

Feb 04

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Sheet No.	Sign Plates
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Sheet No.	Computer Earthwork Data
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TOTAL SHEETS = 122

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9215-11-70	STP 2004234	1
9215-13-70	STP 2004235	1

C.T.H. "S" - WISCONSIN AVE. S.T.H. 86 LINCOLN COUNTY

C.T.H. "S" - WISCONSIN AVE. S.T.H. 86 LINCOLN COUNTY

STATE PROJECT NUMBER
9215-11-70

STATE PROJECT NUMBER
9215-13-70



9215-11-70
9215-13-70

DESIGN ID: 9215-11-00

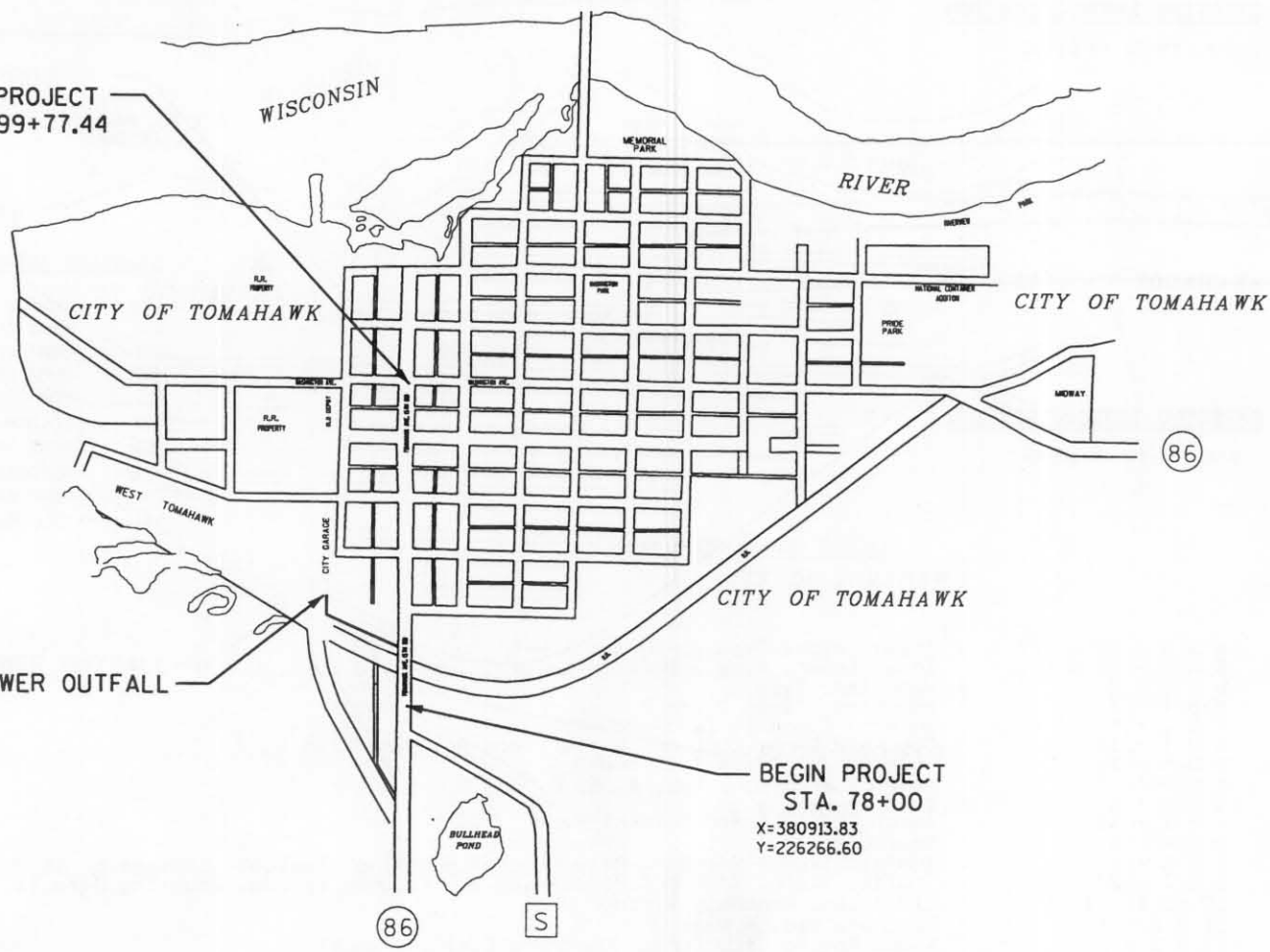
LINCOLN COUNTY

DESIGN DESIGNATION

A.D.T. 2000	=	18,070
A.D.T. 2020	=	23,305
D.H.V. 2020	=	3,193
D.	=	50
T.	=	7.0%
DESIGN SPEED	=	25/35
ESALS	=	3,474,800

CONVENTIONAL SIGNS

COUNTY LINE		COMBUSTIBLE FLUIDS	
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE		GAS	
LOT LINE		ELECTRIC	
LIMITED EASEMENT		TELEPHONE OR TELEGRAPH	
EXISTING RIGHT OF WAY		SERVICE PEDESTAL	
PROPOSED OR NEW R/W LINE		CABLE MARKER	
SURVEY LINE		POWER POLE	
SLOPE INTERCEPT		TELEPHONE POLE	
ORIGINAL GROUND		RAILROAD	
MARSH OR ROCK PROFILE		MARSH AREA	
EXISTING CULVERT		WOODED OR SHRUB AREA	
PROPOSED CULVERT (Box or Pipe)			
CULVERT (Profile View)			



LAYOUT
SCALE 0 1000 FT.

TOTAL NET LENGTH OF CENTERLINE = 0.41 MILES

NOTE: ALL COORDINATES ARE ORIENTED TO THE LINCOLN COUNTY COORDINATE SYSTEM FOR IDENTIFICATION ONLY.

ACCEPTED FOR
CITY of TOMAHAWK
9/30/03 [Signature]
(Date) (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY
MSA
PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION
DEVELOPMENT • ENVIRONMENTAL
1835 N. Stevens St. Rhinelander, WI 54501
715-362-3244 1-800-844-7854 Fax: 715-362-4116

WISCONSIN
JAMES W. BOLLMANN JR.
33598-006
THREE LAKES, WI
PROFESSIONAL ENGINEER
DATE: 9/30/03
(Professional Engineer)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PREPARED BY
Surveyor _____ MSA
Designer _____ MSA
District Examiner _____
District Supervisor _____ MARVIN LASPA
Proj. Dev. Engineer _____
C.O. Examiner _____ RIELLY O'DONNELL

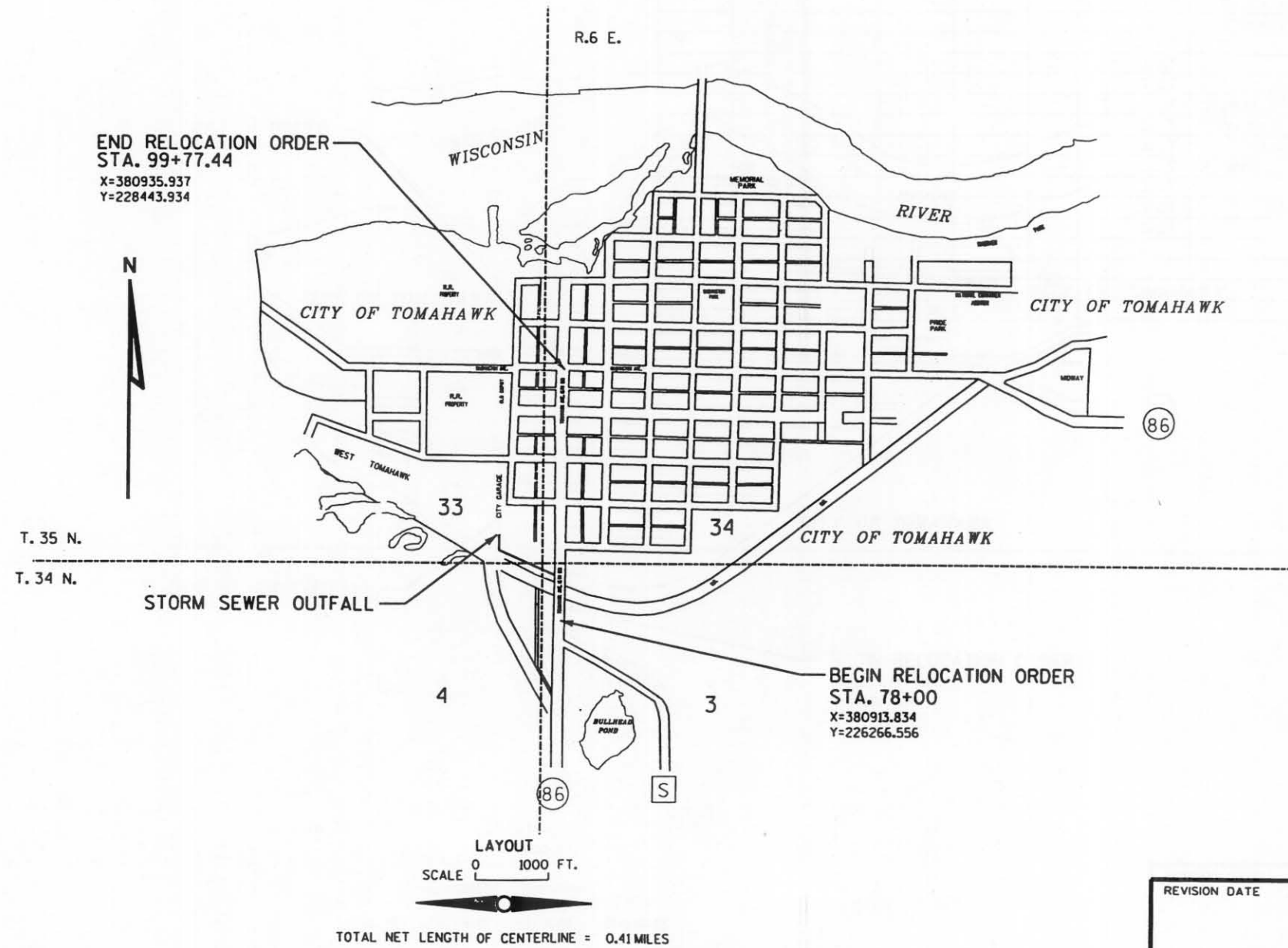
APPROVED FOR DISTRICT OFFICE
DATE: 9/30/03
[Signature]
(Signature)

CONVENTIONAL SIGNS AND ABBREVIATIONS

A.P.	ACCESS POINT
AC.	ACRES
AG.	AGRICULTURAL
A.H.	ALUMINUM
ET.AL.	AND OTHERS
BLOC.	BUILDING
ASPH.	ASPHALT
C.E.	COMMERCIAL ENTRANCE
C.M.	CABLE MARKER
E.	CENTERLINE
C.T.H.	COUNTY TRUNK HIGHWAY
C.S.M.	CERTIFIED SURVEY MAP
CONC.	CONCRETE
COR.	CORNER
CULV.	CULVERT
g/b/o	DOING BUSINESS AS
FDL	FOUNDATION
F.E.	FIELD ENTRANCE
FR.	FRACTIONAL
G.	GARAGE
G.M.	GAS MARKER
G.P.	GAS PUMPS
GRAV.	GRAVEL
HSE.	HOUSE
HO	HECTARES
IP.	IRON PIPE OR PIN
KM	KILOMETER
L.T.	LEFT
L.	LENGTH OF CURVE
L.C.	LONG CHORD OR LAND CONTRACT
L.C.B.	LONG CHORD BEARING
M.H.	MANHOLE
M.	METERS
MON.	MONUMENT
OL.	OUTLOT
P.	PAGE
P.D.	PRIVATE DRIVEWAY
P.E.	PRIVATE ENTRANCE
P.L.	PARKER-PALON
P.L.E.	PERMANENT LIMITED EASEMENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
P.L.	PROPERTY LINE
R.	RADIUS OR RANGE
R.R.	RAILROAD
R.	REFERENCE LINE
R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
RT.	RIGHT
R/W	RIGHT OF WAY
SEC.	SECTION
S.	SHED
S.M.	SQUARE METER
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
T.	TANGENT LENGTH OF CURVE
TAV.	TAVERN
T.I.	TEMPORARY INTEREST
USH.	UNITED STATES HIGHWAY
YOL.	YOLINE
X.	EAST COORDINATE (GRID)
Y.	NORTH COORDINATE (GRID)
N.	NORTH COORDINATE (GROUND) OR NORTH
E.	EAST COORDINATE (GROUND), EAST OR EXTERNAL
Δ	CENTRAL ANGLE OR DELTA

-----	STATE LINE	◆◆◆◆	NO ACCESS (By Previous Acquisition)	W	WATER	~~~~~	INTERMITTENT STREAM
-----	COUNTY LINE		NO ACCESS (By Acquisition)	G	GAS	=====	STREAM OR RIVER
-----	TOWN OR RANGE LINE	NO ACCESS (By Statutory Authority)	T	TELEPHONE OR TELEGRAPH	-----	MARSH AREA
-----	SECTION LINE	-----	LIMITED EASEMENT (Temporary or Permanent)	E	ELECTRIC	-----	LAKE OR POND
-----	QUARTER LINE	-----	CORPORATE LIMITS	TV	CABLE TELEVISION	-----	WOODED OR SHRUB AREA
-----	SIXTEENTH LINE	-----	SECTION CORNER	FO	FIBER OPTIC	-----	TREE
-----	PROPOSED OR NEW R/W LINE	-----	SURVEY LINE	SAH	SANITARY SEWER	-----	
-----	EXISTING R/W LINE	○	RIGHT OF WAY POINT	SS	STORM SEWER	-----	
-----	LOT LINE	● (Type)	RIGHT OF WAY MONUMENT (Type)	☼	NOTATION FOR COMBUSTIBLE FLUIDS	-----	
-----	PROPERTY LINE					-----	

R/W PROJECT NUMBER 9215-11-21	SHEET NUMBER 4.1	TOTAL SHEETS 8
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR S.T.H. 86		
C.T.H. 'S' - WISCONSIN AVE.		
S.T.H. 86		LINCOLN COUNTY
CONSTRUCTION PROJECT NUMBER 9215-11-70		75



NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE LINCOLN COUNTY COORDINATE SYSTEM. ALL PLAT DISTANCES ARE GROUND LENGTH AND MAY BE CONVERTED TO GRID LENGTH BY MULTIPLYING THE DISTANCE BY THE GRID FACTOR PROVIDED ON THE DETAIL SHEETS.

RIGHT OF WAY MONUMENTS ARE TYPE II AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

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.

ORIGINAL PLANS PREPARED BY

MSA
PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • INDUSTRIAL
DEVELOPMENT • ENVIRONMENTAL

1835 N. Stevens St. Rhinelander, WI 54501
715-362-3244 1-800-844-7854 Fax: 715-362-4116

WISCONSIN
EUGENE C. UTTECH
S-1451
RHINELANDER, WI
LAND SURVEYOR

4/28/03 Eugene C. Uttech
DATE: (Signature)

REVISION DATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED FOR CITY OF TOMAHAWK:
DATE: 6/10/03 Rick Benfante


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.

PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	TOTAL S.F.	R/W ACRES REQUIRED OR S.F.			T.L.E. S.F.	P.L.E. S.F.
					NEW	EXISTING	TOTAL		
1	4.4	PETROVEST	P.L.E.					3848	
2	4.4	BRUCE & BONNIE CHRISTIAN	T.L.E.				1005		
3	4.4	ALBERT MUSCH	T.L.E.				250		
4	4.5	JAMES & ANGELA LARKIN	T.L.E.				397		
6	4.5	TOMAHAWK/WINGER CORP	T.L.E.				440		
7	4.5,4.6 4.8	CITY OF TOMAHAWK	T.L.E. P.L.E.				3470	26,289	
8	4.5	LEONARD F. & DONNA A. ARNDT	T.L.E.				655		
9	4.5	BRIAN M. & SHIRLEY M. KOEHN	T.L.E.				3078		
11	4.5	RODNEY C. & DEBRA SCHAEFER	T.L.E.				250		
12	4.5	RICKY D. GRUBE	T.L.E.				250		
13	4.5	REMINGTON OIL	T.L.E.				555		
14	4.6	WILLIAM J. SAN FILLIPPO	T.L.E.				555		
16	4.6	DUANE M. & PATRICIA B. ALBERG	T.L.E.				250		
17	4.6	JOHN J. & JEANETTE DUPLAYEE	T.L.E.				500		
18	4.6	JOHN K. & ANN H. KANGAS	T.L.E.				250		
19	4.6	LARRY A. & PATRICIA J. HOOPER	T.L.E.				250		
21	4.6	KEITH WEIZENICKER	T.L.E.				500		
22	4.6	HILGENDORF PROPERTIES	T.L.E.				250		
23	4.7	CITIZENS BANK	T.L.E.				375		

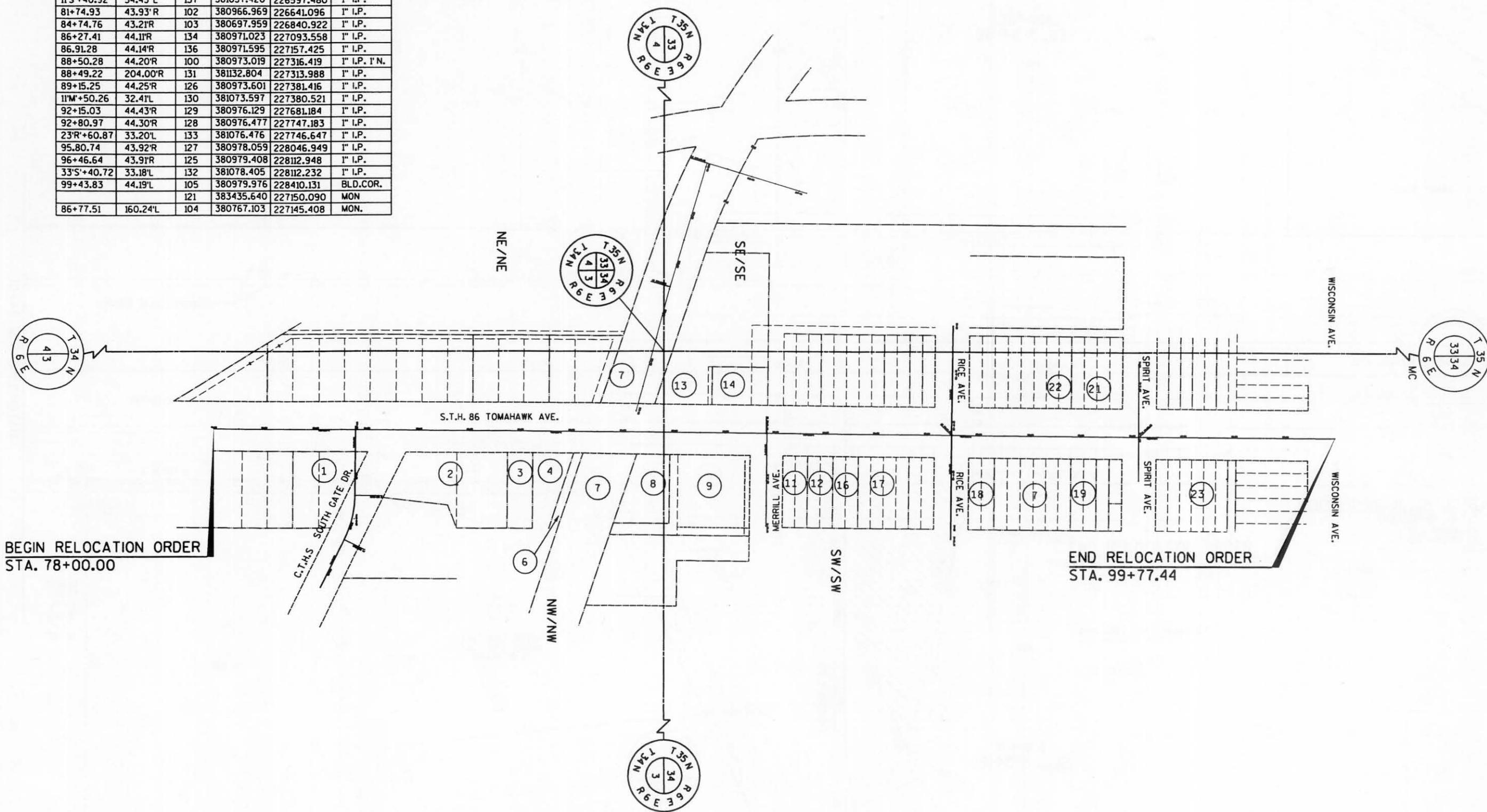
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4

REVISION DATE	DATE 4-30-03	SCALE, FEET 0	HWY: S.T.H. 86	CONSTRUCTION PROJECT NUMBER 9215-11-70	PS&E SHEET NO: 76
			COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4. 2
FILE NAME : \$\$...designfile...\$\$	PLOT DATE : \$\$...plottingdate...\$\$	ORG DATE :	PLOT NAME :	Originator : Dist	PLOT SCALE : \$\$...plotscale...\$\$

RECOVERED LOT/BLOCK CORNERS AND COORDINATE TABLE

STATION	OFFSET	PT#	X	Y	DESC
11'S+40.92	54.45'L	137	381057.420	226597.480	1" I.P.
81+74.93	43.93'R	102	380966.969	226641.096	1" I.P.
84+74.76	43.21'R	103	380697.959	226840.922	1" I.P.
86+27.41	44.11'R	134	380971.023	227093.558	1" I.P.
86.91.28	44.14'R	136	380971.595	227157.425	1" I.P.
88+50.28	44.20'R	100	380973.019	227316.419	1" I.P. 1" N.
88+49.22	204.00'R	131	381132.804	227313.988	1" I.P.
89+15.25	44.25'R	126	380973.601	227381.416	1" I.P.
11'M+50.26	32.41'L	130	381073.597	227380.521	1" I.P.
92+15.03	44.43'R	129	380976.129	227681.184	1" I.P.
92+80.97	44.30'R	128	380976.477	227747.183	1" I.P.
23'R+60.87	33.20'L	133	381076.476	227746.647	1" I.P.
95.80.74	43.92'R	127	380978.059	228046.949	1" I.P.
96+46.64	43.91'R	125	380979.408	228112.948	1" I.P.
33'S+40.72	33.18'L	132	381078.405	228112.232	1" I.P.
99+43.83	44.19'L	105	380979.976	228410.131	BLD.COR.
		121	383435.640	227150.090	MON.
86+77.51	160.24'L	104	380767.103	227145.408	MON.



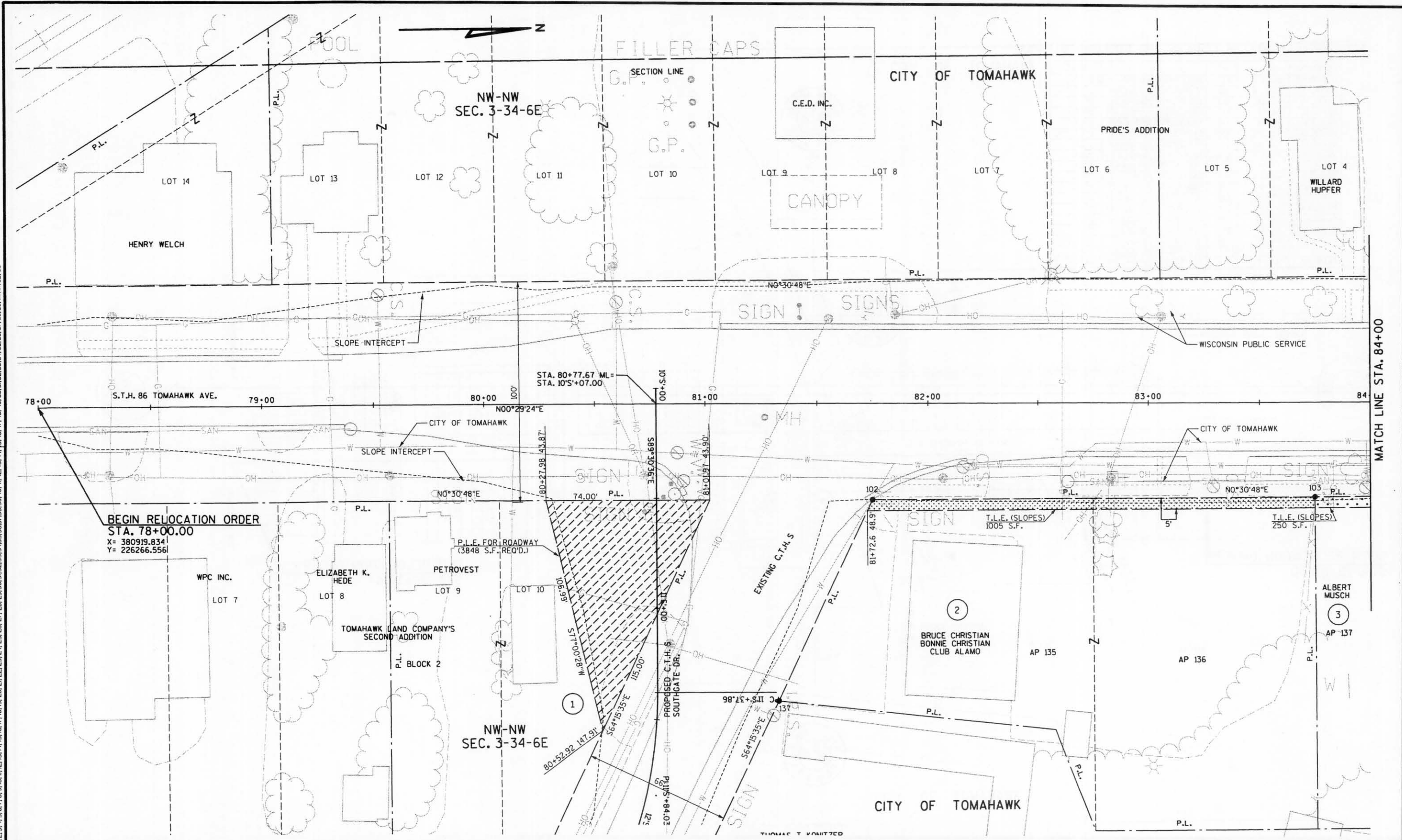
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BEGIN RELOCATION ORDER
STA. 78+00.00

END RELOCATION ORDER
STA. 99+77.44

REVISION DATE	DATE 4-30-03	SCALE, FEET 0 100 200	HWY: S.T.H. 86	CONSTRUCTION PROJECT NUMBER 9215-11-70	PS&E SHEET NO: 77
	GRID FACTOR N/A		COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4. 3 E

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

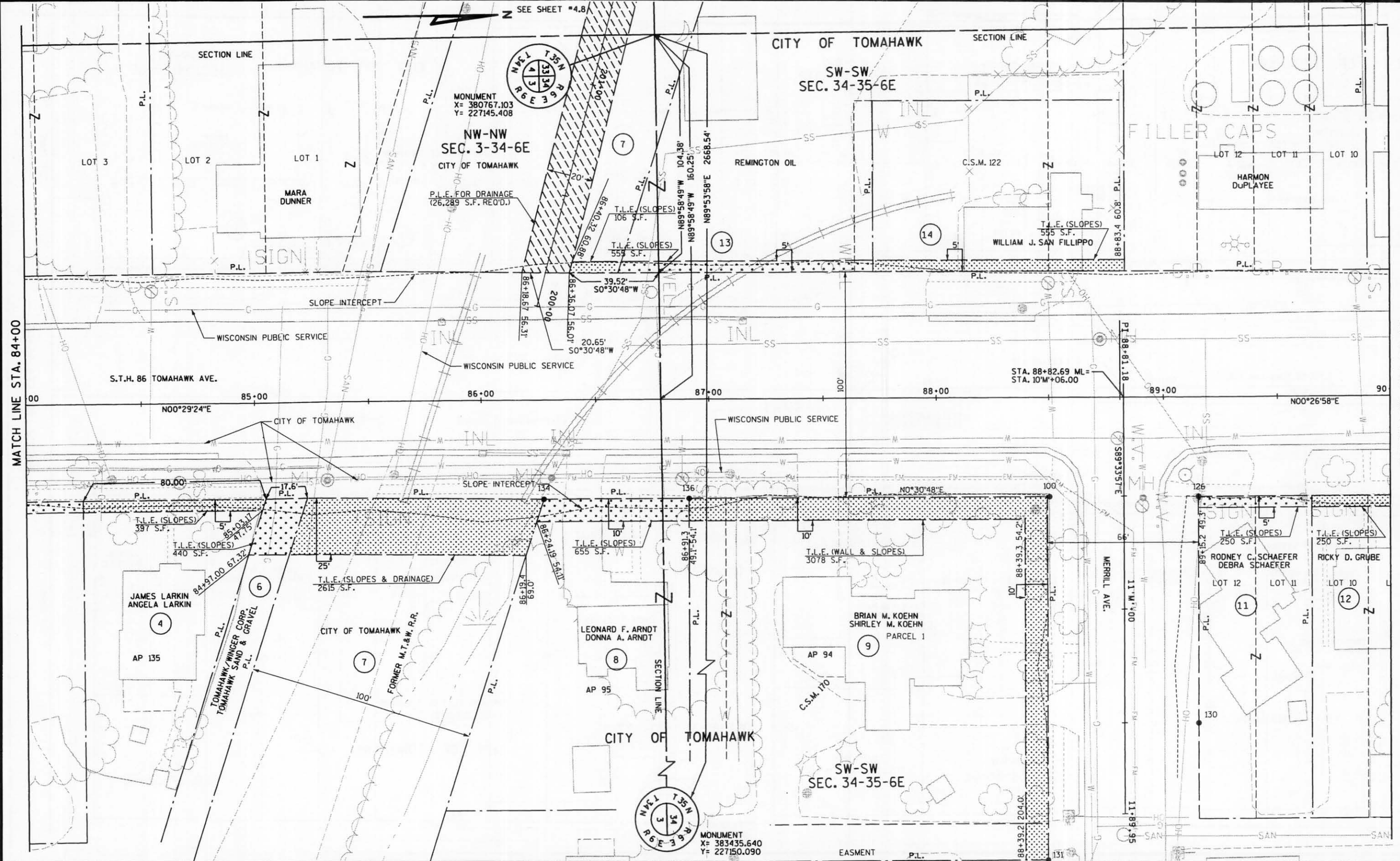


4

MATCH LINE STA. 84+00

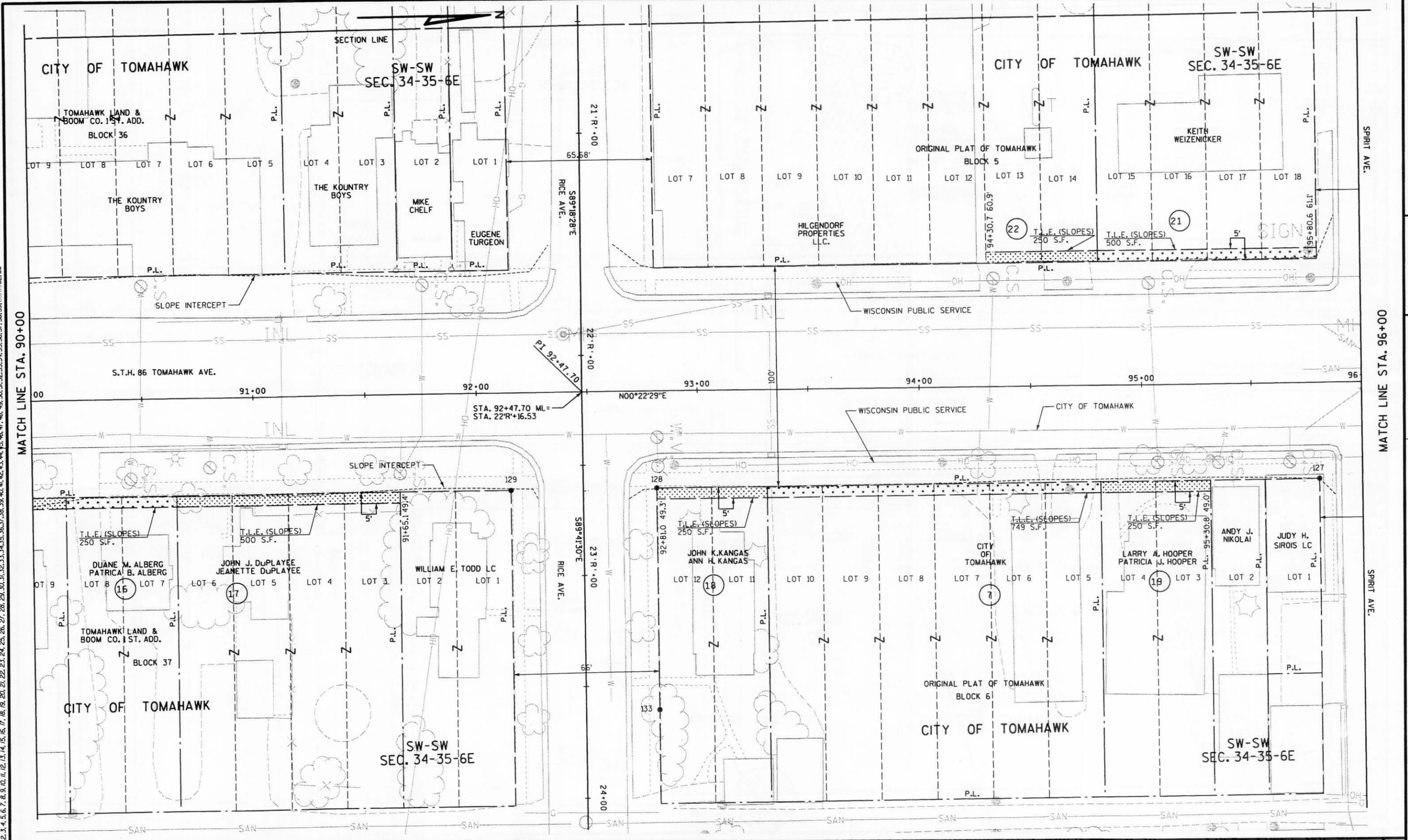
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	GRID FACTOR N/A		COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4. 4
FILE NAME : ...:row01.dgn	PLOT DATE: 12 SEP 2003	ORG DATE :	PLOT NAME :	Originator : Dist	PLOT SCALE : \$\$.....PlotScale.....\$\$

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



REVISION DATE	DATE 4-30-03	SCALE, FEET 0 20 40	HWY: S.T.H. 86	CONSTRUCTION PROJECT NUMBER 9215-11-70	PS&E SHEET NO: 79
	GRID FACTOR N/A		COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4. 5 E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



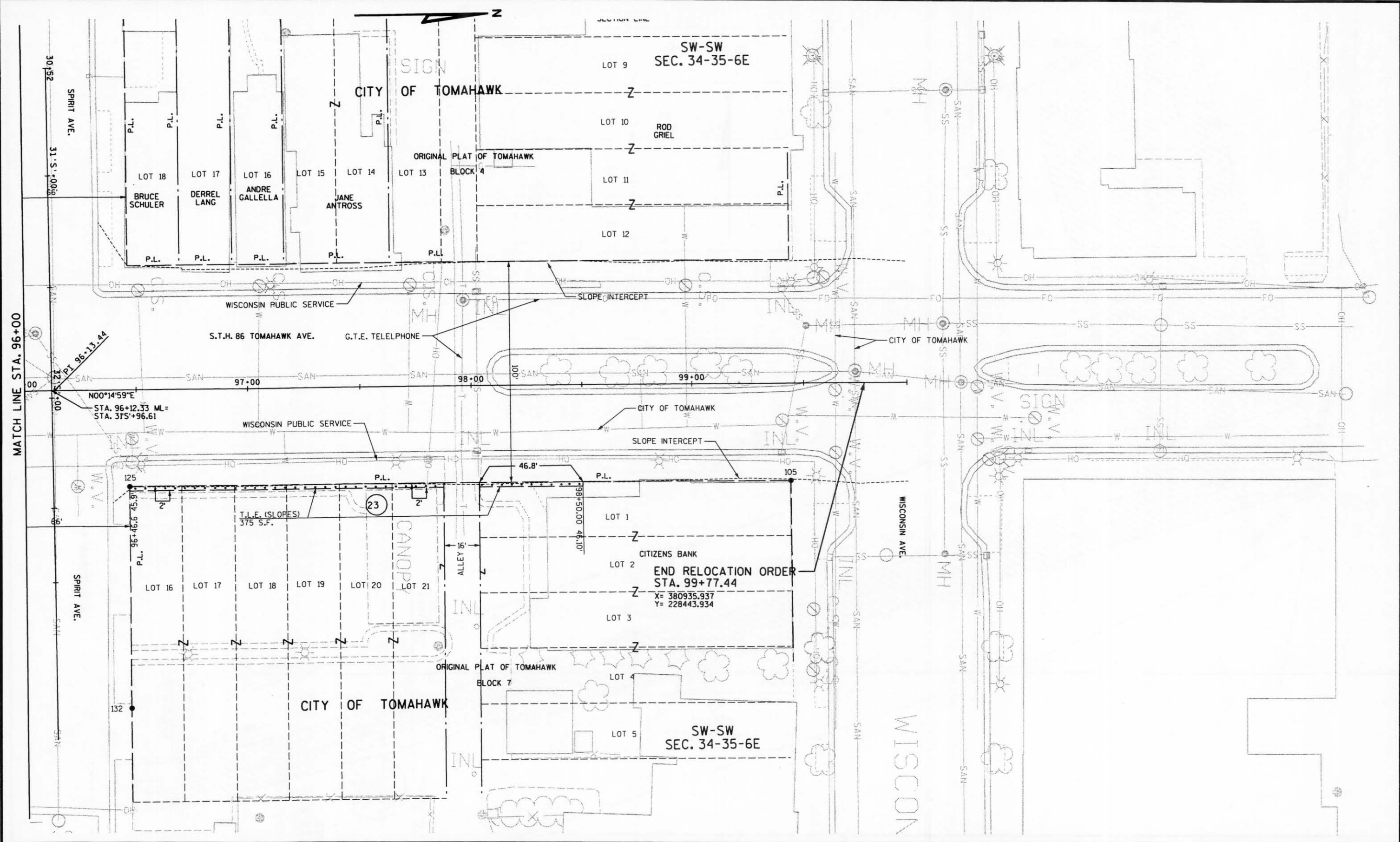
MATCH LINE STA. 90+00

MATCH LINE STA. 96+00

4

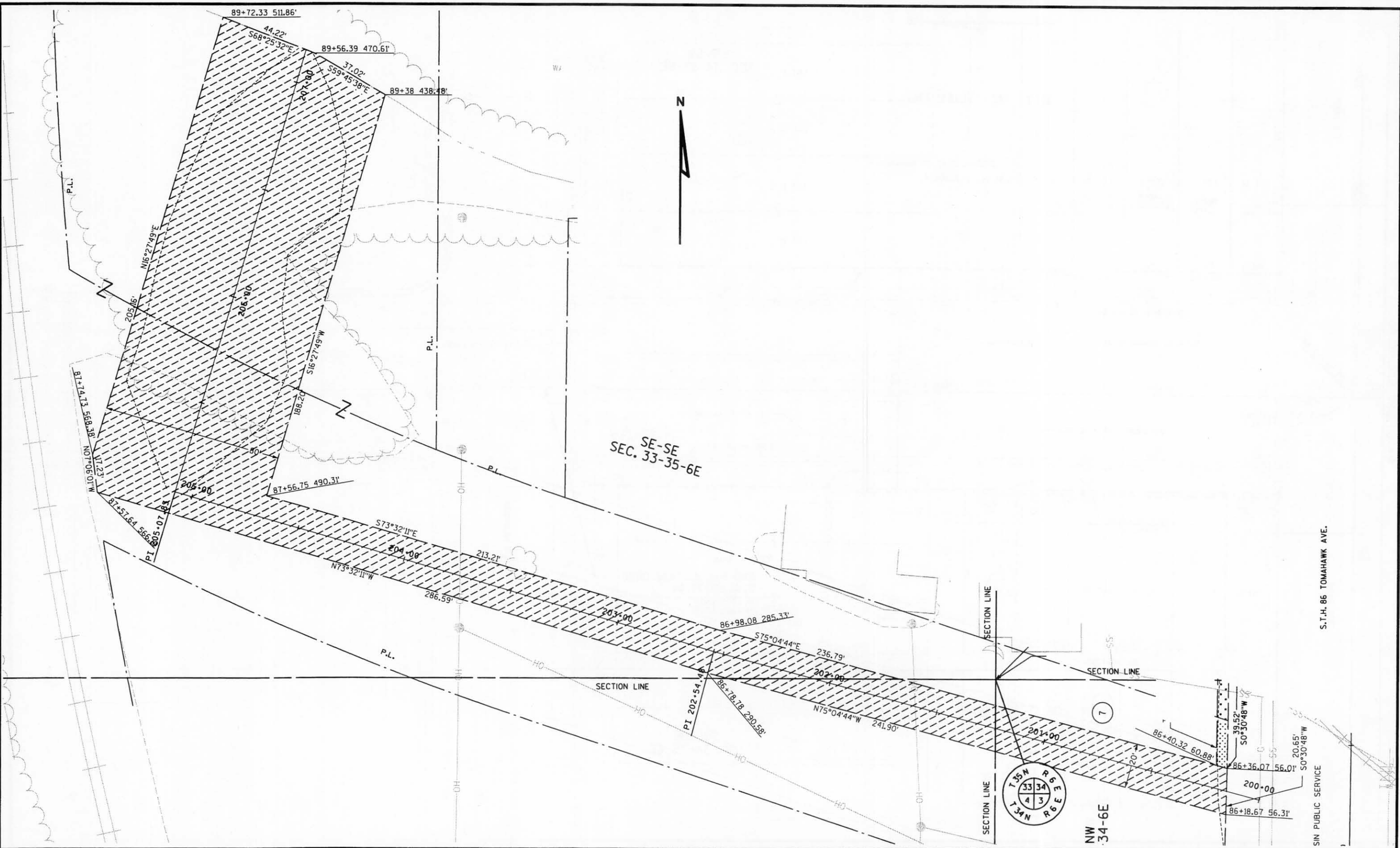
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	GRID FACTOR N/A		COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4. 6

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



REVISION DATE	DATE 4-30-03	SCALE, FEET 0 20 40	HWY: S.T.H. 86	CONSTRUCTION PROJECT NUMBER 9215-11-70	PS&E SHEET NO: 81
	GRID FACTOR N/A		COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4, 7 E

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



4

REVISION DATE	DATE 4-30-03	SCALE, FEET 0 20 40	HWY: S.T.H. 86	CONSTRUCTION PROJECT NUMBER 9215-11-70	PS&E SHEET NO: 82
	GRID FACTOR N/A		COUNTY: LINCOLN	STATE R/W PROJECT NUMBER 9215-11-21	PLAT SHEET NO: 4, 8 E