

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9410-01-70	RS 1239 (1)	1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT U.S.H. 51 - C.T.H. "H" CRASS ROAD - SHOREWOOD ROAD

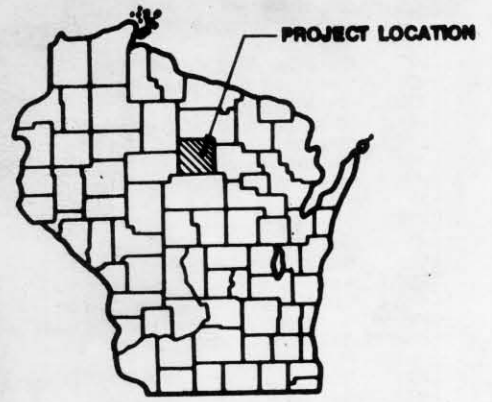
C.T.H. "D" LINCOLN COUNTY

COPY
FOR YOUR INFORMATION
MAY 16 1989

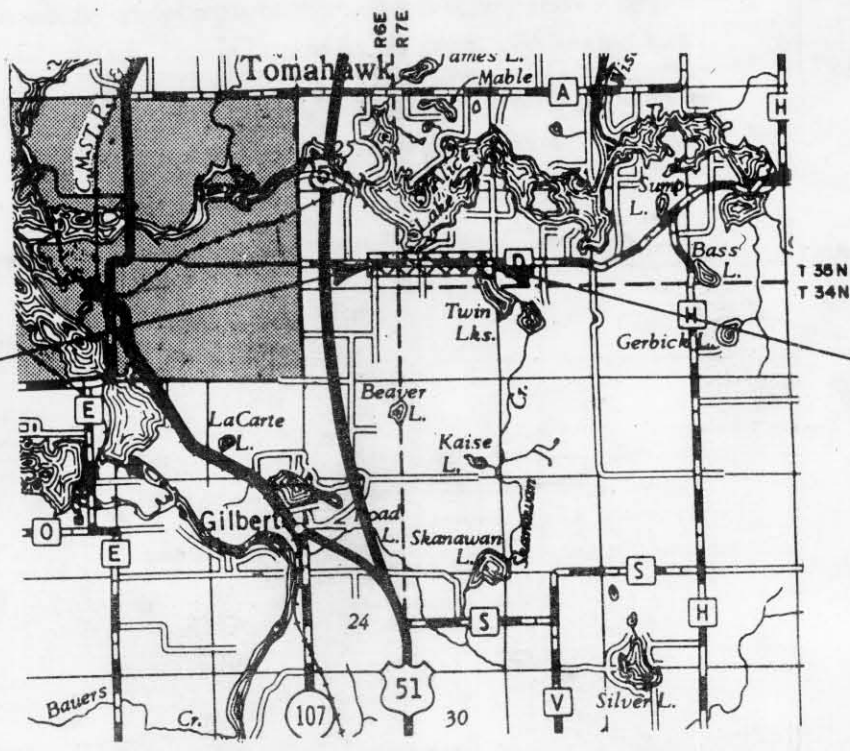
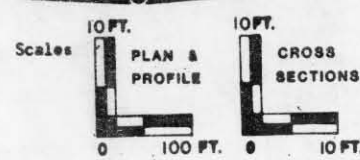
Index of Sheets

Sheet No. 1	Title
Sheet No. 2-2.4	Typical Sections and Details
Sheet No. 3	Estimate of Quantities
Sheet No. 3A	Miscellaneous Quantities
Sheet No. 4-4.3	Right of Way Plat
Sheet No. 5-5.2	Plan and Profile
Sheet No. 6-6.7	Standard Detail Drawings
Sheet No. -	Standard Sign Plates
Sheet No. -	Structure Plans
Sheet No. -	Computer Earthwork Data
Sheet No. 9-9.16	Cross Sections

TOTAL SHEETS = 40



STATE PROJECT NUMBER
9410-01-70



BEGIN PROJECT 9410-01-70
STA. 137+00
N 59° 18' 0" ± 200'
E 2,082,920 ± 200'

END PROJECT 9410-01-70
STA. 200+50
N 59° 11' 5" ± 200'
E 2,089,270 ± 200'

Design Designation

A.D.T.	1988	= 800
A.D.T.	2007	= 2000
D.M.V.		= 204
D.		= 80/40
T.		= 11%
V.		= 55 M.R.M.

Conventional Signs

County Line	-----	Caution Symbol (Combustible fluids under pressure)	
Township or Range Line	-----	Railroads	
Section Line	-----	Fence	
Corporate or City Limits	-----	Culverts in Place	
Property line	-----	Culverts Required	
Lot Line	-----	Power Pole	
Existing Right of Way Line	-----	Telephone or Telegraph Pole	
New Right of Way Line	-----	Right of Way Markers	
Base or Survey Line	-----	Marsh	
Slope Intercept	-----	Wooded Area	
Existing Roadway or Private Entrance	-----	Grade Elevation	



Total Net Length of Centerline = 1.203 MI. RURAL

COORDINATE NOTE

ALL COORDINATES ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM NORTH ZONE AND SCALED FROM U.S.G.S. TOPOGRAPHIC MAP TOMAHAWK, WL 1982, 7.5 MINUTE WISCONSIN QUADRANGLE FOR IDENTIFICATION ONLY.

APPROVED FOR
LINCOLN COUNTY

DATE 6/22/87 Michael J. Hall
LINCOLN COUNTY HWY. COMM.

ORIGINAL PLANS PREPARED BY
SHORT ELLIOTT HENDRICKSON, INC.
CONSULTING ENGINEERS
CHIPPEWA FALLS ST. PAUL WISCONSIN MINNESOTA

DATE 7/2/87

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Surveyor S.E.H. District Checker D.B.R.
Designer S.E.H. C.O. Checker R.S.
District Supervisor R.S. C.O. Coordinator L.A.S.

Approved: _____
Date 12-9-88 Robert R. Pugh
District Transportation Director

Approved: _____
Date 1-6-89 R.W. Berg
Chief Design Engineer

Approved: _____
Date _____
Director of Development

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 5 WISCONSIN DIVISION




Approved: _____
Date _____
Division Administrator

Lincoln

WISCONSIN 9410-01-70

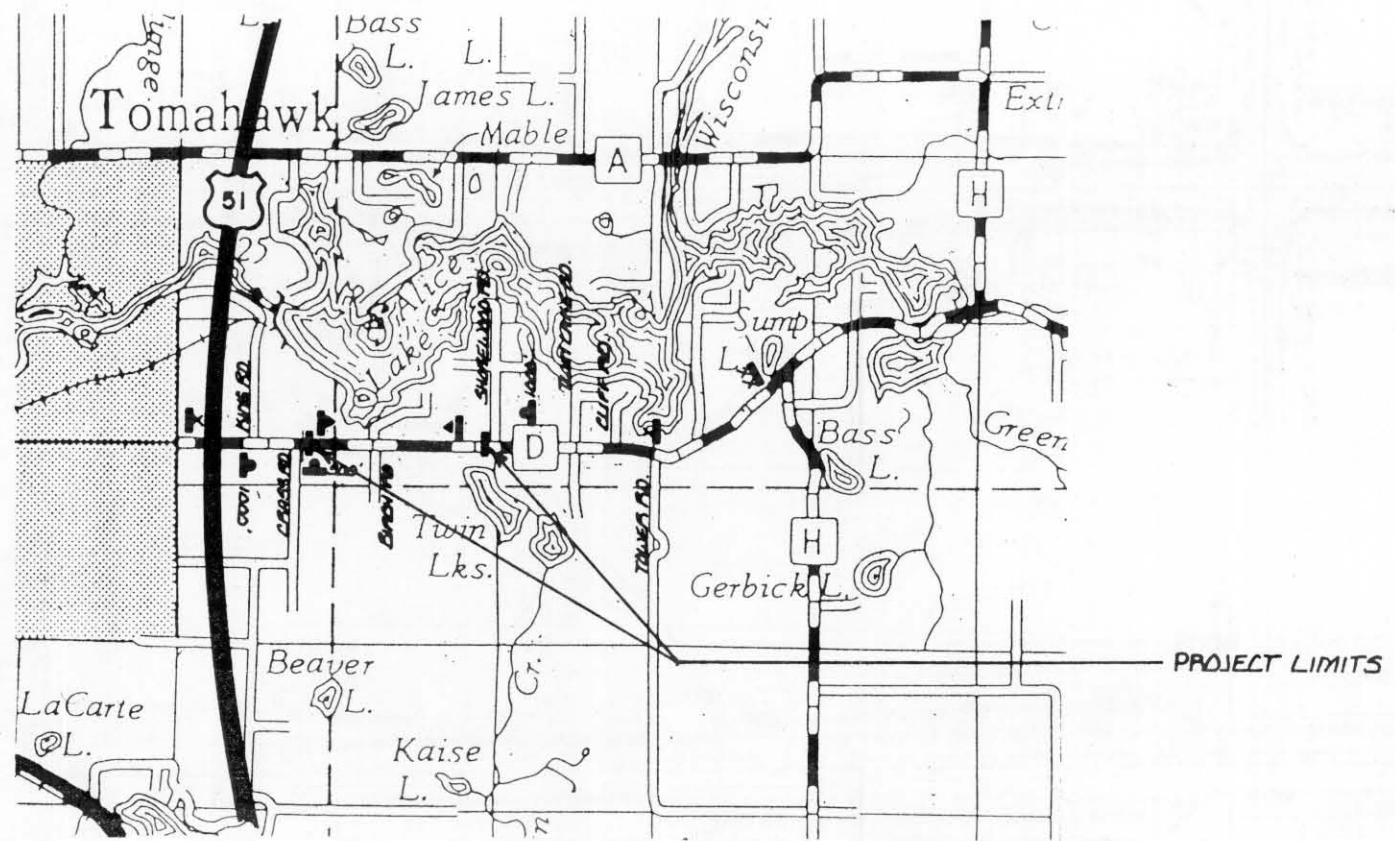


LEGEND

-  ROAD CLOSED - LOCAL TRAFFIC ONLY
R11-3 60" x 30"
-  TYPE III BARRICADE
-  ROAD CLOSED
R11-2 48" x 30"

-  ROAD CLOSED
1 MILE AHEAD
LOCAL TRAFFIC ONLY
R11-3 60" x 30"
-  ROAD CLOSED
1.0 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3 60" x 30"

NOTE: SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS UNLESS OTHERWISE PROVIDED IN THE PLAN.



TRAFFIC CONTROL PLAN

R/W PROJECT NUMBER	9410-01-00	SHEET NUMBER	4.0	TOTAL SHEETS	4
FEDERAL PROJECT NUMBER		PLAT OF RIGHT OF WAY REQUIRED FOR			
U.S.H. 51-C.T.H. "H"					
C.T.H. "D"		LINCOLN COUNTY			
CONSTRUCTION PROJECT NUMBER					
9410-1-70				4.0	

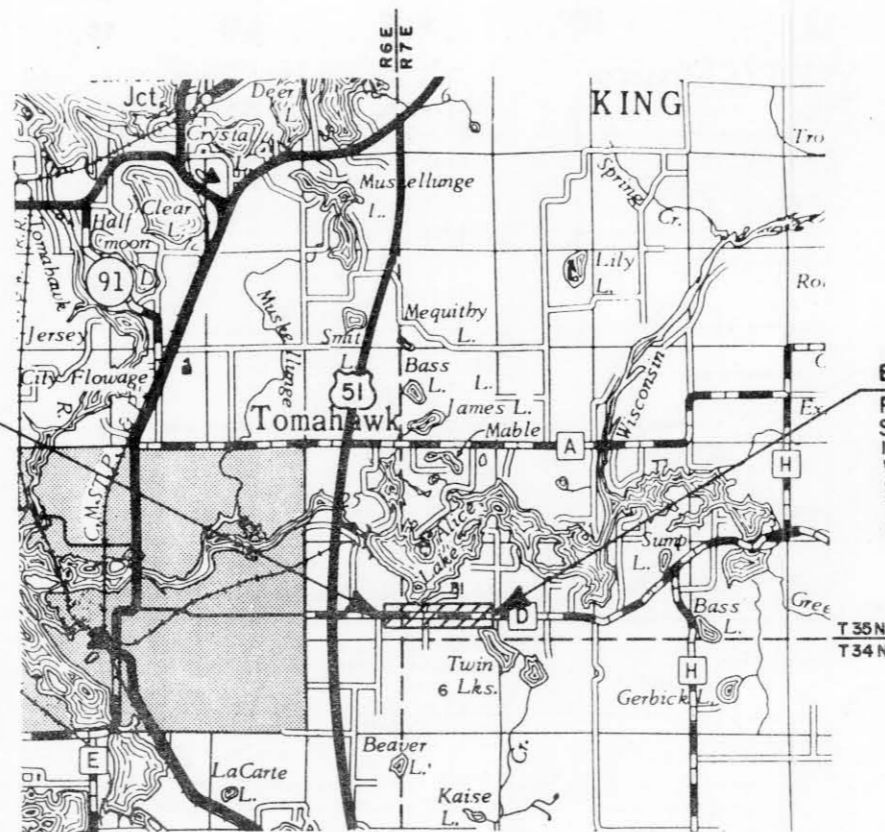
R-1/1/10/88

Conventional Signs and Abbreviations

TOWNSHIP AND RANGE LINES	-----	POWER POLE	⊠
SECTION LINE	-----	TELEPHONE POLE	⊙
QUARTER LINE	-----	UNDERGROUND CABLE MARKER	—○—
SIXTEENTH LINE	-----	CATTLE PASS	—○—
NEW CENTERLINE	-----	WELL	■
NEW R/W LINE	-----	STONE MONUMENT	•
OLD R/W LINE	-----	IRON PIPE	• P
PROPERTY LINE	-----	R/W MONUMENT	•
CORPORATE LIMITS	//////	NO ACCESS (BY ACQUISITION)	-----
SLOPE INTERCEPTS	-----	NO ACCESS (BY STATUTORY AUTHORITY)	-----
NO ACCESS (PROJECT)	-----		

AC	ACRES
AHD	AHEAD
BK	BACK
B.M.	BENCH MARK
C	CENTERLINE
C.T.H.	COUNTY TRUNK HIGHWAY
C.P.	CULVERT PIPE
D	DEGREE OF CURVE
E	EAST
HSE	HOUSE
I OR Δ	INTERSECTION ANGLE
L	LENGTH OF CURVE
L.H.E.	LIMITED HIGHWAY EASEMENT
N	NORTH
P.C.	POINT OF CURVE
P.T.	POINT OF TANGENT
P.E.	PRIVATE ENTRANCE
R	RADIUS
REM	REMAINING
R/W	RIGHT OF WAY
RD	ROAD
S	SOUTH
S.F.	SQUARE FOOT
STA	STATION
T	TANGENT
TEMP	TEMPORARY
W	WEST

BEGIN RELOCATION ORDER
 PROJ. 9410-01-00
 STA. 137+27.43
 1312.61' NORTH AND 1219.71' WEST
 OF THE S.E. COR. OF SEC. 36, T 35 N,
 R 6 E.
 Y 597,180 (±50')
 X 2,082,945 (±50')



END RELOCATION ORDER
 PROJ. 9410-01-00
 STA. 199+37.69
 1304.62' SOUTH AND 283.67'
 WEST OF THE WEST 1/4 COR. OF
 SEC. 31, T 35 N, R 7 E.
 Y 597,115 (±50')
 X 2,089,155 (±50')

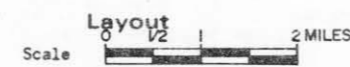
Notes: BEARING ORIENTATION

RIGHT-OF-WAY BEARINGS ARE ORIENTED TO GRID NORTH.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD. OTHER INFORMATION IS PROVIDED TO SUPPLEMENT THE BASIC PERIMETER DESCRIPTION AND SHALL NOT BE CONSTRUED TO PREVAIL OVER THE PERIMETER DESCRIPTION.

COORDINATE NOTE

ALL COORDINATES ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM NORTH ZONE AND SCALED FROM U.S.G.S. TOPOGRAPHIC MAP TOMAHAWK, WI. 1982, 7.5 MINUTE WISCONSIN QUADRANGLE FOR IDENTIFICATION ONLY.



Total Net Length of Centerline = 1.176 Mi.

APPROVED FOR
LINCOLN COUNTY

6/22/87 Michael L. Hemp
DATE COUNTY HWY. COMMISSIONER

ORIGINAL PLANS PREPARED
BY
SHORT ELLIOTT HENDRICKSON, INC.
CONSULTING ENGINEERS
CHIPPEWA FALLS WISCONSIN
ST. PAUL MINNESOTA

7/2/87
DATE

REVISION DATE	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
Correct:	
Date _____	District Engineer
Recommended for Approval:	
Date <u>12-9-88</u>	<u>Robert D. Pugh</u> District Transportation Director
Approved:	
Date _____	Director Bureau of Real Estate
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION REGION 5 WISCONSIN DIVISION	
Approved:	
Date _____	Division Engineer

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

REVISION DATE

ROUTE

COUNTY

DATE

R/W PROJECT NUMBER

SHEET NUMBER

C.T.H."D"

LINCOLN

9410-01-00

41

FEDERAL PROJECT NUMBER

41

9410-1-70

41

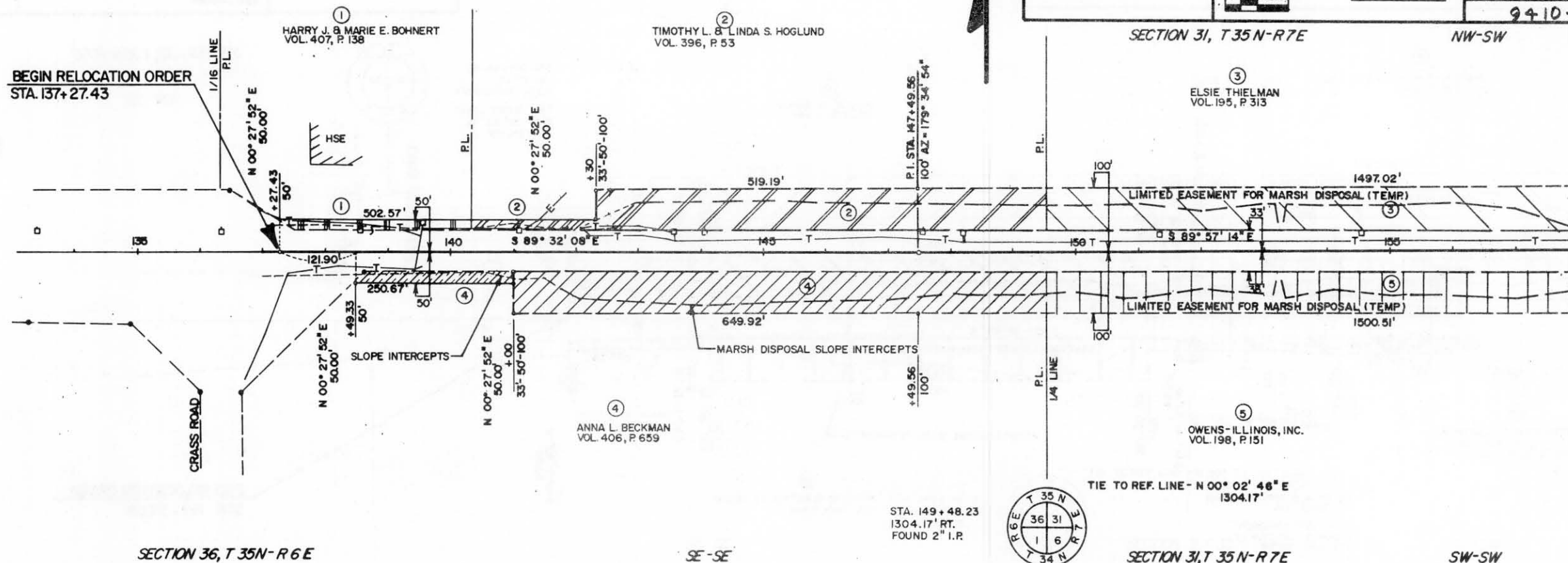
PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	TOTAL ACRES	NEW	R/W ACRES EXISTING	TOTAL	TOTAL ACRES REM.	L.H.E. ACRES TEMP.	L.H.E. ACRES PERM.
1	4.2	HARRY AND MARIE BOHNERT	FEE	3.2	0.12	0.4	0.52	2.48		
2	4.2	TIMOTHY AND LINDA HOGLUND	FEE	36.8	0.08	0.7	0.78	36.02	1.10	
3	4.2	ELSIE THEILMAN	FEE	40.0	0.00	1.0	1.00	39.00	2.00	
4	4.2	ANNA BECKMAN	FEE	37.7	0.11	2.4	2.51	35.19	1.33	
5	4.2	OWENS-ILLINOIS, INC.	FEE	40.0	0.00	1.0	1.00	39.00	2.03	
6	4.2	DALE AND MARIE STRASSMAN	FEE	2.8	0.19	0.6	0.79	2.55		
7	4.2	DEAN AND MARY PELKEY	FEE	13.3	0.36	0.6	0.96	12.34	0.09	0.11
8	4.2 4.3	JAMES AND MARJORIE SAUER	FEE	40.0	0.49	1.0	1.49	38.51	0.64	
9	4.2	HELEN FRITZ	FEE	1.15	0.05	0.30	0.35	0.80		
10	4.2	HARMON AND DELORES DU PLAYEE	FEE	38.85	0.55	0.8	1.35	37.50		
11	4.2	SANDRA AUSTIN	FEE	6.1	0.10	0.15	0.25	5.85		
12	4.2	RICHARD AND SANDRA AUSTIN	FEE	13.9	0.12	0.35	0.47	13.43	0.41	
13	4.2 4.3	RICHARD AND JUDITH VANSTRYDONK	FEE	10.9	0.14	0.3	0.44	10.46	0.16	
14	4.3	PETER AND CORINNE SWAN	FEE	9.1	0.20	0.2	0.40	8.70		
15	4.3	GEORGE HARER	FEE	40.0	0.17	2.0	2.17	37.83	1.08	
16	4.3	HATTIE AND RICHARD DEBRUIN	FEE	40.0	0.13	1.0	1.13	38.87	1.08	

SECTION 36, T 35 N-R 6 E

TOWN OF BRADLEY

NE-SE

REVISION DATE	ROUTE C.T.H. "D"	COUNTY LINCOLN	DATE	R/W PROJECT NUMBER 9410-01-00	SHEET NUMBER 4.2
	SCALE, FT. 0 100'	GRID FACTOR		FEDERAL PROJECT NUMBER 9410-1-70	4.2



SECTION 36, T 35 N-R 6 E

SE-SE

SECTION 31, T 35 N-R 7 E

SW-SW

NW-SW

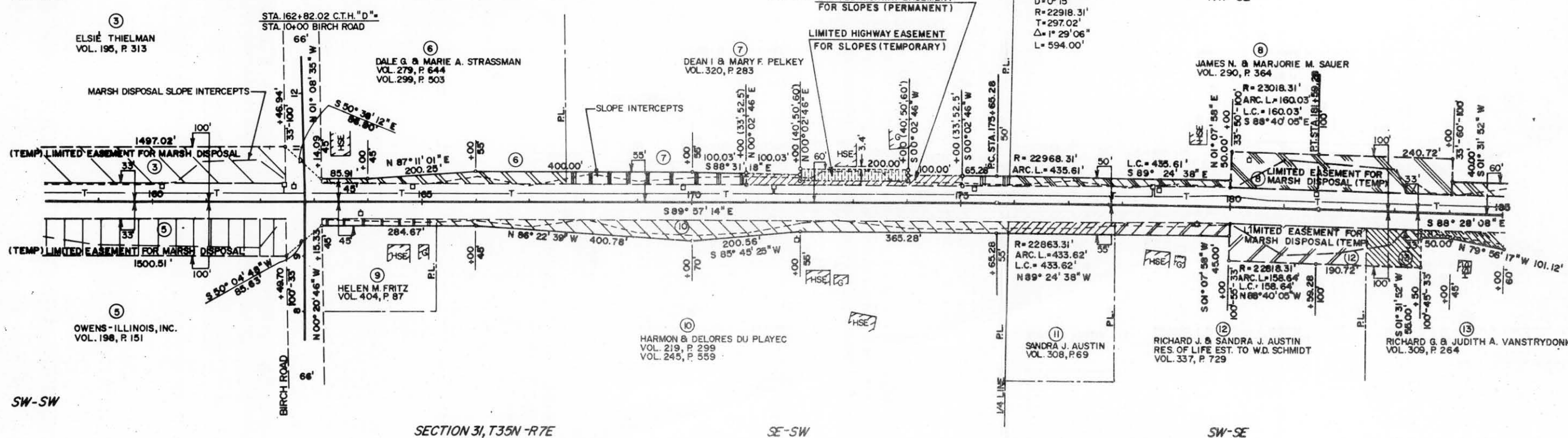
SECTION 31, T 35 N-R 7 E

TOWN OF KING

NE-SW

NW-SE

N



SECTION 31, T 35 N-R 7 E

SE-SW

SW-SE

SW-SW

NW-SE

SECTION 31, T 35N-R7E

TOWN OF KING

NE-SE

REVISION DATE

ROUTE
C.T.H. "D"

COUNTY
LINCOLN

DATE

R/W PROJECT NUMBER
9410-01-00

SHEET
NUMBER

SCALE, FT.

GRID FACTOR

FEDERAL PROJECT NUMBER

4.3

9410-1-00

4.3

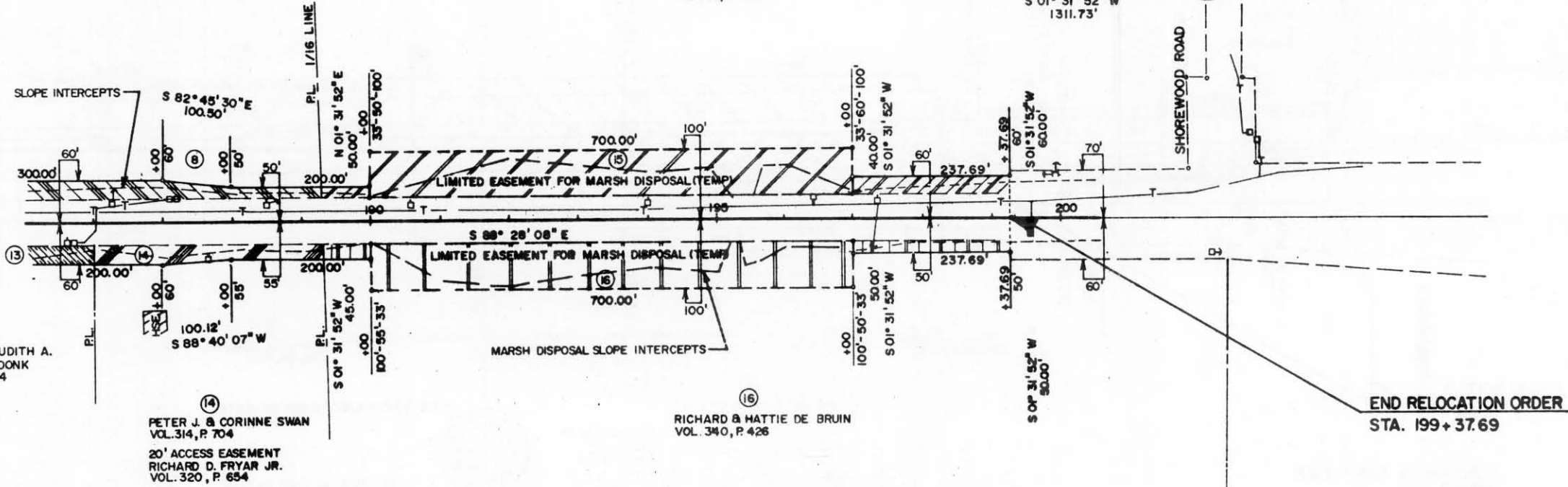
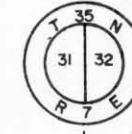
SECTION 32, T 35N-R7E

NW-SW

⑧
JAMES N. & MARJORIE M. SAUER
VOL. 290, P. 364

⑮
GEORGE G. HARER
VOL. 388, P. 498

STA. 201+86.41
1311.73' LT.
ALUM. MONUMENT
TIE TO REF. LINE -
S 01° 31' 52" W
1311.73'



⑬
RICHARD G. & JUDITH A.
VANSTRYDONK
VOL. 309, P. 264

⑭
PETER J. & CORINNE SWAN
VOL. 314, P. 704
20' ACCESS EASEMENT
RICHARD D. FRYAR JR.
VOL. 320, P. 654

⑯
RICHARD & HATTIE DE BRUIN
VOL. 340, P. 426

END RELOCATION ORDER
STA. 199+37.69

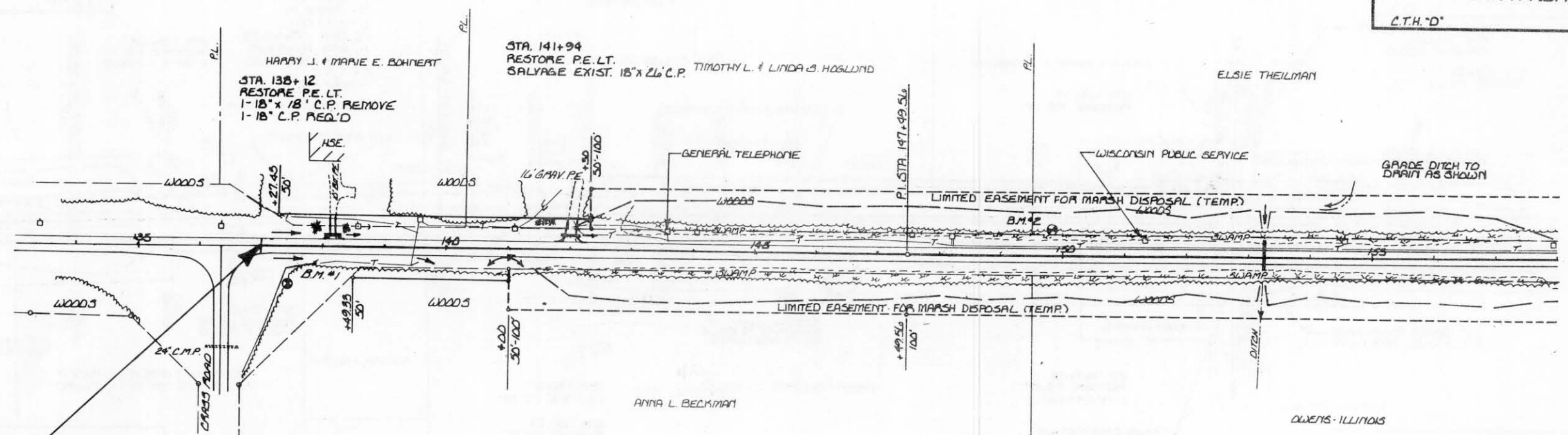
SW-SW

SW-SE

SECTION 31, T 35N-R7E

SE-SE

SECTION 32, T 35N-R7E

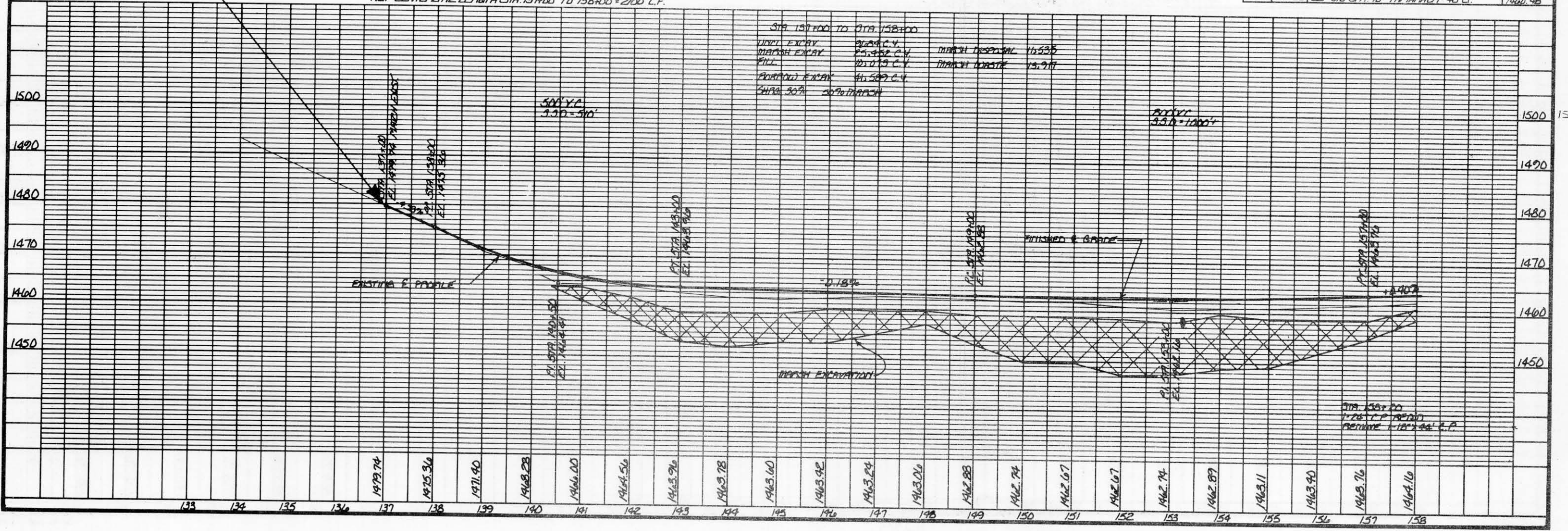


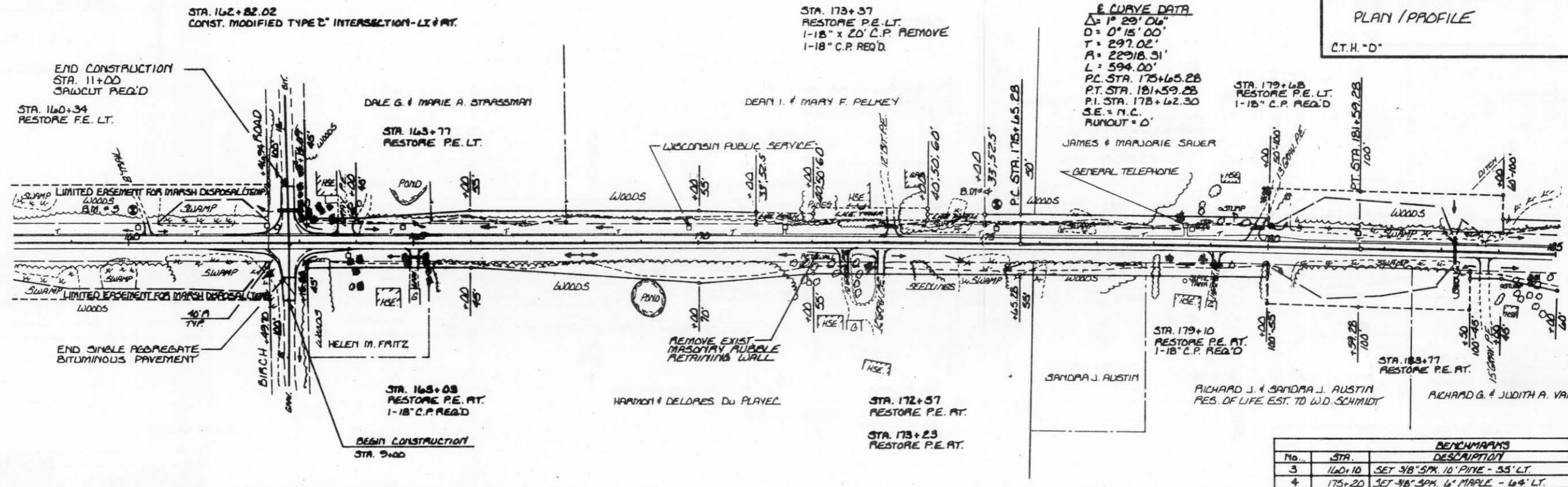
BEGIN PROJECT No. 9410-01-00
STA. 137+00 - SAWCUT REQ'D

NET CENTERLINE LENGTH STA. 137+00 TO 158+00 = 2100 L.F.

BENCHMARKS			
No.	STA.	DESCRIPTION	ELEV.
1	137+40	SET 3/8" SPK 12" ELM - 55' AT	1480.06
2	149+80	SET 3/8" SPK 10" TAMARAC - 40' LT.	1460.98

STA. 137+00 TO STA. 158+00	
LIMIT EXCAV	26,850 C.Y.
MARSH EXCAV	25,452 C.Y.
FILL	10,000 C.Y.
FOOTWALL EXCAV	41,500 C.Y.
SHRUB 30%	20% TO 100%
MARSH DISPOSAL	10,535
MARSH RESTOR	15,977

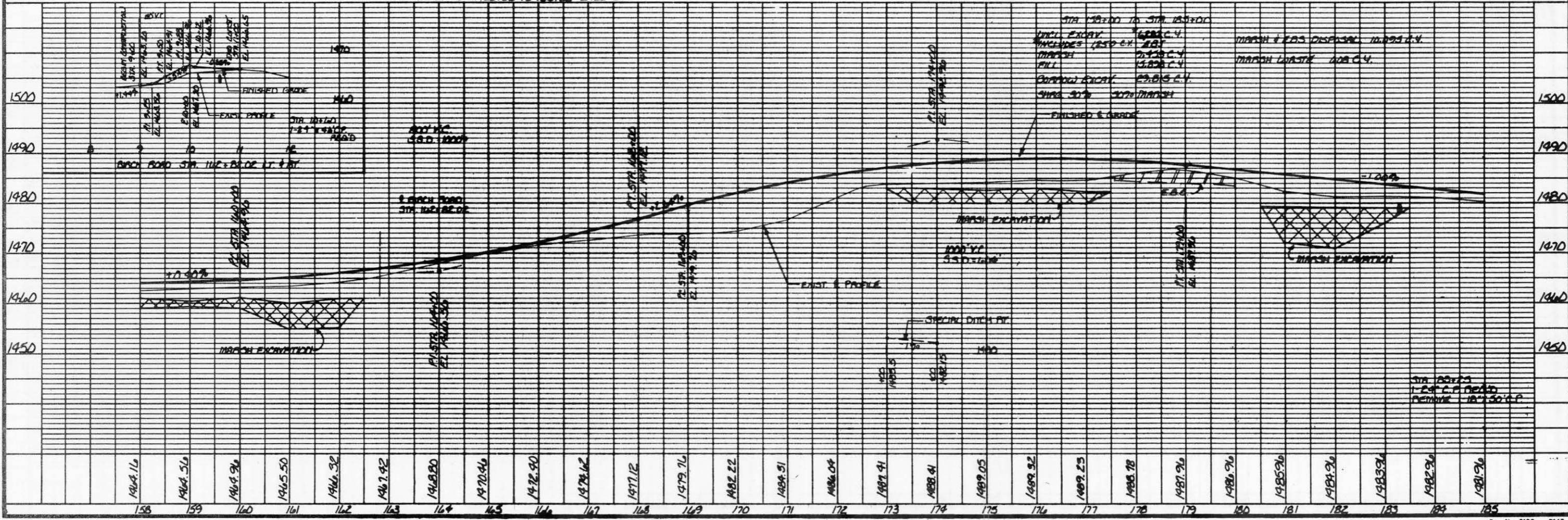




E CURVE DATA
 $\Delta = 1^{\circ} 20' 06''$
 $D = 0^{\circ} 15' 00''$
 $T = 297.02'$
 $R = 22918.51'$
 $L = 594.00'$
 P.C. STA. 175+65.28
 P.T. STA. 181+59.28
 P.I. STA. 178+62.30
 S.E. = N.C.
 RUNOUT = 0'

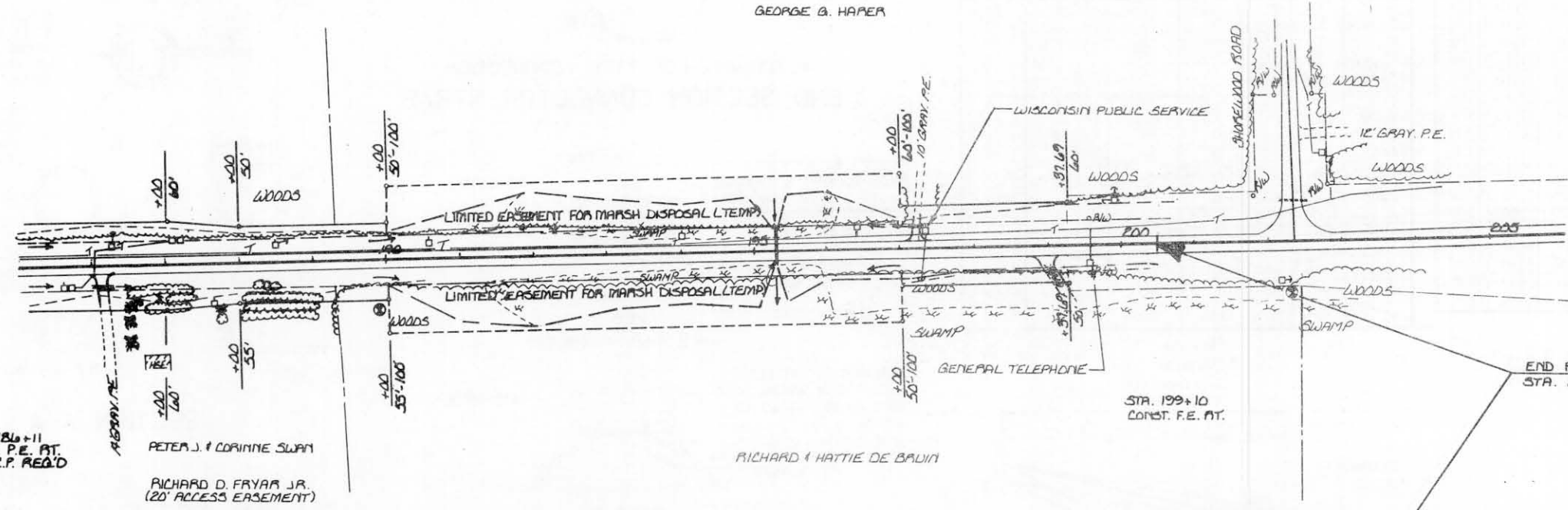
BENCHMARKS			
No.	STA.	DESCRIPTION	ELEV.
3	116+10	SET 3/8" SPIR. 10' PINE - 55' LT.	1445.08
4	175+20	SET 3/8" SPIR. 6' MAPLE - 64' LT.	1485.27

NET CENTERLINE LENGTH STA. 158+00 TO 185+00 = 2700 L.F.



STA. 197+16
 RESTORE P.E. LT.
 1-18" x 18" C.P. REMOVE
 1-18" C.P. READ

GEORGE G. HAPER



END PROJECT No. 9410-01-00
 STA. 200+50 - SAWCUT READ

STA. 186+11
 CONST. P.E. AT
 1-18" C.P. READ

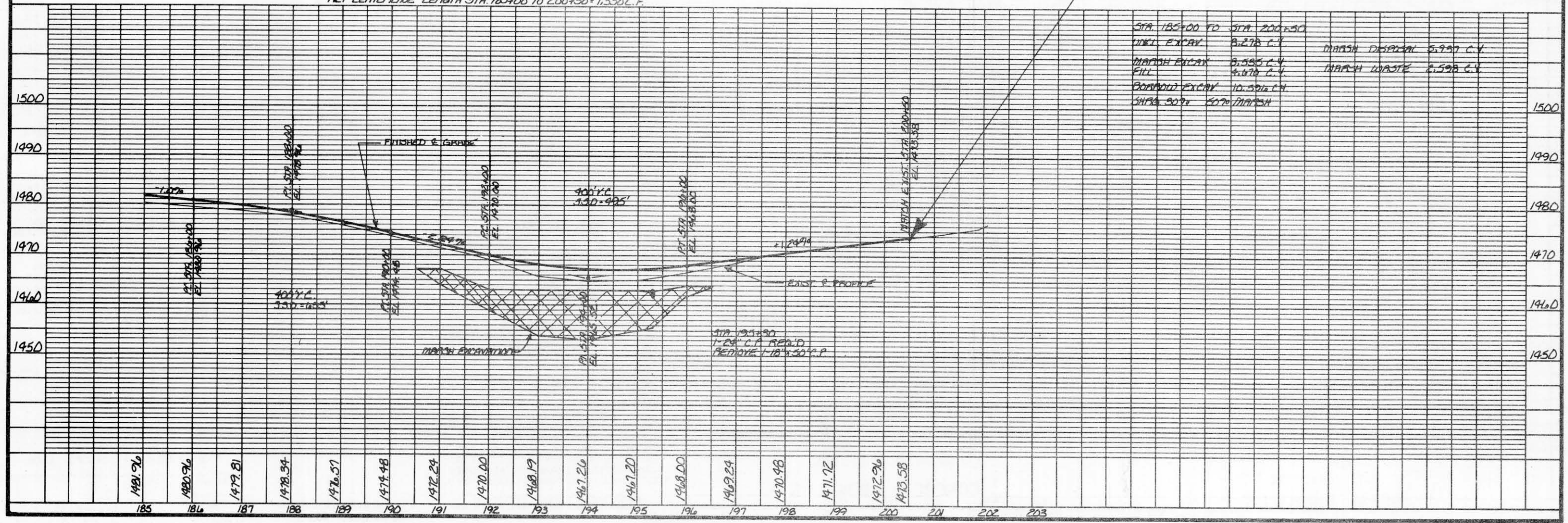
PETER J. & CORINNE SWAN

RICHARD D. FRYAR JR.
 (20' ACCESS EASEMENT)

STA. 199+10
 CONST. P.E. AT

BENCHMARKS			
No.	STA.	DESCRIPTION	ELEV.
5	183+90	SET 3/8" SPK. 12" MAPLE RT. 68' AT.	1472.14
6	202+33	SET 3/8" SPK. 24" PINE AT. 67' AT.	1466.92

NET CENTERLINE LENGTH STA. 185+00 TO 200+50 = 1,550 L.F.



STA.	DESCRIPTION	QUANTITY
185+00 TO 200+50	NET EXCAV.	8,278 C.Y.
	MARSH DISPOSAL	5,997 C.Y.
	MARSH EXCAV.	8,595 C.Y.
	MARSH WASTE	2,598 C.Y.
	FILL	4,870 C.Y.
	BORROW EXCAV.	10,596 C.Y.
	SHA. 3070	5070 MARSH