

PLAN OF PROPOSED IMPROVEMENT

LOOP ROAD

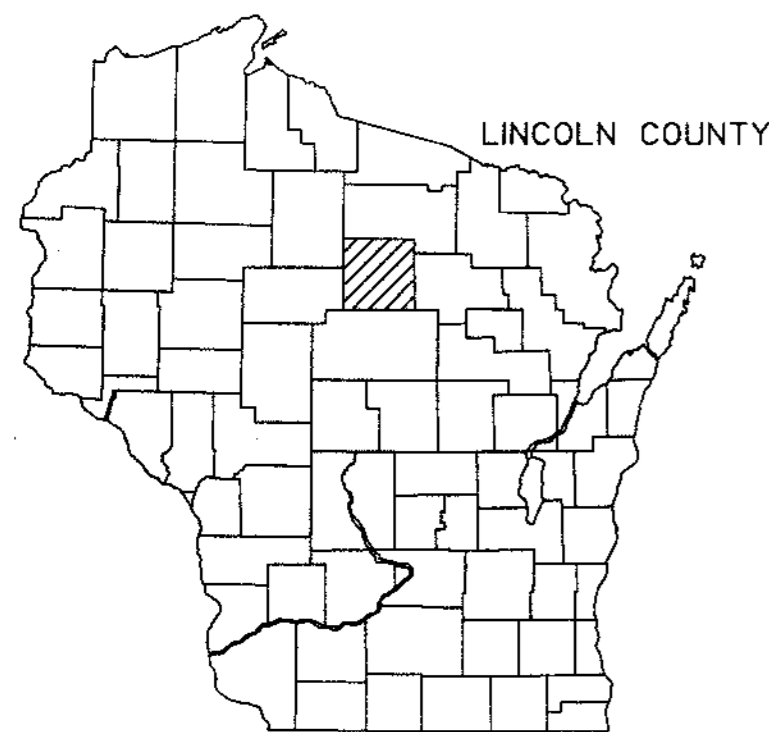
TOWN OF BRADLEY

LINCOLN COUNTY

INDEX OF SHEETS

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Sheet No.	3	Miscellaneous Quantities
Sheet No.	4-9	Plan and Profile
Sheet No.	10-22	Cross Sections

TOTAL SHEETS = 22



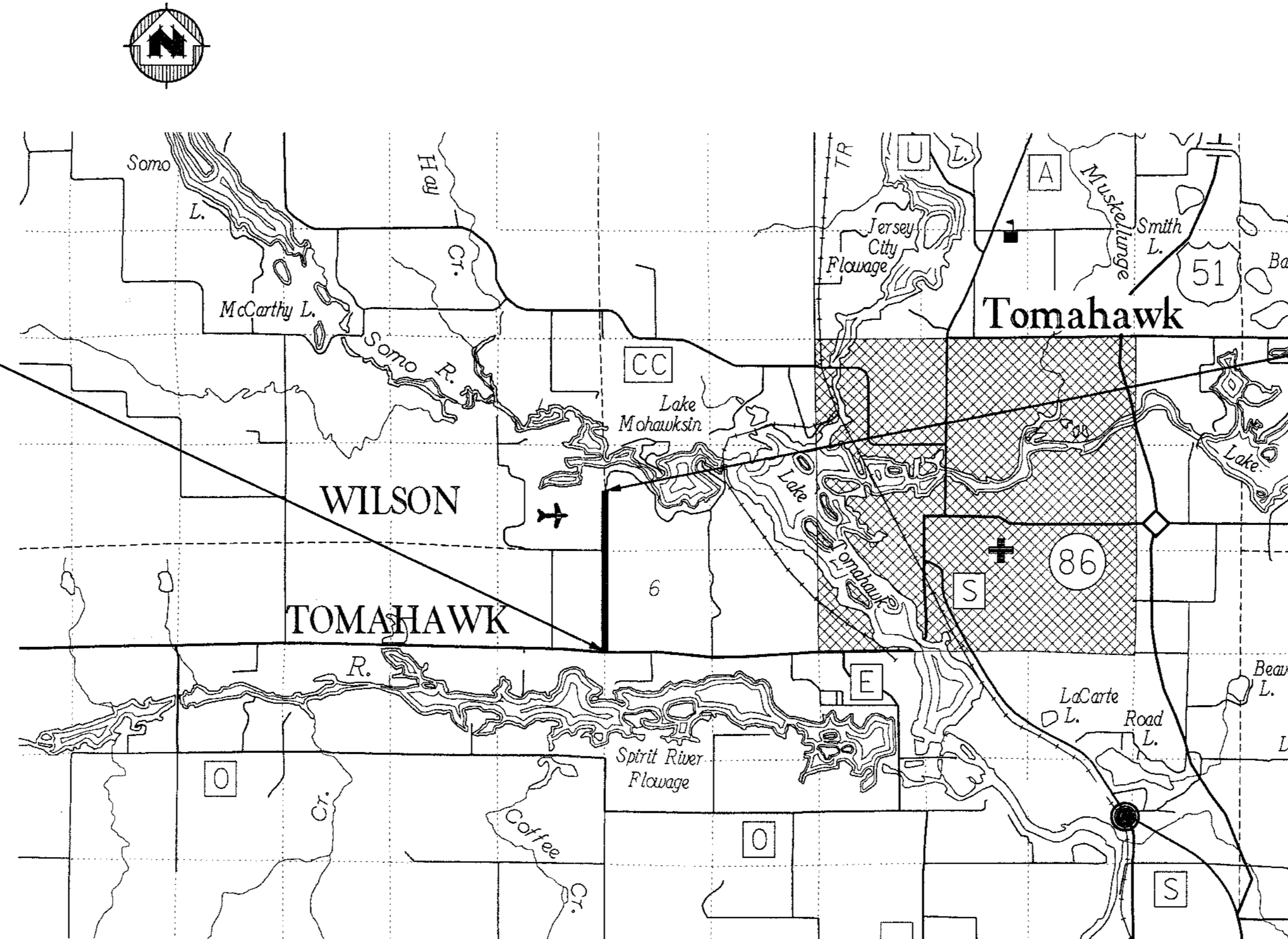
DESIGN DESIGNATION

A.D.T.	1996	=	300
A.D.T.	2016	=	400
D.		=	40 M.P.H.
DESIGN SPEED		=	45 M.P.H.

CONVENTIONAL SIGNS

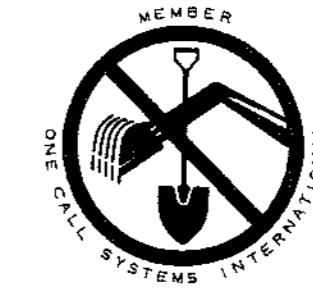
COUNTY LINE	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SURVEY LINE	
SLOPE INTERCEPT	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
CULVERT (Profile View)	

COMBUSTIBLE FLUIDS	
UNDERGROUND UTILITIES	
GAS	
ELECTRIC	
TELEPHONE OR TELEGRAPH	
SERVICE PEDESTAL	
POWER POLE	
TELEPHONE POLE	
RAILROAD	
MARSH AREA	
WOODED OR SHRUB AREA	
SILT FENCE	
EROSION BALES	
EROSION MAT	



LAYOUT
SCALE 0 5000 FT

TOTAL NET LENGTH OF CENTERLINE = 1.43 MI.



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE

1-800-242-8511

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TELEFAX 1-800-338-3860
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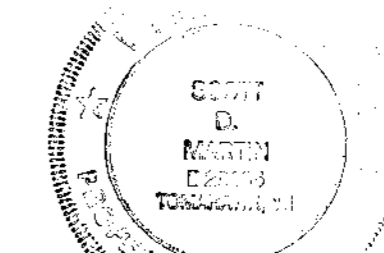
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

UTILITIES

ELECTRIC & GAS: WISCONSIN PUBLIC SERVICE
VAL LUKOWSKI
P.O. BOX 286
TOMAHAWK, WI 54487
1-715-453-7870

TELEPHONE: GTE-NORTH
JIM BRICKEY
P.O. BOX 845
MINOQUA, WI 54548
1-715-356-3202

CABLE TV: RHINELANDER CABLE TV
JEFF ANTONUK
24 WEST RIVES
RHINELANDER, WI 54501
1-715-369-3942



Scott Martin
11/6/97

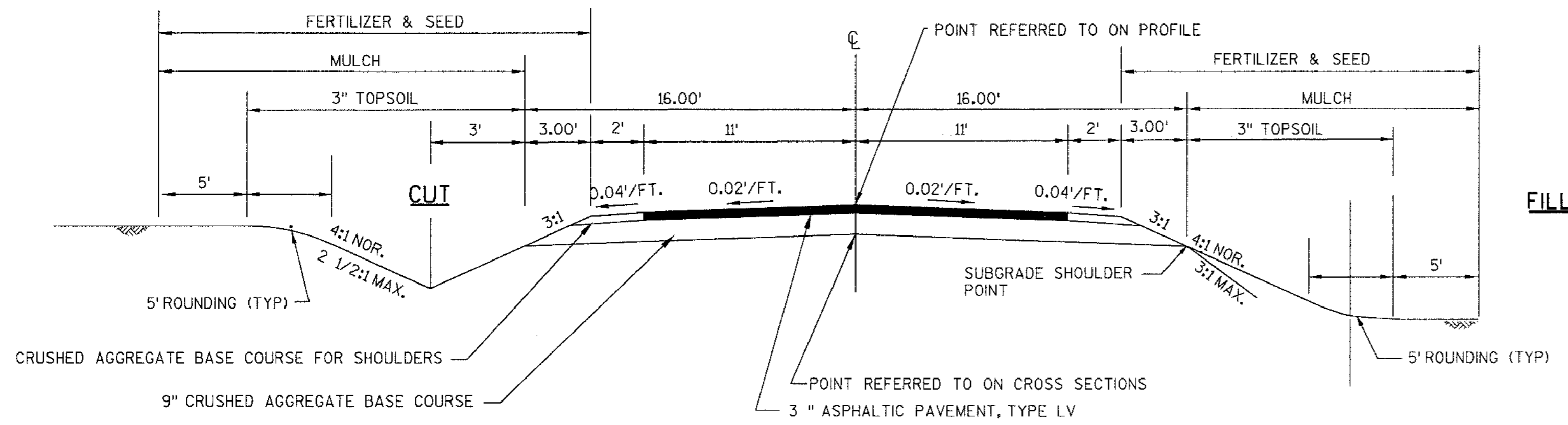
NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

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PROJECT NO.	939733
DATE	OCT. 1997
SCALE	AS SHOWN
DATE	
NO.	
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PLAN AND PROFILE
 LOOP ROAD RECONSTRUCTION
 TOWN OF BRADLEY
 LINCOLN COUNTY, WISCONSIN

FILE NO.
 SHEET
 1 of 22

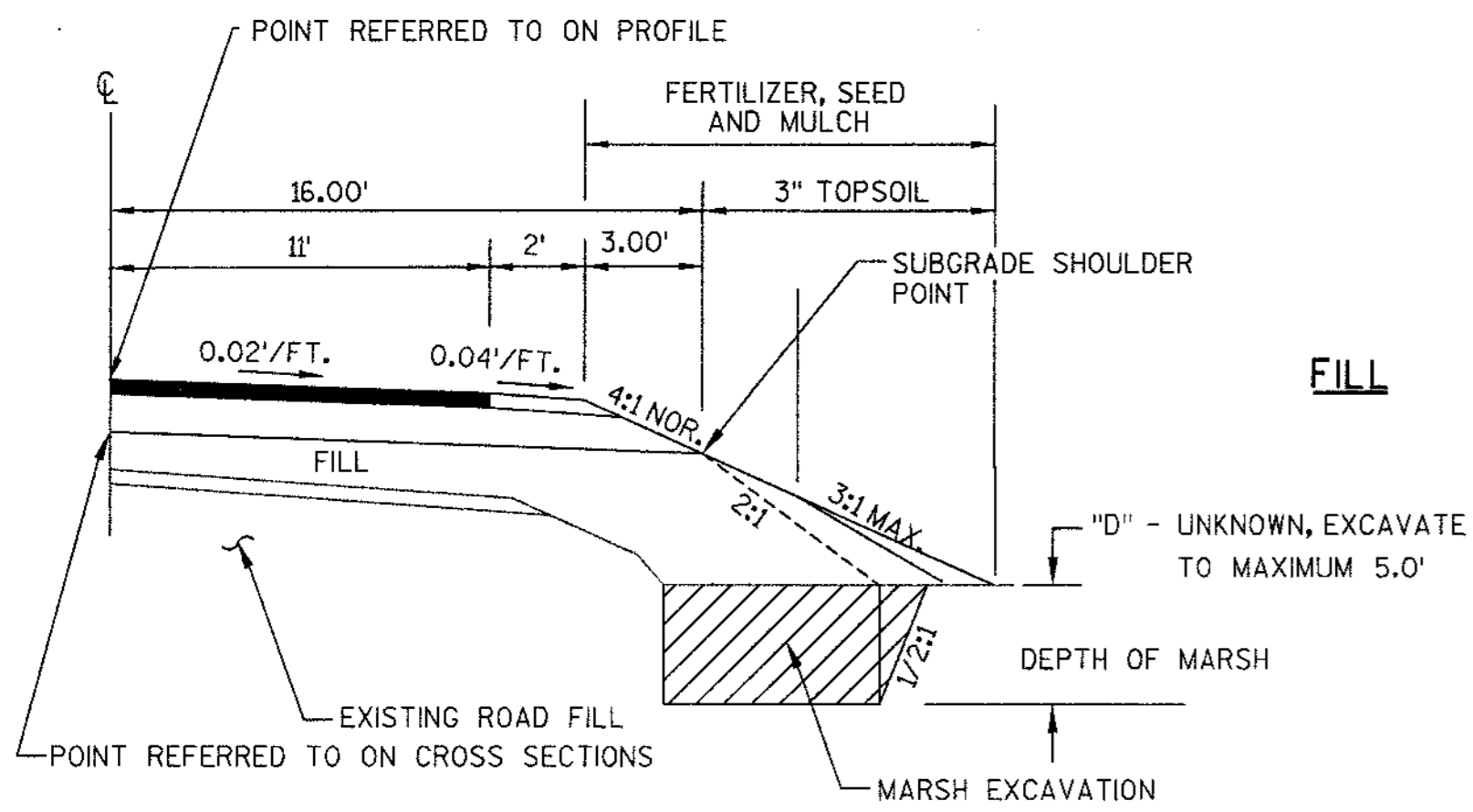


FILL

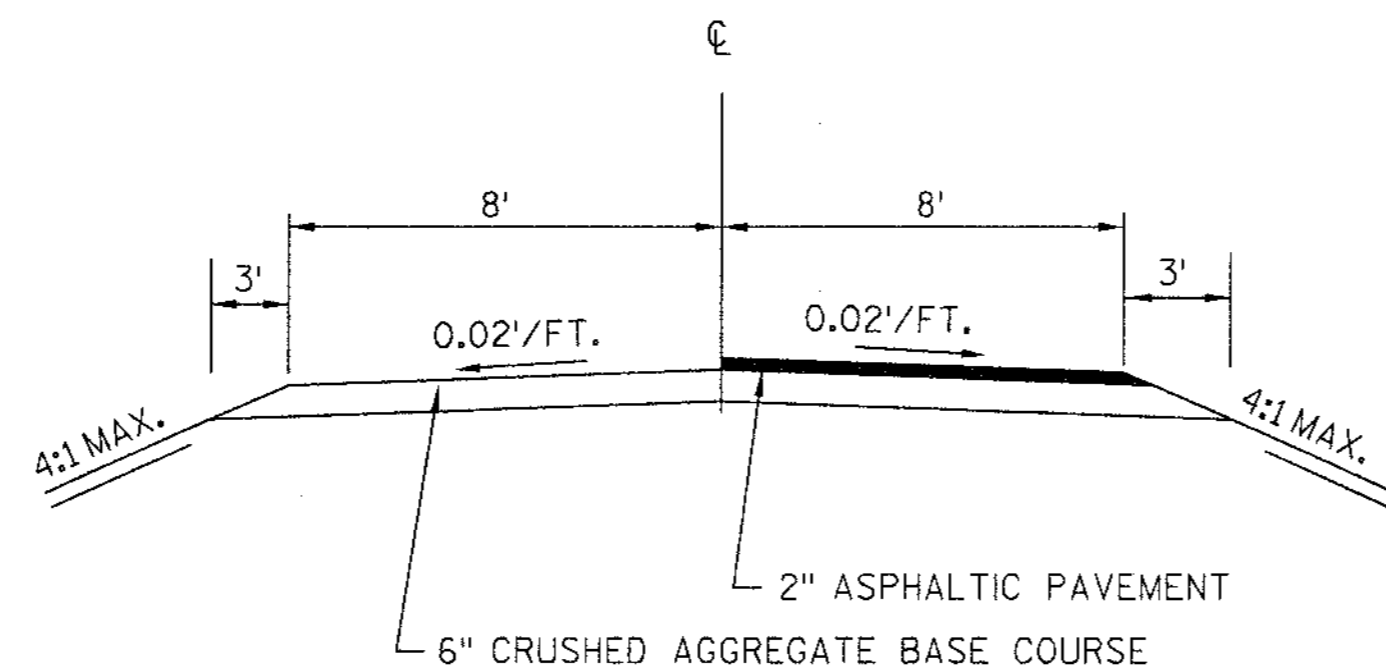
GENERAL NOTES

1. Topsoil shall be placed at a uniform depth of 3-inches.
2. No trees or shrubs are to be removed without the prior approval of the Owner's representative.
3. The exact location for private and field entrances shall be determined by the Owner's representative in the field.
4. Silt fence for sandy soils shall be used.
5. Seed mixture shall be Wis.D.O.T. type 20.
6. The location of existing and proposed utility installation as shown on the plans are approximate.
7. All disturbed areas within the right of way, outside the shoulder point, shall be seeded, fertilized and mulched.
8. The exact location of culvert pipes shall be determined by the Owner's representative in the field.
9. Meeting existing pavement with new pavement shall be performed by butt joint. All butt joints are to be saw cut.
10. The item of unclassified excavation includes the existing asphaltic surface (approximately 3 inches).
11. Cubic yards of fill as shown on the plan sheets pertains to embankments constructed from unclassified excavation and computed with a shrinkage factor of 30% based on the volume of the fill.
12. Topsoil may be supplemented with salvaged topsoil when available.
13. Private and field entrances shall be restored in kind, dirt driveways shall be graveled to construction limits.
14. Contractor shall be responsible for the protection of all property irons and replacement of all disturbed irons.

**TYPICAL SECTION
LOOP ROAD
STA. 11+96 TO 87+32**



FILL

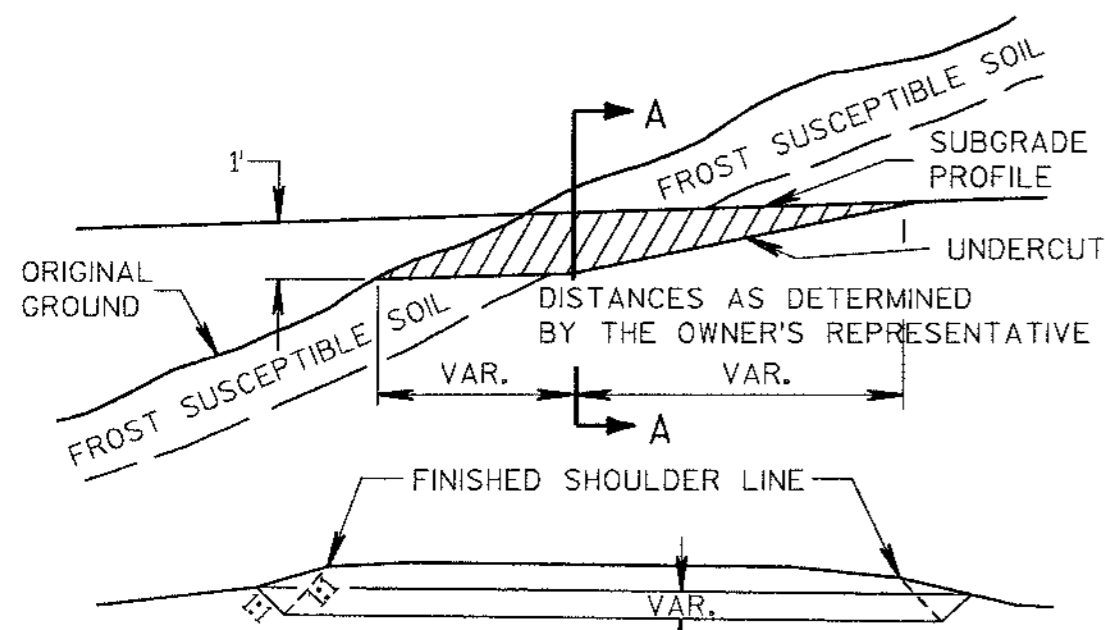


**TYPICAL SECTION
PRIVATE & FIELD ENTRANCES**

ABBREVIATIONS:

- | | | | |
|--------------------------------------|--------------------|-------------------|-------------------------|
| PC = POINT OF CURVATURE | R/W = RIGHT OF WAY | NOR. = NORMAL | LF. = LINEAL FEET |
| PT = POINT OF TANGENCY | BLDG. = BUILDING | TYP. = TYPICAL | SY. = SQUARE YARD |
| PI = POINT OF INTERSECTION | BM = BENCH MARK | TAN. = TANGENT | CY. = CUBIC YARD |
| PVC = POINT OF VERTICAL CURVE | EX. = EXISTING | LBS. = POUNDS | P.E. = PRIVATE ENTRANCE |
| PVT = POINT OF VERTICAL TANGENT | CONC. = CONCRETE | CWT. = 100 WEIGHT | F.E. = FIELD ENTRANCE |
| PVI = POINT OF VERTICAL INTERSECTION | HYD. = HYDRANT | MAX = MAXIMUM | |
| P.O.T. = POINT ON TANGENT | | | |

**TYPICAL HALF SECTION MARSH EXCAVATION
STA. 20+00 TO 22+00
STA. 82+50 TO 84+00**



NOTE: EXACT LOCATIONS AND EXTENT OF E.B.S. SECTIONS SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. E.B.S. AREA TO BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE OWNER'S REPRESENTATIVE. BACKFILL MUST BE HOMOGENEOUS WITH ADJOINING FILL MATERIAL. THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED.

**SECTION A-A
CROSS SECTION SHOWING UNDERCUT
DETAIL FOR EXCAVATION BELOW
SUBGRADE AT CUTS**

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BY		REVISION		DATE		NO.		PROJECT NO.: 939733	DATE: OCT, 1997	SCALE: AS SHOWN
								F.B.I.	DRAWN BY: PJK	CHECKED BY: CAD
								CADD FILE NO.: ...smt1scdet.dgn	PLOT DATE: 05 NOV 97	PLOT TIME: 10:03:30

**PLAN AND PROFILE
LOOP ROAD RECONSTRUCTION
TOWN OF BRADLEY
LINCOLN COUNTY, WISCONSIN**

FILE NO.
SHEET
2 OF 22

CLEARING AND GRUBBING			
LOCATION	CLEARING STA.	GRUBBING STA.	CODE
STA. 11+96 - 61+00	49	49	1
STA. 61+00 - 87+32	26	26	2
TOTAL	75	75	

UNCLASSIFIED EXCAVATION					
LOCATION	EXCAVATION C.Y.	FILL C.Y.	WASTE C.Y.	BORROW C.Y.	CODE
STA. 11+96 - 28+25	2211	2211	0	0	1
STA. 28+25 - 34+25	740	740	0	0	1
STA. 34+25 - 60+00	2431	2431	0	0	1
STA. 60+00 - 61+00	40	487	0	447	1
STA. 61+00 - 65+00	951	504	447	0	2
STA. 65+00 - 87+32	1752	1359	393	0	2
TOTAL	8125	7732	840	447	

MARSH EXCAVATION		
LOCATION	EXCAVATION C.Y.	CODE
STA. 20+00 - 22+00	412	1
STA. 82+50 - 84+00	180	2
TOTAL	592	

GRANULAR BACKFILL		
LOCATION	C.Y.	CODE
STA. 11+96 - 61+00	500	1
STA. 61+00 - 87+32	250	2
TOTAL	750	

EXCAVATION BELOW SUBGRADE		
LOCATION	C.Y.	CODE
STA. 11+96 - 61+00	500	1
STA. 61+00 - 87+32	250	2
TOTAL	750	

CRUSHED AGGREGATE BASE COURSE			
LOCATION	DESCRIPTION	S.Y.	CODE
STA. 11+96 - 61+00	9" BASE COURSE	17253	1
STA. 61+00 - 87+32	9" BASE COURSE	9413	2
STA. 11+96 - 61+00	3" SHOULDER	2194	1
STA. 61+00 - 87+32	3" SHOULDER	1186	2
STA. 18+85	6" P.E. RT.	38	1
STA. 18+90	6" P.E. LT.	42	1
STA. 19+75	6" P.E. LT.	24	1
STA. 22+50	6" P.E. RT.	51	1
STA. 23+40	6" P.E. RT.	31	1
STA. 23+95	6" P.E. LT.	40	1
STA. 26+95	6" P.E. RT.	40	1
STA. 38+17	6" P.E. RT.	27	1
STA. 39+70	6" P.E. RT.	45	1
STA. 39+70	6" P.E. LT.	45	1
STA. 52+15	6" P.E. RT.	51	1
STA. 55+05	6" P.E. RT.	51	1
STA. 64+95	6" P.E. RT.	29	2
STA. 72+80	6" P.E. RT.	31	2
STA. 74+50	6" P.E. LT.	36	2
STA. 75+02	6" P.E. RT.	29	2

ASPHALTIC CONCRETE PAVEMENT, TYPE LV			
LOCATION	DESCRIPTION	S.Y.	CODE
STA. 11+96 - 61+00	3" MAINLINE	12136	1
STA. 61+00 - 87+32	3" MAINLINE	6649	2
STA. 22+50	2" P.E. RT.	41	1
STA. 23+95	2" P.E. LT.	41	1

ASPHALTIC MATERIAL FOR PLANT MIX		
LOCATION	TONS	CODE
STA. 11+96 - 61+00	117	1
STA. 61+00 - 87+32	64	2
TOTAL	181	

GEOTEXTILE ROADWAY FABRIC		
LOCATION	S.Y.	CODE
STA. 20+00 - 32+00	4267	1
STA. 79+00 - 87+00	2844	2
TOTAL	7111	

SILT FENCE		
LOCATION	L.F.	CODE
STA. 16+50 - 18+00 RT.	150	1
STA. 20+25 - 22+75 RT.	250	1
STA. 24+25 - 31+75 RT.	750	1
STA. 34+75 - 37+75 RT.	300	1
STA. 38+75 - 39+25 RT.	50	1
STA. 39+75 - 41+25 RT.	150	1
STA. 43+75 - 44+25 RT.	50	1
STA. 45+50 - 47+25 RT.	175	1
STA. 54+50 - 61+00 RT.	650	1
STA. 61+00 - 62+50 RT.	150	2
STA. 77+25 - 78+75 RT.	150	2
STA. 80+75 - 87+00 RT.	625	2
STA. 81+00 - 87+00 LT.	600	2
TOTAL	4050	

EROSION BALES			
STATION	LOCATION	EACH	CODE
16+00	LT,RT	6	1
17+00	LT	1	1
18+00	LT,RT	6	1
19+00	LT,RT	6	1
20+00	LT,RT	6	1
25+00	LT	1	1
26+00	LT	1	1
30+00	LT	1	1
31+00	LT	1	1
32+00	LT,RT	6	1
33+00	LT,RT	6	1
34+00	LT,RT	6	1
66+00	LT,RT	6	2
68+00	LT,RT	6	2
70+00	LT,RT	6	2
72+00	LT,RT	6	2
74+00	LT,RT	6	2
76+00	LT,RT	6	2
78+00	LT	3	2
TOTAL		96	

RESTORATION						
STATION	LOCATION	TOPSOIL S.Y.	MULCHING S.Y.	FERTILIZER CWT.	SEED LBS.	CODE
11+96 - 61+00	RT	4275	7080	5.5	236.4	1
11+96 - 61+00	LT	4695	7443	5.7	245.7	1
61+00 - 87+32	RT	2137	3540	2.8	118.2	2
61+00 - 87+32	LT	2237	3718	2.9	124.7	2
TOTAL		13,344	21,781	16.9	725.0	

CULVERT PIPE TABLE					
LOCATION	DESCRIPTION	DIAMETER INCHES	LENGTH FEET	ENDWALLS	CODE
STA. 12+86	MAINLINE	15	34	2	1
STA. 21+00	MAINLINE	24	52	2	1
STA. 28+70	MAINLINE	24	46	2	1
STA. 36+28	MAINLINE	24	38	2	1
STA. 40+13	MAINLINE	24	38	2	1
STA. 56+25	MAINLINE	24	54	2	1
STA. 83+82	MAINLINE	24	38	2	1
STA. 9+50	RIVER ROAD	24	42	2	2
STA. 18+85	P.E. RT.	15	26	2	1
STA. 18+90	P.E. LT.	15	26	2	1
STA. 19+75	P.E. LT.	15	26	2	1
STA. 23+40	P.E. RT.	15	26	2	1
STA. 23+95	P.E. LT.	15	26	2	1
STA. 38+17	P.E. RT.	15	26	2	1
STA. 39+70	P.E. RT.	15	26	2	1
STA. 39+70	P.E. LT.	15	26	2	1
STA. 52+15	P.E. RT.	15	26	2	1
STA. 64+95	P.E. RT.	15	26	2	1
STA. 72+80	P.E. RT.	15	26	2	1
STA. 74+50	P.E. LT.	15	26	2	2

PIPE SUMMARY		
DIAMETER	LENGTH FEET	CODE
15" DIAMETER CMP	268	1
15" DIAMETER CMP	78	2
24" DIAMETER CMP	228	1
24" DIAMETER CMP	80	2

REMOVE CULVERT PIPE			
LOCATION	CODE		
STA. 44+50	1		

SAWING EXISTING PAVEMENT			
LOCATION	DESCRIPTION	L.F.	CODE
STA. 11+96	MAINLINE	22	1
STA. 87+32	MAINLINE	22	2
STA. 8+90	RIVER ROAD	22	1/2
STA. 22+50	P.E. RT.	20	1
STA. 23+95	P.E. LT.	20	1
TOTAL		106	

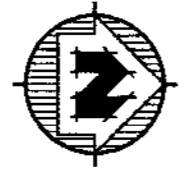
NOTE:
 GROUP CODE #1 IS FROM STA. 11+96 TO STA. 61+00
 GROUP CODE #2 IS FROM STA. 61+00 TO STA. 87+32

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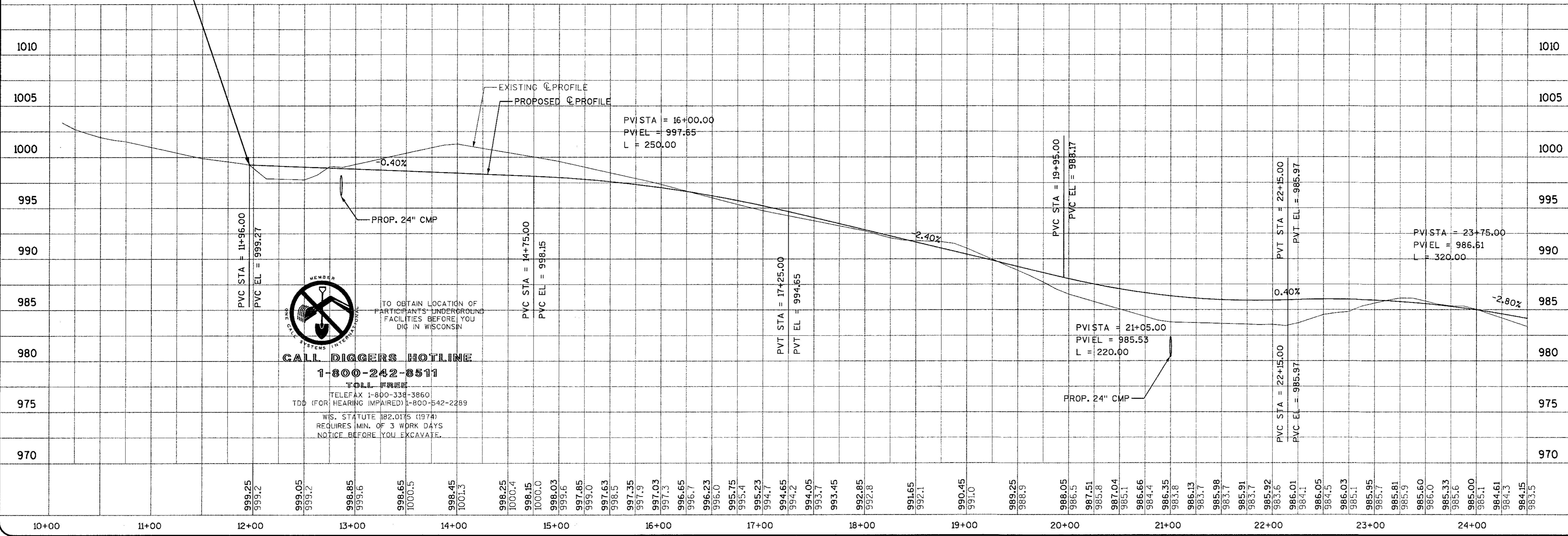
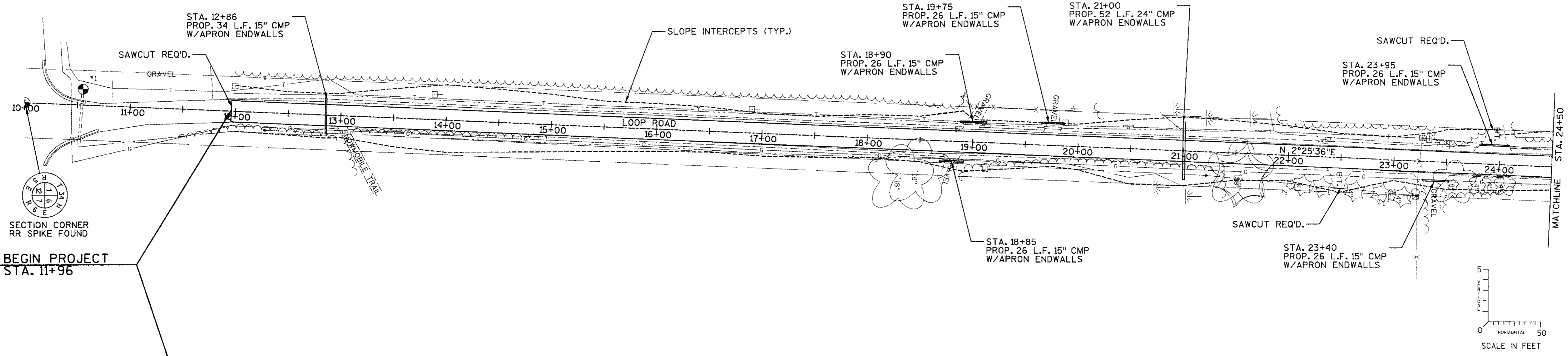
PROJECT NO.:	839733
DATE:	OCT, 1997
SCALE:	AS SHOWN
DRAWN BY:	PJK
CHECKED BY:	CAD
FILE NO.:	...HML\SCCLGN-001
PLOT DATE:	05 NOV 97
PLOT TIME:	10:04:37

MISCELLANEOUS QUANTITIES
LOOP ROAD RECONSTRUCTION
 TOWN OF BRADLEY
 LINCOLN COUNTY, WISCONSIN

SHEET
 3 of 22



BENCHMARKS			
BM. NO.	STATION	DESCRIPTION	ELEV.
1	10+55	WEST END CULVERT	1000.00



CALL DIGGERS HOTLINE
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 TOLL FREE
 TELEFAX 1-800-338-3860
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 WIS. STATUTE 182.0175 (1974)
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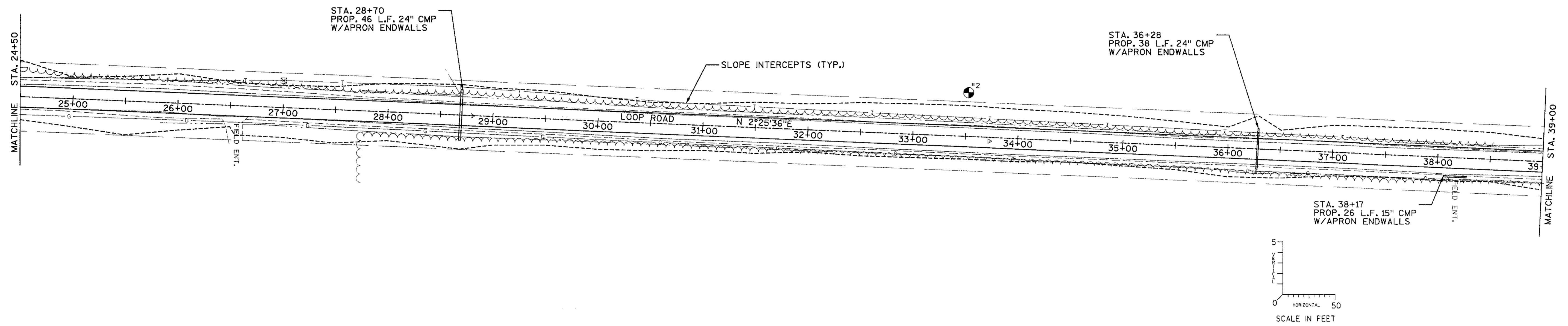


PLAN AND PROFILE		PROJECT NO. 939733	
FILE NO.		DATE	
SHEET	4	NO.	
of	22	DATE	05 NOV 97
		DATE	OCT, 1997
		SCALE	AS SHOWN
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		CHECKED BY	CAD
		DATE	10/11/29
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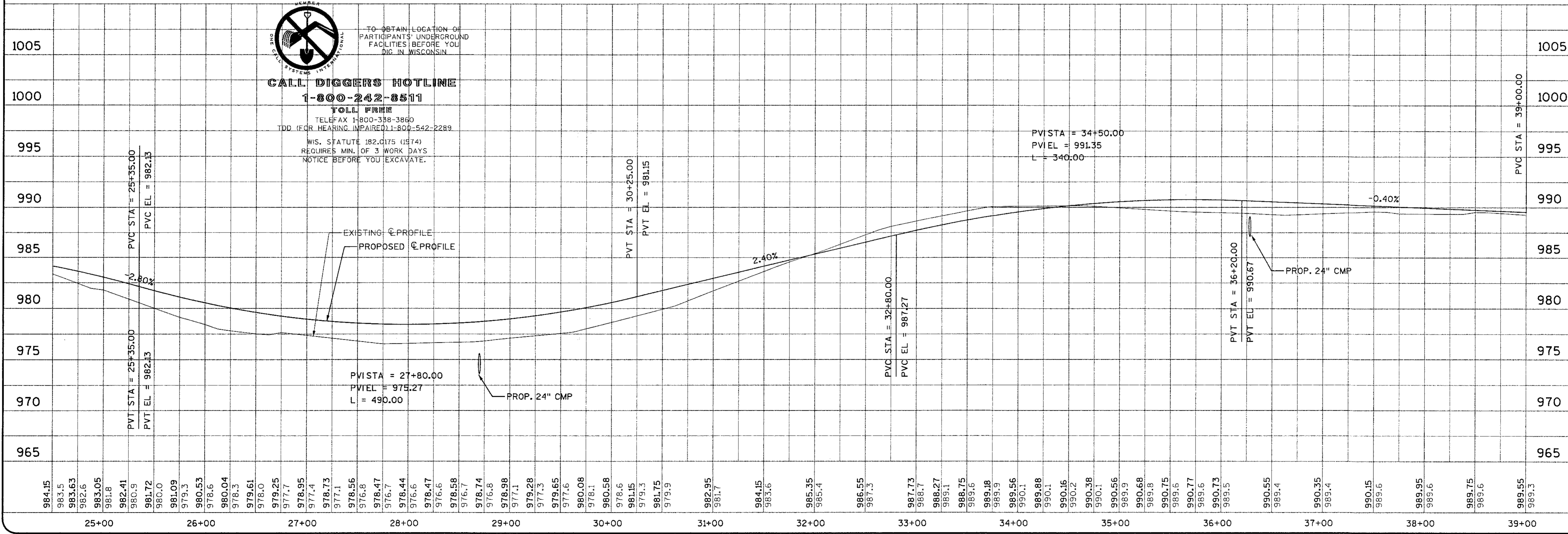


BENCHMARKS

BM. NO.	STATION	DESCRIPTION	ELEV.
2	33+50	60d SPIKE IN 8" OAK	991.90



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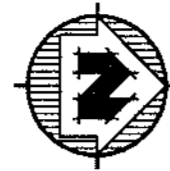
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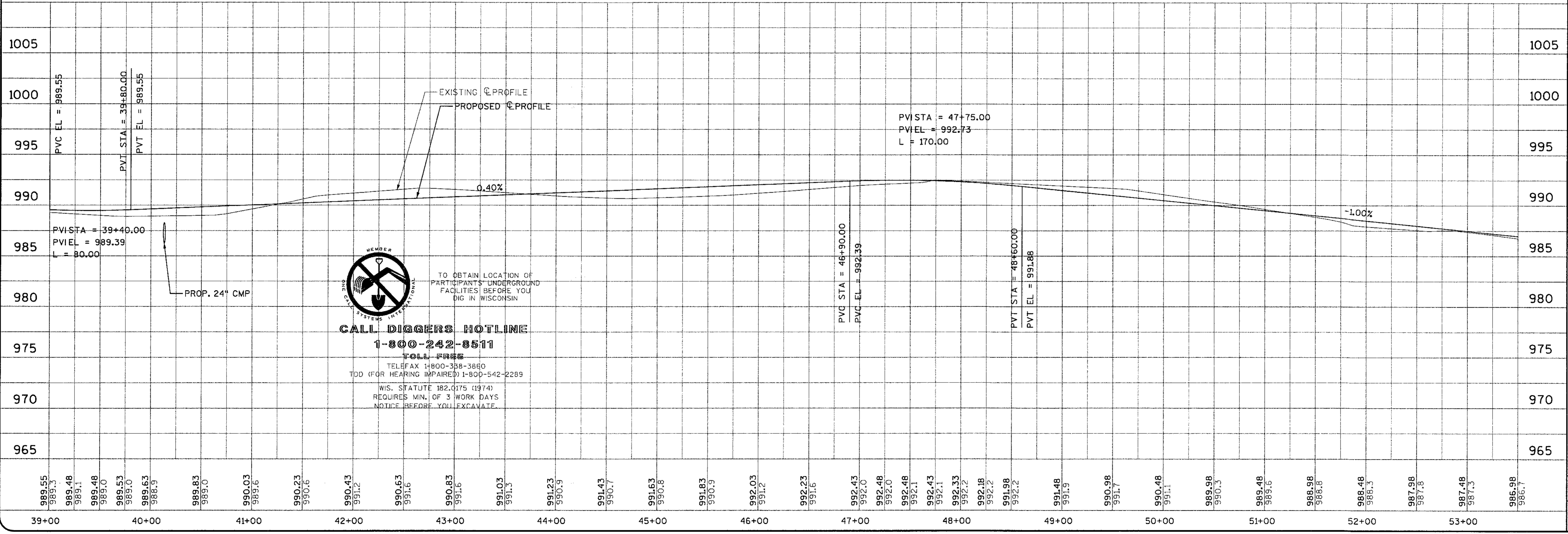
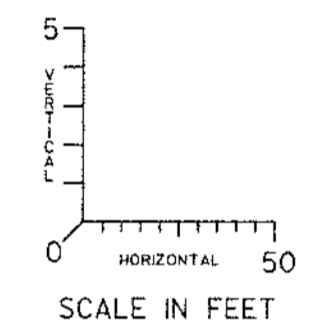
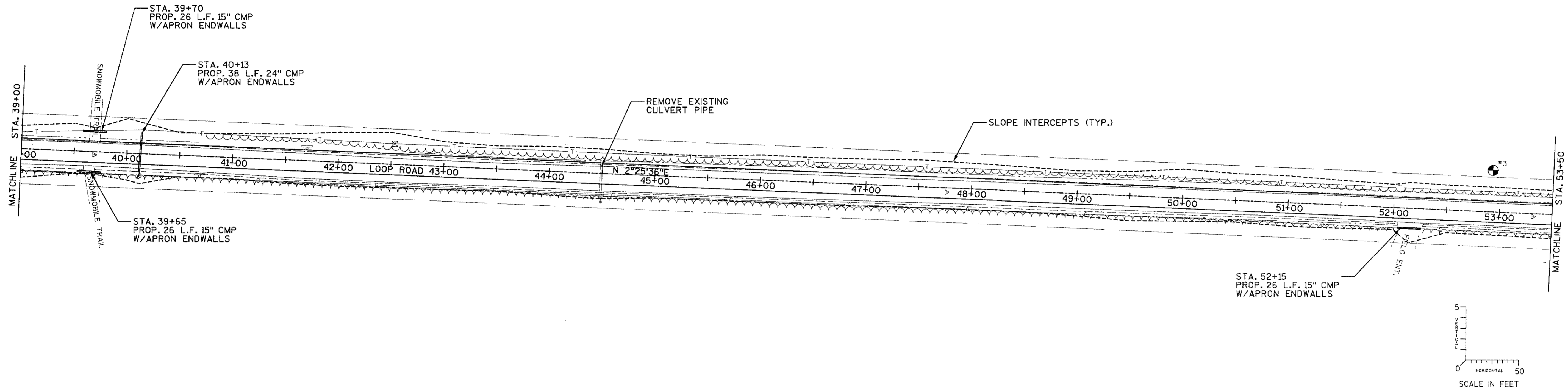
PLAN AND PROFILE
 LOOP ROAD RECONSTRUCTION
 TOWN OF BRADLEY
 LINCOLN COUNTY, WISCONSIN

FILE NO:
 SHEET
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BENCHMARKS

BM. NO.	STATION	DESCRIPTION	ELEV.
3	52+90		987.17

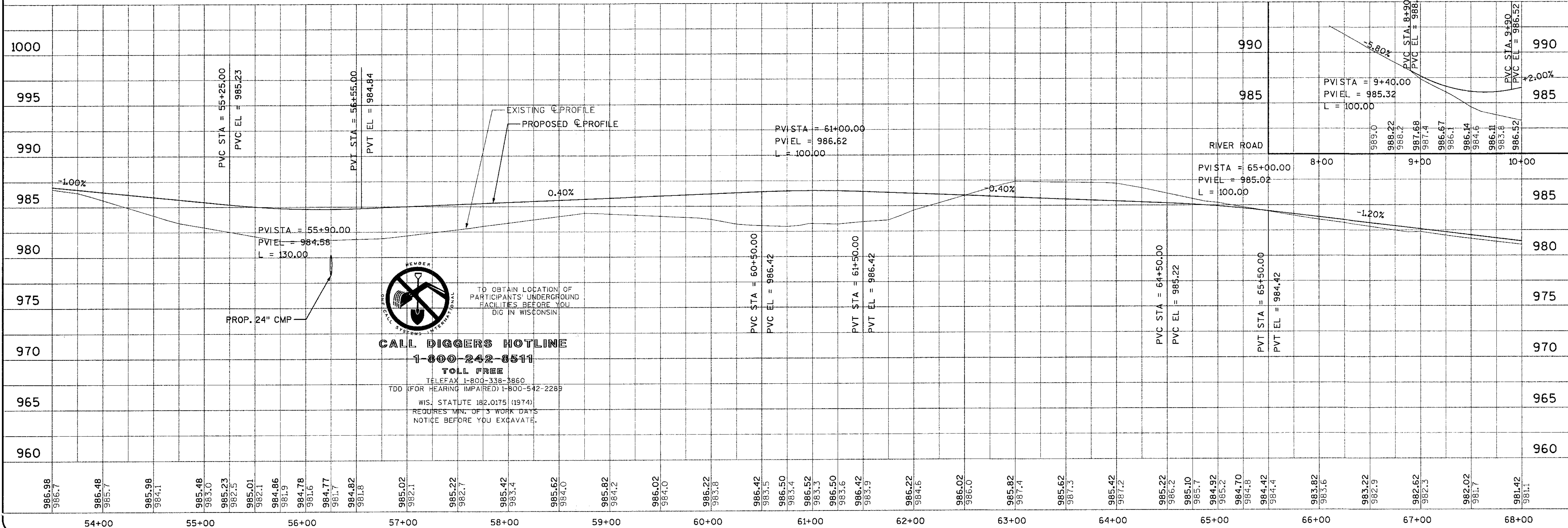
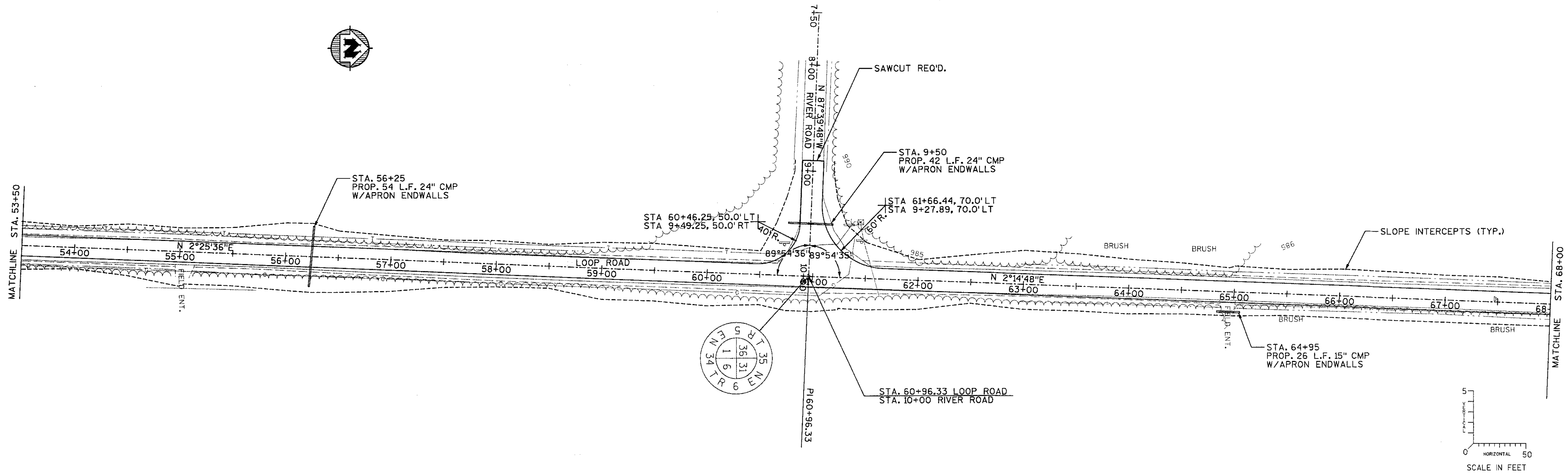
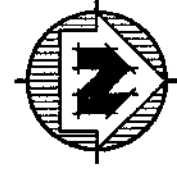


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DATE:	05 NOV 97
TIME:	10:25:54
PLAN AND PROFILE	
LOOP ROAD RECONSTRUCTION TOWN OF BRADLEY LINCOLN COUNTY, WISCONSIN	
FILE NO.	
SHEET	6 of 22



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

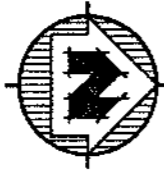
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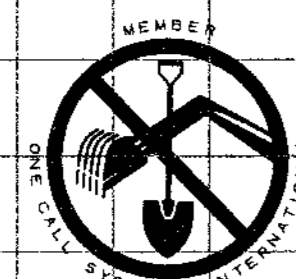
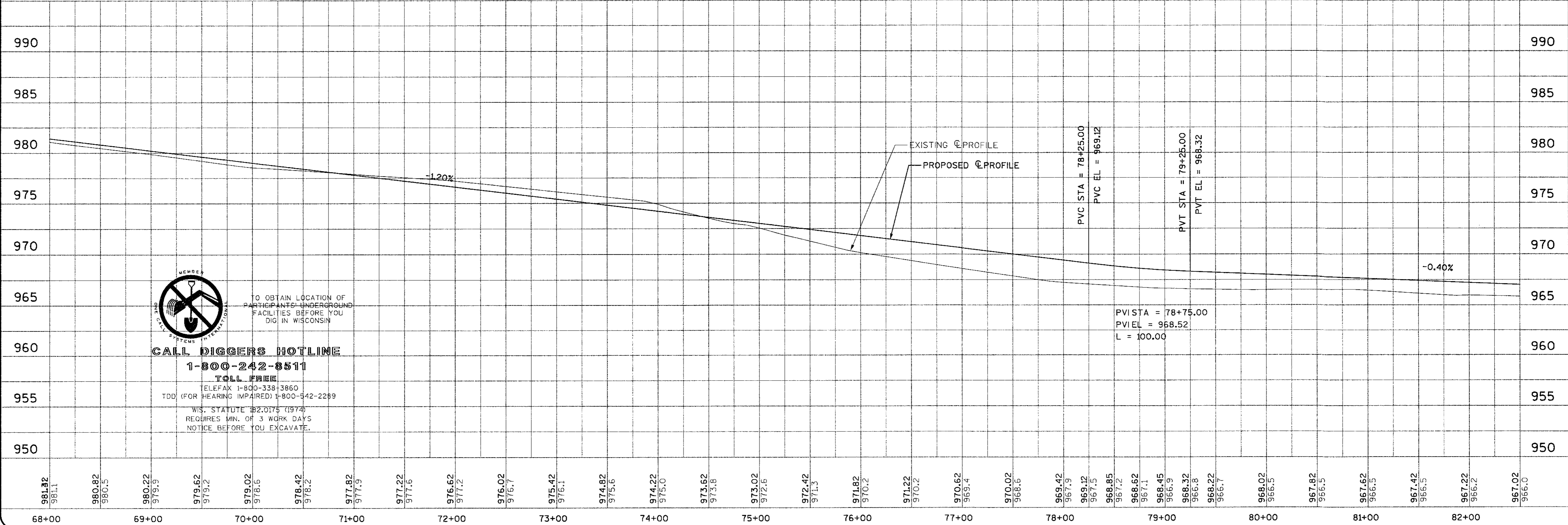
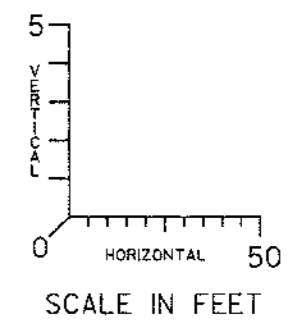
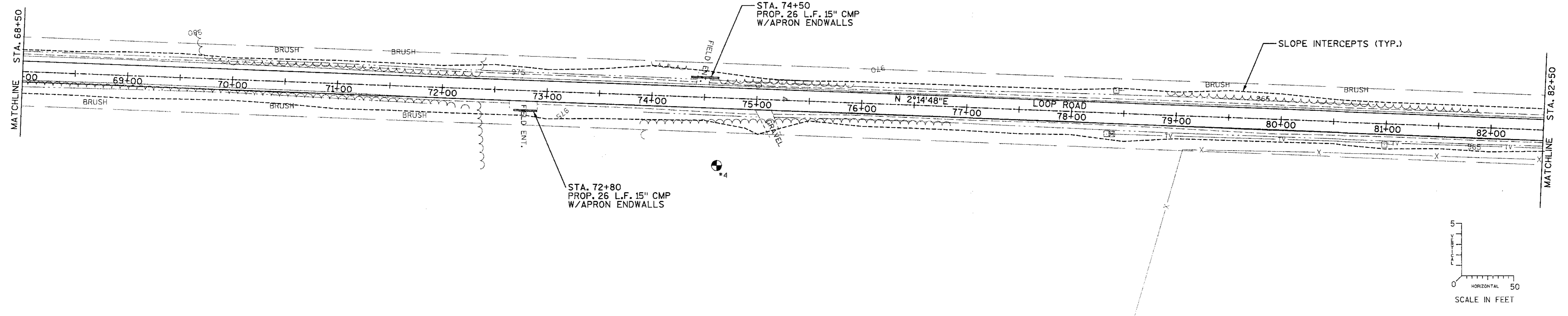


BY	REVISION	PROJECT NO. 939733	DATE/OCT, 1997	SCALE: AS SHOWN
DATE				
NO.				
F.B.	PROJECT NO. 939733	DATE/OCT, 1997	SCALE: AS SHOWN	
DRAWN BY: PJK	CHECKED BY: CAD			
CADD FILE NO.: ...KDD04001.dgn	PLOT DATE: 05 NOV 97			
	PLOT TIME: 10:26:33			
PLAN AND PROFILE LOOP ROAD RECONSTRUCTION TOWN OF BRADLEY LINCOLN COUNTY, WISCONSIN				
FILE NO.				
SHEET	7	of	22	



BENCHMARKS

BM. NO.	STATION	DESCRIPTION	ELEV.
4	74+55	60d SPIKE IN DOUBLE PINE STUMP	973.60



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 TOLL FREE
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 TDD (FOR HEARING IMPAIRED) 1-800-542-2289
 WIS. STATUTE 182.0175 (1974)
 REQUIRES MIN. OF 3 WORK DAYS
 NOTICE BEFORE YOU EXCAVATE.

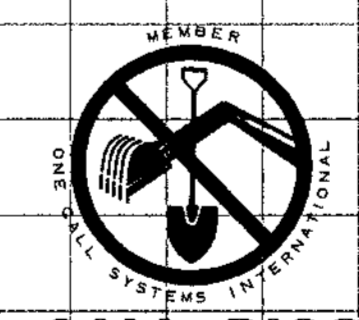
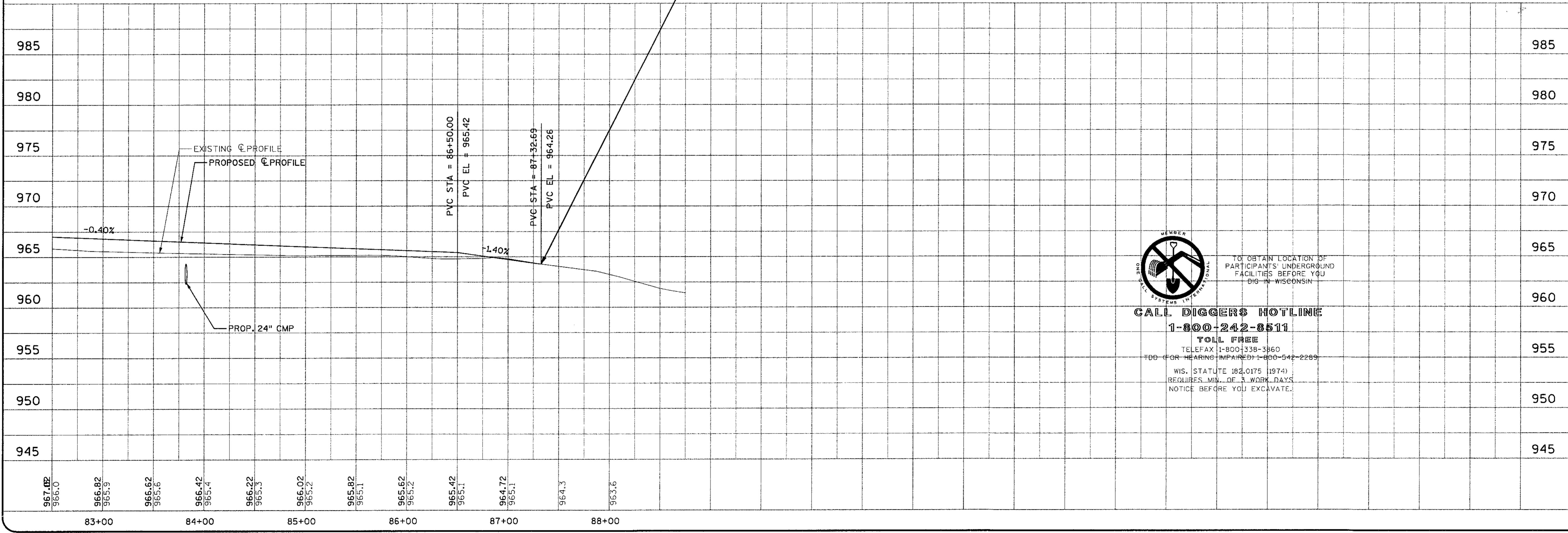
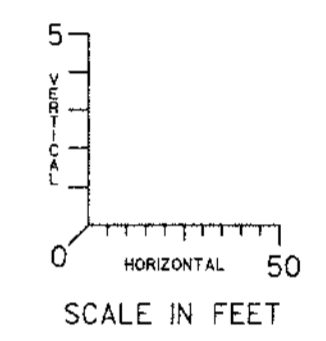
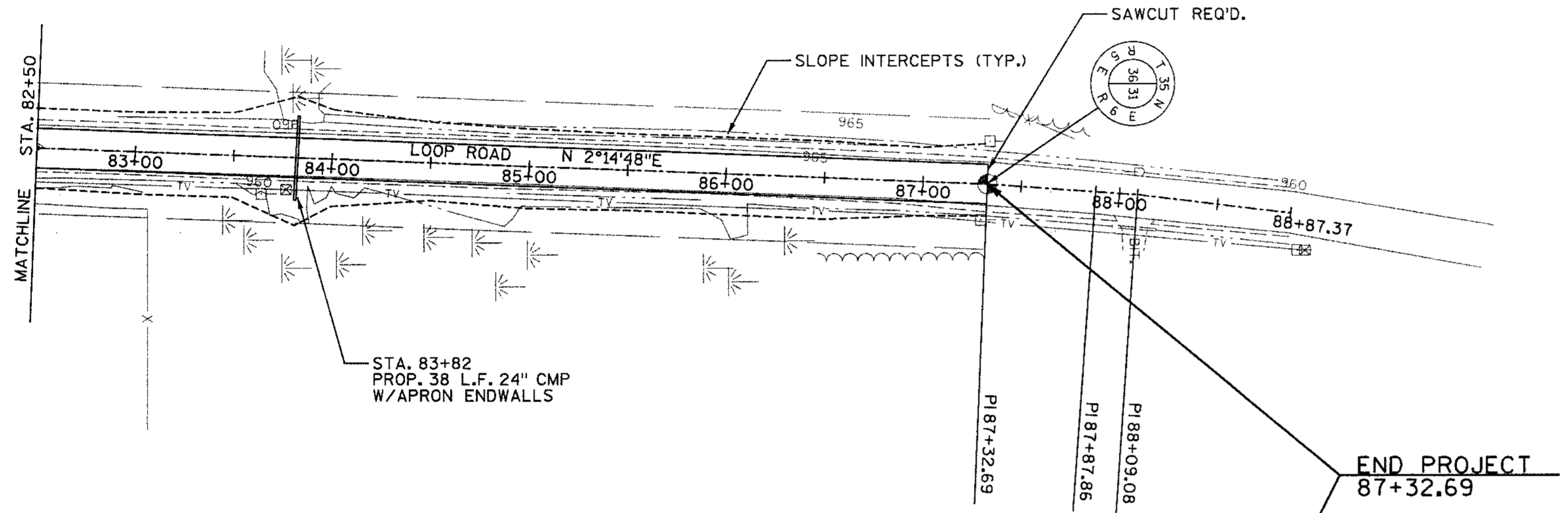
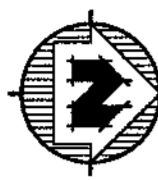
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PROJECT NO.: 9397133	DATE OCT, 1997	SCALE: AS SHOWN	
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PLAN AND PROFILE
LOOP ROAD RECONSTRUCTION
TOWN OF BRADLEY
LINCOLN COUNTY, WISCONSIN

FILE NO.
 SHEET 10 of 22

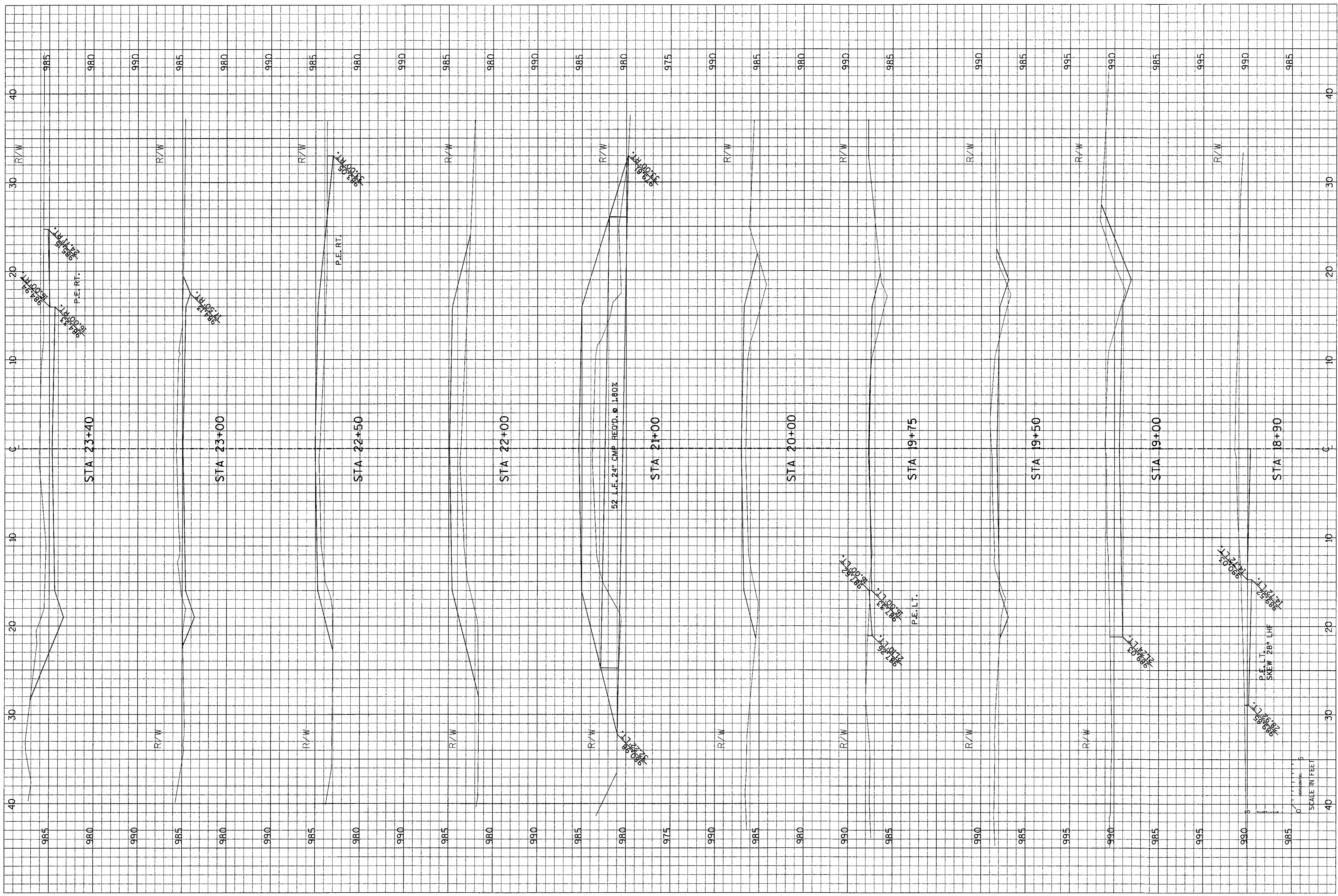


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TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG - IN WISCONSIN

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NO.	DATE
PROJECT NO.: 939733	DATE: OCT, 1997
FILE NO.: ...ECPD0601.dgn	SCALE: AS SHOWN
DRAWN BY: PJK	CHECKED BY: CAD
DATE: 05 NOV 97	SCALE: AS SHOWN
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TOWN OF BRADLEY	
LINCOLN COUNTY, WISCONSIN	
FILE NO.	
SHEET	
9	22



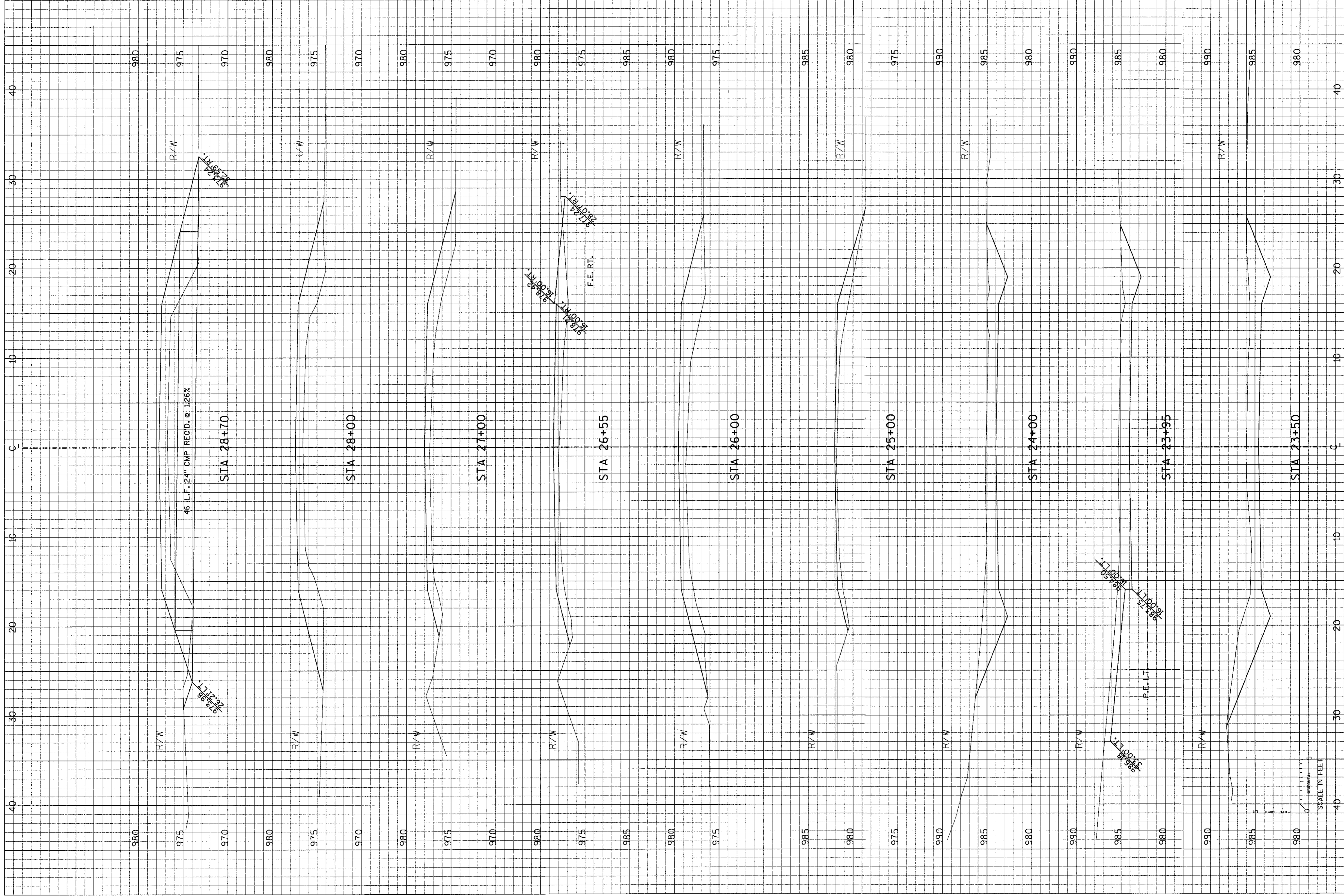


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 TOWN OF BRADLEY
 LINCOLN COUNTY, WISCONSIN

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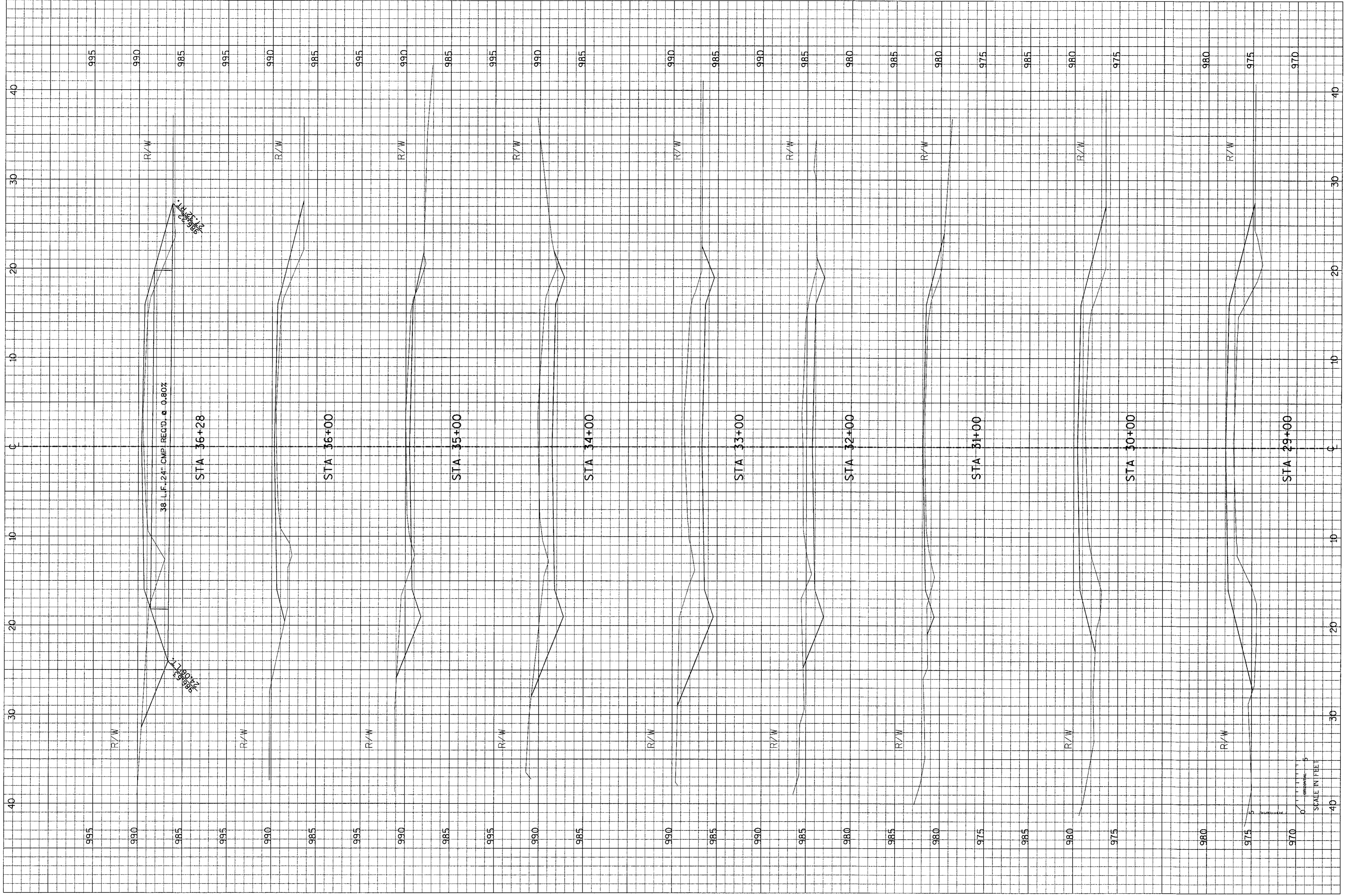
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 CHECKED BY: CAO

NO.	DATE	REVISION	BY



12	SHEET	CROSS SECTION SHEET				PROJECT NO. 939733	NO. DATE	REVISION	BY
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of	22	CARD FILE NO. ...XC00300Ld9T	PLOT DATE 05 NOV 97	F.B. DRAWN BY: PJK	DATE OCT, 1997				
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13	SHEET	CROSS SECTION SHEET				BY
		LOOP ROAD RECONSTRUCTION				
of	22	TOWN OF BRADLEY				REGION
		LINCOLN COUNTY, WISCONSIN				
FILE NO.		CADD FILE NO. ...EXC004001.dgn	F.A.L.	PROJECT NO. 999733	NO.	DATE
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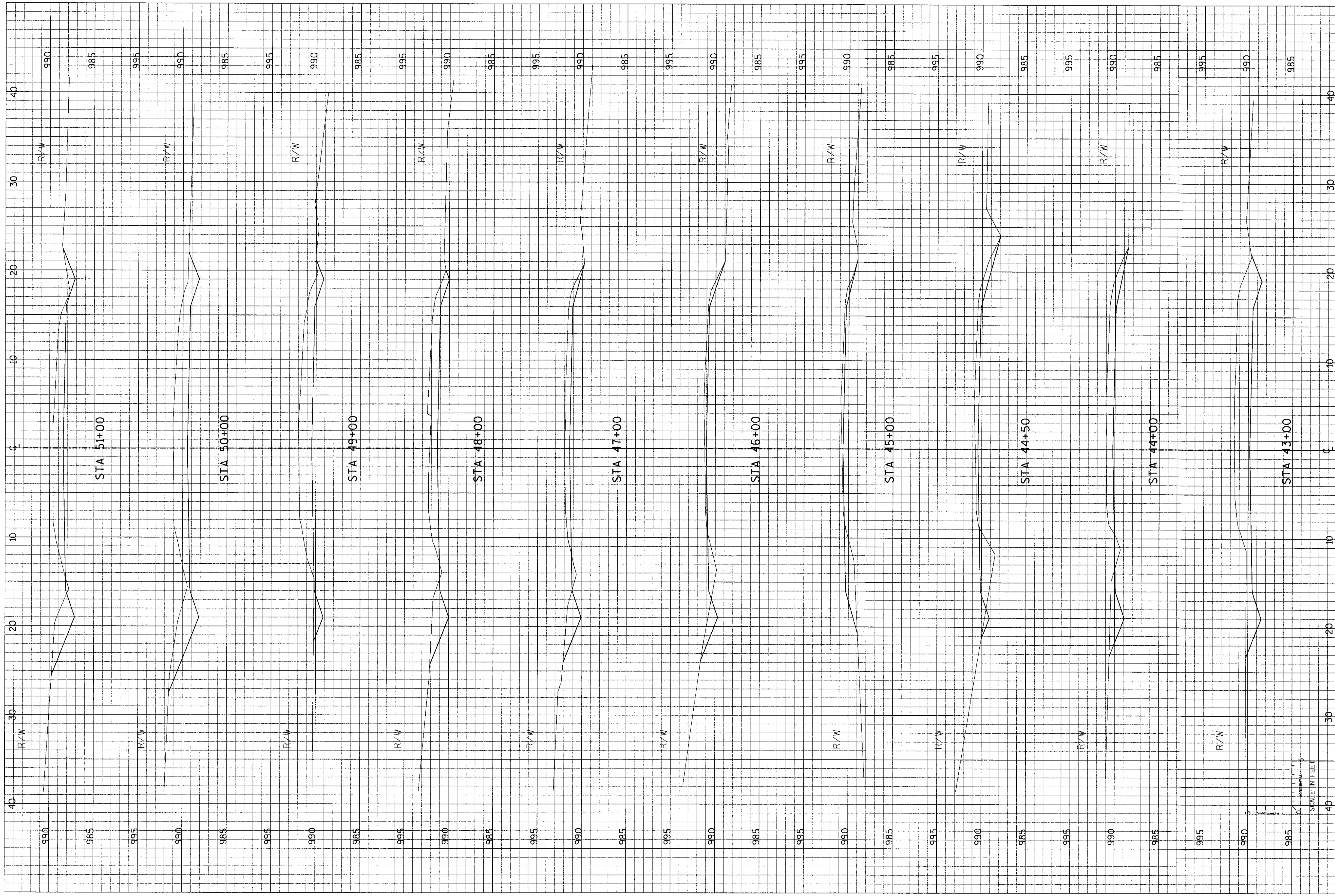
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14 SHEET of 22	CROSS SECTION SHEET		PROJECT NO: 939733	NO.	DATE	REVISION	BY
	LOOP ROAD RECONSTRUCTION TOWN OF BRADLEY LINCOLN COUNTY, WISCONSIN		DATE: OCT, 1997	DATE: OCT, 1997	SCALE: AS SHOWN		
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CROSS SECTION SHEET
LOOP ROAD RECONSTRUCTION
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 PLOT TIME: 10:31:21
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 CHECKED BY: CAD

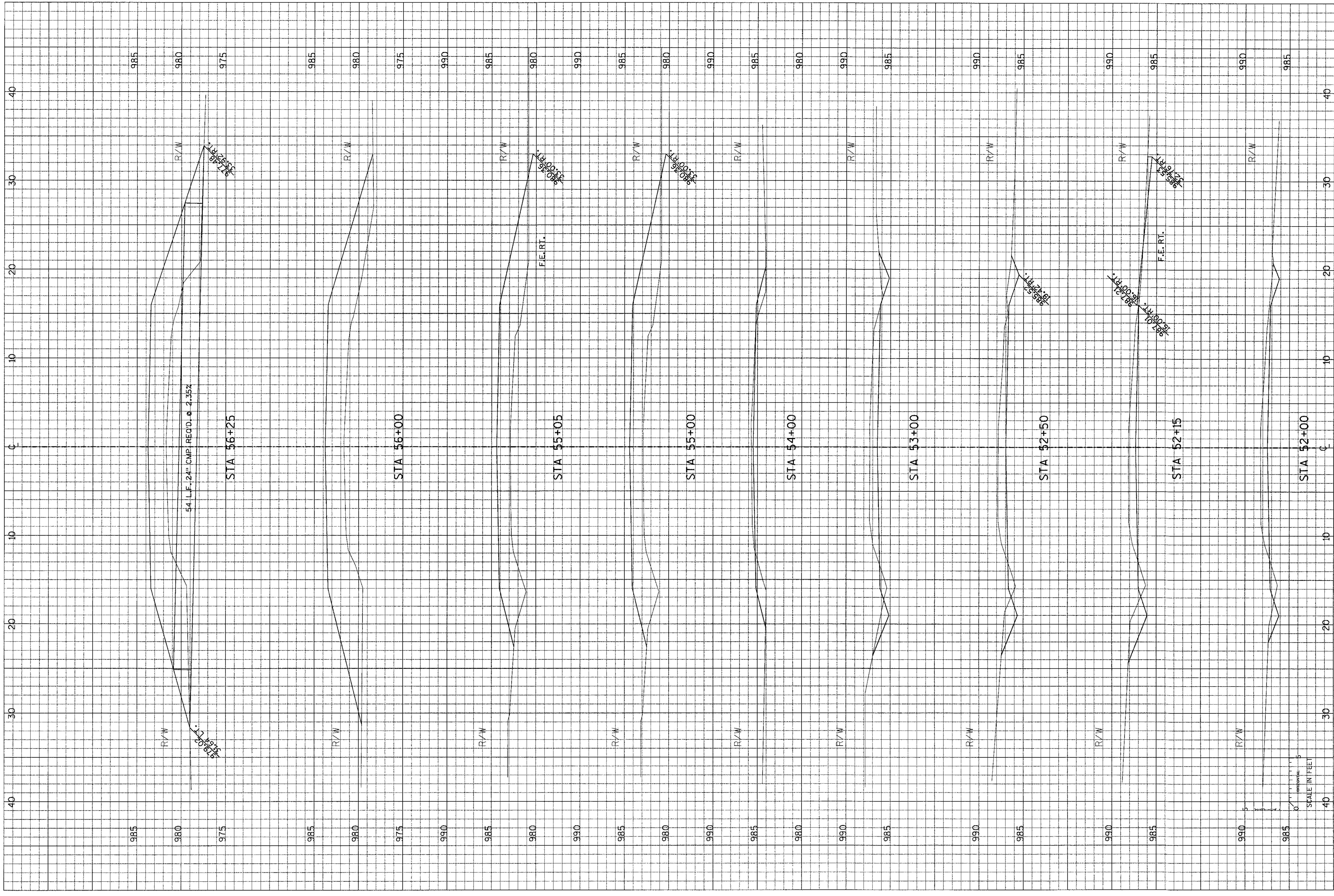
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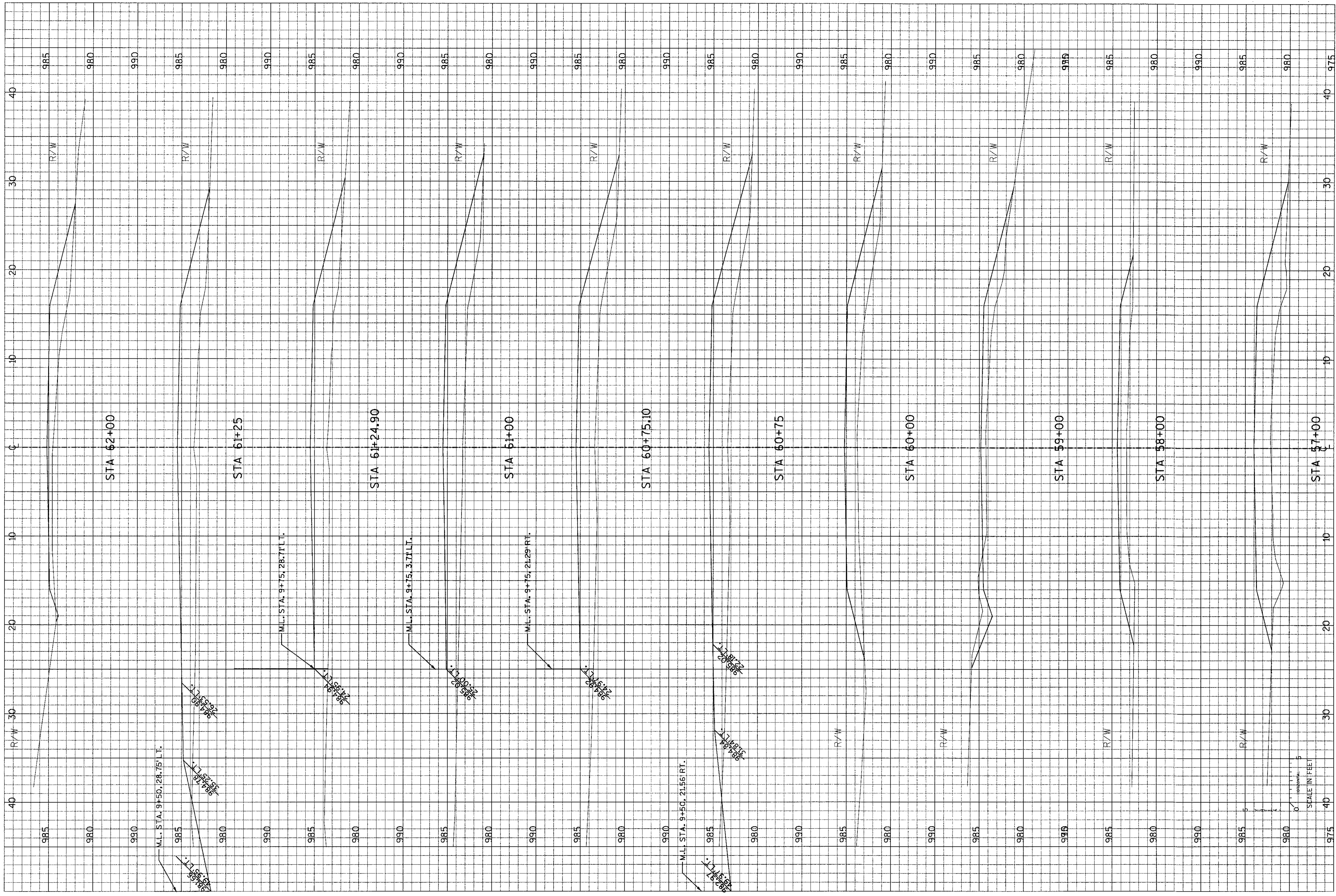
DATE _____

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CROSS SECTION SHEET

LOOP ROAD RECONSTRUCTION
TOWN OF BRADLEY
LINCOLN COUNTY, WISCONSIN

FILE NO.
17
SHEET
of
22

CDMP FILE NO.: ...X\C008001\CGT

PLOT DATE: 05 NOV 97

PLOT TIME: 10:32:24

F.B.:

DRAWN BY: P.J.K

CHECKED BY: CAD

PROJECT NO.: 939733

DATE: OCT, 1997

SCALE: AS SHOWN

NO.

DATE

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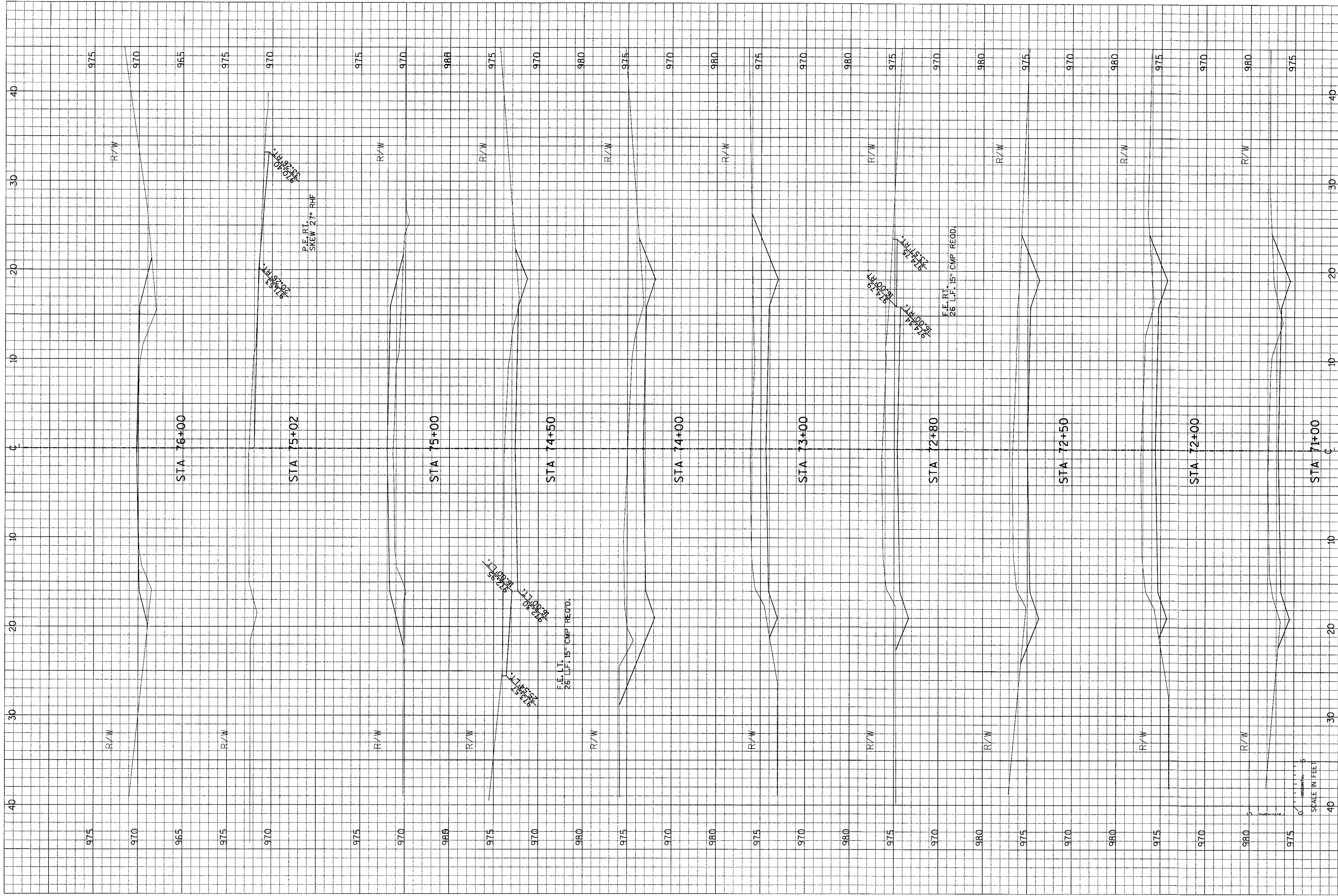
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 LOOP ROAD RECONSTRUCTION
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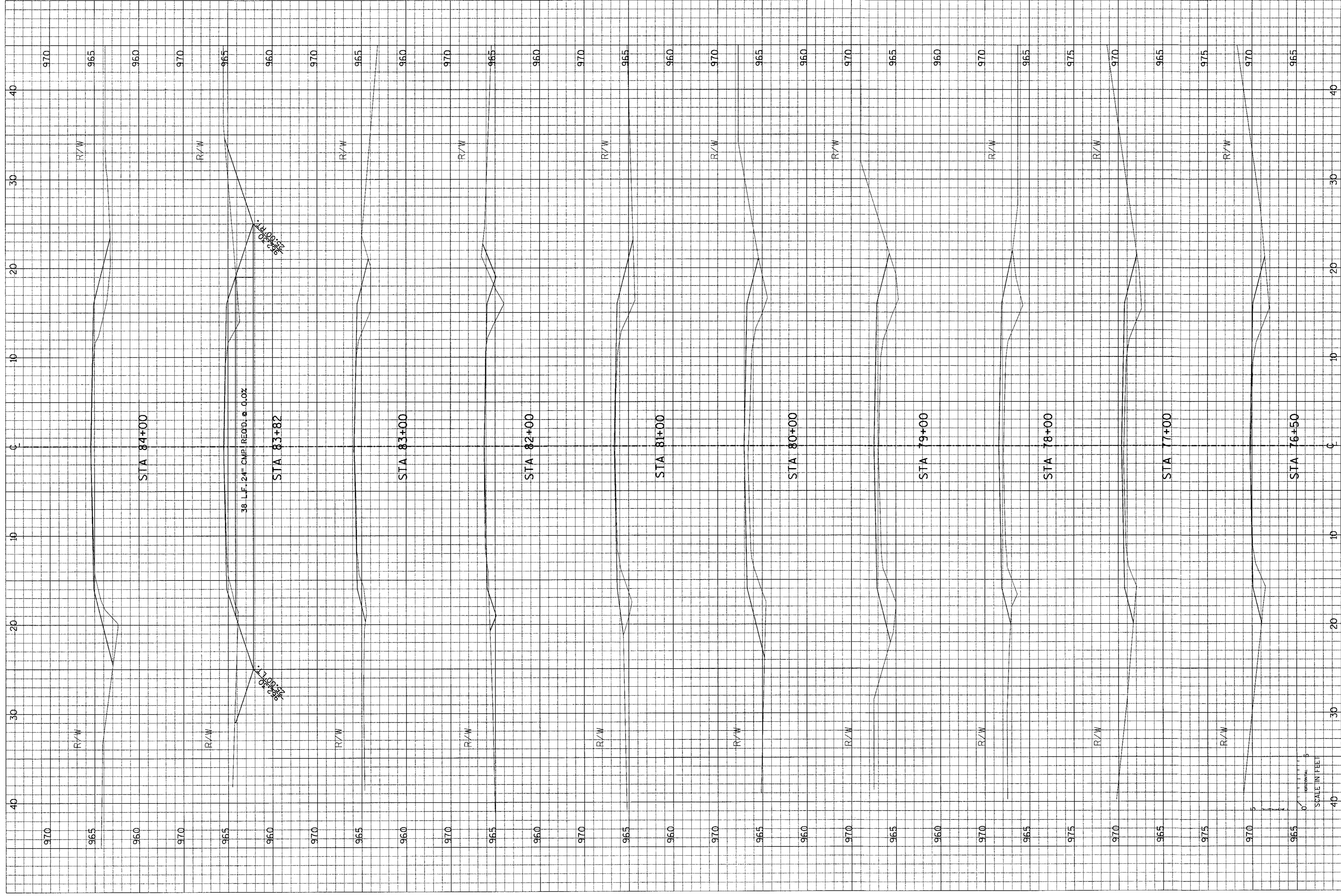
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DATE: 05 NOV 97	DRAWN BY: PJK
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LOOP ROAD RECONSTRUCTION
 TOWN OF BRADLEY
 LINCOLN COUNTY, WISCONSIN

FILE NO.	PROJECT NO. 939733	NO.	DATE	REVISION	BY
SHEET 19 of 22	DATE: OCT, 1997				
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	PLOT DATE: 05 NOV 97				
	PLOT TIME: 10:33:25				
	SCALE AS SHOWN				



CROSS SECTION SHEET

LOOP ROAD RECONSTRUCTION
TOWN OF BRADLEY
LINCOLN COUNTY, WISCONSIN

FILE NO.

20 SHEET
OF 22

CADD FILE NO. ...RXC01001.907

PLOT DATE: 05 NOV 97

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DRAWN BY: PJK

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PROJECT NO. 939733

DATE: OCT, 1997

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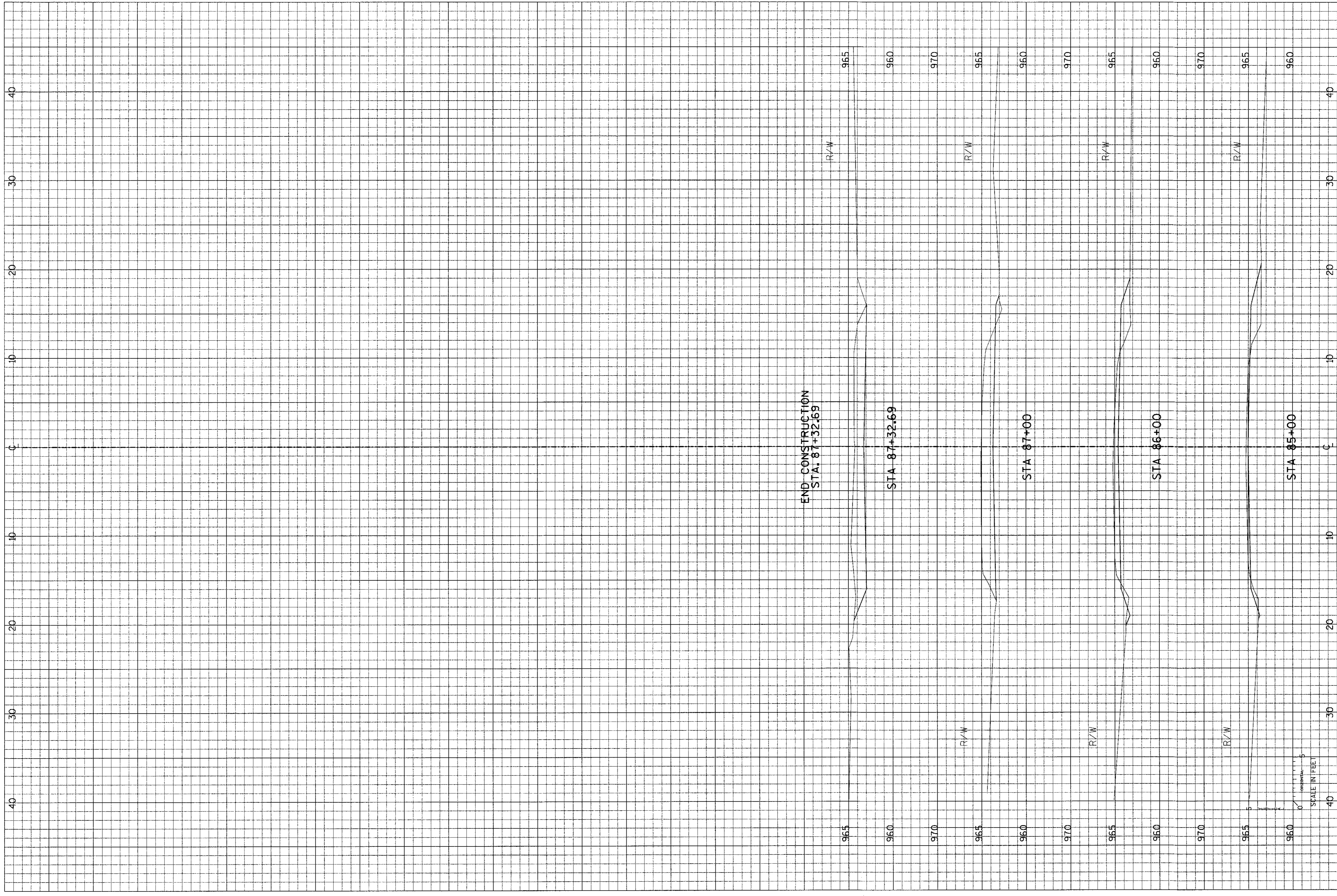
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DATE

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