

STATE LINE  
COUNTY LINE  
TOWNSHIP & RANGE LINES  
QUARTER LINE  
SIXTEENTH LINE  
SECTION LINE  
NEW REFERENCE LINE  
NEW R/W LINE  
EXISTING R/W LINE  
PROPERTY LINE  
CORPORATE LIMITS

NO ACCESS (BY ACQUISITION)  
NO ACCESS (BY PREVIOUS ACQUISITION)  
NO ACCESS (BY STATUTORY AUTHORITY)

LIMITED EASEMENT  
FENCE  
BEAM GUARD

SECTION  
CORNER

LOT & TIE  
SLOPE INTERCEPTS  
UNDERGROUND UTILITIES  
IRON PIN/PIPE  
POWER POLE NON COMP.  
TELEPHONE POLE NON COMP.  
TELEPHONE PEDESTAL NON COMP.  
ELECTRIC TRANSFORMER NON COMP.  
POWER POLE COMP.  
TELEPHONE POLE COMP.  
TELEPHONE PEDESTAL COMP.  
ELECTRIC TRANSFORMER COMP.

MONUMENTED R/W POINT  
NON-MONUMENTED R/W POINT  
NOTATION FOR COMBUSTIBLE FLUIDS

BRIDGE

STREAM OR RIVER

CHANNEL CHANGE

LAKE

CULVERT (BOX, PIPE OR CATTLE)

RAIL LINE

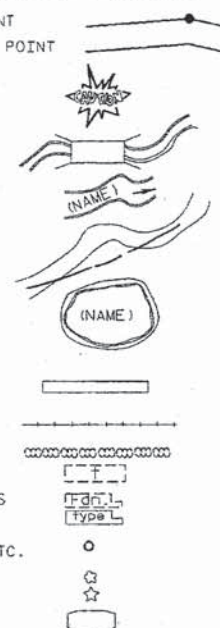
BUSHES

CEMETERY

FOUNDATION OR RUINS  
BUILDING  
SILO, MANHOLE, WELL,  
VENT, SEPTIC TANK, ETC.

TREES (DECIDUOUS)  
(CONIFEROUS)

R/W POINT NUMBER



A.P. ACCESS POINT  
AC. ACRES  
AG. AGRICULTURAL  
A.H. AHEAD  
ALUM. ALUMINUM  
ET. AL. AND OTHERS  
BK. BACK  
BIT. BITUMINOUS  
C.E. COMMERCIAL ENTRANCE  
C.M. CABLE MARKER  
C. CENTERLINE  
C.T.H. COUNTY TRUNK HIGHWAY  
C.S.M. CERTIFIED SURVEY MAP  
CONC. CONCRETE  
COR. CORNER  
CULV. CULVERT  
d/b/a DOING BUSINESS AS  
FDN. FOUNDATION  
F.E. FIELD ENTRANCE  
FRL. FRACTIONAL  
G. GARAGE  
G.M. GAS MARKER  
G.P. GAS PUMPS  
H. HOUSE  
ha HECTARES  
I.P. IRON PIPE  
L.C. LAND CONTRACT  
LT. LEFT  
L. LENGTH OF CURVE  
L.C. LONG CHORD  
L.C.B. LONG CHORD BEARING

M.H. MANHOLE  
m METERS  
MON. MONUMENT  
O.L. OUTLOT  
P. PAGE  
P.D. PRIVATE DRIVEWAY  
P.E. PRIVATE ENTRANCE  
P.K. PARKER-KALON  
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  
R.R. RAILROAD  
R. REFERENCE LINE  
R.D.E. RESTRICTED DEVELOPMENT EASEMENT  
RT. RIGHT  
R/W RIGHT OF WAY  
SEC. SECTION  
S. SHED  
S.T.H. STATE TRUNK HIGHWAY  
STA. STATION  
T. TANGENT LENGTH OF CURVE  
TAV. TAVERN  
T.I. TEMPORARY INTEREST  
V. VOLUME  
X EAST COORDINATE (GRID)  
Y NORTH COORDINATE (GRID)  
N NORTH COORDINATE (GROUND)  
E EAST COORDINATE (GROUND)

R/W PROJECT NUMBER 1052-05-27	SHEET NUMBER 4.1	TOTAL SHEETS
FEDERAL PROJECT NUMBER		
PLAT OF RIGHT OF WAY REQUIRED FOR I.H. 94 - GREEN BAY (IH 94 - CTH J)		
S.T.H. 29 CHIPPEWA COUNTY		

(120TH STREET - 130TH STREET)

THIS SURVEY IS PREPARED AT THE REQUEST OF THE STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION. THE FIELD SURVEY WAS PERFORMED NOVEMBER OF 1994. THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Evelyn L. Farneding* May 21, 1998  
EVELYN L. FARNEDING, RLS S-1669



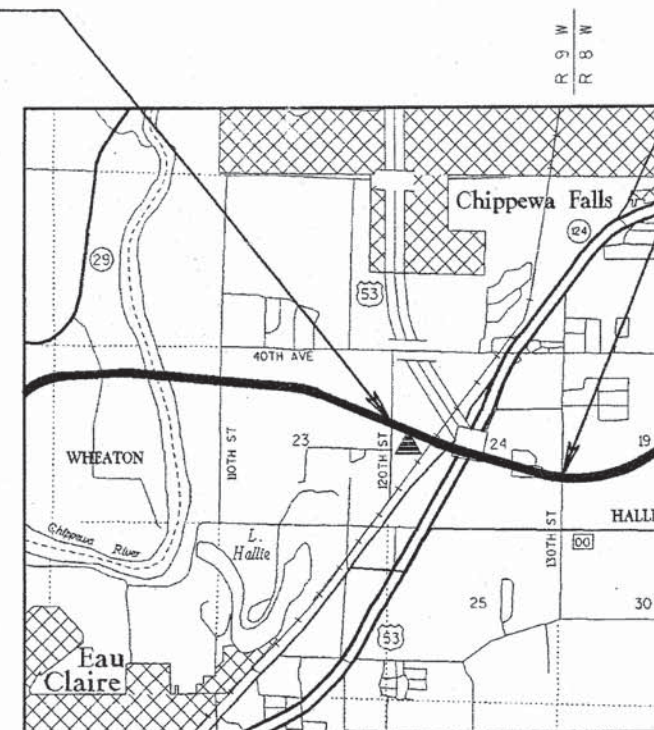
BEGIN RELOCATION ORDER PROJECT 1052-05-27

STA 5+EB+974.153

Y 118 935.378  
X 487 217.966

142.540 m N. AND 2.144 m E. OF  
W 1/4 COR. SEC. 24, T28N, R9W

N



END RELOCATION ORDER PROJECT 1052-05-27

STA 7+EB+654.770

Y 118 437.572  
X 488 819.184

333.095 m S. AND 4.978 m W. OF  
E 1/4 COR. SEC. 24, T28N, R9W

## NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COORDINATE SYSTEM CENTRAL ZONE. 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. GRID - NAD 83 (1991). STATIONING AND DRAWINGS ARE GROUND.

RIGHT OF WAY MONUMENTS ARE TYPE-2 (5/8" x 24" REINFORCEMENT BAR WEIGHING 104 LB/FT.) 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.

COORDINATE VALUES ARE GRID AND IN METERS.

LAYOUT

0 1km 2km  
SCALE

TOTAL NET LENGTH OF CENTERLINE = 1.681 km

PLAT PREPARED  
BY

**AYRES**  
ASSOCIATES

Engineers/Architects  
Scientists/Surveyors  
3433 Oakwood Hills Parkway  
Eau Claire, WI 54601

REVISION DATE  
08/23/02  
04/11/03  
6/27/07 NC  
2-27-09 NC  
06/09/2015 NC

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED:

DATE: 5/27/98  
PROJECT MANAGER



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PLOT NAME - PH22LASER298RW200r.f  
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# 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 AREA	R/W AREA REQUIRED OR EXISTING		TOTAL	TOTAL AREA REMAINING	T.I. AREA
					NEW	EXISTING			
434	4.6 & 4.7	PHILLIPS PROPERTIES, INC.	FEE & ACCESS RIGHTS	48.502 ha ( 119.85 AC)	16.323 ha ( 40.33 AC)	0.566 ha ( 1.40 AC)	16.889 ha ( 41.73 AC)	30.975 ha ( 76.54 AC)	---
435	4.6	RONALD V. & JOAN M. SCHAEFER	FEE	2.023 ha ( 5.00 AC)	0.084 ha ( 0.21 AC)	0.105 ha ( 0.26 AC)	0.189 ha ( 0.47 AC)	1.834 ha ( 4.53 AC)	---
436	4.6	DOUGLAS W. & CHERYL K. MASON	FEE	2.044 ha ( 5.05 AC)	0.024 ha ( 0.06 AC)	0.065 ha ( 0.16 AC)	0.089 ha ( 0.22 AC)	1.955 ha ( 4.83 AC)	---
437	4.6	VIRGINIA R. MESIAR	FEE & ACCESS RIGHTS	2.671 ha ( 6.60 AC)	0.618 ha ( 1.53 AC)	0.000 ha ( 0.00 AC)	0.618 ha ( 1.53 AC)	2.053 ha ( 5.07 AC)	---
438	4.6	DENNIS J. SR. & DIANA L. RUDE	FEE	0.214 ha ( 0.53 AC)	0.166 ha ( 0.41 AC)	0.000 ha ( 0.00 AC)	0.166 ha ( 0.41 AC)	0.000 ha ( 0.00 AC)	---
439	4.6	NORTHERN STATES POWER COMPANY	FEE & ACCESS RIGHTS	N/A ha ( N/A AC)	0.242 ha ( 0.60 AC)	0.000 ha ( 0.00 AC)	0.242 ha ( 0.60 AC)	N/A ha ( N/A AC)	---
440	4.8	CLIFFORD V. SPICKLER	FEE & ACCESS RIGHTS	5.516 ha ( 13.63 AC)	1.164 ha ( 2.88 AC)	0.000 ha ( 0.00 AC)	1.164 ha ( 2.88 AC)	4.352 ha ( 10.75 AC)	---
441	4.8	WALTER J. VIOLET	FEE	0.817 ha ( 2.02 AC)	0.594 ha ( 1.47 AC)	0.000 ha ( 0.00 AC)	0.594 ha ( 1.47 AC)	0.223 ha ( 0.55 AC)	---
442	4.8	JOAN R. HARRIS	FEE	0.607 ha ( 1.50 AC)	0.114 ha ( 0.28 AC)	0.000 ha ( 0.00 AC)	0.114 ha ( 0.28 AC)	0.493 ha ( 1.22 AC)	---
443	4.8	TERRY L. & CATHERINE E. SUNDE	FEE	1021.94 m2 ( 11,000 SF)	359.17 m2 ( 3,866 SF)	0.00 m2 ( 0.00 SF)	359.17 m2 ( 3,866 SF)	662.77 m2 ( 7,134 SF)	---
444	4.8	GLENNIS R. GALINDO	FEE	1021.94 m2 ( 11,000 SF)	212.68 m2 ( 2,289 SF)	0.00 m2 ( 0.00 SF)	212.68 m2 ( 2,289 SF)	809.26 m2 ( 8,711 SF)	---
446	4.8	JAMES G. BISCHOFF	FEE	1021.94 m2 ( 11,000 SF)	110.38 m2 ( 1,188 SF)	0.00 m2 ( 0.00 SF)	110.38 m2 ( 1,188 SF)	911.56 m2 ( 9,812 SF)	---
447	4.8	SEAN & CARRIE CARLSON	FEE	1021.94 m2 ( 11,000 SF)	66.52 m2 ( 716 SF)	0.00 m2 ( 0.00 SF)	66.52 m2 ( 716 SF)	955.42 m2 ( 10,284 SF)	---
448	4.8	LESLIE J. TRECARTIN	FEE	1021.94 m2 ( 11,000 SF)	19.84 m2 ( 214 SF)	0.00 m2 ( 0.00 SF)	19.84 m2 ( 214 SF)	1002.10 m2 ( 10,786 SF)	---
449	4.9 & 4.10	CLIFFORD V. SPICKLER	FEE, T.I. & ACCESS RIGHTS	15.378 ha ( 38.00 AC)	3.039 ha ( 7.51 AC)	0.000 ha ( 0.00 AC)	3.039 ha ( 7.51 AC)	12.339 ha ( 30.49 AC)	0.025 ha ( 0.06 AC)
451	4.9	DESIGN HOMES, INC.	FEE & ACCESS RIGHTS	3.966 ha ( 9.80 AC)	1.330 ha ( 3.29 AC)	0.000 ha ( 0.00 AC)	1.330 ha ( 3.29 AC)	2.636 ha ( 6.51 AC)	---
452	4.9	GERALD E. BLESKACEK	FEE & ACCESS RIGHTS	4.014 ha ( 9.92 AC)	0.206 ha ( 0.51 AC)	0.000 ha ( 0.00 AC)	0.206 ha ( 0.51 AC)	3.808 ha ( 9.41 AC)	---
453	4.9	DEAN C. LARSON & KIMBERLY K. LARSON	FEE	1.683 ha ( 4.16 AC)	0.004 ha ( 0.01 AC)	0.000 ha ( 0.00 AC)	0.004 ha ( 0.01 AC)	1.679 ha ( 4.15 AC)	---
454	4.9	EMMA M. MORRISSEY	FEE	6.977 ha ( 17.24 AC)	0.883 ha ( 2.18 AC)	0.052 ha ( 0.13 AC)	0.935 ha ( 2.31 AC)	6.042 ha ( 14.93 AC)	---
455	4.9 & 4.10	ROBERT L. & ALTA H. BRAGG	FEE & ACCESS RIGHTS	2.590 ha ( 6.40 AC)	0.905 ha ( 2.24 AC)	0.000 ha ( 0.00 AC)	0.905 ha ( 2.24 AC)	1.685 ha ( 4.16 AC)	---
456	4.10	ST. JOSEPH APARTMENTS	FEE & ACCESS RIGHTS	8.498 ha ( 21.00 AC)	2.444 ha ( 6.04 AC)	0.000 ha ( 0.00 AC)	2.444 ha ( 6.04 AC)	6.054 ha ( 14.96 AC)	---
457	4.10	ALEXANDER FAMILY TRUST	FEE & ACCESS RIGHTS	3.237 ha ( 8.00 AC)	1.201 ha ( 2.97 AC)	0.041 ha ( 0.10 AC)	1.242 ha ( 3.07 AC)	1.995 ha ( 4.93 AC)	---
458	4.10 & 4.11	KENNETH H. & MARGARET M. SCHOENBERG TRUST	FEE & ACCESS RIGHTS	9.308 ha ( 23.00 AC)	3.165 ha ( 7.82 AC)	0.151 ha ( 0.37 AC)	3.316 ha ( 8.19 AC)	5.992 ha ( 14.81 AC)	---
459	4.10 & 4.11	HELEN M. PECK	FEE & ACCESS RIGHTS	16.187 ha ( 40.00 AC)	5.763 ha ( 14.24 AC)	0.165 ha ( 0.41 AC)	5.928 ha ( 14.65 AC)	10.259 ha ( 25.35 AC)	---
461	4.12	DONALD W. JOHNSON, VDR. L.C. TO JOHNSON MONUMENT LLC, VDE.	FEE & ACCESS RIGHTS	1.594 ha ( 3.94 AC)	0.029 ha ( 0.07 AC)	0.000 ha ( 0.00 AC)	0.029 ha ( 0.07 AC)	1.565 ha ( 3.87 AC)	---
462	4.12	DONALD JOHNSON	FEE & ACCESS RIGHTS	2.574 ha ( 6.36 AC)*	2.318 ha ( 5.73 AC)	0.000 ha ( 0.00 AC)	2.318 ha ( 5.73 AC)	0.256 ha ( 0.63 AC)	---

\* CALCULATED

REVISION DATE 2-27-09 NC  
08/23/02 06/09/2015 NC  
04/11/03 NC  
6-27-07 NC

DATE 05/21/98  
GRID FACTOR

HWY: S.T.H. 29  
COUNTY: CHIPPEWA

FEDERAL PROJECT NO:  
STATE R/W PROJECT NO: 1052-05-27

SHEET NO: 4.2

M

ORIGINATOR:

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



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# 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 AREA	R/W AREA REQUIRED OR EXISTING			TOTAL AREA REMAINING	T.I. AREA
					NEW	EXISTING	TOTAL		
463	4.12	JAMES PETERSON SONS, INC.	FEE & ACCESS RIGHTS	( 5.261 ha 13.00 AC)	( 0.631 ha 1.56 AC)	( 0.000 ha 0.00 AC)	( 0.631 ha 1.56 AC)	( 4.630 ha 11.44 AC)	---
464	4.12	WILLIAM W. PROUD	FEE & ACCESS RIGHTS	( 2.044 ha 5.05 AC)	( 0.329 ha 0.81 AC)	( 0.000 ha 0.00 AC)	( 0.329 ha 0.81 AC)	( 0.000 ha 0.00 AC)	---
465	4.12	TOWN OF HALLIE	FEE & ACCESS RIGHTS	( 2.351 ha 5.81 AC)	( 0.792 ha 1.96 AC)	( 0.016 ha 0.04 AC)	( 0.808 ha 2.00 AC)	( 1.543 ha 3.81 AC)	---
466	4.12	RANDALL L. & PATRICIA A. WALKER	FEE, T.I. & ACCESS RIGHTS	( 1.773 ha 4.38 AC)	( 0.546 ha 1.35 AC)	( 0.000 ha 0.00 AC)	( 0.546 ha 1.35 AC)	( 1.227 ha 3.03 AC)	0.020 ha ( 0.05 AC)
467	4.13	KENNETH H. & MARGARET M. SCHOENBERG TRUST	FEE	( 2.113 ha 5.22 AC)	( 0.016 ha 0.04 AC)	( 0.000 ha 0.00 AC)	( 0.016 ha 0.04 AC)	( 2.097 ha 5.18 AC)	---
468	4.13	FRITZ KOEPL, INC.	FEE & ACCESS RIGHTS	( 15.548 ha 38.42 AC)	( 5.455 ha 13.48 AC)	( 0.443 ha 1.09 AC)	( 5.898 ha 14.57 AC)	( 9.650 ha 23.85 AC)	---
469	4.13	ERIC J. SCHOENBERG, ETAL	FEE	( 2.767 ha 6.84 AC)	( 2.767 ha 6.84 AC)	( 0.000 ha 0.00 AC)	( 2.767 ha 6.84 AC)	( 0.000 ha 0.00 AC)	---
471	4.12	RANDALL L. & PATRICIA A. WALKER, VDR. L.C. TO JOHN W. & JULIE L. BURGESS, VDE	FEE	( 0.676 ha 1.67 AC)	( 0.067 ha 0.17 AC)	( 0.000 ha 0.00 AC)	( 0.067 ha 0.17 AC)	( 0.609 ha 1.50 AC)	---
482	4.8, 4.9 & 4.12	NORTHERN STATES POWER COMPANY (ELECTRIC DISTRIBUTION)	(1052-07-46) RELEASE OF RIGHTS	---	---	---	---	---	---
483	4.10 & 4.11	EAU CLAIRE ELECTRIC COOPERATIVE	(1052-09-42) RELEASE OF RIGHTS	---	---	---	---	---	---
485	4.8, 4.12 & 4.13	AMERITECH	(1052-07-47) RELEASE OF RIGHTS	---	---	---	---	---	---
487	4.8, 4.12	CHARTER COMMUNICATIONS	(1052-07-48) RELEASE OF RIGHTS	---	---	---	---	---	---
488	4.7	WILLIAMS PIPE LINE COMPANY	(1052-08-40) RELEASE OF RIGHTS	---	---	---	---	---	---
489	4.7, 4.11 & 4.12	VIKING GAS TRANSMISSION COMPANY	(1052-08-41) RELEASE OF RIGHTS	---	---	---	---	---	---
494	4.6	NORTHERN STATES POWER COMPANY (ELECTRIC TRANSMISSION)	(1052-08-42) RELEASE OF RIGHTS	---	---	---	---	---	---
495	4.6	NORTHERN STATES POWER COMPANY (GAS)	(1052-08-43) RELEASE OF RIGHTS	---	---	---	---	---	---
499	4.6 & 4.7	UNION PACIFIC RAILROAD	AGREEMENT	---	---	---	---	---	---

REVISION DATE 2-27-09 NC  
08/23/02 06/09/2015 NC  
04/11/03  
6-27-07 NC

DATE 05/21/98  
GRID FACTOR

HWY: S.T.H. 29  
COUNTY: CHIPPEWA

FEDERAL PROJECT NO:  
STATE R/W PROJECT NO: 1052-05-27

SHEET NO: 4.3

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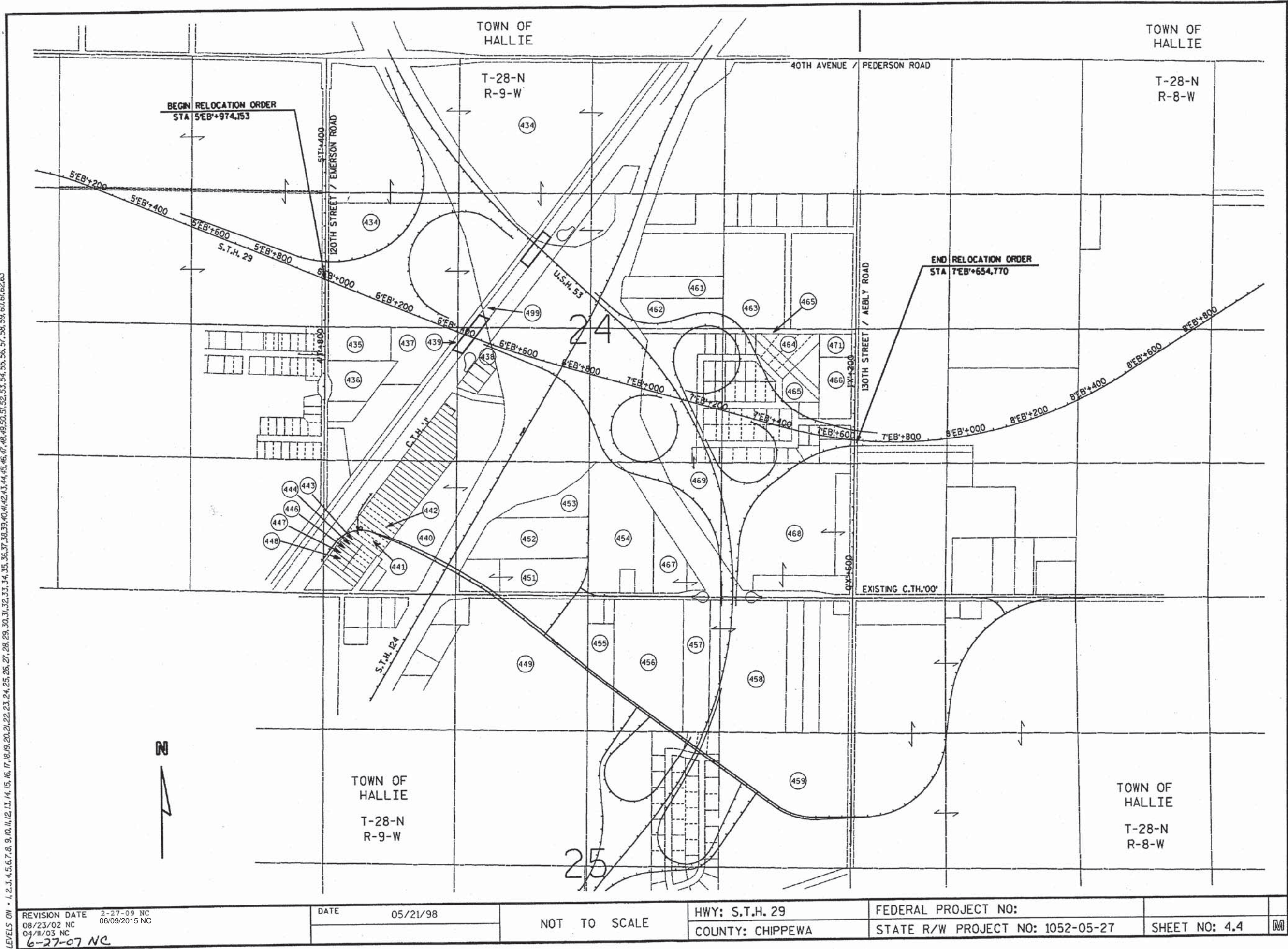
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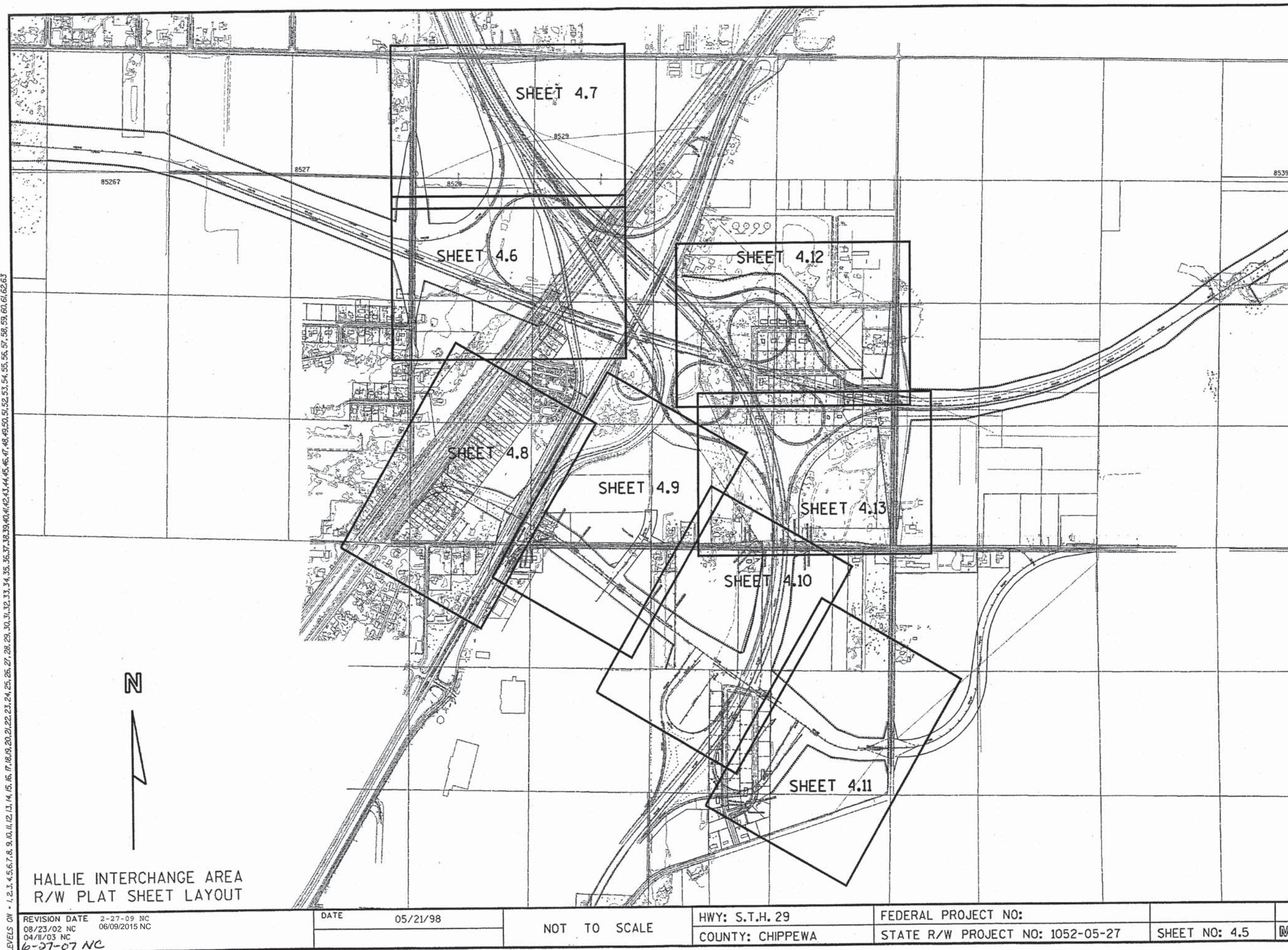
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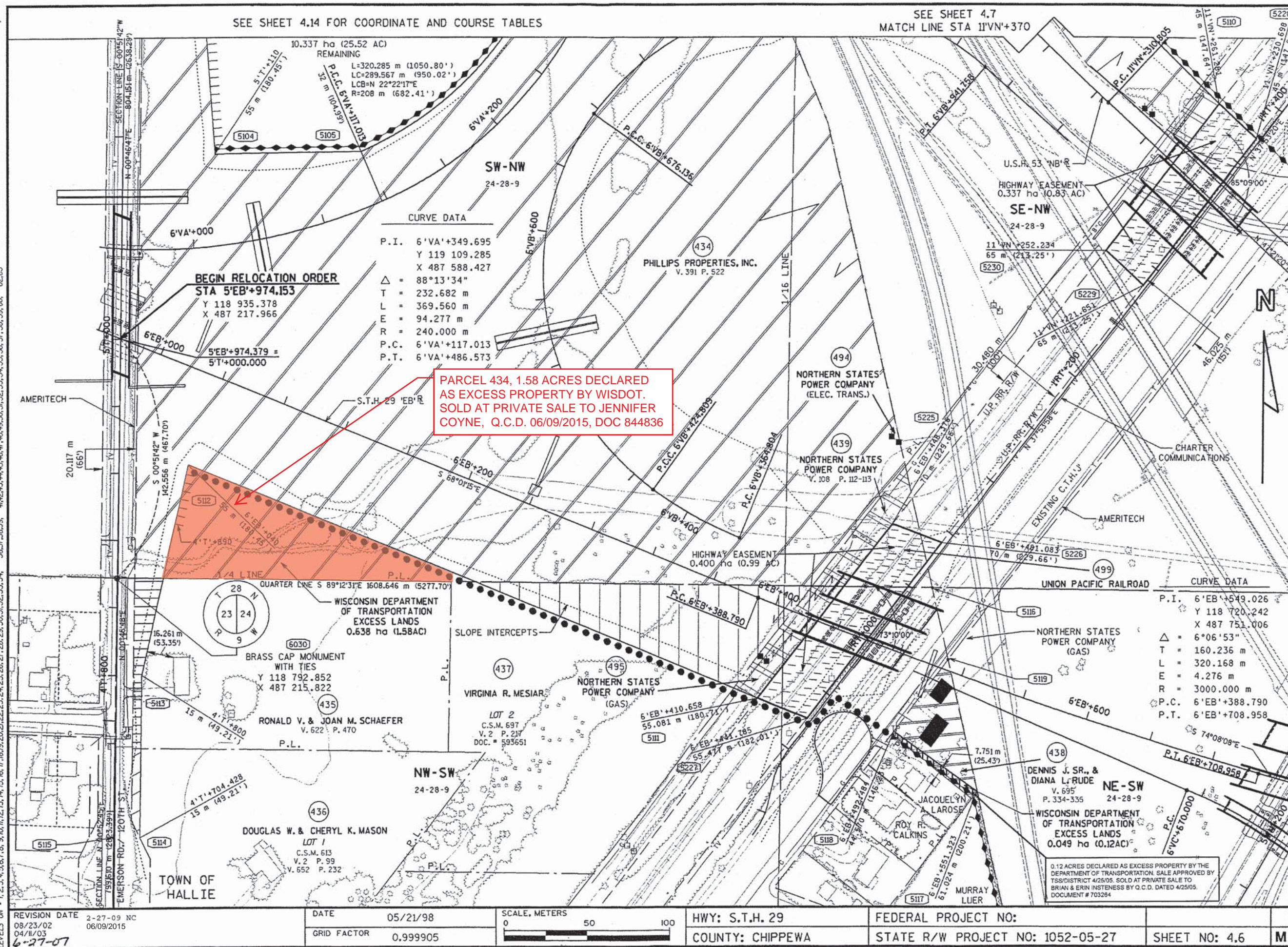


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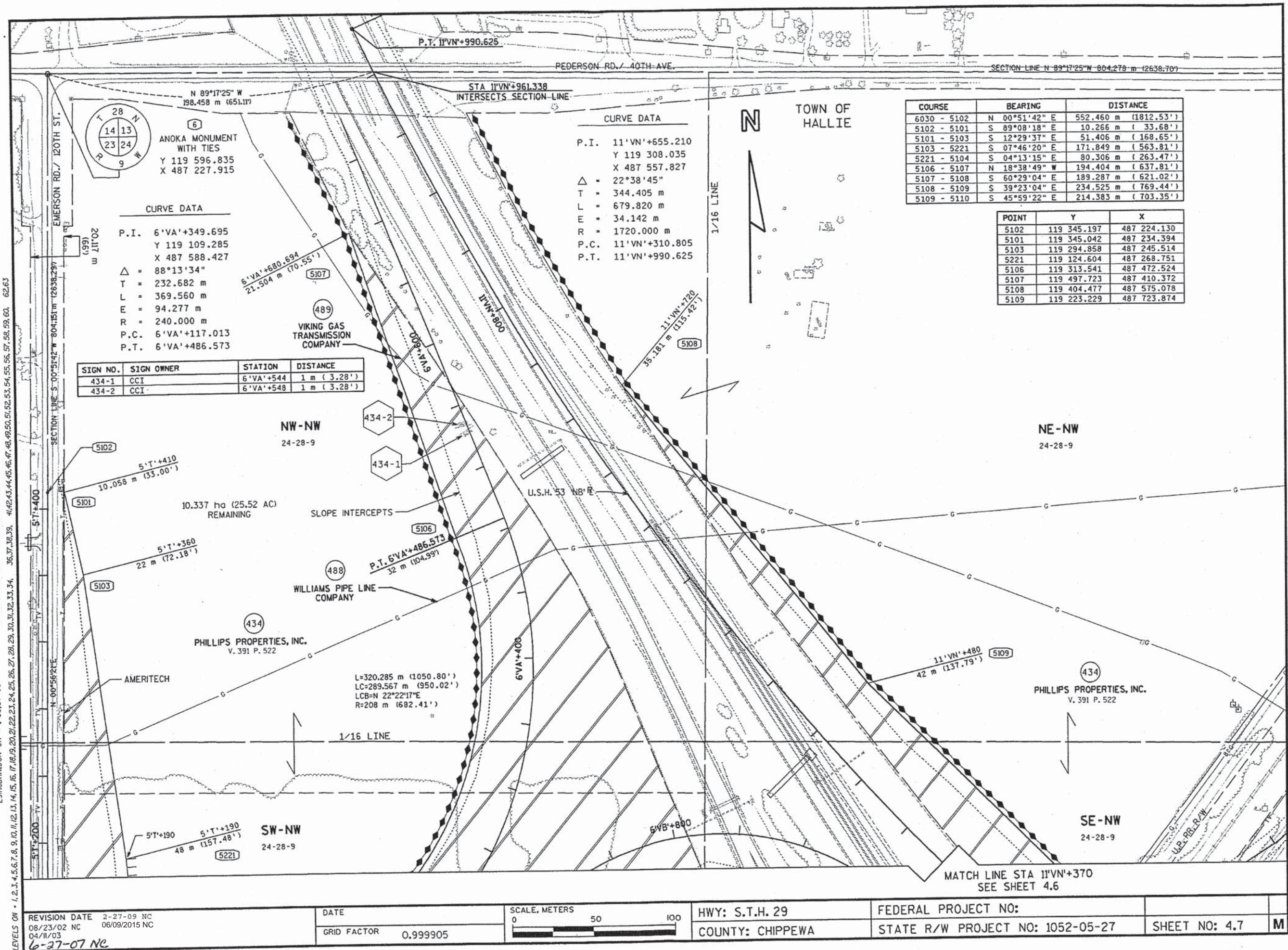
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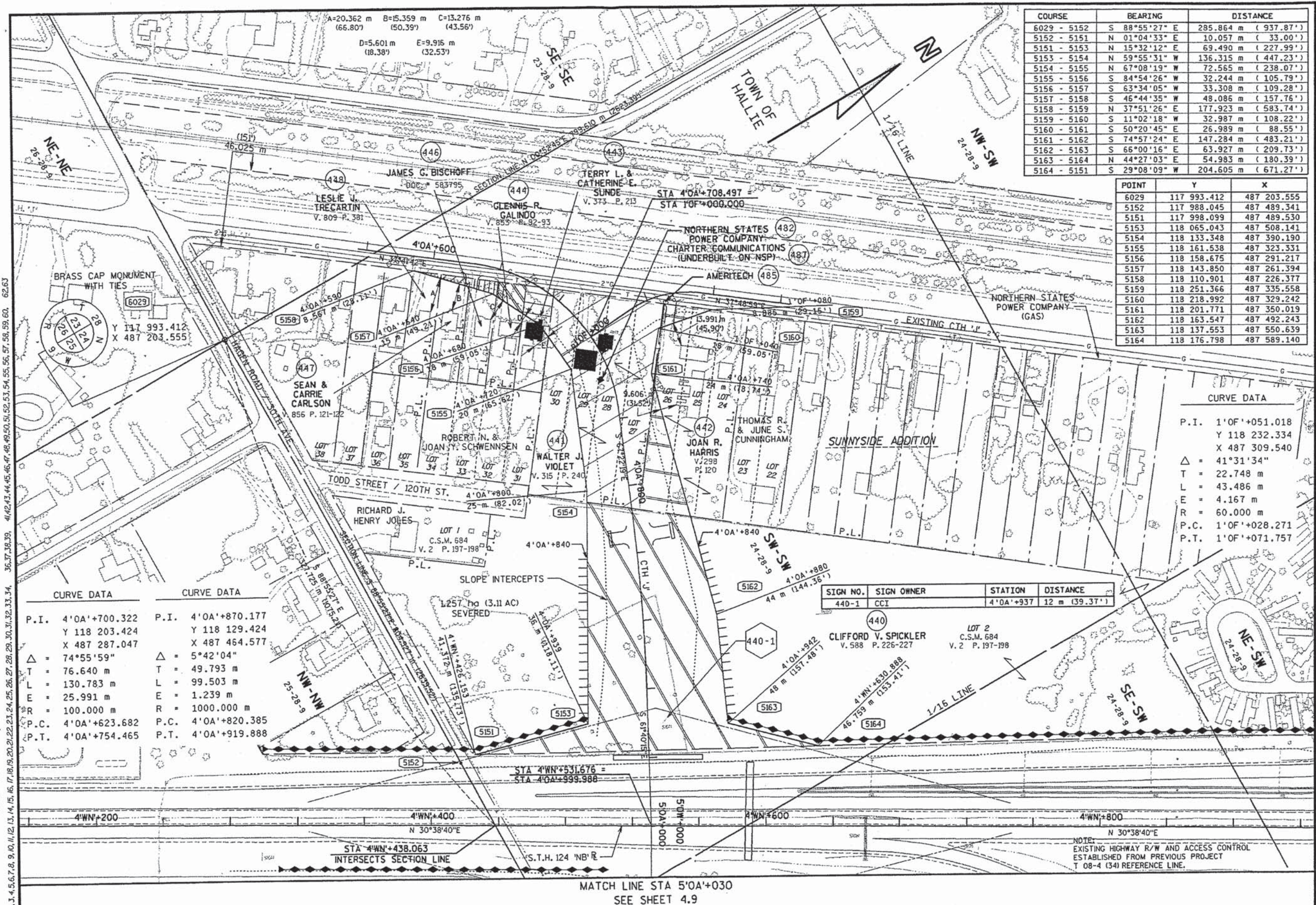
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ORIGINATOR:





ORIGINATOR:



COURSE	BEARING	DISTANCE
6029 - 5152	S 88°55'27" E	285.864 m ( 937.87' )
5152 - 5151	N 01°04'33" E	10.057 m ( 33.00' )
5151 - 5153	N 15°32'12" E	69.490 m ( 227.99' )
5153 - 5154	N 59°55'31" W	136.315 m ( 447.23' )
5154 - 5155	N 67°08'19" W	72.565 m ( 238.07' )
5155 - 5156	S 84°54'26" W	32.244 m ( 105.79' )
5156 - 5157	S 63°34'05" W	33.308 m ( 109.28' )
5157 - 5158	S 46°44'35" W	48.085 m ( 157.76' )
5158 - 5159	N 37°51'26" E	177.923 m ( 583.74' )
5159 - 5160	S 11°02'18" W	32.987 m ( 108.22' )
5160 - 5161	S 50°20'45" E	26.989 m ( 88.55' )
5161 - 5162	S 74°57'24" E	147.284 m ( 483.21' )
5162 - 5163	S 66°00'16" E	63.927 m ( 209.73' )
5163 - 5164	N 44°27'03" E	54.983 m ( 180.39' )
5164 - 5151	S 29°08'09" W	204.605 m ( 671.27' )

POINT	Y	X
6029	117 993.412	487 203.555
5152	117 988.045	487 489.341
5151	117 998.099	487 489.530
5153	118 065.043	487 508.141
5154	118 133.348	487 390.190
5155	118 161.538	487 323.331
5156	118 158.675	487 291.217
5157	118 143.850	487 261.394
5158	118 110.901	487 226.377
5159	118 251.366	487 335.558
5160	118 218.992	487 329.242
5161	118 201.771	487 350.019
5162	118 163.547	487 492.243
5163	118 137.553	487 550.639
5164	118 176.798	487 589.140

CURVE DATA	
P.I.	1'0F'+051.018
Y	118 232.334
X	487 309.540
$\Delta$	41°31'34"
T	22.748 m
L	43.486 m
E	4.167 m
R	60.000 m
P.C.	1'0F'+028.271
P.T.	1'0F'+071.757

SIGN NO.	SIGN OWNER	STATION	DISTANCE
440-1	CCI	4+0A'+937	12 m (39.37')

CURVE DATA		CURVE DATA	
P.I.	4'0A'+700.322	P.I.	4'0A'+870.177
Y	118 203.424	Y	118 129.424
X	487 287.047	X	487 464.577
$\Delta$	= 74°55'59"	$\Delta$	= 5°42'04"
T	= 76.640 m	T	= 49.793 m
L	= 130.783 m	L	= 99.503 m
E	= 25.991 m	E	= 1.239 m
R	= 100.000 m	R	= 1000.000 m
P.C.	4'0A'+623.682	P.C.	4'0A'+820.385
P.T.	4'0A'+754.465	P.T.	4'0A'+919.888

REVISION DATE 2-27-09 NC 08/23/02 06/09/2015 NC 04/11/03 NC 6-27-07 NC	DATE 05/21/98 GRID FACTOR 0.999905	SCALE, METERS 	HWY: S.T.H. 29 COUNTY: CHIPPEWA	FEDERAL PROJECT NO: STATE R/W PROJECT NO: 1052-05-27	SHEET NO: 4.8	M
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SEE SHEET 4.8  
MATCH LINE STA 5'0A'+030

NOTE:  
EXISTING HIGHWAY R/W AND ACCESS CONTROL  
ESTABLISHED FROM PREVIOUS PROJECT  
T 08-4 (34) REFERENCE LINE.

CURVE DATA

P.I.	Y	X	Δ	T	L	E	R	P.C.	P.T.
5'0A'+150.095	117 991.119	487 707.934	7°46'17"	40.753 m	81.382 m	1.382 m	600.000 m	5'0A'+109.342	5'0A'+190.724

STA 5'0A'+160.798  
INTERSECTS SECTION LINE

P.T. 5'0A'+190.724

CURVE DATA

P.I.	Y	X	Δ	T	L	E	R	P.C.	P.T.
1'0G'+219.109	118 031.888	488 008.670	37°37'49"	61.330 m	118.219 m	10.161 m	180.000 m	1'0G'+157.779	1'0G'+275.998

CURVE DATA

P.I.	Y	X	Δ	T	L	E	R	P.C.	P.T.
2'0H'+047.893	117 978.299	488 024.802	29°48'42"	23.957 m	46.828 m	3.134 m	90.000 m	2'0H'+023.936	2'0H'+070.764

STA 5'0A'+360.000 =  
STA 1'0G'+000.000

CURVE DATA

P.I.	Y	X	Δ	T	L	E	R	P.C.	P.T.
2'0H'+047.893	117 978.299	488 024.802	29°48'42"	23.957 m	46.828 m	3.134 m	90.000 m	2'0H'+023.936	2'0H'+070.764

SEE SHEET 4.14 FOR COORDINATE  
AND COURSE TABLES NOT SHOWN

POINT	Y	X
6021	117 978.307	488 007.864
5165	118 357.188	488 013.561
5166	118 379.672	488 035.666
5167	118 378.642	488 099.288
5168	118 333.013	488 146.922
5169	118 291.556	488 173.538
5170	118 311.384	488 083.242

COURSE	BEARING	DISTANCE
6021 - 5165	N 00°51'41" E	378.960 m (1243.30')
5165 - 5166	N 44°30'47" E	31.533 m (103.45')
5166 - 5167	S 89°04'21" E	63.636 m (208.78')
5167 - 5168	S 46°13'53" E	65.968 m (216.43')
5168 - 5169	S 32°42'05" E	49.271 m (161.65')
5169 - 5170	N 77°36'55" W	92.456 m (303.33')
5170 - 5165	N 56°40'53" W	83.395 m (273.61')

MATCH LINE STA 5'0A'+520  
SEE SHEET 4.10

COURSE	BEARING	DISTANCE
6021 - 5165	N 00°51'41" E	378.960 m (1243.30')
5165 - 5166	N 44°30'47" E	31.533 m (103.45')
5166 - 5167	S 89°04'21" E	63.636 m (208.78')
5167 - 5168	S 45°13'53" E	65.968 m (216.43')
5168 - 5169	S 32°42'05" E	49.271 m (161.65')
5169 - 5170	N 77°36'55" W	92.456 m (303.33')
5170 - 5165	N 56°40'53" W	83.395 m (273.61')

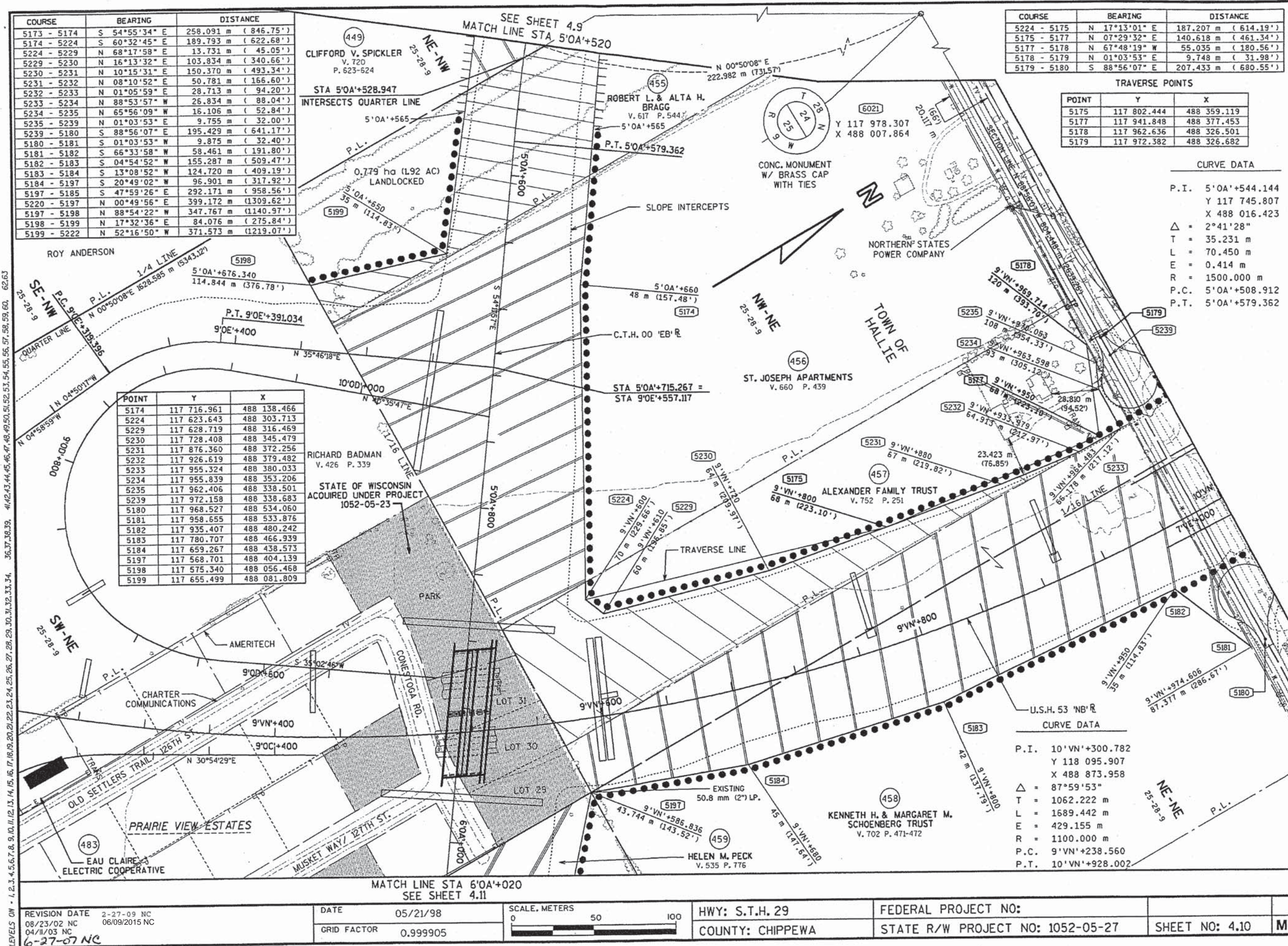


ORIGINATOR:

POINT	Y	X
5174	117 716.961	488 138.466
5224	117 623.643	488 303.713
5229	117 628.719	488 316.469
5230	117 728.408	488 345.479
5231	117 876.360	488 372.256
5232	117 926.619	488 379.482
5233	117 955.324	488 380.033
5234	117 955.839	488 353.206
5235	117 962.406	488 338.501
5239	117 972.158	488 338.683
5180	117 968.527	488 534.060
5181	117 958.655	488 533.876
5182	117 935.407	488 480.242
5183	117 780.707	488 466.393
5184	117 659.267	488 438.573
5197	117 568.701	488 404.139
5198	117 575.340	488 056.468
5199	117 655.499	488 081.809

POINT	Y	X
5175	117 802.444	488 359.119
5177	117 941.848	488 377.453
5178	117 962.636	488 326.501
5179	117 972.382	488 326.682

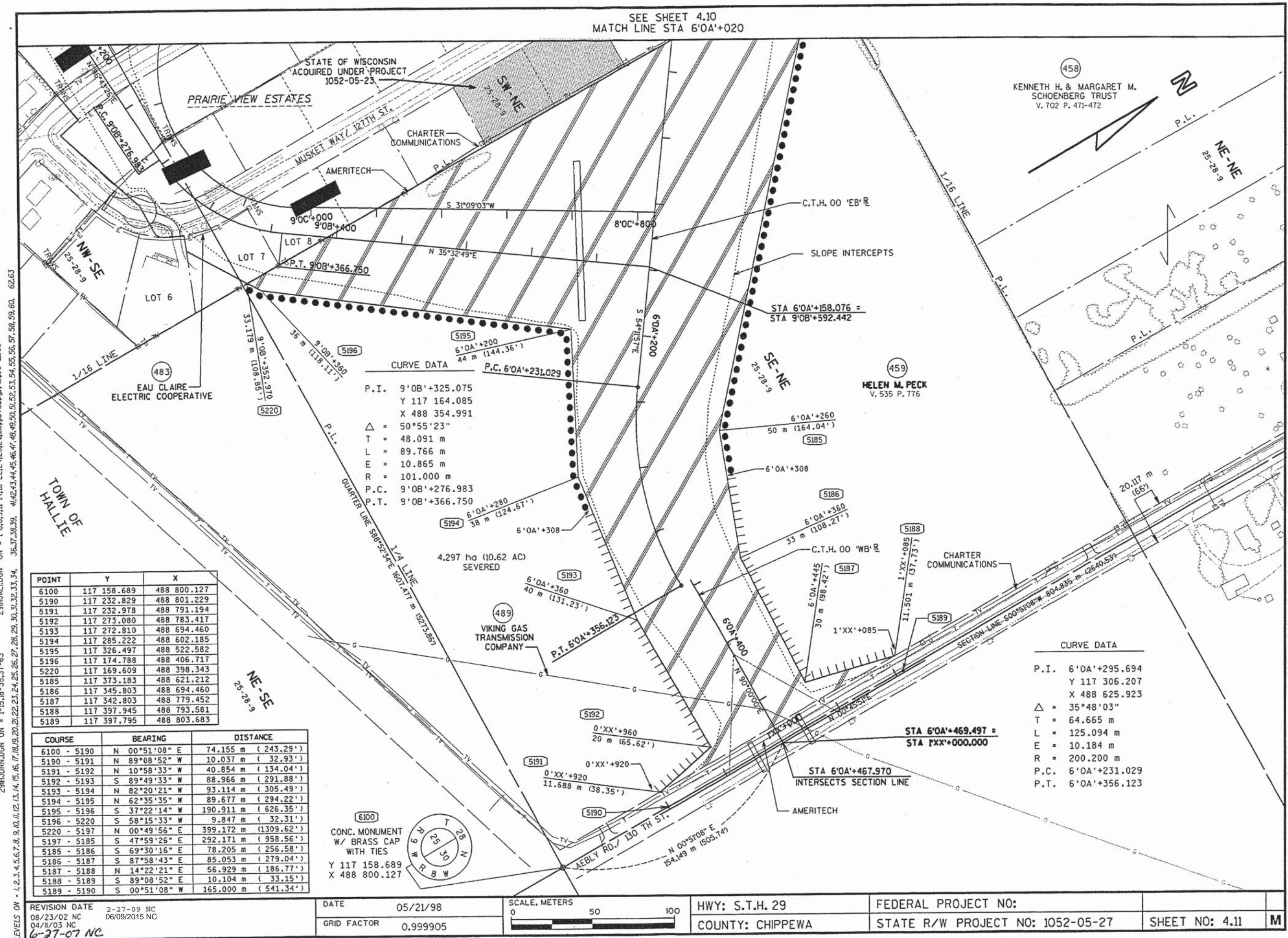
CURVE DATA	
P.I.	5'0A'+544.144
	Y 117 745.807
	X 488 016.423
$\Delta$	2°41'28"
T	35.231 m
L	70.450 m
E	0.414 m
R	1500.000 m
P.C.	5'0A'+508.912
P.T.	5'0A'+579.362





ORIGINATOR:

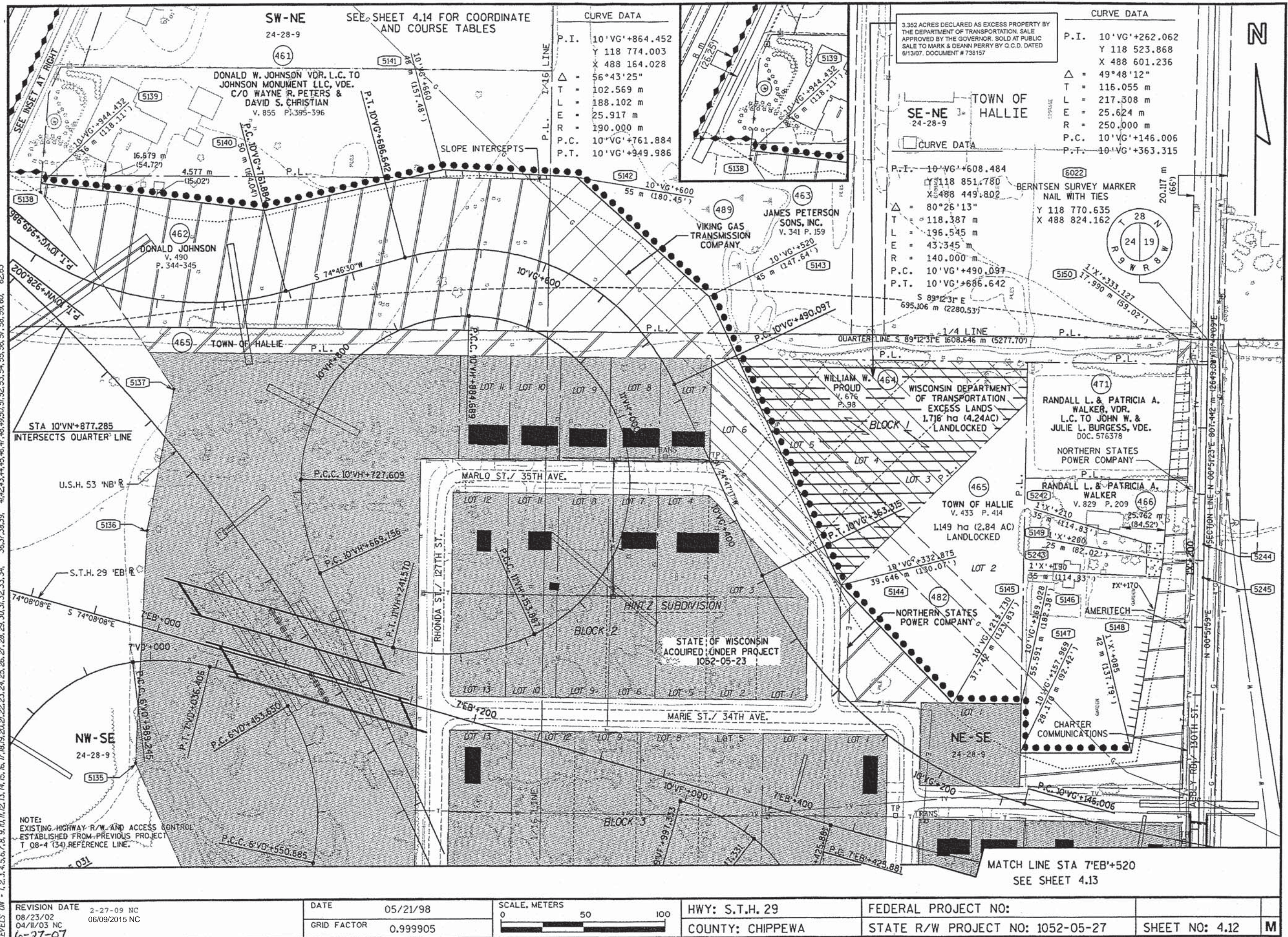
SEE SHEET 4.10  
MATCH LINE STA 6'0A'+020





1HJut1.dgn ON = 1-63  
29IHJet5.dgn ON = 11-63  
29IHJDRN.DGN ON = 1-30.

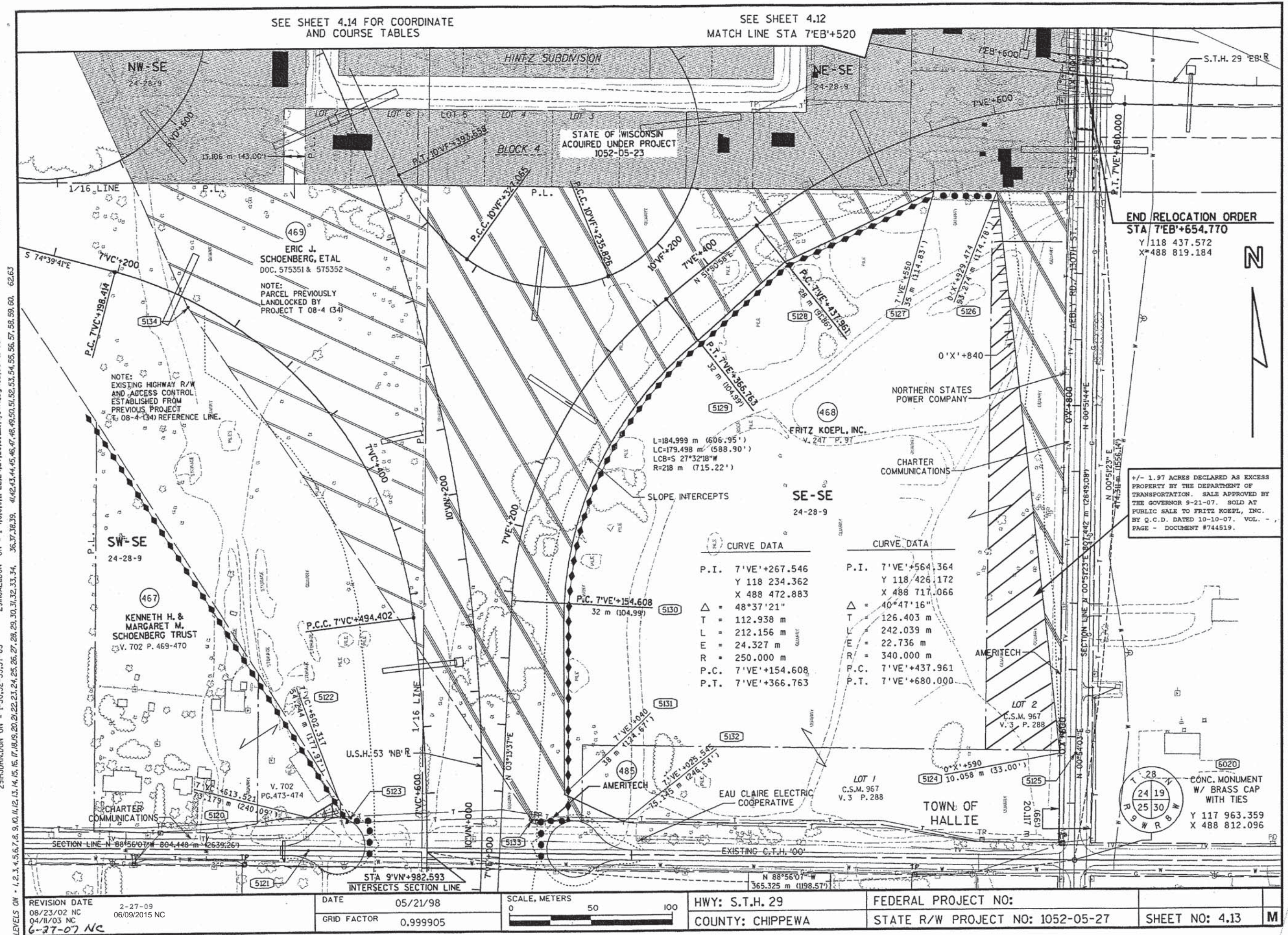
ORIGINATOR:





ORIGINATOR:

SEE SHEET 4.12  
MATCH LINE STA 7'EB'+520





PEN TABLE = #Plot#pentables#user#mspp.tbl  
DATE OF PLOT: 4/14/2003  
PLOT NAME = P:\2\LASER\HURW52.pr-f  
DESIGN FILE = t:\29\h\don&pr-f\HURW52.DGN

#### SHEET 4.6 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6030 - 5116	S 89°12'31" E	491.160 m (1611.41')
5116 - 5119	S 13°08'14" E	43.668 m (143.27')
5119 - 5117	S 13°08'17" E	79.890 m (262.11')
5117 - 5118	N 55°11'50" W	62.093 m (203.72')
5118 - 5119	N 37°46'29" E	53.590 m (175.82')

POINT	Y	X
6030	118 792.852	487 215.822
5116	118 786.068	487 706.888
5119	118 743.547	487 716.813
5117	118 665.756	487 734.970
5118	118 701.192	487 683.989

#### SHEET 4.6 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6030 - 5102	N 00°51'42" E	552.460 m (1812.53')
5221 - 5104	S 04°13'15" E	80.306 m (263.47')
5104 - 5105	N 89°10'15" E	87.678 m (287.66')
5109 - 5110	S 45°59'22" E	214.383 m (703.35')
5110 - 5111	S 37°56'33" W	448.184 m (1470.42')
5111 - 5112	N 68°01'15" W	371.059 m (1217.38')
5112 - 5113	S 12°39'31" W	127.728 m (419.05')
5113 - 5114	S 00°46'47" W	95.572 m (313.56')
5114 - 5115	N 89°07'15" W	15.679 m (51.44')
5115 - 6030	N 00°52'45" E	153.071 m (502.20')

POINT	Y	X
5104	119 044.524	487 274.662
5105	119 045.793	487 362.322
5110	119 074.292	487 878.046
5111	118 720.875	487 602.496
5112	118 859.738	487 258.438
5113	118 735.126	487 230.450
5114	118 639.572	487 229.150
5115	118 639.813	487 213.474

#### SHEET 4.6 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6030 - 5111	S 79°27'20" E	393.353 m (1290.53')
5111 - 5225	N 37°56'33" E	130.615 m (428.53')
5225 - 5226	S 69°28'16" E	31.944 m (104.80')
5226 - 5227	S 37°56'33" W	131.456 m (431.29')
5227 - 5111	N 68°01'15" W	31.703 m (104.01')
6030 - 5110	N 66°58'30" E	719.616 m (2360.94')
5110 - 5228	S 47°21'20" E	30.583 m (100.34')
5228 - 5229	S 37°56'33" W	110.371 m (362.11')
5229 - 5230	N 47°21'20" W	30.583 m (100.34')
5230 - 5110	N 37°56'33" E	110.371 m (362.11')

POINT	Y	X
5225	118 823.872	487 682.800
5226	118 812.671	487 712.713
5227	118 709.012	487 631.892
5228	119 053.575	487 900.540
5229	118 966.541	487 832.681
5230	118 987.258	487 810.188

#### SHEET 4.9 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6021 - 5216	N 88°55'27" W	23.318 m (76.50')
5216 - 5215	S 01°04'33" W	9.544 m (31.31')
5215 - 5172	S 38°29'30" W	109.918 m (360.62')
5172 - 5173	S 32°13'05" E	21.190 m (69.52')
5173 - 5174	S 54°55'34" E	258.091 m (846.75')
5199 - 5222	N 52°16'50" W	371.573 m (1219.07')
5222 - 5200	N 53°29'53" W	155.638 m (510.62')
5200 - 5201	N 01°04'33" E	9.410 m (30.87')
5201 - 5202	N 88°55'27" W	46.113 m (151.29')
5202 - 5203	N 01°02'42" E	68.375 m (224.33')
5203 - 5223	N 30°37'06" E	170.513 m (559.42')
5223 - 5204	N 59°12'49" E	45.723 m (150.01')
5204 - 5205	S 35°05'02" W	161.359 m (529.39')
5205 - 5206	S 55°41'44" E	136.448 m (447.66')
5206 - 5207	S 45°52'42" E	141.648 m (464.72')
5207 - 5208	S 65°32'40" E	20.616 m (67.64')
5208 - 5209	N 38°29'31" E	112.779 m (370.01')
5218 - 5210	N 00°51'42" E	4.002 m (13.13')
5210 - 5211	S 89°08'18" E	40.000 m (131.23')
5211 - 5217	S 00°51'42" W	4.002 m (13.13')
5212 - 5213	S 63°31'44" E	52.967 m (173.78')
5213 - 5214	S 01°03'53" W	10.250 m (33.63')
5214 - 6021	N 88°56'07" W	50.165 m (164.58')

POINT	Y	X
6021	117 978.307	488 007.864
5216	117 978.745	487 984.552
5215	117 969.204	487 984.373
5172	117 883.179	487 915.967
5173	117 865.254	487 927.263
5222	117 882.804	487 787.917
5200	117 975.376	487 662.821
5201	117 984.783	487 662.998
5202	117 985.649	487 616.897
5203	118 054.007	487 618.144
5223	118 200.733	487 704.981
5204	118 224.134	487 744.257
5205	118 092.104	487 651.521
5206	118 015.210	487 764.223
5207	117 916.607	487 865.897
5208	117 908.073	487 884.662
5209	117 996.336	487 954.849
5218	118 093.506	487 989.596
5210	118 097.507	487 989.657
5211	118 096.906	488 029.648
5217	118 092.904	488 029.588
5212	118 011.230	488 010.796
5213	117 987.622	488 058.205
5214	117 977.375	488 058.015
5231	117 938.843	487 946.575

#### SHEET 4.9 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6021 - 5208	S 60°18'50" W	141.829 m (465.32')
5208 - 5207	N 65°32'40" W	20.616 m (67.64')
5207 - 5231	N 72°10'55" E	36.056 m (118.29')
5231 - 5208	S 38°29'31" W	25.000 m (82.02')

#### SHEET 4.12 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6022 - 5244	S 00°51'23" W	123.136 m (403.99')
5244 - 5245	S 00°51'23" W	20.000 m (65.62')
5245 - 5243	N 89°08'09" W	34.916 m (114.55')
5243 - 5242	N 00°51'51" E	20.000 m (65.62')
5242 - 5244	S 89°08'09" E	34.914 m (114.55')

POINT	Y	X
6022	118 770.635	488 824.162
5242	118 648.050	488 787.416
5243	118 628.055	488 787.115
5244	118 647.524	488 822.322
5245	118 627.528	488 822.023

#### SHEET 4.12 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
5134 - 5135	N 23°59'12" W	238.677 m (783.06')
5135 - 5136	N 03°03'34" E	138.673 m (454.96')
5136 - 5137	N 10°55'18" E	86.549 m (283.95')
5137 - 5138	N 34°23'33" W	144.169 m (472.99')
5138 - 5139	N 04°58'41" E	4.437 m (14.56')
5139 - 5140	S 82°55'19" E	136.431 m (447.61')
5140 - 5141	N 77°33'43" E	110.934 m (363.96')
5141 - 5142	S 86°50'40" E	81.731 m (268.15')
5142 - 5143	S 48°16'37" E	107.529 m (352.78')
5143 - 5144	S 24°54'35" E	191.547 m (628.43')
5144 - 5145	S 44°06'25" E	98.128 m (321.94')
5145 - 5146	S 89°04'06" E	41.886 m (137.42')
5146 - 5147	S 00°51'21" W	28.919 m (94.88')
5147 - 5148	S 89°56'26" E	68.108 m (223.45')
5148 - 5149	N 09°16'23" E	116.250 m (381.40')
5149 - 5150	N 03°52'29" E	133.297 m (437.33')
5150 - 6022	S 89°12'31" E	17.896 m (58.71')
6022 - 5125	S 00°51'23" W	743.128 m (2438.08')

POINT	Y	X
5135	118 519.178	488 171.725
5136	118 657.639	488 179.126
5137	118 742.612	488 195.522
5138	118 861.567	488 114.095
5139	118 865.987	488 114.480
5140	118 849.177	488 249.858
5141	118 873.068	488 358.178
5142	118 868.569	488 439.778
5143	118 797.012	488 520.026
5144	118 623.301	488 600.697
5145	118 552.847	488 668.987
5146	118 552.166	488 710.863
5147	118 523.253	488 710.431
5148	118 523.182	488 778.533
5149	118 637.902	488 797.263
5150	118 770.882	488 806.270
6022	118 770.635	488 824.162

#### SHEET 4.13 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6022 - 5125	S 00°51'23" W	743.128 m (2438.08')
5125 - 5124	N 89°08'37" W	10.066 m (33.02')
5124 - 5126	N 06°23'21" W	342.206 m (1122.72')
5126 - 5127	N 89°04'18" W	38.327 m (125.74')
5127 - 5128	S 65°10'08" W	100.974 m (331.28')
5128 - 5129	S 48°38'02" W	71.310 m (233.96')
5130 - 5131	S 00°13'49" W	114.765 m (376.52')
5131 - 5132	S 65°30'34" E	39.858 m (130.77')
5132 - 5133	N 88°57'06" W	56.411 m (185.08')
5133 - 5134	N 33°52'18" W	375.283 m (1231.24')
5134 - 5135	N 23°59'12" W	238.677 m (783.06')

POINT	Y	X
5125	118 027.660	488 813.057
5124	118 027.810	488 802.993
5126	118 367.859	488 764.916
5127	118 368.480	488 726.598
5128	118 326.081	488 634.967
5129	118 278.958	488 581.453
5130	118 119.813	488 498.472
5131	118 005.059	488 498.011
5132	117 988.538	488 534.280
5133	117 989.570	488 477.883
5134	118 301.133	488 268.744

#### SHEET 4.13 COORDINATE AND COURSE TABLES

COURSE	BEARING	DISTANCE
6020 - 5121	N 88°56'07" W	472.526 m (1550.28')
5121 - 5120	N 01°03'53" E	19.960 m (65.49')
5120 - 5122	N 59°59'53" E	21.679 m (71.13')
5122 - 5123	S 32°42'08" E	13.449 m (44.12')
5123 - 5120	N 88°57'02" W	26.044 m (85.45')

POINT	Y	X
6020	117 963.359	488 812.096
5121	117 972.140	488 339.697
5120	117 992.094	488 340.068
5122	118 002.933	488 358.841
5123	117 991.617	488 366.106

REVISION DATE 2-27-09 NC  
08/23/02 NC 06/09/2015 NC  
04/11/03  
6-27-07 NC

DATE 05/21/98  
GRID FACTOR 0.999905

SCALE, METERS  
0 50 100

HWY: S.T.H. 29  
COUNTY: CHIPPEWA

FEDERAL PROJECT NO:

STATE R/W PROJECT NO: 1052-05-27

SHEET NO: 4.14

M

ORIGINATOR:

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