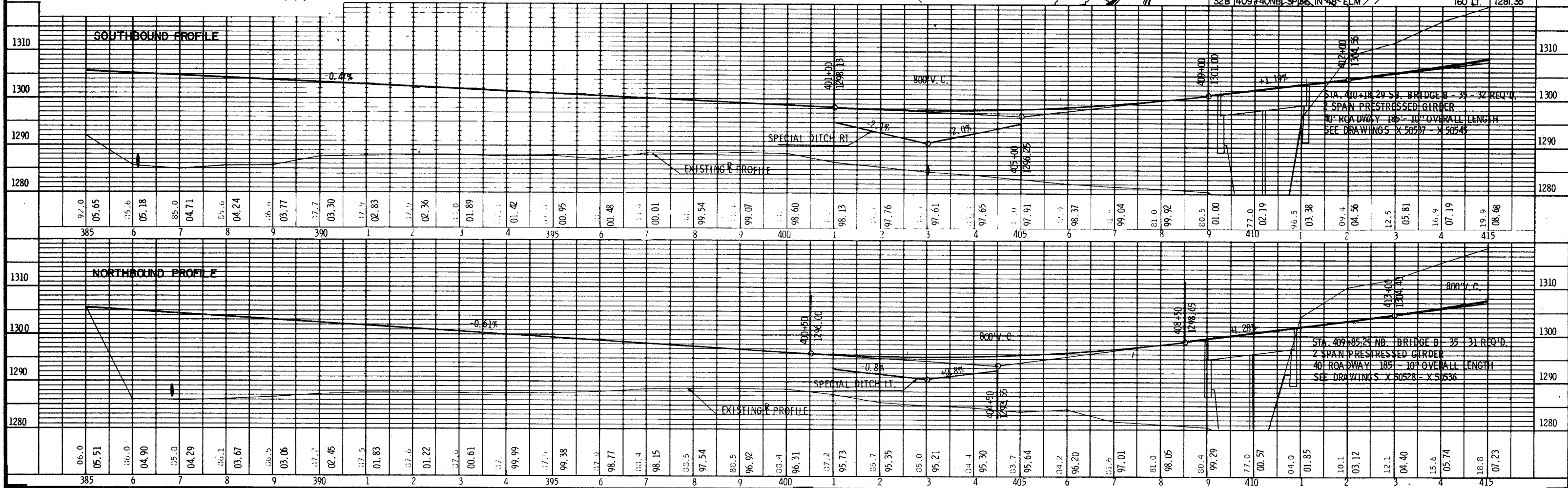


GEORGE PETERSON, ET AL
 STA. 386+50 NB. 25.6' LT.
 1-INLET TYPE 9-MS REQ'D.
 GR. FLOW ELEV. 1301.4'
 DIS. ELEV. 1286.2'
 INL. PIPE: 1-36"x120' R.C.C.P. CLASS III REQ'D.
 DIS. PIPE: 1-36"x44' R.C.C.P. CLASS III REQ'D.
 SKEW 15° R. H. F.

STA. 408+80 NB. 6.1' LT.
 1-INLET TYPE 1-A REQ'D.
 GR. FLOW ELEV. 1298.72'
 DIS. ELEV. 1296.22'
 DIS. PIPE: 1-12"x22' P.U.U. REQ'D.
 SKEW 45° R. H. F.

STA. 408+80 NB. 34.1' RT.
 1-INLET TYPE 1-A REQ'D.
 GR. FLOW ELEV. 1298.68'
 DIS. ELEV. 1296.18'
 DIS. PIPE: 1-12"x90' P.U.U. REQ'D.
 2-10° ELBOWS REQ'D.

NO	STATION	DESCRIPTION	ELEV.
30	387+00 NB	SPIKE IN 10" RED PINE	120' RT. 1291.68
31	405+05 NB	SPIKE IN 28" W. PINE	190' RT. 1283.06
32	407+70 NB	SPIKE IN 12" MAPLE	100' RT. 1281.33
32A	409+10 NB	SPIKE IN 12" POPLAR	100' LT. 1281.80
32B	409+40 NB	SPIKE IN 48" ELM	160' LT. 1281.35



STA. 400+18 29 SB. BRIDGE B-35-32 REQ'D.
 2 SPAN PRESTRESSED GIRDER
 40' ROADWAY 185' 10" OVERALL LENGTH
 SEE DRAWINGS X 50507 - X 50548

STA. 409+85 29 NB. BRIDGE B-35-31 REQ'D.
 2 SPAN PRESTRESSED GIRDER
 40' ROADWAY 185' 10" OVERALL LENGTH
 SEE DRAWINGS X 50528 - X 50536