



POLK BENCHMARKS

This is a PDF of **all mapped Benchmarks 1997 forward** in T10E R19W ordered by section number.

For pre-1997 benchmarks, click to view [index map and scanned images of benchmark sheets.](#)

Please scroll to your desired benchmark.



For more information or to report problems, contact:
Scott M. Schmidt, PE, RLS
Washington County Engineer/Surveyor
Washington County Public Agency Center (PAC)
333 East Washington St, Suite 2300
P.O. Box 2003
West Bend, WI 53095-2003
Phone: 262-335-6881
Fax: 262-335-4171
Email: scott.schmidt@co.washington.wi.us

E1/4 Corner of 2-10-19



Legend	
[Symbol]	Property
[Symbol]	Right-of-Way
[Symbol]	Public Access
[Symbol]	Water
[Symbol]	Water 1
[Symbol]	Water 2
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[Symbol]	Water 97
[Symbol]	Water 98
[Symbol]	Water 99
[Symbol]	Water 100



Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

SECTION 2

--- Route

Set RBM W. Side of
 Mayfield Rd. RR Spike
 in East Face of PP # 01-1017
 1.3' ABV GND.
 Elev = 1000.296
 150' N. of center of road

STATION RBM.
 RR Spike N. FACE
 PP # ES6-8924
 Elev = 1016.464

2/21/09

Three-Wire Leveling

12/8/2009 Erickson

MONUMENT #24

K-2
10-19

Point	BS (+) 7.145	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
RBM	6.860	6.863	56				1016.414	1016.414	1016.414	FD. RR SPIKE N. FACE PP # E56-8924 0.4' ABV. GD.
	6.585									
	5.910			6.740						
RBM	5.765	5.763	29.5	6.475	6.477	52.5	1016.801	1016.801	1016.795	FD. RR SPIKE N. FACE PP # E56-88923 0.8' ABV. GD.
	5.615			6.215						
	2.470			4.935						
MON	1.580	1.580	178	4.785	4.787	29.5	1017.777	1017.777	1017.744	SE CORNER OF 2-10-19
	0.690			4.640						
	2.255			10.550						
TP 1	1.510	1.510	149	9.670	9.670	176	1009.687	1009.687		
	0.765			8.790						
	3.975			8.205						
TP 2	3.010	3.010	193	7.480	7.480	145	1003.717	1003.717		
	2.045			6.755						
	7.195			8.130						
TP 3	6.150	6.150	209	7.110	7.110	204	999.617	999.617		
	5.105			6.090						
	6.065			6.520						
TP 4	5.645	5.645	84	5.525	5.525	199	1000.242	1000.241		
	5.225			4.530						
	7.570			6.050						
SET RBM	6.475	6.475	219	5.590	5.590	92	1000.297	1000.296		SET RR SPIKE IN E. FACE OF PP # 01- 10117 1.3' ABV. GRD.
	5.380			5.130						
	7.100			5.780						
TP 5	6.000	6.000	220	4.700	4.700	216	1002.072	1002.071		
	4.900			3.620						
	5.870			5.485						
TP 6	5.470	5.470	80	4.410	4.408	215.5	1003.664	1003.663		
	5.070			3.330						
	4.480			4.695						
MON	4.100	4.100	76	4.345	4.347	69.5	1004.787	1004.786	1004.815	E 1/4 CORNER OF 2-10-19
	3.720			4.000						
	5.540			5.595						
TP 7	4.465	4.463	215.5	5.225	5.225	74	1003.662	1003.661		
	3.385			4.855						

Three-Wire Leveling

12/8/2009 Erickson

MONUMENT #24

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	7.145									
	5.710			7.150						
TP 8	4.615	4.615	219	6.050	6.050	220	1002.076	1002.075		
	3.520			4.950						
	5.950			7.470						
(SET RBM)	5.485	5.485	93	6.390	6.390	216	1000.301	1000.300		SET RR SPIKE IN E. FACE OF PP # 01-10117 1.3' ABV. GRD.
	5.020			5.310						
	6.500			5.950						
TP 9	5.455	5.455	209	5.540	5.538	82.5	1000.247	1000.246		
	4.410			5.125						
	7.915			7.075						
TP 10	6.895	6.893	204.5	6.080	6.080	199	999.622	999.620		
	5.870			5.085						
	7.480			3.750						
TP 11	6.975	6.975	101	2.795	2.793	191.5	1003.722	1003.720		
	6.470			1.835						
	12.030			4.120						
TP 12	10.965	10.965	213	3.600	3.600	104	1007.097	1007.095		
	9.900			3.080						
	8.050			4.555						
TP 13	7.800	7.798	50.5	3.480	3.482	214.5	1014.581	1014.579		
	7.545			2.410						
	4.960			4.840						
MON	4.815	4.815	29	4.605	4.603	47.5	1017.776	1017.774		SE CORNER OF 2-10-19
	4.670			4.365						
	6.675			5.955						
RBM	6.410	6.410	53	5.790	5.790	33	1016.801	1016.799	1016.795	FD. RR SPIKE N. FACE PP # E56-88923 0.8' ABV. GD.
	6.145			5.625						
				7.070						
RBM				6.795	6.795	55	1016.416	1016.414	1016.414	FD. RR SPIKE N. FACE PP # E56-8924 0.4' ABV. GD.
				6.520						
		116.442			116.440					

RECORD OF VERTICAL CONTROL STATION

SECTION 5 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 282 ELEVATION: 1100.669

REFERENCE BENCH MARK NO.: 283 ELEVATION: 1101.202

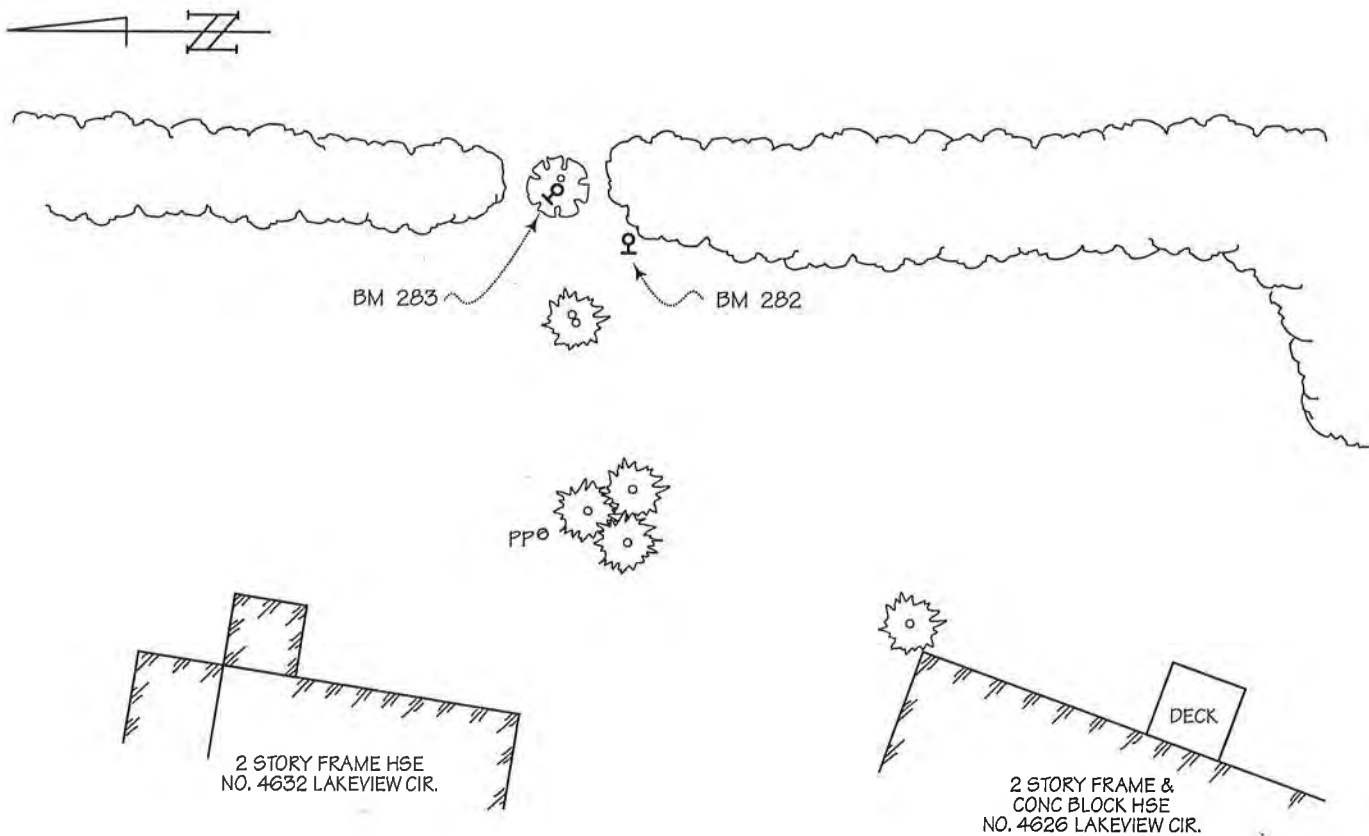
BM / RBM SET BY: KAPUR & ASSOCIATES YEAR: 2000

BM / RBM CONTROL SURVEY BY: KAPUR & ASSOCIATES YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

282 is a railroad spike set in the west face of power pole No. 67G3952, 0.5 ft. above grade.

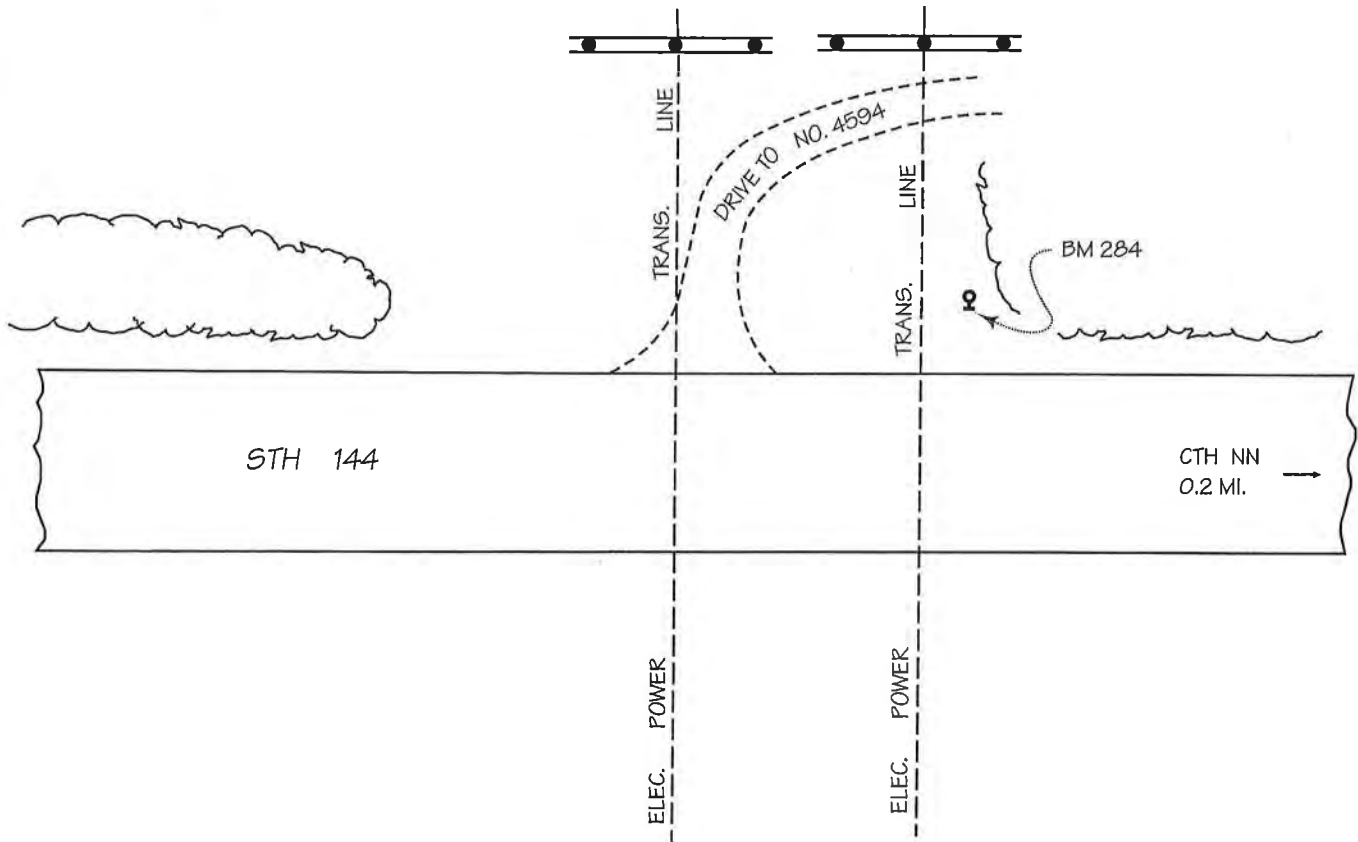
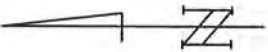
283 is a railroad spike set in the northwest face of a 26-inch-diameter linden, 1.0 ft. above grade.

RECOVERED BY: SEWRPC DATE: 12 JUNE 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 5 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN
BENCH MARK NO.: 284 ELEVATION 1039.641
BM SET BY: KAPUR & ASSOC., INC. YEAR: 2000
BM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000
DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



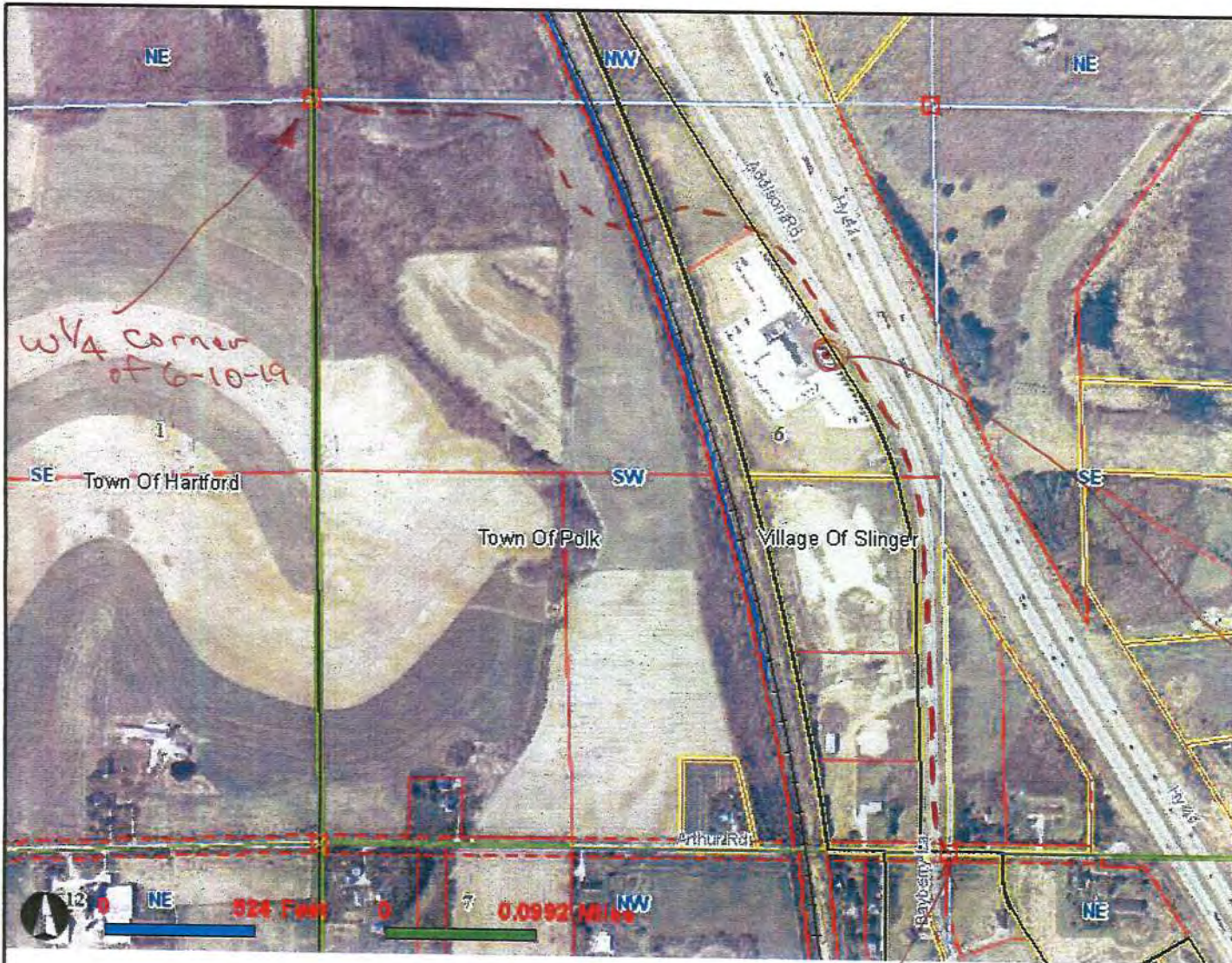
DETAILED DESCRIPTION:

284 is a railroad spike in the west face of power pole No. 76-5933, 1ft. above grade.

RECOVERED BY: SEWRPC DATE: 12 JUNE 2003

Washington County, WI GIS Map

#14



DATE: _____

Map Scale: _____

Map Units: _____

Map Projections: _____

Map Symbols: _____

Map Colors: _____

Map Font: _____

Map Legend: _____

Map Title: _____

Map Author: _____

Map Date: _____

Map Version: _____

Map Status: _____

Map Contact: _____

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Map Notes: _____

Map Comments: _____

Map Metadata: _____

Map Info: _____



Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

SECTION 6

RBM - 1st Lightpole base, south of driveway, top of base on EAST side of base.
 Elev. = 1054.874

--- Route.

STARTING RBM.
 PP# 55-17490

Monument # 14.
 Chotaia Ruckman

A-2

Three-Wire Leveling

5/10/2010 WDG

MONUMENT #14 10-19

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	6.690									
RBM	6.190	6.190	100				1044.321	1044.321	1044.321	NE'LY OF S 1/4 6-10-19 PP# 55-17490
	5.690									
	7.660			6.020						
TP 1	6.375	6.377	256.5	5.480	5.480	108	1045.031	1045.031		
	5.095			4.940						
	7.575			6.145						
TP 2	6.320	6.318	251.5	4.860	4.858	257.5	1046.549	1046.548		
	5.060			3.570						
	7.315			6.560						
TP 3	6.095	6.097	243.5	5.310	5.313	249	1047.554	1047.553		
	4.880			4.070						
				5.900						
D.O.T. MON				4.770	4.770		1048.098	1048.097		CENTERLINE OF FRONTAGE ROAD SIDESHOT ALUMINUM CAP
				3.640						
	9.460			6.070						
TP 4	8.910	8.907	111	4.850	4.847	245	1048.804	1048.802		
	8.350			3.620						
	2.870			3.590						
SET BM	1.660	1.660	242	2.835	2.835	151	1054.876	1054.874		EAST SIDE TOP OF CONC. LIGHT POLE BASE
	0.450			2.080						
	5.490			10.010						
TP 5	4.800	4.800	138	8.545	8.547	292.5	1047.989	1047.986		CATCHBASIN - WEST SIDE CONCRETE DECK
	4.110			7.085						
	4.250			10.850						
TP 6	3.595	3.595	131	10.055	10.058	158	1042.731	1042.728		
	2.940			9.270						
	4.530			3.820						
TP 7	3.750	3.752	155.5	3.240	3.240	116	1043.086	1043.082		
	2.975			2.660						
	3.840			5.725						
TP 8	2.475	2.477	272.5	4.940	4.938	157.5	1041.899	1041.895		
	1.115			4.150						
	4.635			7.850						
TP 9	3.450	3.447	238	6.495	6.493	271.5	1037.883	1037.878		
	2.255			5.135						
	11.425			2.790						

Section 6

Three-Wire Leveling

5/10/2010 WDG

MONUMENT #14

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 10	10.950	10.950	95	2.045	2.047	148.5	1039.283	1039.278		
	10.475			1.305						
	6.755			0.815						
TP 11	6.595	6.595	32	0.560	0.562	50.5	1049.671	1049.666		
	6.435			0.310						
	2.460			2.730						
SET RBM	2.325	2.325	27	2.580	2.580	30	1053.686	1053.680		SET SPINDLE SPIKE EAST FACE OF 6" ASH
	2.190			2.430						
	3.040			1.960						
SET RBM	2.890	2.890	30	1.825	1.825	27	1054.186	1054.180		SET SPINDLE SPIKE NORTH FACE 10" WALNUT
	2.740			1.690						
	0.740			5.325						
MON	0.480	0.483	51	5.180	5.182	28.5	1051.894	1051.887	1051.881	W 1/4 CORNER OF 6-10-19
	0.230			5.040						
	2.740			9.175						
TP 12	2.415	2.413	65.5	8.920	8.922	50.5	1043.456	1043.449		
	2.085			8.670						
	4.170			8.330						
TP 13	2.975	2.972	240	7.930	7.930	80	1037.939	1037.931		
	1.770			7.530						
	7.520			2.770						
TP 14	6.390	6.390	226	1.550	1.550	244	1039.361	1039.353		
	5.260			0.330						
	7.945			5.270						
TP 15	7.220	7.222	144.5	4.190	4.188	216.5	1041.563	1041.554		
	6.500			3.105						
	14.430			7.640						
TP 16	13.060	13.060	274	6.980	6.983	131	1041.801	1041.792		
	11.690			6.330						
	5.970			5.030						
TP 17	5.065	5.065	181	3.830	3.830	240	1051.031	1051.021		
	4.160			2.630						
	2.830			2.010						
SET BM	2.000	2.000	166	1.210	1.210	160	1054.886	1054.876		EAST SIDE TOP OF CONC. LIGHT POLE BASE
	1.170			0.410						
	6.065			9.235						
TP 18	4.865	4.867	239.5	8.400	8.400	167	1048.486	1048.475		
	3.670			7.565						
	6.300			6.965						

Three-Wire Leveling

5/10/2010 WDG

MONUMENT #14

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 19	4.985	4.982	264	5.760	5.760	241	1047.593	1047.582		
	3.660			4.555						
	6.160			7.685						
TP 20	5.055	5.055	221	6.360	6.360	265	1046.214	1046.202		
	3.950			5.035						
	6.550			7.600						
TP 21	6.150	6.150	80	6.480	6.480	224	1044.789	1044.777		
	5.750			5.360						
				6.955						
RBM				6.605	6.605	70	1044.334	1044.321	1044.321	NE'LY OF S 1/4 6-10-19 PP# 55-17490
				6.255						

137.037

137.023

W/4 corner of S-10-19

#16



DATE

- Location
- Landowners
- Roadway
- Public Subdivision
- Public Square Subdivision
- Public Subdivision
- Addressed
- Unaddressed
- Water & Sewer
- Electric Gas & Tel
- Railroad
- Street Closures
- Utility
- Public Square
- Public Square Street
- Countyline
- State
- Township
- Precinct/Unincorporated Territory
- Highways
- Public Square
- Lot

GIS Orthophotography

TOB

- Red (No. 1)
- Green (No. 2)
- Blue (No. 3)

Background

Municipality Name

City of Ashland, City of Ashland, City of Ashland

County of Ashland, Township of Ashland, County of Ashland

County of Ashland, Township of Ashland, County of Ashland

County of Ashland, Township of Ashland, County of Ashland

County of Ashland, Township of Ashland, County of Ashland

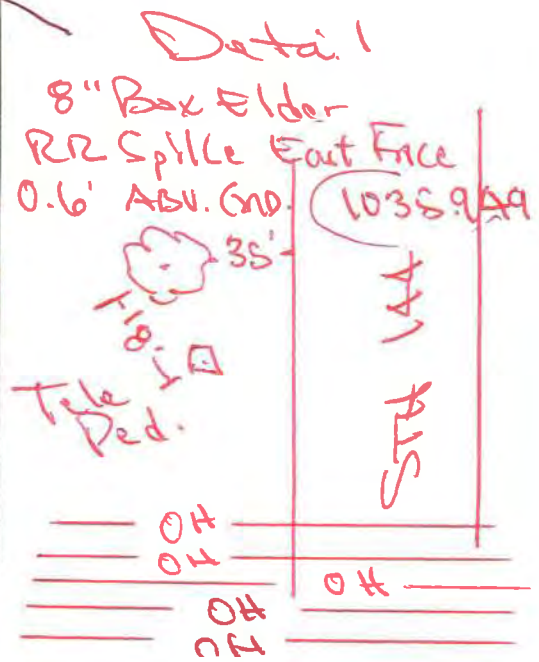


SECTION 6

Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

RBM - Found RR Spike
W. Face of PP # 76-5933
EAST SIDE OF ST# 144 and
South of Driveway to #4594
Elev = 1039.584

STARTING RBM
PP# ESS-17501



Route - - - -

Three-Wire Leveling

5/10/2010 WDG

MONUMENT #16

C-2
10-19

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	6.02									
RBM	5.34	5.337	137				1065.665	1065.665	1065.716	TOP OF NORTH END OF 24" CONC. CULV- SE'LY OF SE CORNER OF 6-10-19
	4.65									
	5.690			5.275						
RBM	5.450	5.452	47.5	4.765	4.768	101	1066.233	1066.233	1066.233	PP # E55-17501 - NW'LY OF SE CORNER OF 6-10-19
	5.215			4.265						
	3.540			5.125						
MON	2.170	2.173	273	4.860	4.858	53.5	1066.827	1066.827	1066.908	SE CORNER OF 6-10-19
	0.810			4.590						
	3.630			14.550						
TP 1	2.850	2.853	155	13.350	13.350	240	1055.650	1055.650		
	2.080			12.150						
	2.585			14.455						
TP 2	1.745	1.747	167.5	13.735	13.733	144.5	1044.770	1044.770		
	0.910			13.010						
	5.060			6.190						
TP 3	4.830	4.830	46	5.420	5.418	154.5	1041.098	1041.098		
	4.600			4.645						
	7.270			6.523						
SET BM	6.990	6.990	56	6.345	6.344	35.75	1039.584	1039.584		FOUND RR SPIKE IN WEST FACE OF PP # 76-5933-LOCATED EAST SIDE OF ROAD AND SOUTH OF DRWAY TO #4594 STH 144
	6.710			6.165						
	6.000			5.860						
TP 4	5.080	5.080	184	5.570	5.570	58	1041.004	1041.004		
	4.160			5.280						
	8.640			5.150						
TP 5	8.140	8.137	101	4.250	4.253	179	1041.831	1041.832		
	7.630			3.360						
	10.975			2.340						
TP 6	10.535	10.533	88.5	1.820	1.820	104	1048.148	1048.149		
	10.090			1.300						
	17.380			0.950						

Three-Wire Leveling

5/10/2010 WDG

MONUMENT #16

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 7	16.200	16.202	235.5	0.530	0.530	84	1058.151	1058.152		
	15.025			0.110						
	5.345			4.575						
TP 8	4.900	4.900	89	3.335	3.333	248.5	1071.019	1071.020		
	4.455			2.090						
	3.180			7.390						
MON	3.100	3.099	16.25	7.085	7.085	61	1068.834	1068.835	1068.879	E 1/4 CORNER OF 6-10-19
	3.018			6.780						
	5.008			4.408						
SET RBM	4.868	4.868	28	4.315	4.315	18.5	1067.618	1067.619		SET RR SPIKE NE FACE OF 18" HICKORY 1.0' ABV. GRD.
	4.728			4.223						
	4.900			4.230						
SET RBM	4.820	4.820	16	4.110	4.113	23	1068.373	1068.375		SET RR SPIKE SE FACE OF 18" SPRUCE 1.0' ABV. GRD.
	4.740			4.000						
	4.820			4.190						
SET RBM	4.680	4.680	28	4.075	4.077	22.5	1069.116	1069.118		SET RR SPIKE W FACE OF 15" SPRUCE 0.3' ABV. GRD.
	4.540			3.965						
	7.690			5.090						
MON	7.350	7.350	68	4.960	4.960	26	1068.836	1068.838	1068.879	E 1/4 CORNER OF 6-10-19
	7.010			4.830						
	7.855			7.845						
RBM	7.630	7.630	45	7.650	7.650	39	1068.536	1068.538	1068.651	FOUND RR SPIKE IN SOUTH FACE OF PP # 100-59
	7.405			7.455						
	5.355			5.455						
TP 9	4.170	4.168	237.5	5.195	5.195	52	1070.971	1070.973		
	2.980			4.935						
	0.880			17.230						
TP 10	0.440	0.440	88	16.020	16.020	242	1059.119	1059.121		
	0.000			14.810						
	2.400			12.040						
TP 11	1.920	1.920	96	11.520	11.520	104	1048.039	1048.041		
	1.440			11.000						
	4.735			8.360						

Three-Wire Leveling

5/10/2010 WDG

MONUMENT #16

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 12	4.290	4.290	89	7.895	7.895	93	1042.064	1042.067		
	3.845			7.430						
	6.420			6.550						
SET RBM	5.920	5.922	99.5	6.205	6.205	69	1040.149	1040.152		SET RR SPIKE IN PP # E60-12727
	5.425			5.860						
	11.910			10.520						
SET BM	10.710	10.710	240	10.125	10.125	79	1035.946	1035.949		EAST SIDE OF STH 144- SET RR SPIKE IN EAST FACE 8" BOX ELDER 0.6' ABV. GRD.
	9.510			9.730						
	15.445			5.455						
TP 13	14.110	14.113	266	4.275	4.275	236	1042.381	1042.384		
	12.785			3.095						
	13.775			1.460						
TP 14	12.550	12.550	245	0.860	0.860	120	1055.634	1055.638		
	11.325			0.260						
	6.350			3.505						
TP 15	6.105	6.105	49	2.580	2.580	185	1065.604	1065.608		
	5.860			1.655						
				5.700						
RBM				5.480	5.480	44	1066.229	1066.233	1066.233	PP # E55-17501 - NW'LY OF SE CORNER OF 6-10-19
				5.260						

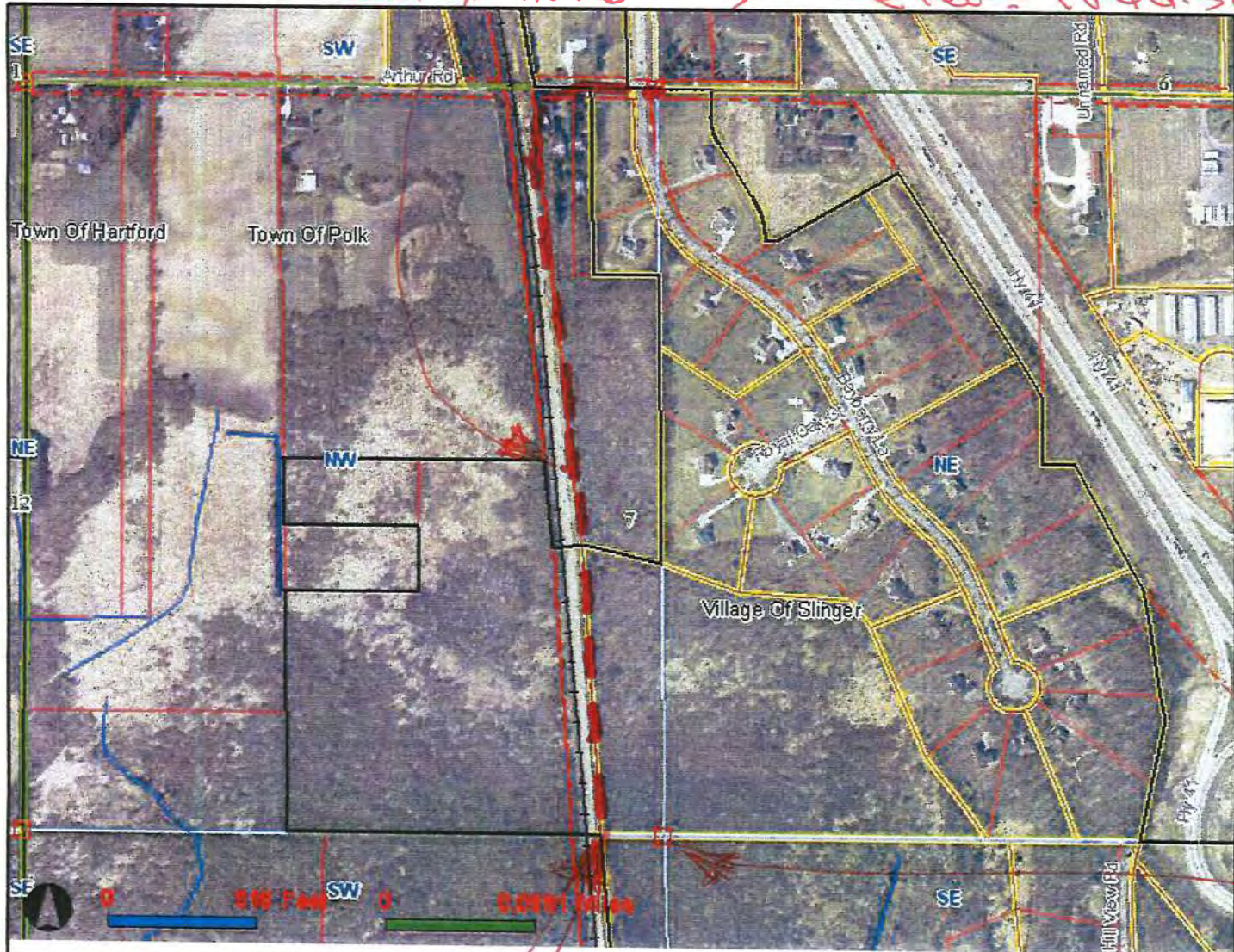
161.562

161.566

Washington County, WI GIS Map

Set RBM
 RR Splice - W. FACE
 24" EUM 1-0' ABV GND.
 EAST * TRACE
 STATION RBM
 PP# 55-17490
 Elev = 1044.321

#41



01 RBM
 02 RBM Subdivision
 03 Boundary
 04 Lumber Pole
 05 Pole & Spike
 06 Pole Line End
 07 Pole
 08 Rail Corridor
 09 Railroad
 10 RBM License
 11 RBM Station
 12 RBM Open Box
 13 Crossing
 14 Rail
 15 Rail Pole
 16 Pole Mounted Hoop
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Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

SECTION 7

Set RBM - Along RR R/W
 RR Splice - W. Face of 30" Oak
 1-0' ABV. GND. (75' EAST of
 EAST RAIL)

Set RBM - Along RR R/W.
 RR Splice W. FACE of 12" Popple
 1-0' ABV. GND. (55' EAST of
 EAST RAIL)

Route

Center of 7-10-19

Borrestrom

Three-Wire Leveling

5/12/2010 WDG

MONUMENT #41

B-4

10-19

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	7.215									
RBM	7.020	7.018	39.5				1044.321	1044.321	1044.321	NE'LY OF S 1/4 6-10-19 PP# 55-17490
	6.820									
	7.030			6.340						
MON	6.130	6.130	180	6.180	6.182	31.5	1045.158	1045.158		
	5.230			6.025						
	9.475			1.570						
TP 1	8.925	8.927	109.5	0.895	0.897	134.5	1050.391	1050.391		
	8.380			0.225						
	1.950			23.500						
TP 2	1.525	1.525	85	23.170	23.170	66	1036.148	1036.149		
	1.100			22.840						
	5.435			3.650						
TP 3	4.420	4.418	203.5	3.020	3.018	126.5	1034.654	1034.655		
	3.400			2.385						
	5.670			3.720						
TP 4	4.420	4.420	250	2.400	2.398	264.5	1036.674	1036.676		
	3.170			1.075						
	3.940			3.715						
TP 5	3.380	3.383	111	2.420	2.420	259	1038.674	1038.677		
	2.830			1.125						
	7.330			7.200						
SET RBM	7.000	7.000	66	6.860	6.860	68	1035.198	1035.202		SET RR SPIKE IN W. FACE OF 24" ELM 1.0' ABV. GRD. - EAST OF RR TRACKS
	6.670			6.520						
	5.090			4.090						
TP 6	3.820	3.820	254	3.525	3.527	112.5	1038.671	1038.675		
	2.550			2.965						
	4.480			4.130						
TP 7	3.275	3.273	241.5	2.870	2.873	251	1039.618	1039.623		
	2.065			1.620						
	3.840			4.050						
TP 8	3.195	3.195	129	2.805	2.805	249	1040.086	1040.092		
	2.550			1.560						
	9.460			9.560						
SET RBM	9.180	9.180	56	9.280	9.280	56	1034.001	1034.007		SET RR SPIKE IN W. FACE OF 12" POPPLE 1.0' ABV. GRD.-55' EAST OF EAST RAIL
	8.900			9.000						
	3.310			3.450						

Three-Wire Leveling

5/12/2010 WDG

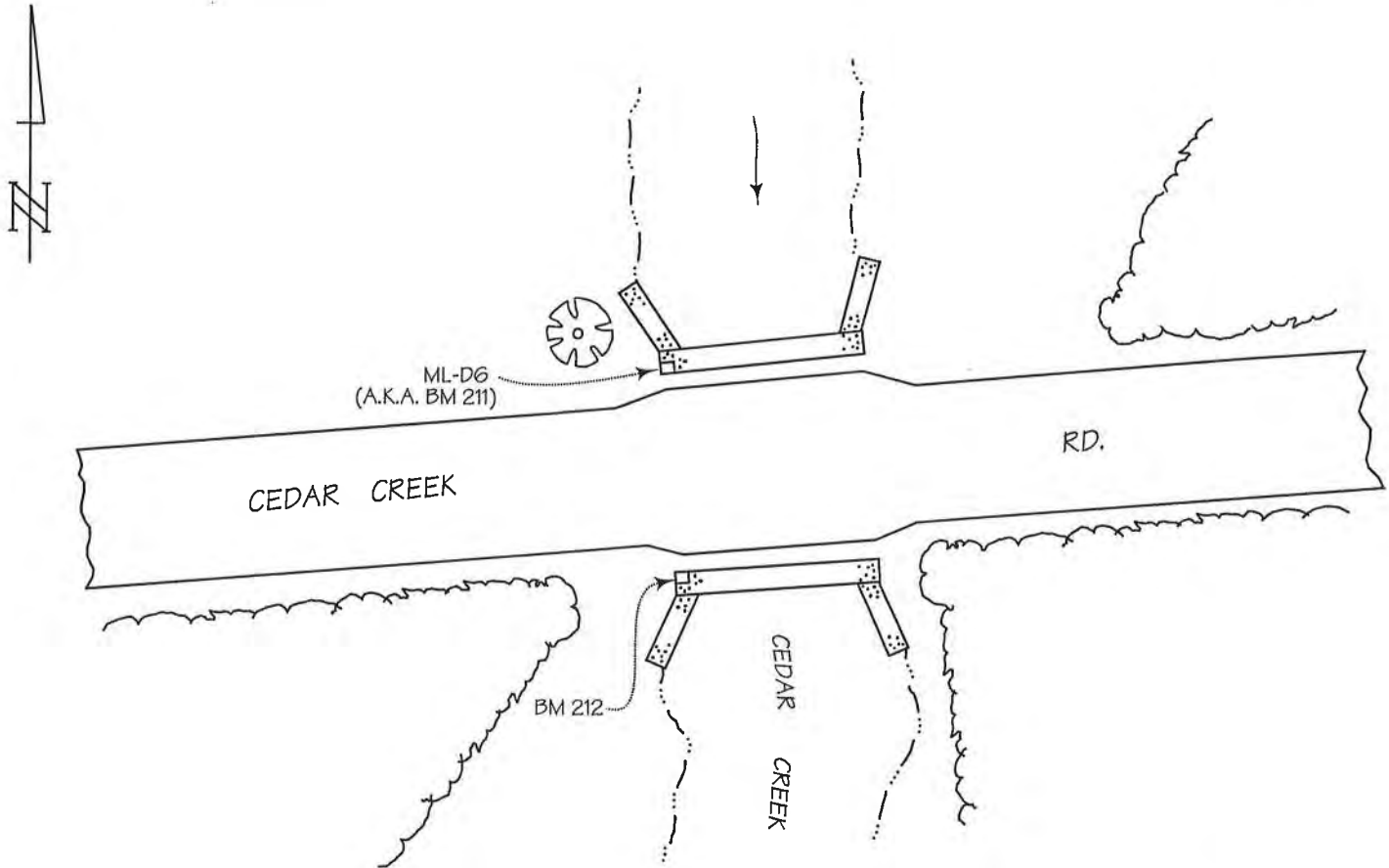
MONUMENT #41

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 9	2.810	2.810	100	3.045	3.043	81.5	1040.138	1040.145		
	2.310			2.635						
	9.460			8.715						
SET RBM	9.120	9.120	68	8.425	8.427	57.5	1034.521	1034.528		SET RR SPIKE IN W. FACE OF 30" OAK 1.0' ABV. GRD.-75' EAST OF EAST RAIL
	8.780			8.140						
	4.445			3.920						
TP 10	3.295	3.295	27	3.710	3.710	42	1039.931	1039.938		
	2.145			3.500						
	4.310			4.960						
TP 11	3.160	3.160	230	3.630	3.632	265.5	1039.594	1039.562		
	2.010			2.305						
	4.195			5.360						
TP 12	3.015	3.015	236	4.220	4.218	228.5	1038.536	1038.545		
	1.835			3.075						
	3.925			6.060						
TP 13	2.760	2.762	232.5	4.890	4.890	234	1036.661	1036.671		
	1.600			3.720						
	3.970			5.960						
TP 14	3.410	3.410	112	4.780	4.780	236	1034.643	1034.654		
	2.850			3.600						
	22.915			1.590						
TP 15	22.590	22.588	65.5	1.095	1.097	98.5	1036.956	1036.967		
	22.260			0.605						
	1.895			11.390						
TP 16	1.240	1.242	130.5	10.600	10.598	158.5	1048.946	1048.958		
	0.590			9.805						
	6.235			5.720						
MON	6.070	6.072	32.5	5.045	5.045	135	1045.143	1045.155		
	5.910			4.370						
				7.095						
RBM				6.905	6.905	38	1044.309	1044.321	1044.321	NE'LY OF S 1/4 6-10-19 PP# 55-17490
				6.715						
	119.763			119.775						

RECORD OF VERTICAL CONTROL STATION

SECTION 10 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN
BENCH MARK NO.: ML-D6 ELEVATION 1018.349
REFERENCE BENCH MARK NO.: 212 ELEVATION 1018.217
BM SET BY: ALSTER & ASSOC., INC. YEAR: 1968
RBM SET BY: KAPUR & ASSOC., INC. YEAR: 2000
RM/RBM CONTROL SURVEY BY: KAPUR & ASSOC., INC./SEWRPC YEAR: 2000/2003
DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

ML-D6 is a chiseled square in the top of the southwest corner of a concrete headwall 1'± above the roadway surface.
212 is a chiseled square in the top of the northwest corner of a concrete endwall 2'± above the roadway surface.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 10 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: SS-03-23 ELEVATION 1053.854

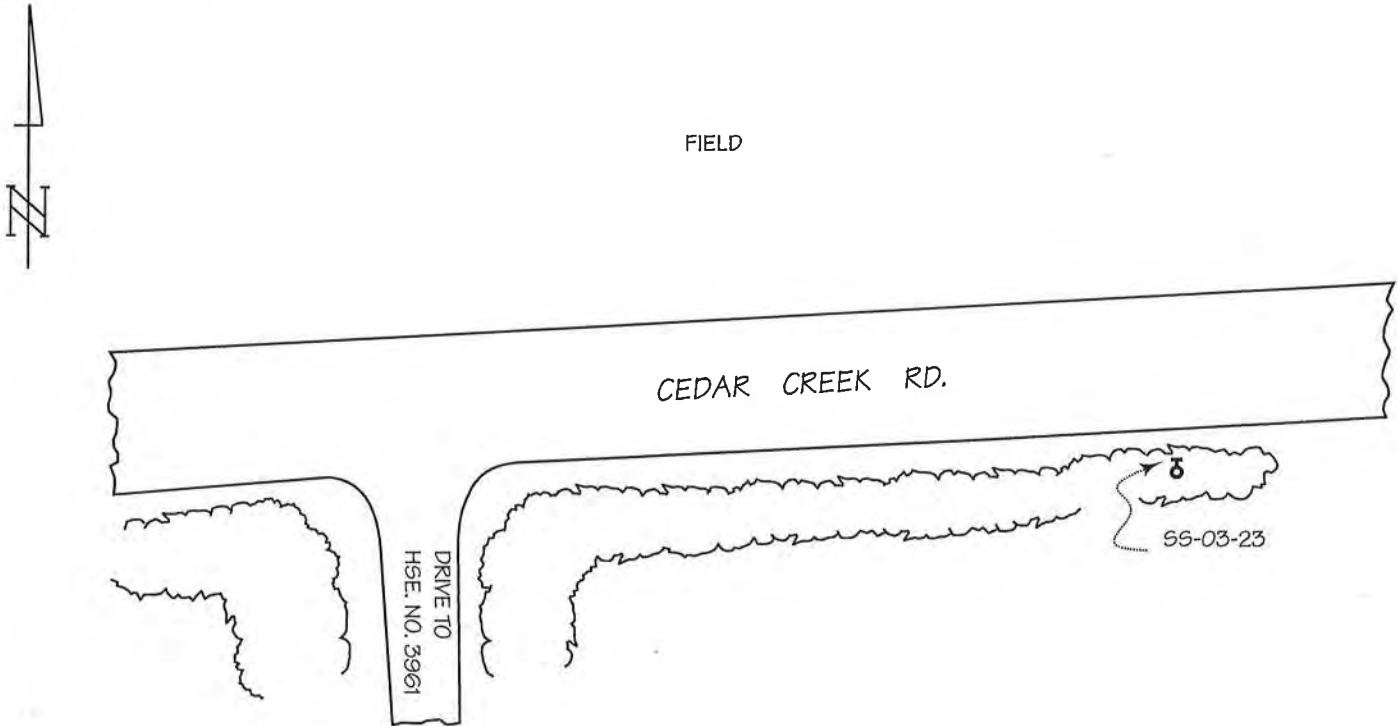
BM SET BY: SEWRPC YEAR: 2003

BM CONTROL SURVEY BY: SEWRPC YEAR: 2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

SS-03-23 is a railroad spike set in the north face of power pole No. 68-33036, 0.2 ft. above grade.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 10 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 88 ELEVATION 1054.765

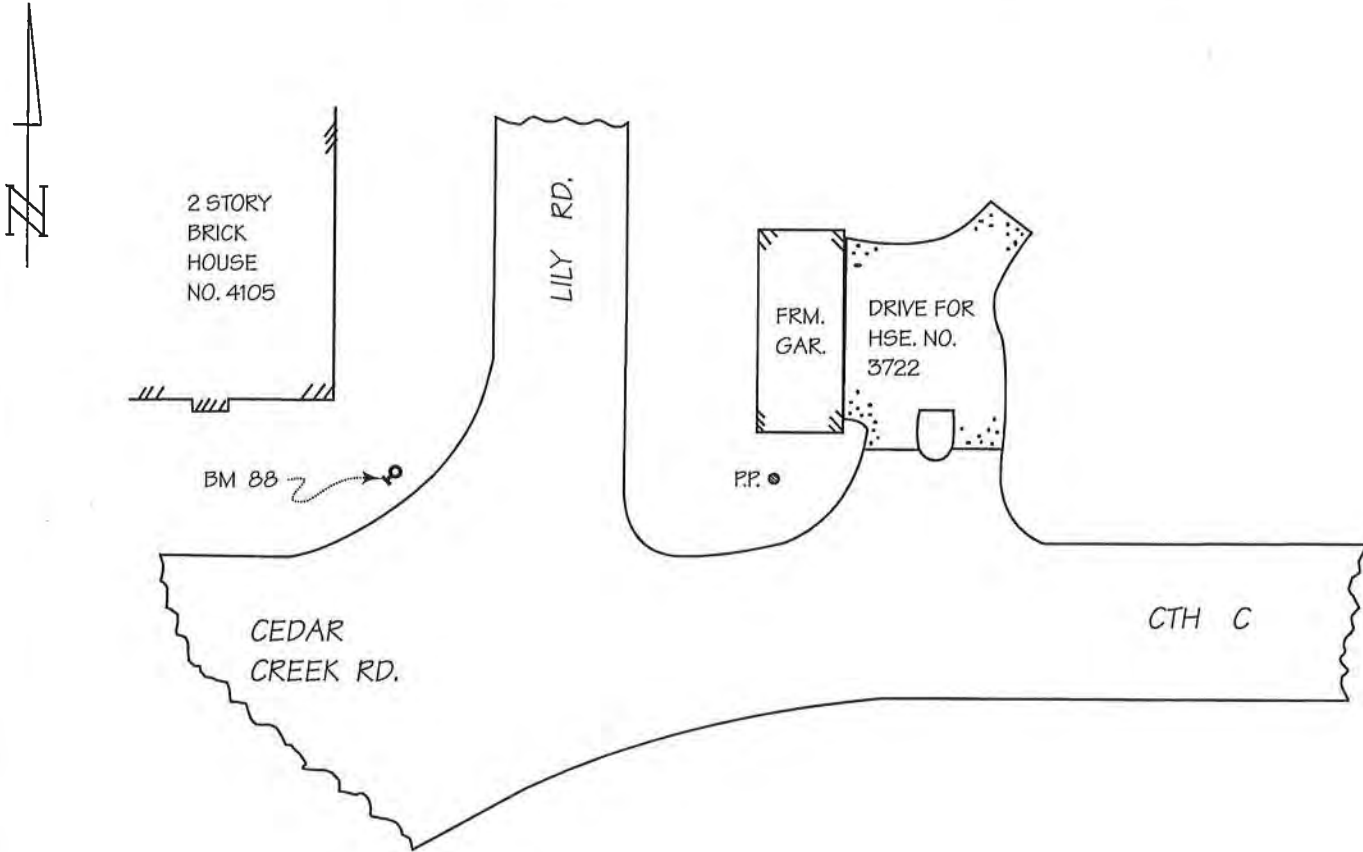
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

88 is a railroad spike set in the southwest face of power pole No. 72-6555, 0.5 ft. above grade.

RECOVERED BY: SEWRPC DATE: 21 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 12 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 201 ELEVATION 973.572

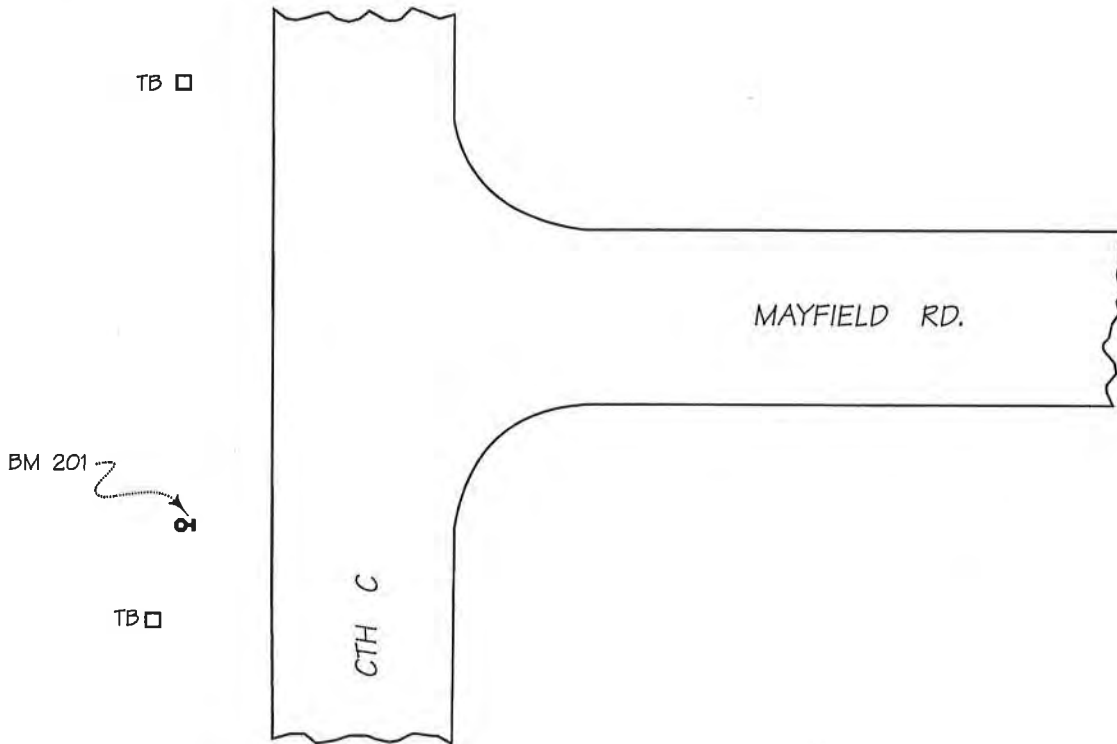
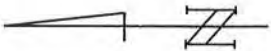
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

201 is a railroad spike set in the south face of power pole No. 78-0782, 0.3 ft. above grade.

RECOVERED BY: SEWRPC DATE: 18 APRIL 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 13 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: ML-D19 ELEVATION 918.841

REFERENCE BENCH MARK NO.: RL-D19 ELEVATION 916.706

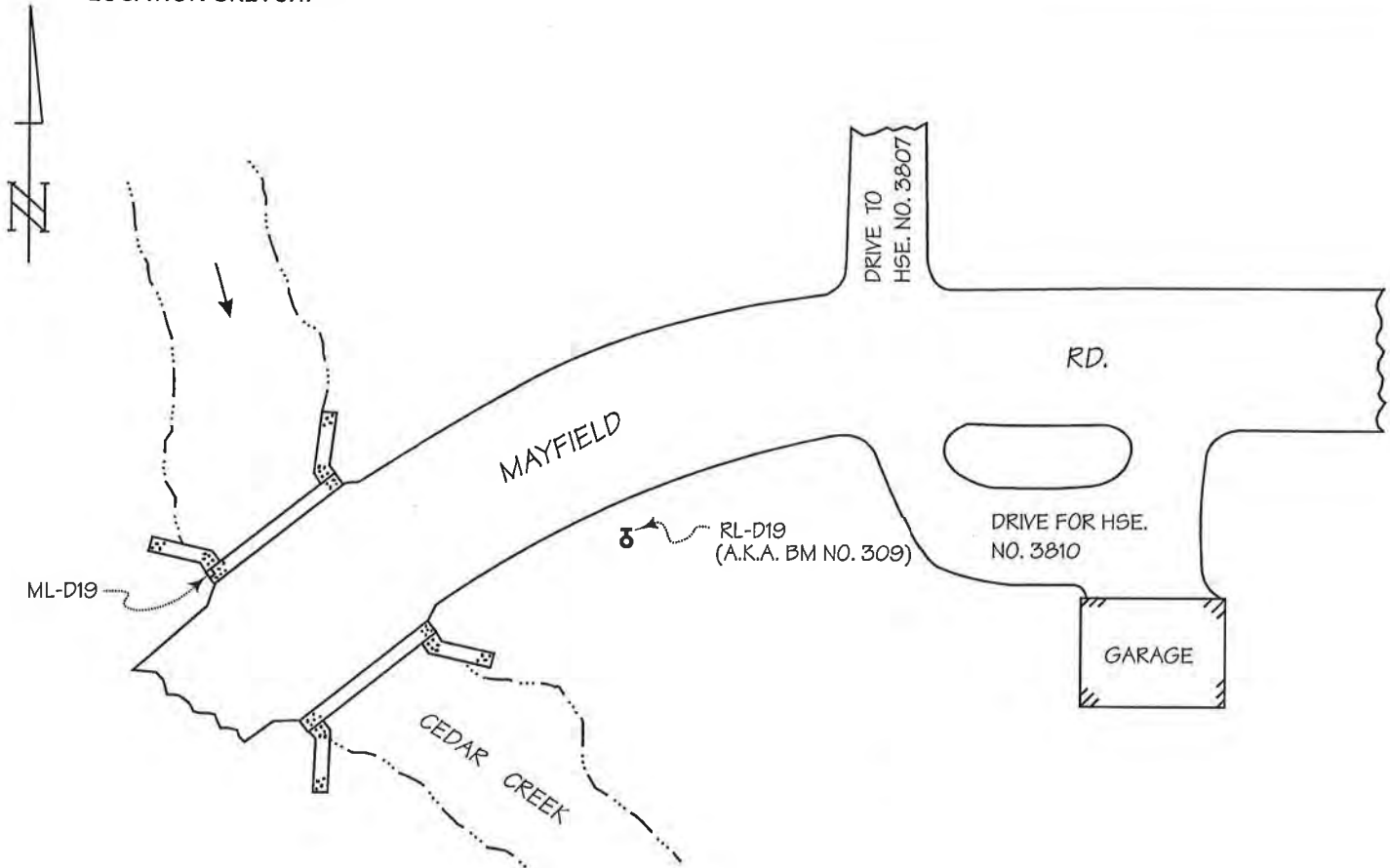
BM/RBM SET BY: ALSTER & ASSOC., INC. YEAR: 1968

BM/RBM CONTROL SURVEY BY: SEWRPC/KAPUR & ASSOC., INC. YEAR: 2003/2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

ML-D19 is a chiseled square in the top of the west corner of the southwest end of the concrete headwall.

RL-D19 is a railroad spike set in the north face of a telephone pole, 1.1 ft. above grade.

RECOVERED BY: SEWRPC DATE: 6 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 13 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 2X47 ELEVATION 946.326

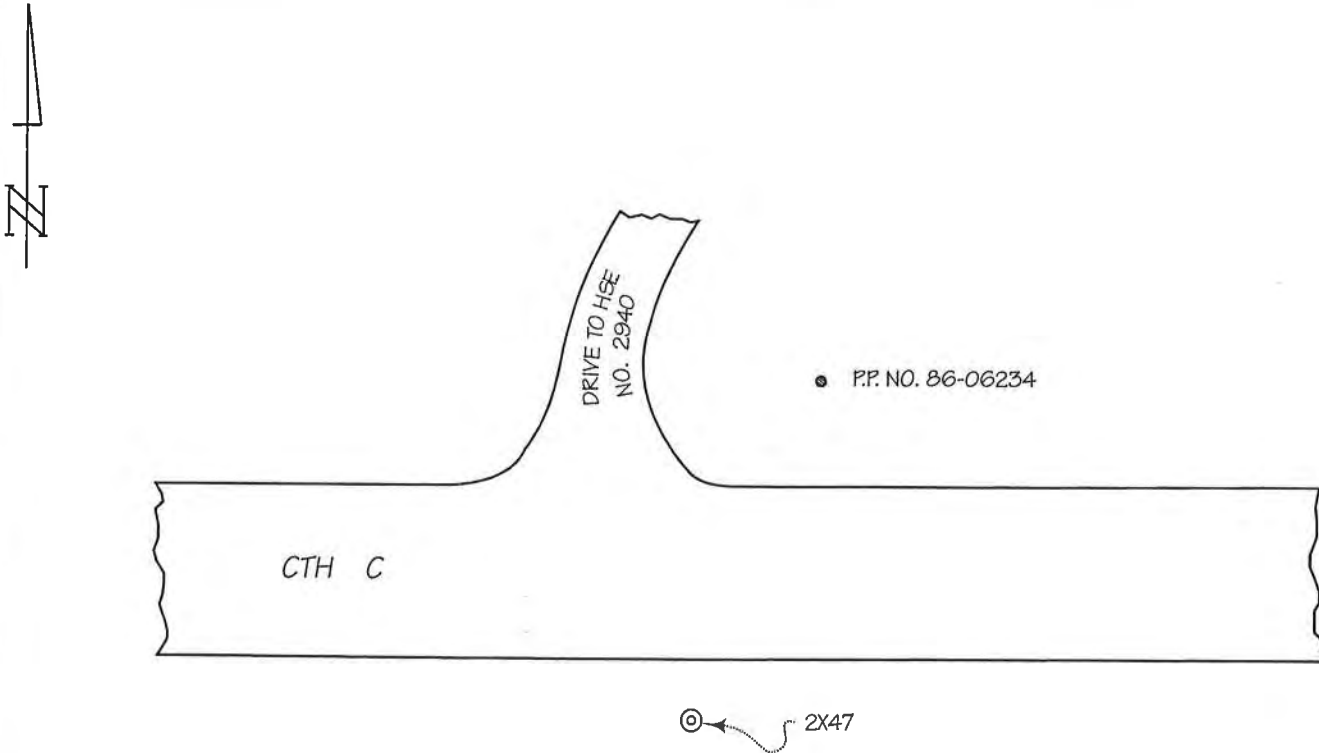
BM SET BY: WisDOT YEAR: 1999

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

2X47 is a concrete monument with WisDOT brass cap located approximately 0.1 mile west of CTH P.

RECOVERED BY: SEWRPC DATE: 11 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 13 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 199 ELEVATION 977.821

REFERENCE BENCH MARK NO.: 200 ELEVATION 979.278

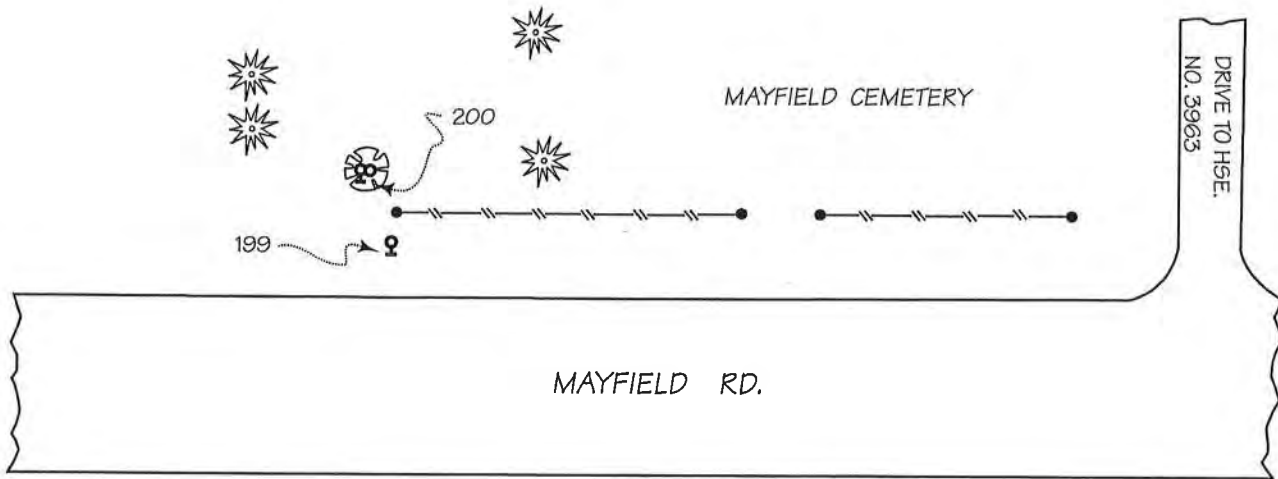
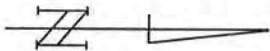
BM /RBM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

199 is a railroad spike set in the east face of power pole No. 86-08913, 0.4 ft. above grade.

200 is a railroad spike set in the east face of the southeast stem of a twin ten-inch-diameter elm, 0.3 ft. above grade.

RECOVERED BY: SEWRPC DATE: 13 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 13 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 301 ELEVATION 969.488

REFERENCE BENCH MARK NO.: 302 ELEVATION 970.280

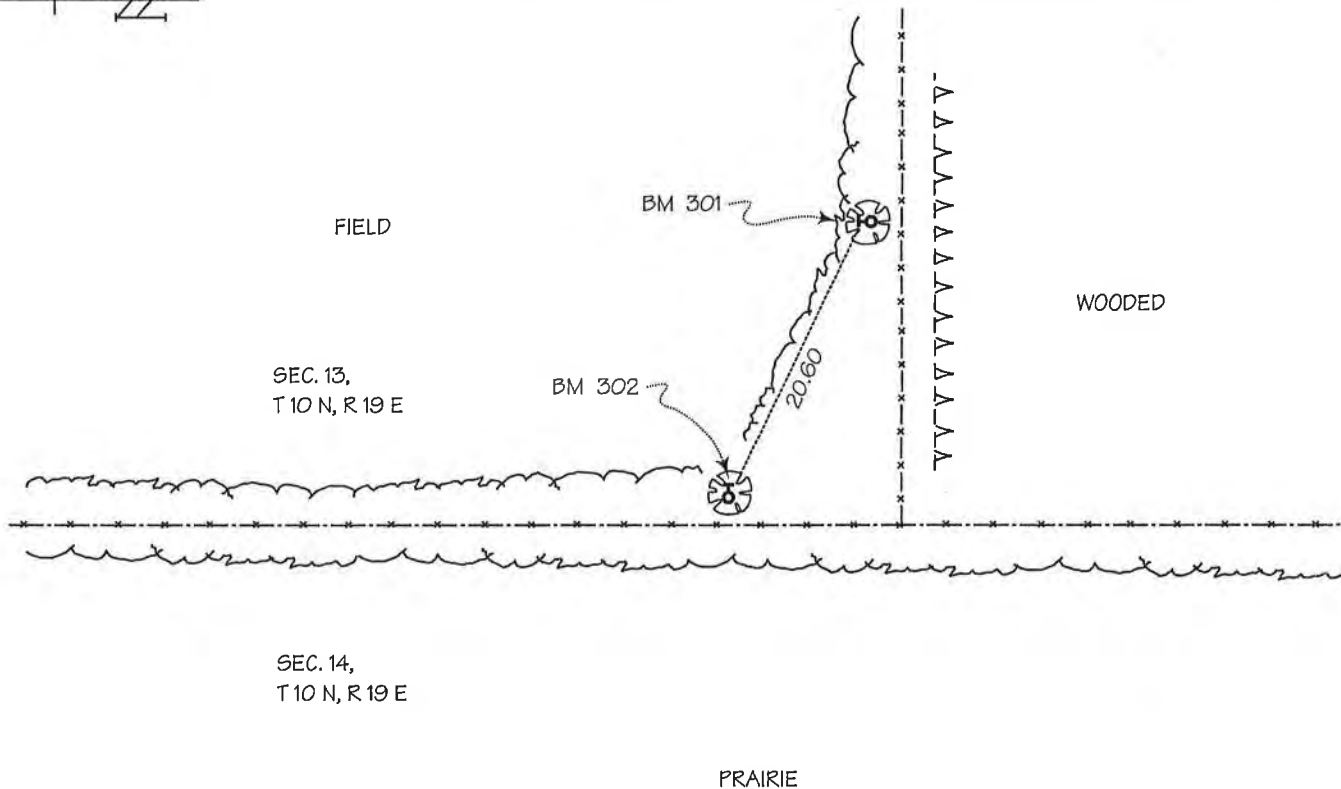
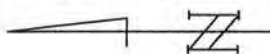
BM /RBM SET BY: KAPUR & ASSOC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: SEWRPC/KAPUR & ASSOC. YEAR: 2003/2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

301 is a railroad spike set in the north face of a 15" elm, 2.0 ft. abv. grd.

302 is a railroad spike set in the east face of a 6" Maple, 1.1 ft. abv. grd.

The benchmarks are located approximately 500 ft. west of house number ~~3093~~ 3963 Mayfield Road.

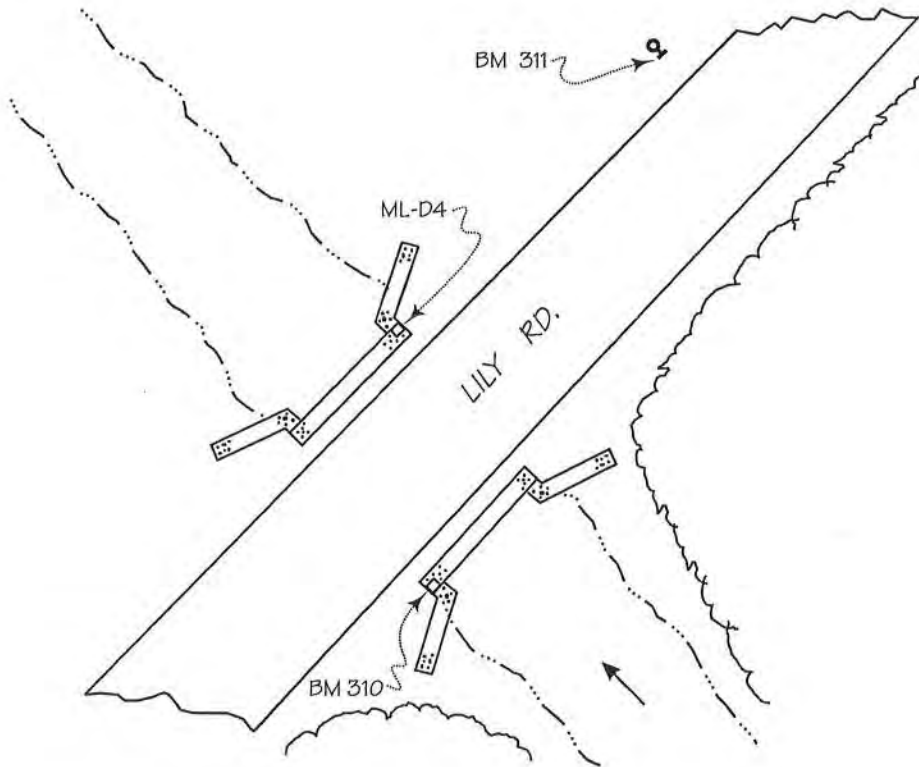
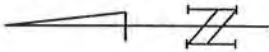
3963

RECOVERED BY: SEWRPC DATE: 8 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 14 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN
BENCH MARK NO.: ML-D4 ELEVATION 958.692
REFERENCE BENCH MARK NO.: 310 ELEVATION 958.658
REFERENCE BENCH MARK NO.: 311 ELEVATION 961.719
BM SET BY: ALSTER & ASSOC., INC. YEAR: 1968
RBMSSET BY: KAPUR & ASSOC., INC. YEAR: 2000
BM CONTROL SURVEY BY: SEWRPC YEAR: 2003
RBMS CONTROL SURVEY BY: KAPUR & ASSOC., INC./SEWRPC YEAR: 2000/2003
DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

ML-D4 is a chiseled square in the top of the east corner at the southeast end of the concrete endwall.

310 is a chiseled square in the top of the west corner at the northwest end of the concrete headwall.

311 is a railroad spike set in the southwest face of power pole No. 84-03999, 0.6 ft. above grade.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 14 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 90 ELEVATION 982.855

REFERENCE BENCH MARK NO.: 91 ELEVATION 984.026

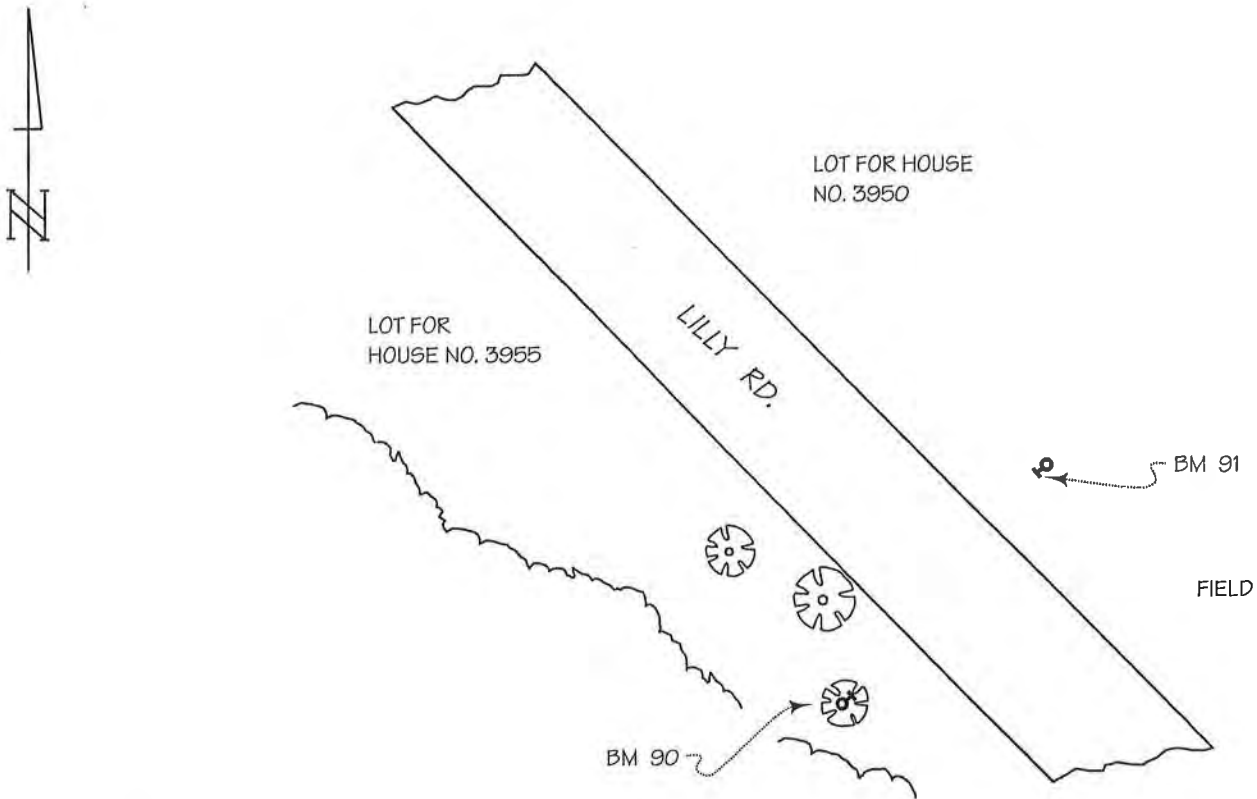
BM /RBM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

90 is a railroad spike set in the northeast face of a 16" dia. ash tree, 0.6 ft. above grade.

91 is a railroad spike set in the southwest face of power pole No. 84-03201, 0.4 ft. above grade.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 15 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: ML-D24 ELEVATION 999.035

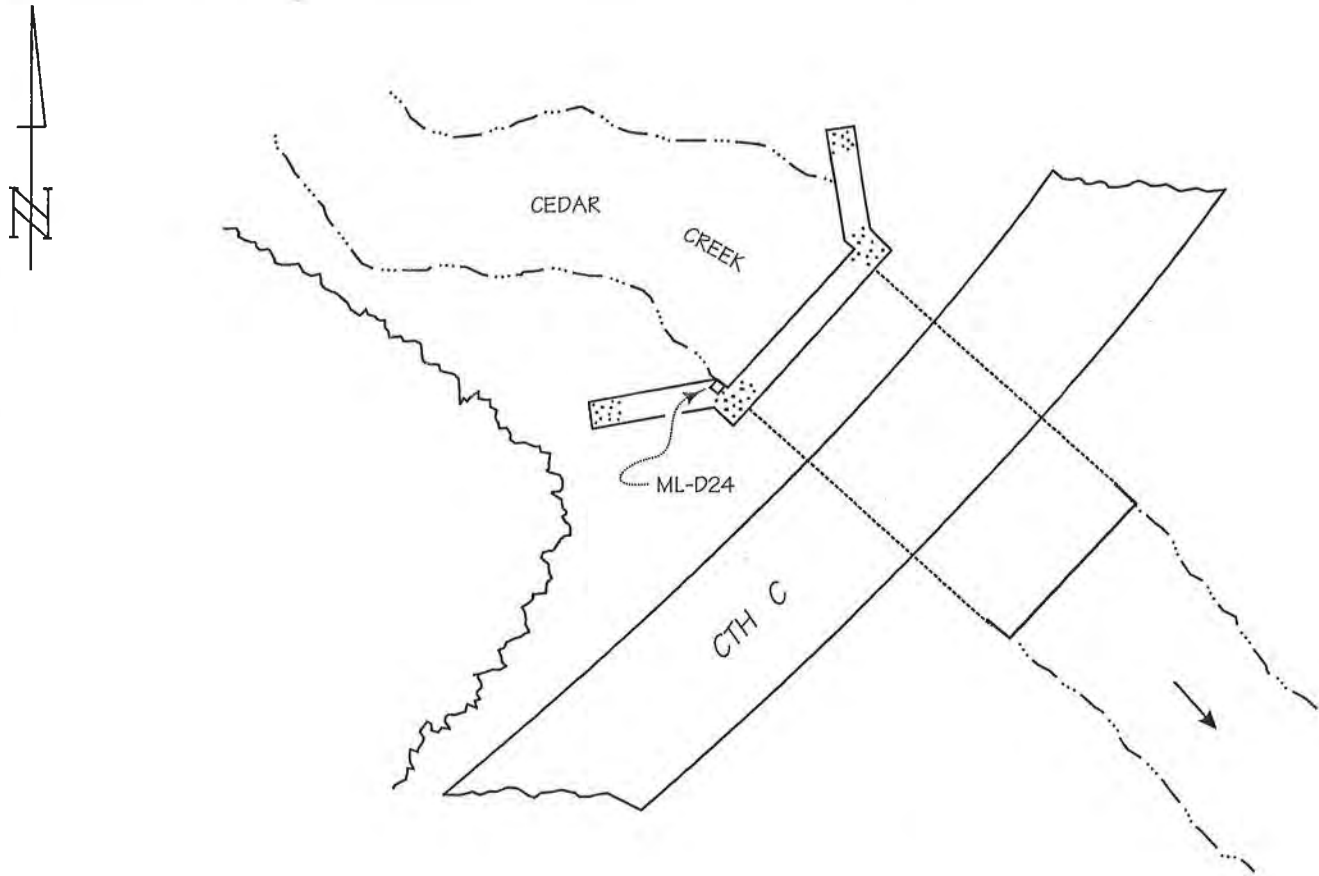
BM SET BY: ALSTER & ASSOC., INC. YEAR: 1968

BM CONTROL SURVEY BY: SEWRPC YEAR: 2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

ML-D24 is a chiseled square in the top of the westerly concrete wingwall.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 15 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: ML-D23 (RESET) ELEVATION 978.760

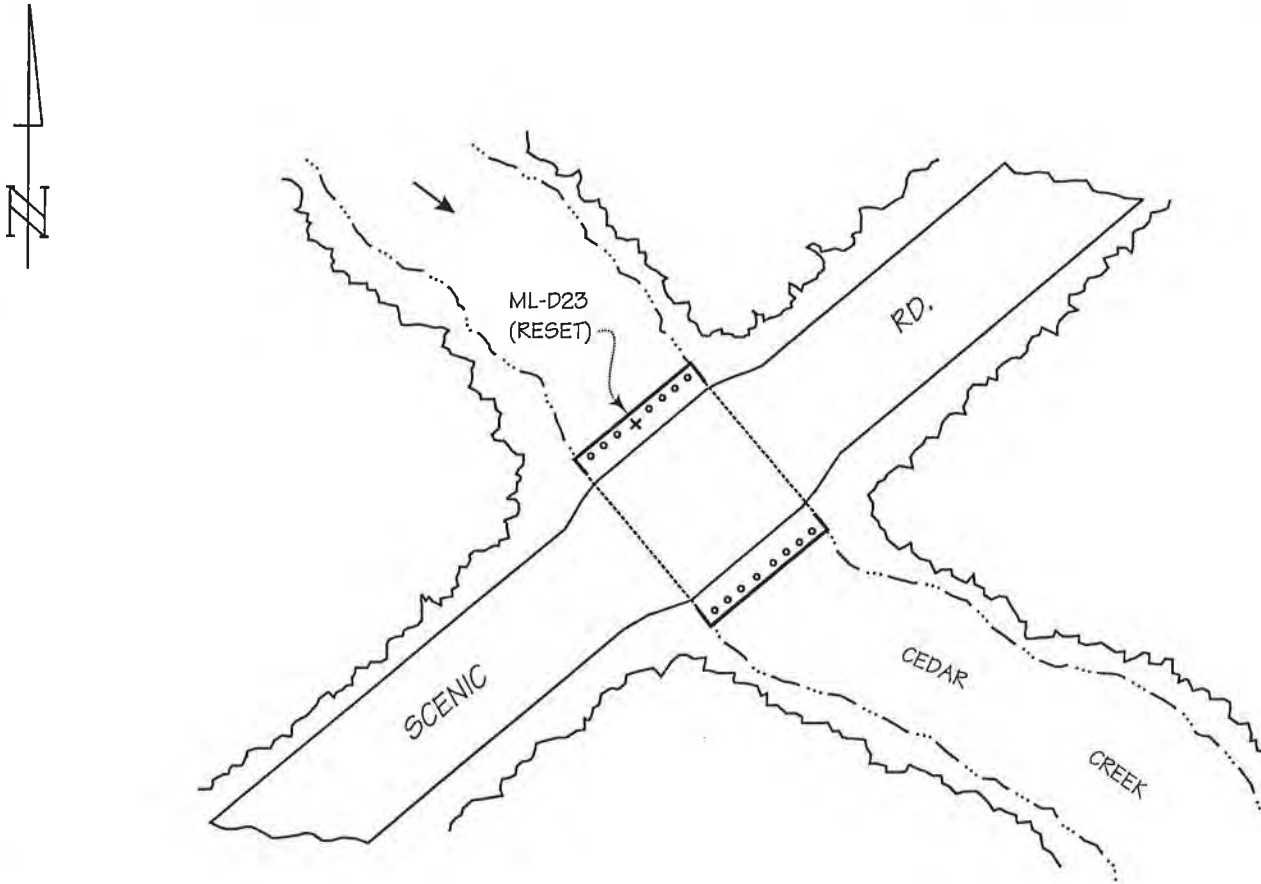
BM SET BY: SEWRPC YEAR: 2003

BM CONTROL SURVEY BY: AERO-METRIC, INC. YEAR: 2005

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

ML-D23 (RESET) is a chiseled cross in the top of the top bolt at the northwest end of a 12 ft. wide oval CMCP.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 15 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 2K49 ELEVATION 1115.609

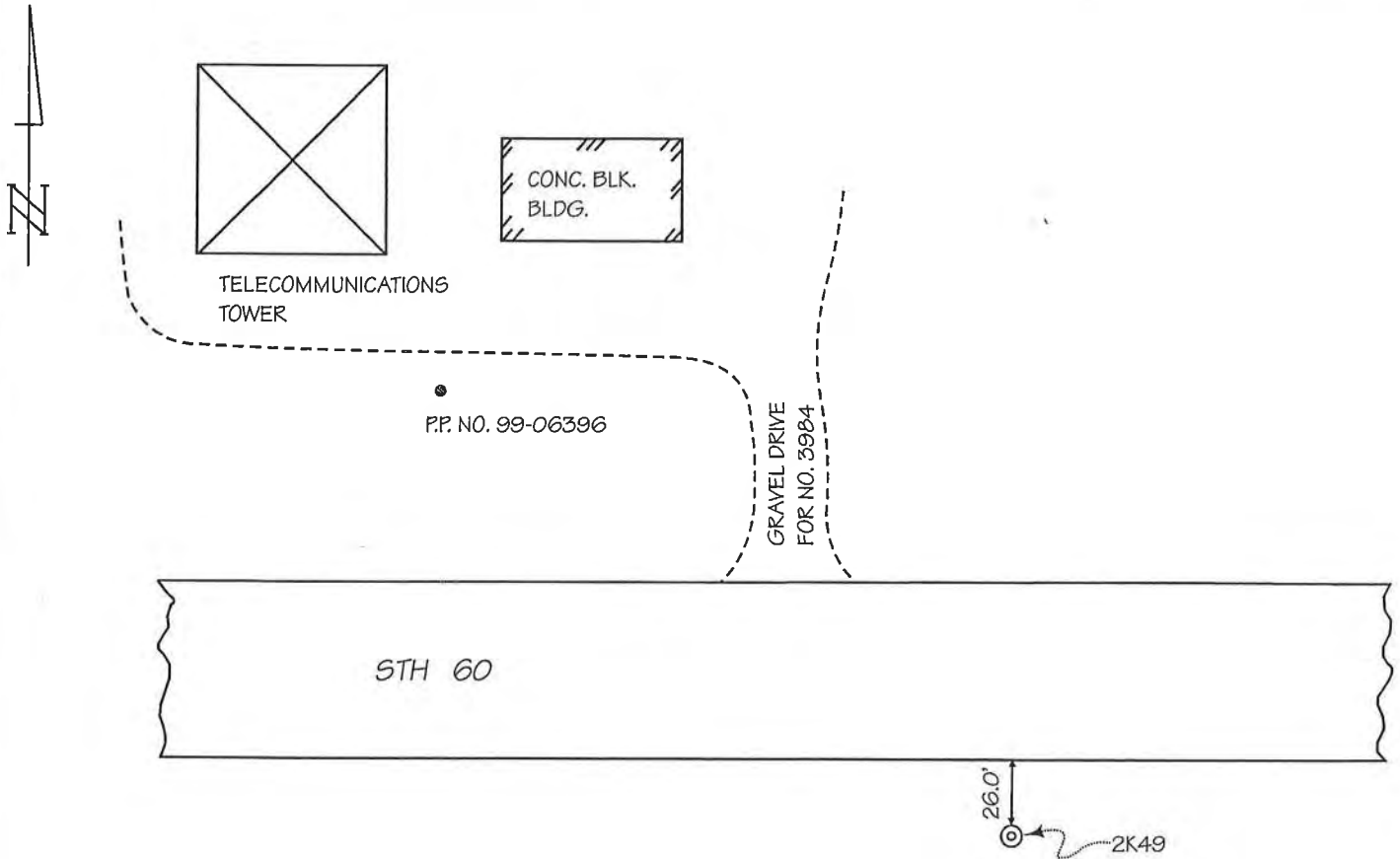
BM SET BY: WisDOT YEAR: 1999

BM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

2K49 is a concrete monument with WisDOT brass cap located approximately 0.3 mile east of CTH C.

RECOVERED BY: SEWRPC DATE: 11.AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 15 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 215 ELEVATION 1055.440

REFERENCE BENCH MARK NO.: 223 ELEVATION 1053.847

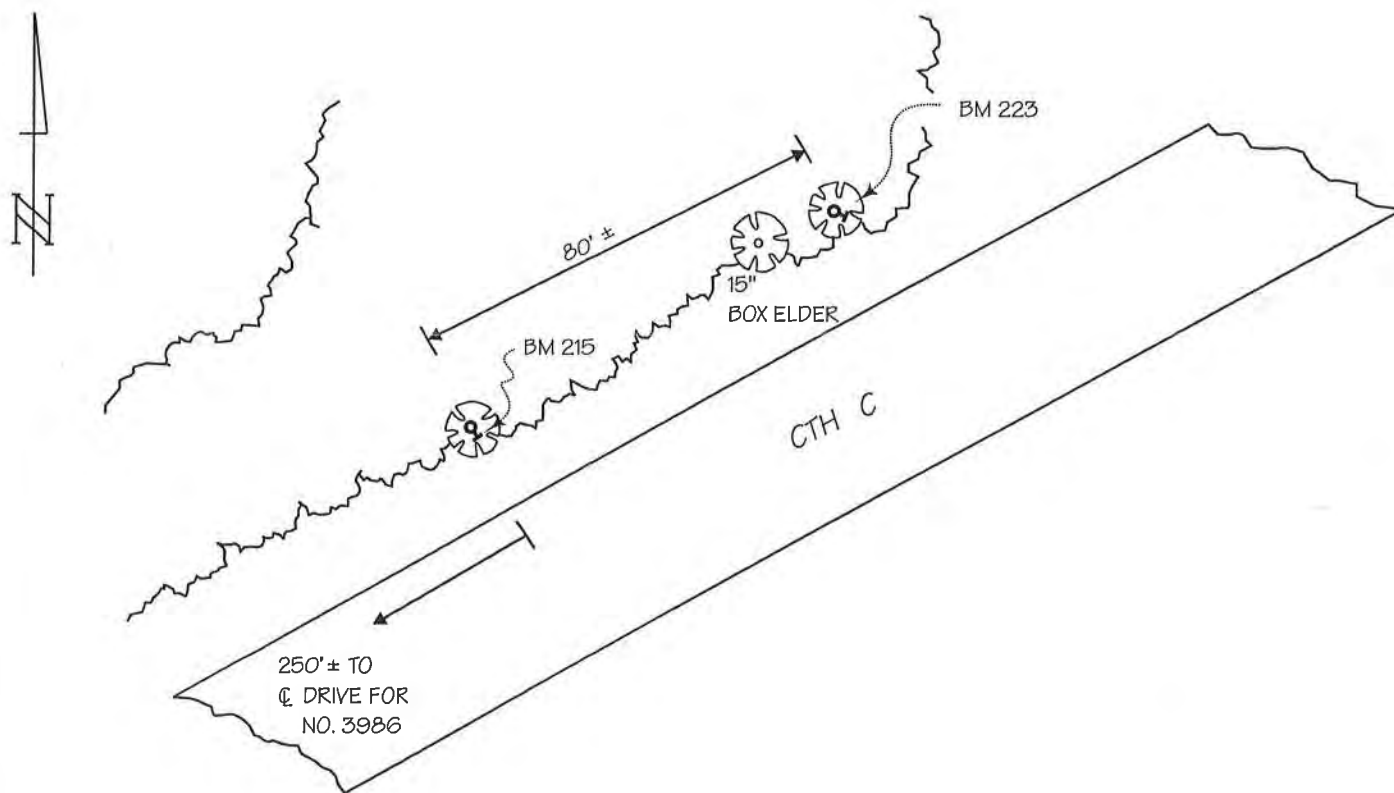
BM /RBM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

215 is a railroad spike in the SE face of an 11" dia. box elder, 0.6 ft. abv. grd.

223 is a railroad spike in the SE face of a 14" dia. box elder, 2.5 ft. abv. grd.

The benchmarks are located approximately 0.5 mi. NE of Hillside Rd.

RECOVERED BY: SEWRPC DATE: 16 SEPTEMBER 2003

Three-Wire Leveling

4/1/2010 WDG

MONUMENT #71

F-6
10-19

Point	BS (+) 7.28	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
RBM	6.77	6.77	102				1058.650	1058.65	1058.65	FOUND RR SPIKE SW FACE OF PP # 01-07004 AT GRD.
	6.26									
	6.605			6.54						
RBM	5.905	5.907	139.5	5.810	5.813	145	1059.607	1059.606	1059.61	FOUND RR SPIKE SE FACE PP # 01-07003 0.35' ABV. GRD.
	5.210			5.090						
	7.170			6.445						
MON	6.510	6.510	132	6.080	6.082	72.5	1059.432	1059.43	1059.435	E 1/4 CORNER OF 16-10-19
	5.850			5.720						
	24.555			1.450						
TP 1	23.785	23.785	154	1.005	1.005	89	1064.937	1064.934		
	23.015			0.560						
	2.890			10.935						
TP 2	2.265	2.267	124.5	10.145	10.145	158	1078.577	1078.573		
	1.645			9.355						
	8.200			8.145						
TP 3	7.515	7.515	137	7.433	7.434	142	1073.409	1073.404		
	6.830			6.725						
	16.155			2.105						
TP 4	15.465	15.463	138.5	1.570	1.572	106.5	1079.352	1079.346		
	14.770			1.040						
	10.750			3.755						
TP 5	10.520	10.520	46	3.040	3.040	143	1091.776	1091.769		
	10.290			2.325						
	8.050			6.000						
RBM	7.745	7.745	61	5.860	5.860	28	1096.436	1096.428		SET SPINDLE SPIKE IN 18" HICKORY 0.8' ABV. GRD.
	7.440			5.720						
	13.835			6.550						
TP 6	12.630	12.633	240	6.265	6.265	57	1097.916	1097.907		
	11.435			5.980						
	4.820			6.935						
TP 7	4.290	4.290	106	5.805	5.805	226	1104.744	1104.734		
	3.760			4.675						
	11.590			6.705						

Three-Wire Leveling

4/1/2010 WDG

MONUMENT #71

Point	BS (+) 7.28	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 8	11.020	11.020	114	6.190	6.192	102.5	1102.842	1102.831		
	10.450			5.680						
	12.545			2.780						
TP 9	11.910	11.910	127	2.200	2.200	116	1111.662	1111.65		
	11.275			1.620						
	5.610			22.630						
MON	5.515	5.515	19	21.595	21.595	207	1101.977	1101.964	1101.762	CENTER OF 16-10-19
	5.420			20.560						
	4.455			2.100						
SET RBM	4.300	4.302	30.5	2.000	2.000	20	1105.492	1105.478		SET SPINDLE SPIKE SW FACE OF 15" ASH AT GRD.
	4.150			1.900						
	7.070			3.950						
SET RBM	6.630	6.630	88	3.730	3.728	44.5	1106.066	1106.051		SET SPINDLE SPIKE SOUTH FACE OF 11" MAPLE 1.1' ABV. GRD.
	6.190			3.505						
	12.910			2.105						
TP 10	12.460	12.460	90	1.610	1.608	99.5	1111.087	1111.071		
	12.010			1.110						
	1.410			3.100						
TP 11	1.020	1.020	78	2.715	2.715	77	1120.832	1120.815		
	0.630			2.330						
	1.560			10.325						
(TP 9)	0.795	0.795	153	10.180	10.178	29.5	1111.674	1111.656		
	0.030			10.030						
	10.905			10.340						
TP 13	9.695	9.695	242	9.555	9.557	156.5	1102.912	1102.893		
	8.485			8.775						
	5.975			14.720						
TP 14	5.170	5.170	161	13.530	13.530	238	1099.077	1099.057		
	4.365			12.340						
	0.550			8.150						
(SET RBM)	0.370	0.373	35	7.800	7.800	70	1096.447	1096.426		SET SPINDLE SPIKE IN 18" HICKORY 0.8' ABV. GRD.
	0.200			7.450						
	3.035			6.970						

Three-Wire Leveling

4/1/2010 WDG

MONUMENT #71

Point	BS (+) 7.28	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 15	2.430	2.432	120.5	6.740	6.740	46	1090.081	1090.059		
	1.830			6.510						
	2.505			15.615						
TP 16	1.625	1.623	176.5	15.020	15.022	118.5	1077.491	1077.468		
	0.740			14.430						
	12.000			3.130						
TP 17	10.685	10.688	262	2.105	2.105	205	1077.009	1076.985		
	9.380			1.080						
	2.110			23.695						
TP 18	1.090	1.090	204	23.030	23.030	133	1064.667	1064.642		
	0.070			22.365						
	6.470			7.175						
RBM	5.730	5.732	147.5	6.125	6.128	209	1059.629	1059.603	1059.61	FOUND RR SPIKE SE FACE PP # 01-07003 0.35' ABV. GRD.
	4.995			5.085						
				7.190						
RBM				6.685	6.685	101	1058.676	1058.65	1058.65	FOUND RR SPIKE SW FACE OF PP # 01-07004 AT GRD.
				6.180						
		193.860			193.834					

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: SS-04-11 ELEVATION 1047.647

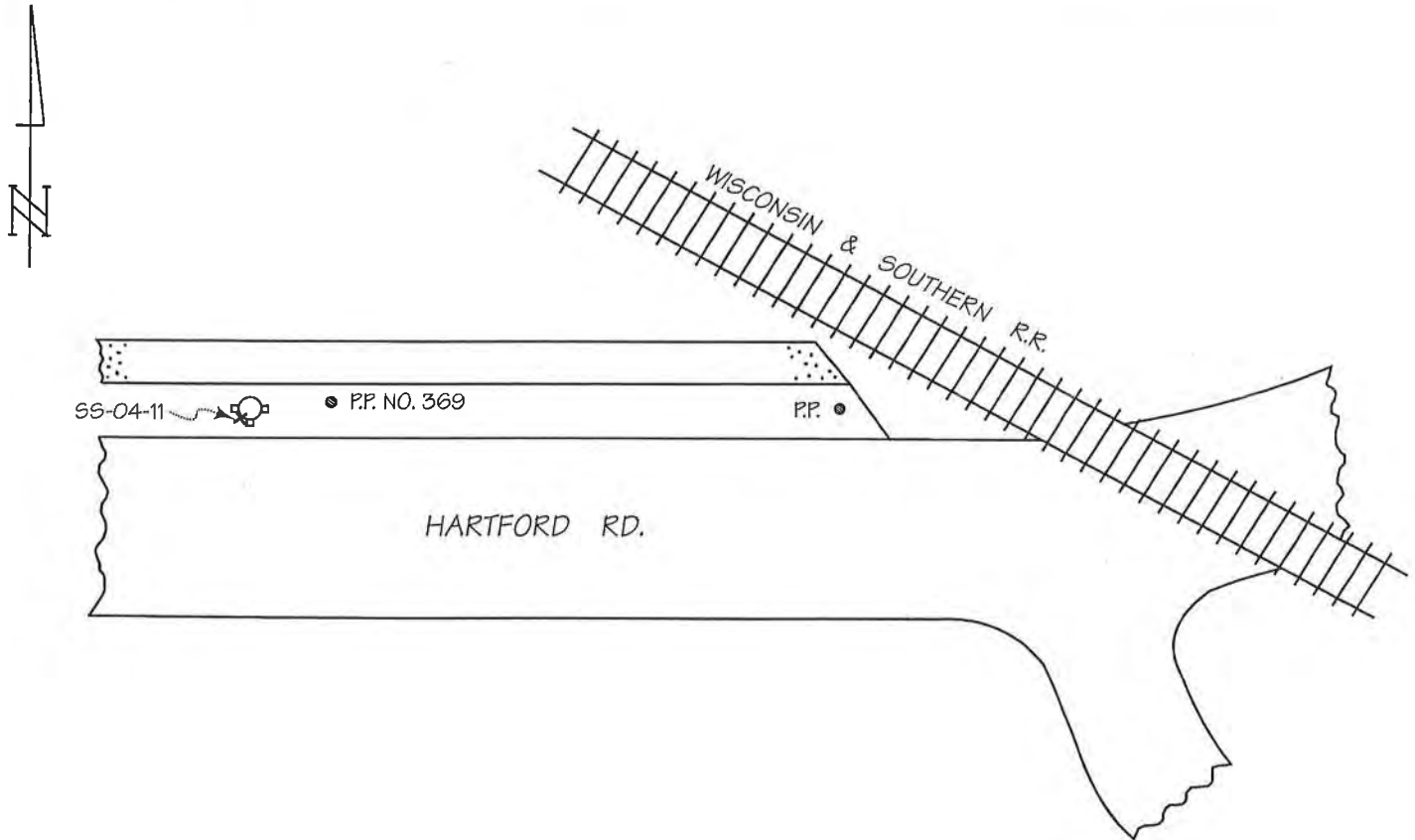
BM SET BY: SEWRPC YEAR: 2004

BM CONTROL SURVEY BY: SEWRPC YEAR: 2004

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark SS-04-11 is a chiseled cross in the top of the southwest flange bolt of a hydrant, 2.4 ft. above grade.

RECOVERED BY: SEWRPC DATE: 10 AUGUST 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 45 ELEVATION 1051.038

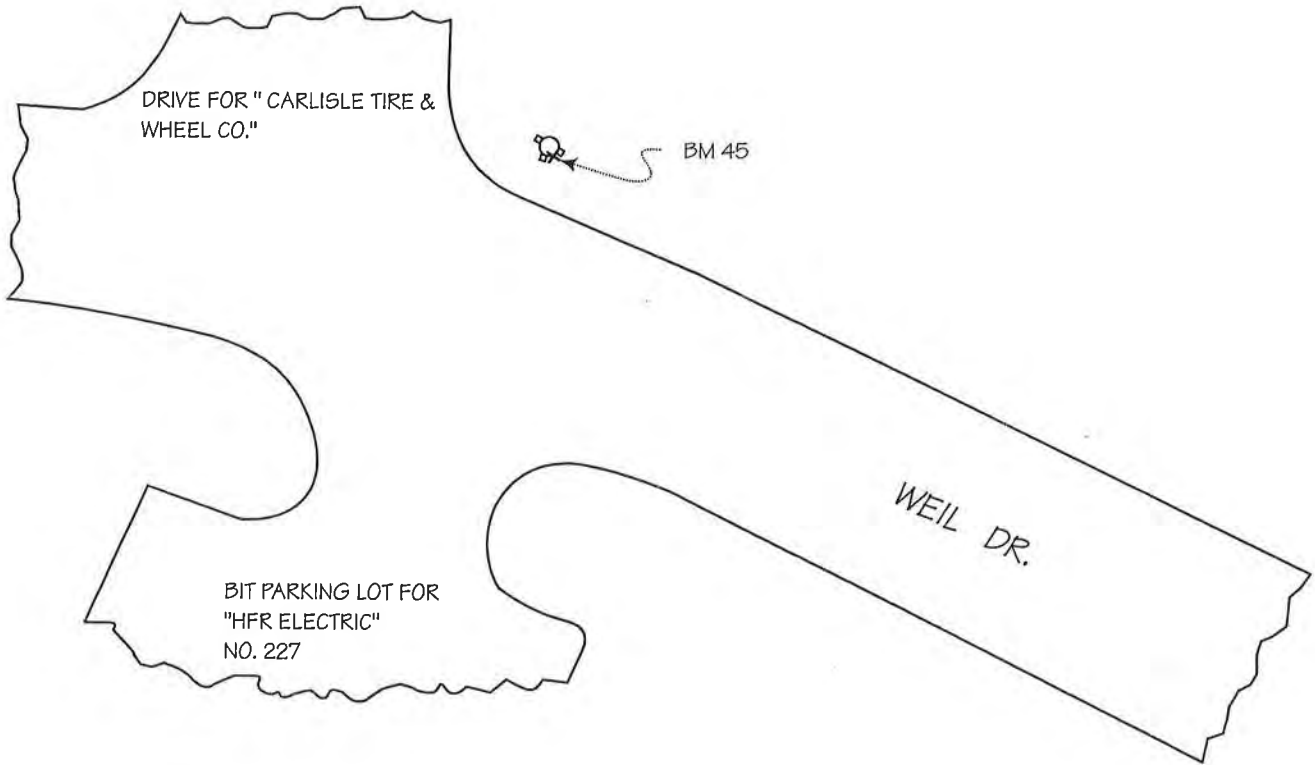
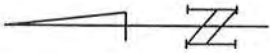
BM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 45 is a chiseled cross in the top of the southwest flange bolt of a hydrant, 2.6 ft. above grade

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 286 ELEVATION 1062.609

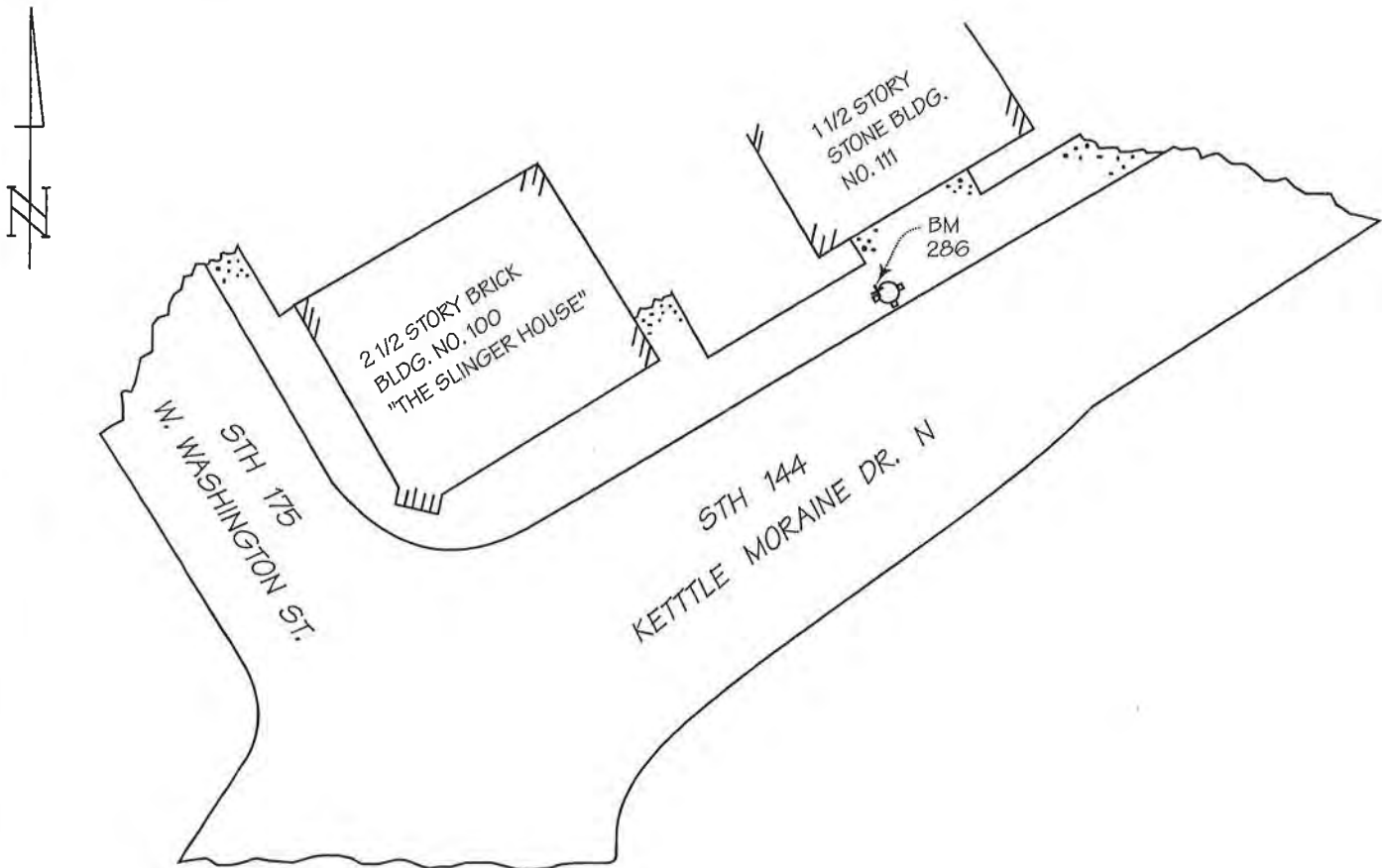
BM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 286 is a chiseled cross in the top of the northwest flange bolt of a hydrant, 1.7 ft. above concrete walk.

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 288 ELEVATION 1076.338

REFERENCE BENCH MARK NO.: 287 ELEVATION 1077.667

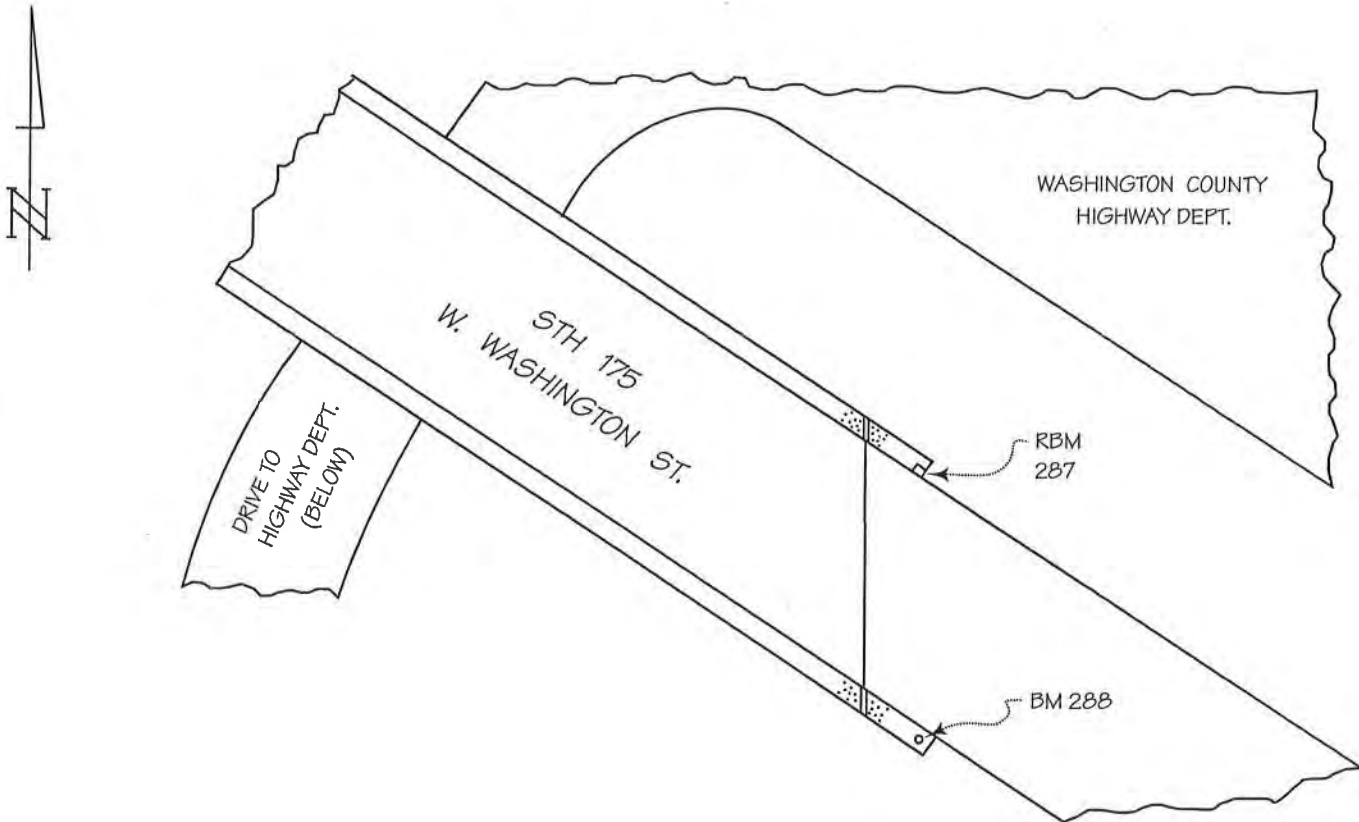
BM /RBM SET BY: WisDOT/KAPUR & ASSOC. YEAR: 1981/2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 288 is a WisDOT aluminum cap set in the top of the concrete parapet wall 2.8 ft. above roadway surface.

Reference benchmark 287 is a chiseled square in the top of the southeast corner of the concrete parapet wall, 2.7 ft. above roadway surface.

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 289 ELEVATION 1046.158

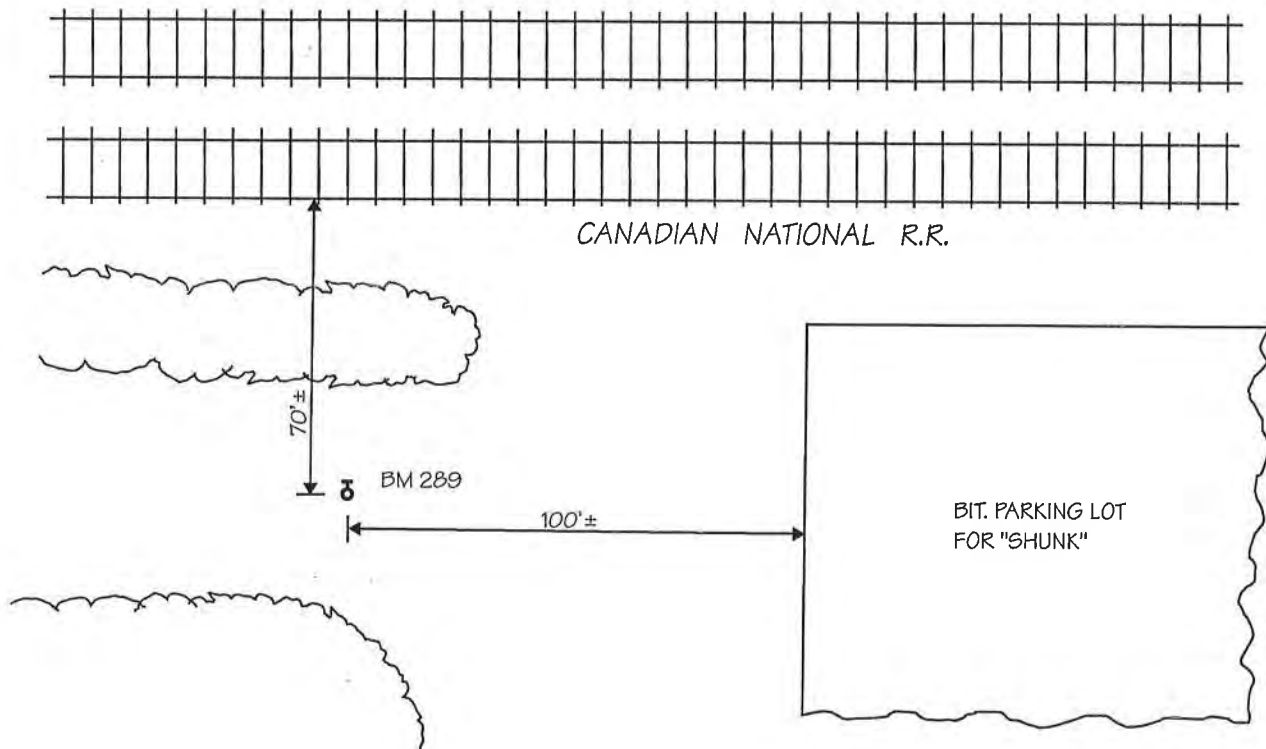
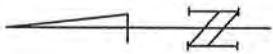
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 289 is a railroad spike in the east face of power pole No. E60-9407 0.7 ft. above grade.

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 290 ELEVATION 1053.966

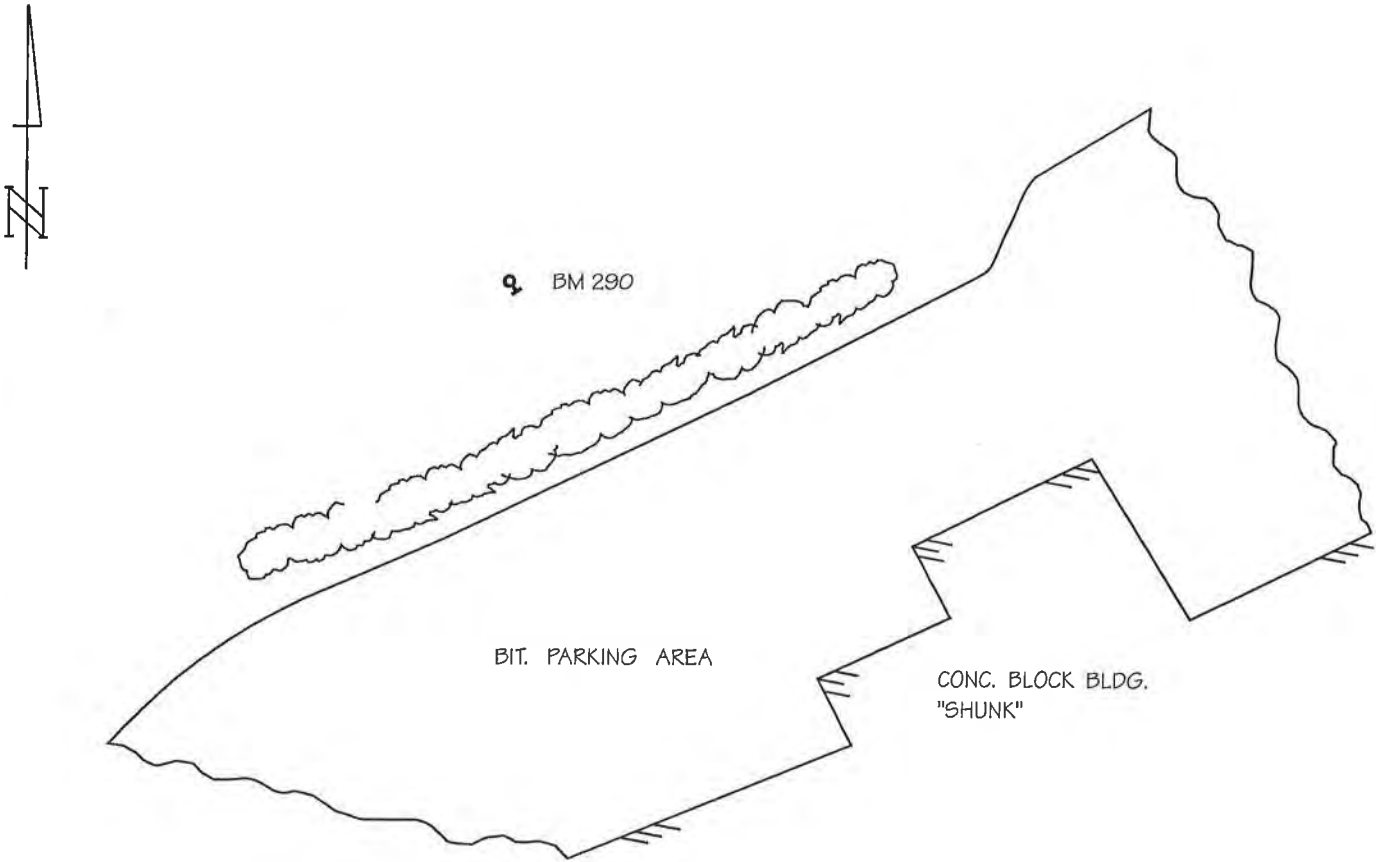
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 290 is a railroad spike in the southeast face of power pole No. E60-9405, 0.7 ft. above grade.

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 339 ELEVATION 1058.284

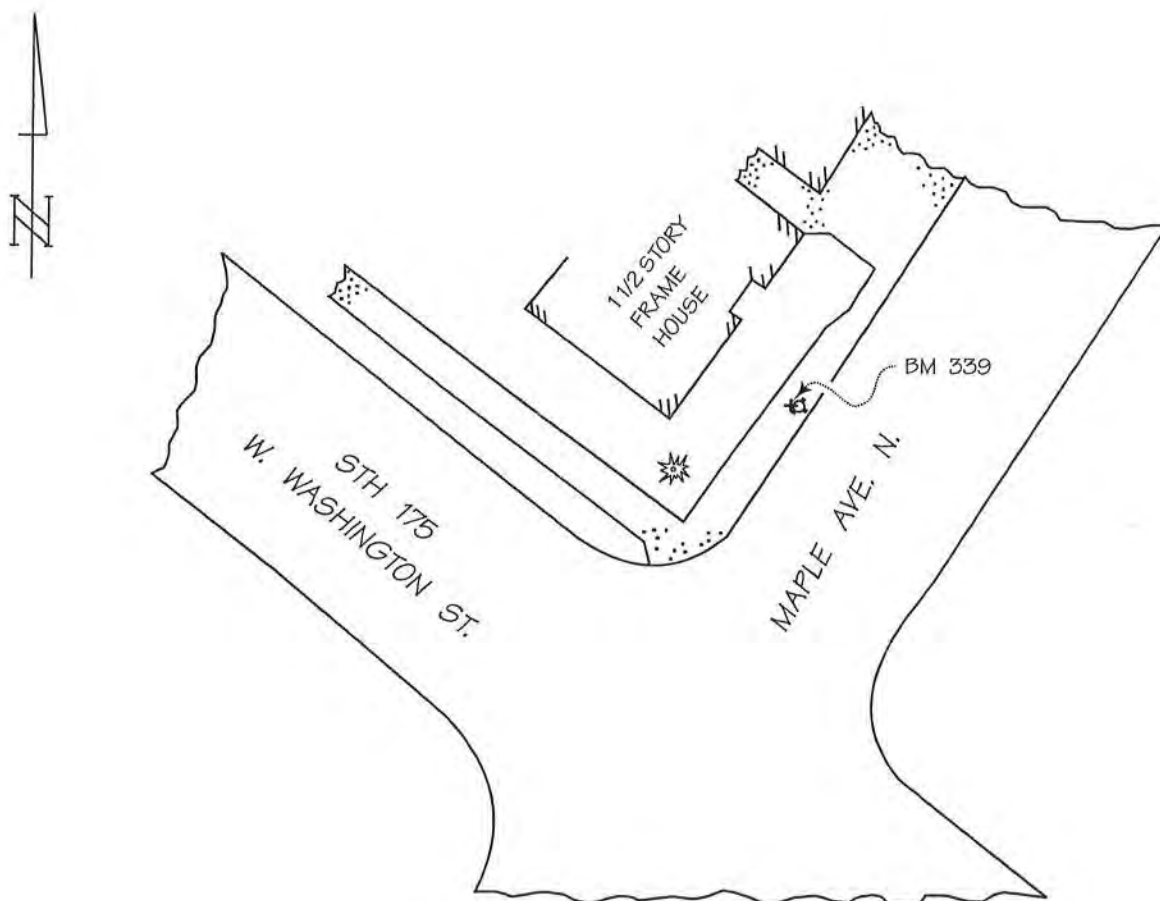
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 339 is a chiseled cross in the top of the northwest flange bolt of a hydrant, 2.5 ft. above concrete walk.

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 355 ELEVATION 1049.474

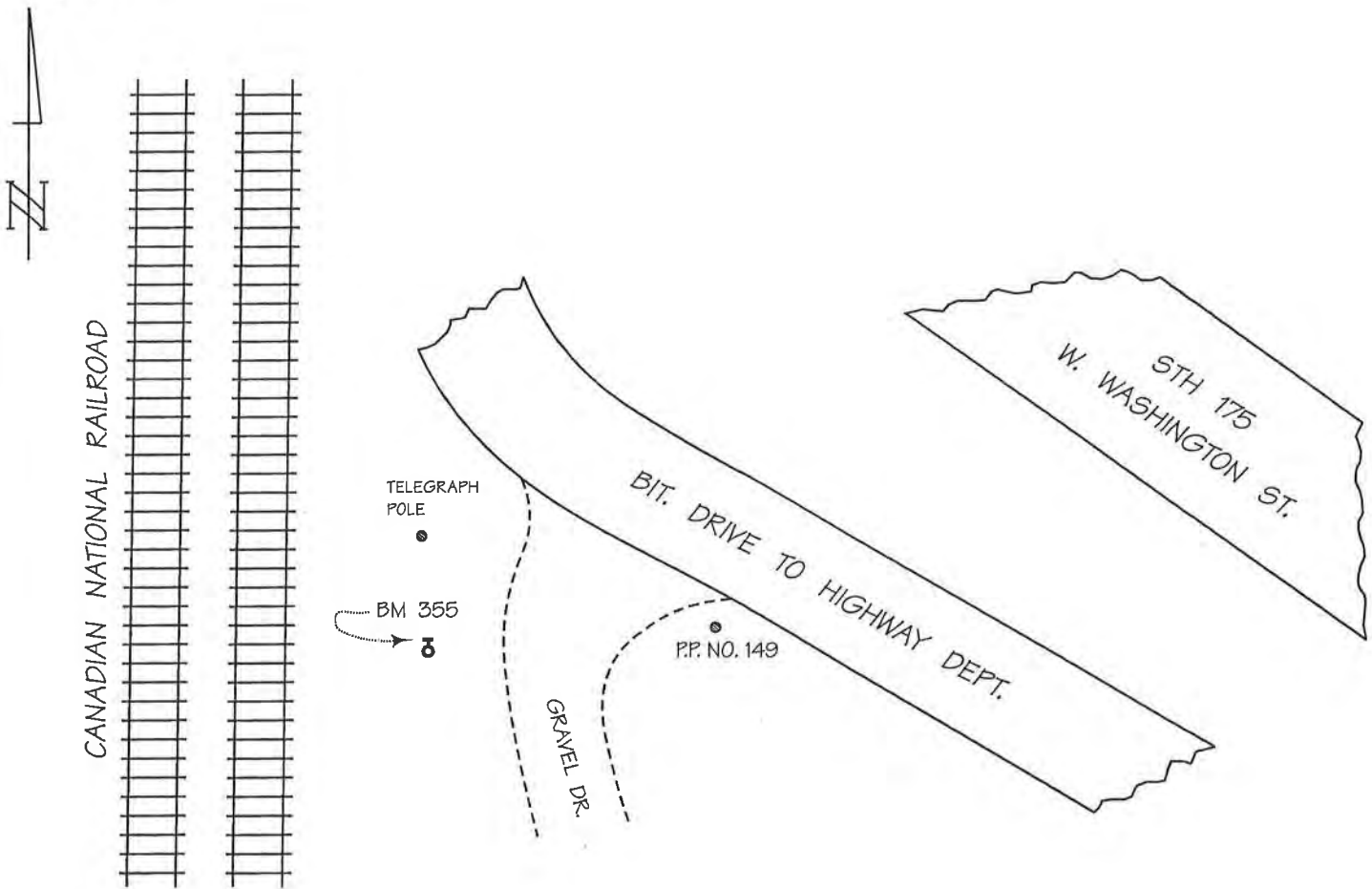
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 355 is a railroad spike in the north face of meter pole No. 150, 0.6 ft. above grade.

RECOVERED BY: SEWRPC

DATE: 5 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 18 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 359 ELEVATION 1040.514

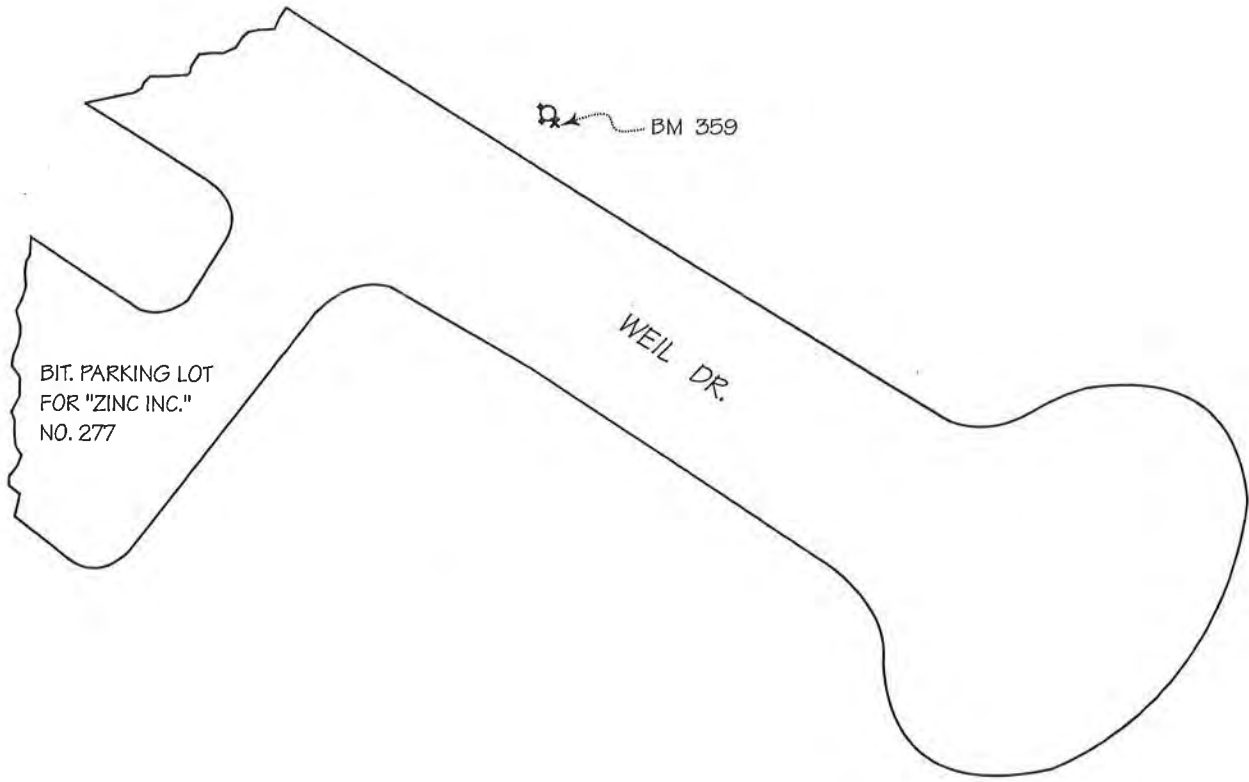
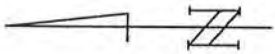
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 359 is a chiseled cross in top of the southwest flange bolt of a hydrant, 3.1 ft. above grade.

RECOVERED BY: SEWRPC DATE: 5 DECEMBER 2003

Three-Wire Leveling

3/22/2010 JKT

MONUMENT #91 10-19 A-7

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	12.180									
RBM	11.870	11.870	62				1169.465	1169.465	1169.465	FD. RR SPIKE SE FACE OF 12" OAK 1.0' ABV, GRD.
	11.560									
	2.920			2.450						
RBM	1.770	1.770	230	1.950	1.947	101	1179.388	1179.389	1179.378	FD. RR SPIKE N FACE OF W'LY STEM OF TWIN 15" OAK 0.7' ABV. GRD.
	0.620			1.440						
	3.500			10.810						
TP 1	2.400	2.400	220	9.650	9.650	232	1171.508	1171.512		
	1.300			8.490						
	1.510			19.780						
TP 2	1.130	1.133	75	18.760	18.763	203	1155.145	1155.152		
	0.760			17.750						
	1.640			8.910						
SET RBM	1.140	1.140	100	8.590	8.590	64	1147.688	1147.696		SET RR SPIKE IN E FACE OF PP # 66-8623 0.5' ABV. GRD.
	0.640			8.270						
	1.845			9.010						
TP 3	1.231	1.232	122.5	8.518	8.518	98.5	1140.311	1140.320		
	0.620			8.025						
	1.830			9.965						
TP 4	1.400	1.400	86	9.345	9.347	123.5	1132.196	1132.207		
	0.970			8.730						
	2.525			11.090						
TP 5	1.953	1.953	114.25	10.650	10.653	87	1122.943	1122.955		
	1.383			10.220						
	0.860			19.305						
TP 6	0.632	0.632	45.5	18.793	18.794	102	1106.102	1106.115		
	0.405			18.285						
	1.340			11.920						
TP 7	1.092	1.092	49.5	11.573	11.574	69	1095.160	1095.174		
	0.845			11.230						
	2.570			11.075						
TP 8	2.250	2.250	64	10.683	10.683	78.5	1085.569	1085.584		
	1.930			10.290						
	4.960			8.170						
TP 9	4.000	4.000	192	7.790	7.790	76	1080.029	1080.046		
	3.040			7.410						

Three-Wire Leveling

3/22/2010 JKT

MONUMENT #91

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	6.820			5.040						
RBM	6.440	6.440	76	4.128	4.129	182	1079.900	1079.920		SW CORNER - FOUND CONC. WIT. MON. WITH ALUM. CAP
	6.060			3.220						
	4.365			6.840						
RBM	3.983	3.983	76.5	6.533	6.534	61	1079.806	1079.827		NW CORNER - FOUND CONC. WIT. MON. WITH ALUM. CAP
	3.600			6.230						
	4.750			5.465						
RBM	4.235	4.235	27	5.232	5.232	46.5	1078.556	1078.577		NE CORNER - FOUND CONC. WIT. MON. WITH ALUM. CAP
	3.720			5.000						
				4.515						
MON				4.028	4.028	97.5	1078.763	1078.784	1078.872	SW CORNER OF 18-10-19
				3.540						
	6.795									
RBM	6.495	6.497	59.5				1079.806	1079.827		NW CORNER - FOUND CONC. WIT. MON. WITH ALUM. CAP
	6.200									
	6.090			6.775						
RBM	5.385	5.387	140.5	6.400	6.398	75.5	1079.904	1079.926		SW CORNER - FOUND CONC. WIT. MON. WITH ALUM. CAP
	4.685			6.020						
	7.470			7.220						
TP 10	7.050	7.053	83	6.260	6.263	191	1079.028	1079.052		
	6.640			5.310						
	7.895			2.585						
TP 11	7.665	7.665	46	2.170	2.172	82.5	1083.909	1083.935		
	7.435			1.760						
	9.210			2.145						
TP 12	8.960	8.960	50	1.920	1.918	45.5	1089.656	1089.683		
	8.710			1.690						
	10.850			1.090						
TP 13	10.580	10.577	55	0.855	0.855	47	1097.761	1097.789		
	10.300			0.620						
	16.720			0.975						
TP 14	16.200	16.202	103.5	0.745	0.747	45.5	1107.591	1107.619		
	15.685			0.520						
	13.040			2.165						

Three-Wire Leveling

3/22/2010 JKT

MONUMENT #91

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 15	12.455	12.455	117	1.705	1.707	91.5	1122.086	1122.115		
	11.870			1.250						
	9.245			1.560						
TP 16	8.720	8.715	106.5	1.045	1.045	103	1133.496	1133.526		
	8.180			0.530						
	9.160			2.510						
TP 17	8.680	8.680	96	2.000	2.003	101	1140.208	1140.239		
	8.200			1.500						
	10.730			1.760						
(SET RBM)	10.270	10.272	91.5	1.225	1.223	107.5	1147.664	1147.699		SET RR SPIKE IN E FACE OF PP # 66-8623 0.5' ABV. GRD.
	9.815			0.685						
	15.030			1.515						
TP 18	14.325	14.322	142	1.105	1.103	82.5	1156.833	1156.870		
	13.610			0.690						
	8.430			3.870						
TP19	7.970	7.968	92.5	3.200	3.197	135	1167.958	1167.994		
	7.505			2.520						
	8.350			3.075						
TP 20	7.745	7.747	120.5	2.645	2.647	85.5	1173.279	1173.316		
	7.145			2.220						
	7.740			4.205						
TP 21	7.310	7.312	85.5	3.67	3.668	107.5	1177.358	1177.396		
	6.885			3.13						
	1.290			5.745						
RBM	0.900	0.897	79	5.325	5.323	84.5	1179.346	1179.386	1179.378	FD. RR SPIKE N FACE OF W'LY STEM OF TWIN 15" OAK 0.7' ABV. GRD.
	0.500			4.9						
				11.25						
RBM				10.82	10.818	86.5	1169.424	1169.465	1169.465	FD. RR SPIKE SE FACE OF 12" OAK 1.0' ABV, GRD.
				10.385						
		178.020			178.061					

RECORD OF VERTICAL CONTROL STATION

SECTION 19 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 2K47 ELEVATION 1095.405

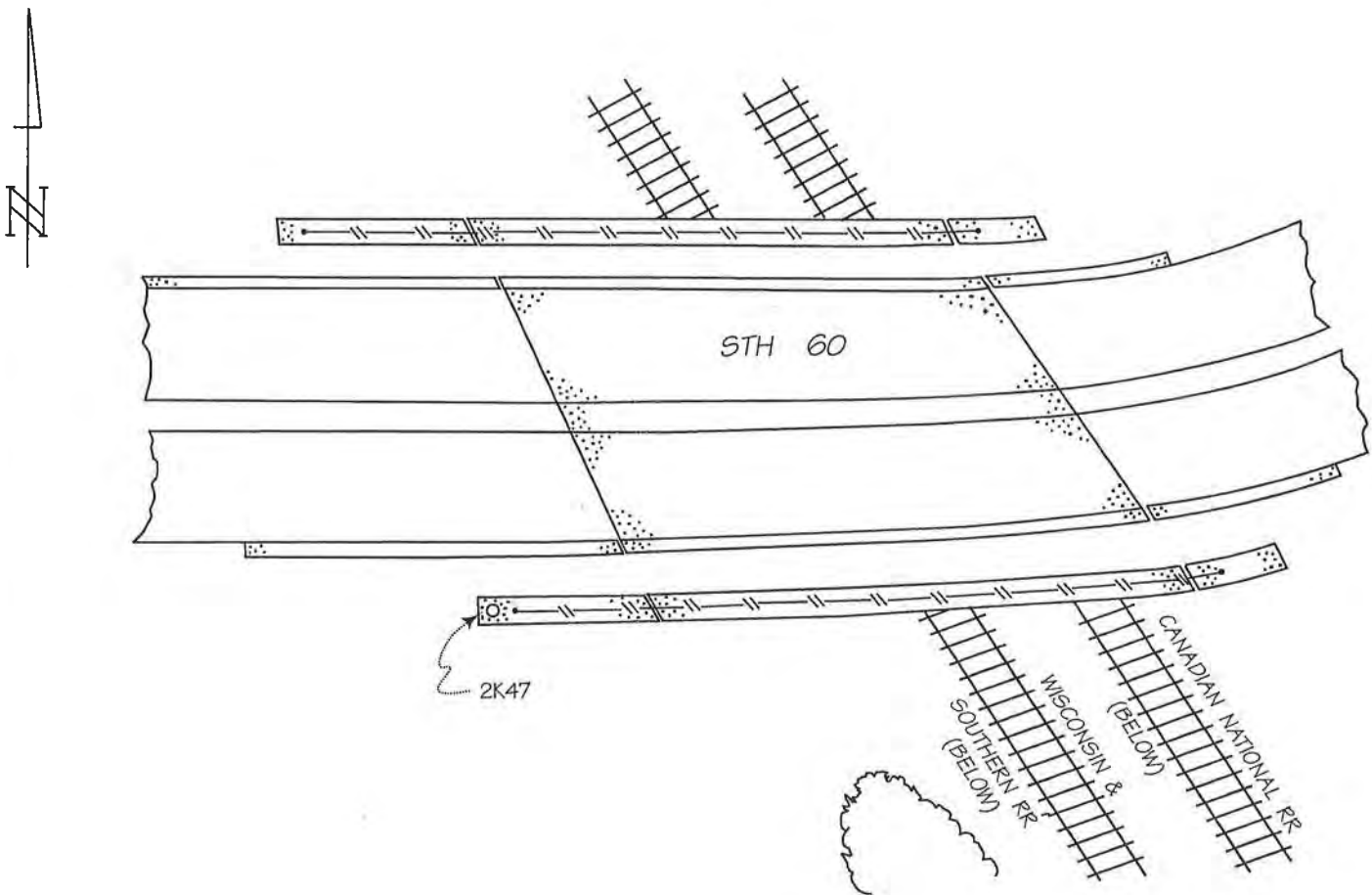
BM SET BY: WisDOT YEAR: 1999

BM CONTROL SURVEY BY: AERO-METRIC, INC. YEAR: 2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 2K47 is a WisDOT brass cap set in the top of the west end of the southwest concrete parapet wall of bridge No. B-66-100-90.

RECOVERED BY: SEWRPC DATE: 12 FEBRUARY 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 20 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 2K48 ELEVATION 1141.246

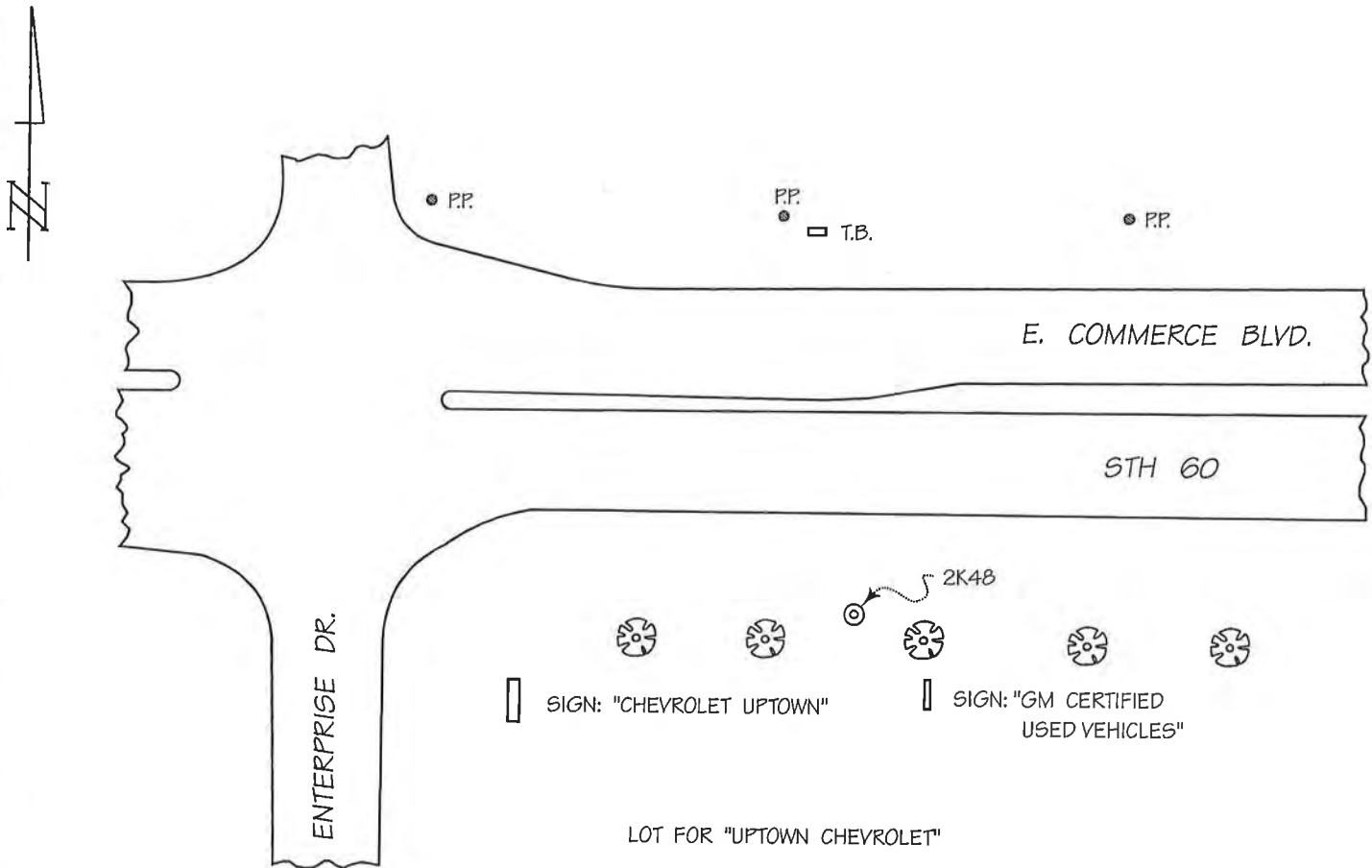
BM SET BY: WisDOT YEAR: 1999

BM CONTROL SURVEY BY: AERO-METRIC, INC. YEAR: 2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 2K48 is a concrete monument with WisDOT brass cap.

RECOVERED BY: SEWRPC DATE: 11 FEBRUARY 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 21 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: POLK C GPS ELEVATION 1113.537

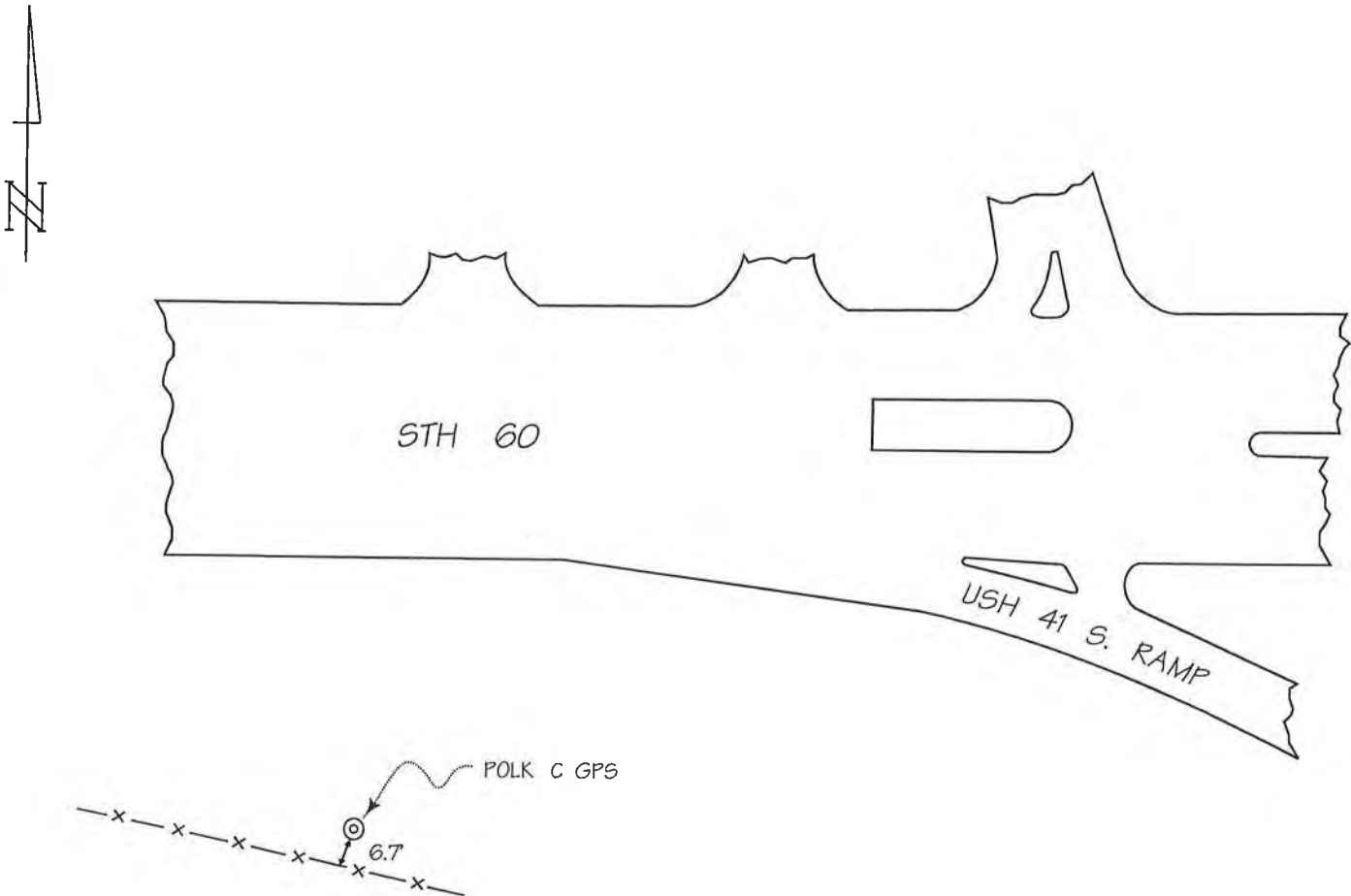
BM SET BY: WisDOT YEAR: 2000

BM CONTROL SURVEY BY: SEWRPC YEAR: 2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

POLK C GPS is a concrete monument with WisDOT brass cap.

RECOVERED BY: SEWRPC DATE: 11 AUGUST 2003

#98

3/18/20

#98 10-19

G-8

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Record	Notes
	2.650								
RBM	1.840	1.840	162				1066.748	1066.748	18" Maple
	1.030								
				1.860					
RBM				1.180	1.177	137	1067.411	1067.419	12" Elm
				0.490					
				6.830					
W.C.				6.510	6.513	63	1062.075	1062.1	Witness Monument 98-1
				6.200					
				13.965					
Set RBM				12.740	12.737	246	1055.851		Bolt on sign base
				11.505					
	5.390								
RBM	4.300	4.293	220				1066.748	1066.748	18" Maple
	3.190								
				5.650					
Set RBM				4.420	4.423	245	1066.618		36" Maple
				3.200					
RBM		6.261					1055.851		Bolt on sign base
W.C.					5.032		1057.080	1057.11	Witness Monument 98-2
TP 1		4.390			0.460		1061.652		Top of Wood Post
W.C.					7.805		1058.237	1058.29	Witness Monument 98-3
Set RBM					2.880		1063.162		9" tree
Set RBM					2.930		1063.112		8" Oak
W.C.					5.078		1060.964	1061.02	Witness Monument 98-4

Section 22

RECORD OF VERTICAL CONTROL STATION

SECTION 22 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 134 ELEVATION 1066.205

REFERENCE BENCH MARK NO.: 135 ELEVATION 1066.562

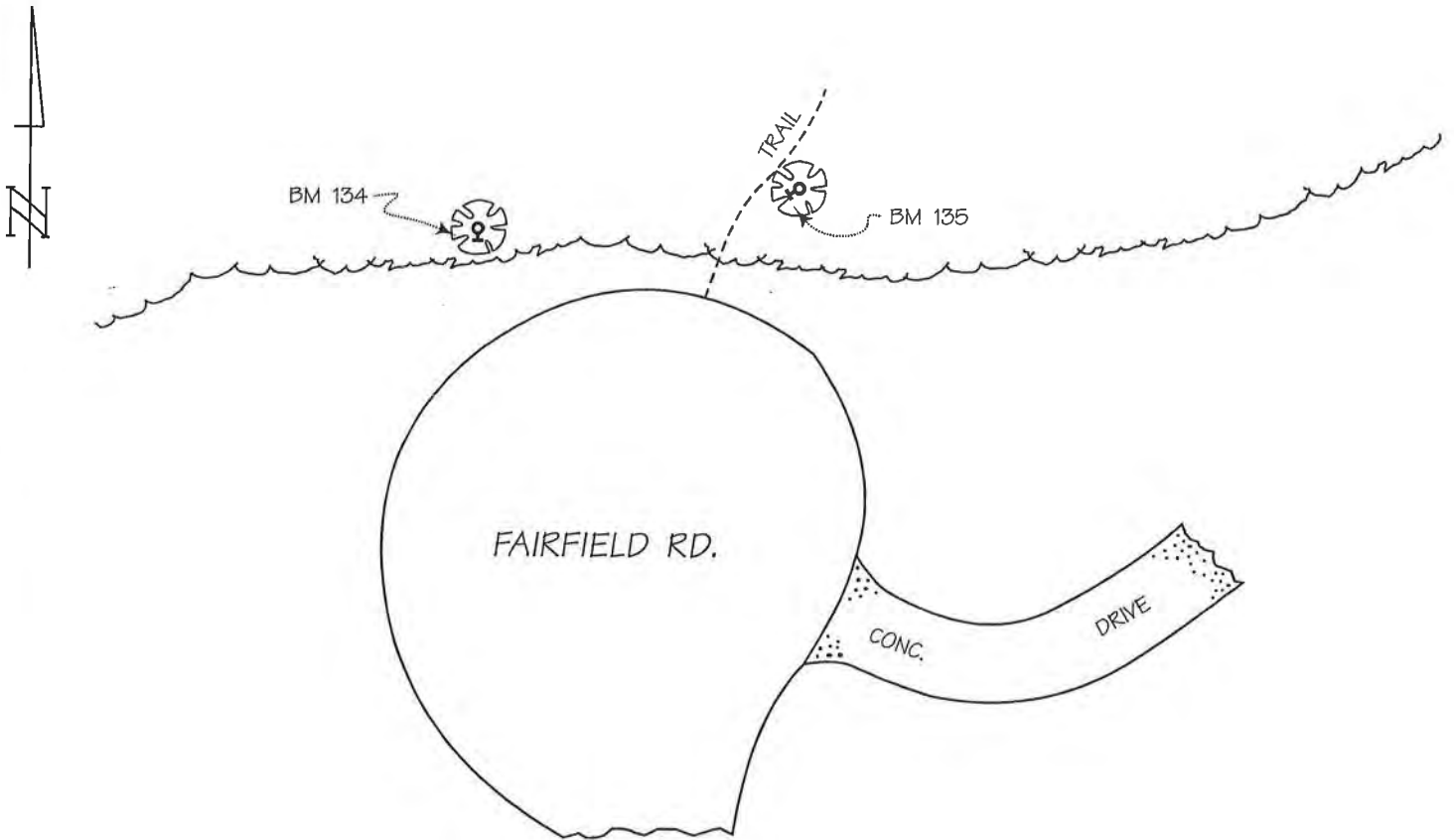
BM/RBM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC., INC. YEAR: 2000/2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

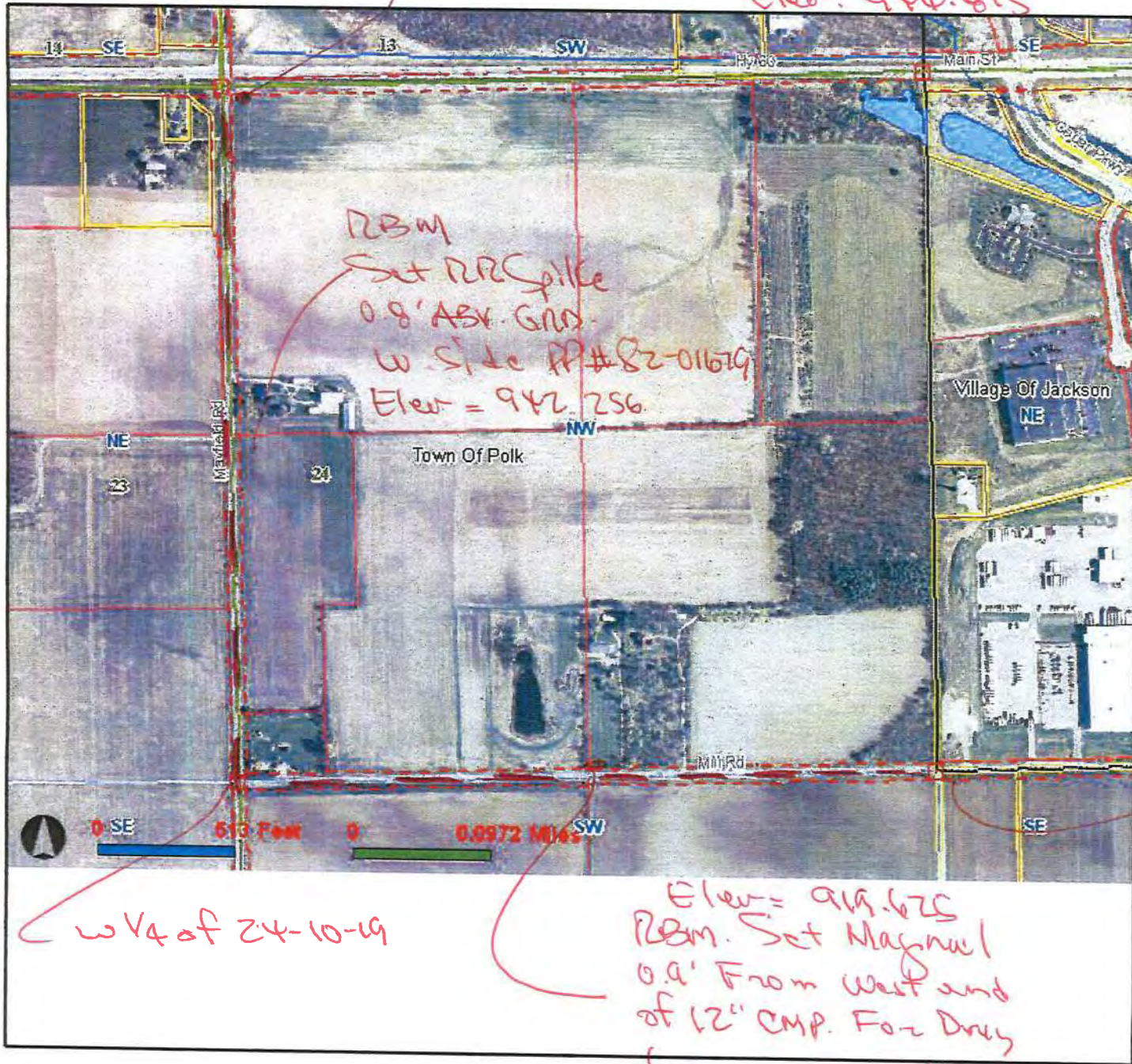
134 is a railroad spike set in the south face of a 20" dia. hickory tree, 0.8 ft. above grade.

125 is a railroad spike set in the southwest face of a 10" dia. ash tree, 1.0 ft. above grade.

RECOVERED BY: SEWRPC DATE: 3 OCTOBER 2003

Station Bm. RR Spike N. Face
PP# 99-05016 0.5' ASX. GRD
Elev. 944.815

102
103



Legend	
Blue	Water
Green	Forest
Yellow	Open Land
Grey	Urban
Red	Highway
Black	Other
White	Background



Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

Section 24

Route — — — —

center of 24-10-19

Three-Wire Leveling

3/18/2010 WDG

MONUMENT #102-#103

Point	BS (+) 4.74	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
RBM	4.57	4.567	35				944.815	944.815	944.815	FOUND RR SPIKE N FACE OF PP # 99-05016 0.5' ABV. GRD.
	4.39									
	9.205			8.95						
RBM	8.590	8.588	123.5	8.320	8.323	125	941.058	941.057	941.063	FOUND RR SPIKE E FACE PP # 99-06338 0.4' ABV. GRD.
	7.970			7.700						
	10.510			5.210						
MON	9.365	9.368	228	5.100	5.100	22	944.547	944.542	944.535	SOUTHEAST CORNER OF 14-10-19
	8.230			4.990						
	5.515			5.100						
TP 1	4.400	4.402	222.5	3.900	3.900	240	950.015	950.008		
	3.290			2.700						
	5.390			7.745						
TP 2	4.150	4.152	247.5	6.585	6.582	233	947.835	947.825		
	2.915			5.415						
	7.660			11.125						
SET RBM	7.525	7.525	27	9.715	9.718	281	942.268	942.256		SET RR SPIKE W FACE PP # 82-01679 0.8' ABV. GRD.
	7.390			8.315						
	3.065			10.170						
TP 3	1.880	1.882	236.5	9.050	9.050	224	940.743	940.728		
	0.700			7.930						
	6.090			9.165						
TP 4	5.000	4.997	219	7.920	7.912	251.5	934.713	934.696		
	3.900			6.650						
	5.480			6.875						
MON	5.335	5.333	29.5	5.650	5.647	246	934.063	934.043	934.005	W 1/4 CORNER OF 24-10-19
	5.185			4.415						
	3.075			7.260						
RBM	2.610	2.610	93	7.100	7.100	32	932.297	932.275	932.245	FD. RR SPIKE NE FACE PP # 82-01685 0.7' ABV. GRD.
	2.145			6.940						
	3.135			2.945						
RBM	2.540	2.540	119	2.345	2.347	119.5	932.560	932.535		SET RR SPIKE W FACE PP # 82-01678 AT GRD.
	1.945			1.750						
	2.765			5.440						

Three-Wire Leveling

3/18/2010 WDG

MONUMENT #102-#103

Point	BS (+) 4.74	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 5	1.500	1.498	253.5	4.705	4.705	147	930.395	930.368		
	0.230			3.970						
	2.825			8.665						
TP 6	1.445	1.447	275.5	7.405	7.405	252	924.488	924.458		
	0.070			6.145						
	7.760			9.045						
TP 7	6.725	6.728	206	7.925	7.925	224	918.010	917.978		
	5.700			6.805						
	4.900			6.475						
SET RBM	4.045	4.045	171	5.080	5.078	279.5	919.660	919.625		SET MAG-NAIL 0.9' FROM WEST END OF 12" CMP FOR DWY #3210 MILL RD.
	3.190			3.680						
	4.410			11.665						
TP 8	3.185	3.187	244.5	10.410	10.407	252	913.298	913.261		
	1.965			9.145						
	4.555			12.015						
SET RBM	4.360	4.360	39	10.770	10.773	248	905.712	905.672		SET RR SPIKE S FACE 12" ASH TREE AT GRD.
	4.165			9.535						
	3.680			5.150						
RBM	3.425	3.425	51	4.830	4.830	64	905.242	905.2	905.244	FD RR SPIKE SW FACE SW STEM TRIPLE 12" BOX ELDER, 1.4' ABV. GRD.
	3.170			4.510						
	5.590			5.980						
MON	5.440	5.443	29	5.845	5.845	27	902.822	902.777	902.569	CENTER OF 24-10-19
	5.300			5.710						
	14.065			5.220						
RBM	12.685	12.685	276	5.050	5.048	34.5	903.217	903.17	903.171	FD RR SPIKE N FACE PP # 76-7922 1.0' ABV. GRD.
	11.305			4.875						
	11.215			4.115						
TP 9	10.000	10.000	243	2.875	2.875	248	913.027	912.977		
	8.785			1.635						
	6.500			4.380						
(SET RBM)	5.290	5.293	241	3.350	3.347	207	919.680	919.628		SET MAG-NAIL 0.9' FROM WEST END OF 12" CMP FOR DWY #3210 MILL RD.
	4.090			2.310						
	9.855			8.215						

Three-Wire Leveling

3/18/2010 WDG

MONUMENT #102-#103

Point	BS (+) 4.74	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
TP 10	8.560	8.557	260	7.020	7.018	239.5	917.955	917.9		
	7.255			5.820						
	8.825			3.215						
TP 11	7.435	7.435	278	2.025	2.025	238	924.487	924.43		
	6.045			0.835						
	7.930			2.640						
TP 12	7.525	7.527	80.5	1.445	1.445	239	930.477	930.417		
	7.125			0.250						
	7.025			4.330						
MON	5.825	5.823	240.5	3.890	3.890	88	934.113	934.051	934.005	W 1/4 CORNER OF 24-10-19
	4.620			3.450						
	9.280			6.220						
TP 13	8.035	8.037	248.5	5.005	5.008	242	934.928	934.863		
	6.795			3.800						
	7.820			2.965						
TP 14	7.310	7.310	102	1.735	1.738	245	941.227	941.16		
	6.800			0.515						
	9.495			6.780						
(SET RBM)	8.575	8.575	184	6.200	6.200	116	942.337	942.267		SET RR SPIKE W FACE PP # 82-01679 0.8' ABV. GRD.
	7.655			5.620						
	7.980			4.820						
TP 15	6.865	6.865	223	3.870	3.872	189.5	947.040	946.968		
	5.750			2.925						
	6.935			5.500						
TP 16	5.760	5.760	235	4.340	4.338	232.5	949.567	949.492		
	4.585			3.175						
	4.905			9.095						
TP 17	4.385	4.385	104	7.930	7.930	233	947.397	947.321		
	3.865			6.765						
				7.135						
RBM				6.890	6.888	49.5	944.893	944.815	944.815	FOUND RR SPIKE N FACE OF PP # 99- 05016 0.5' ABV. GRD.
				6.640						
		184.3483				184.270				

Three-Wire leveling

12/18/2009

MJD

MONUMENT #129

L-10

10-19

Point	BS (+) 7.33	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Elevation	Record	Notes
RBM	6.715	6.717	122.5				867.856	867.856	867.856	FD RR SPIKE W. FACE 32" ASH 0.5' ABV. GRD.
	6.105									
	16.785			1.675						
TP1	15.730	15.730	211	1.075	1.075	120	873.498	873.498		
	14.675			0.475						
	10.265			2.835						
TP 2	9.395	9.393	174.5	1.830	1.830	201	887.398	887.397		
	8.520			0.825						
	7.035			1.970						
TP 3	6.700	6.697	68	1.305	1.303	133.5	895.488	895.486		
	6.355			0.635						
	5.960			3.115						
MON	5.895	5.893	13.5	2.795	2.797	63.5	899.388	899.386		
	5.825			2.480						
	3.925			4.685						
SET RBM	3.830	3.832	18.5	4.630	4.630	11	900.651	900.648		FD IRON ROD WITH PLASTIC CAP E. SIDE OF POST WITH PETROLEUM PIPELINE SIGN
	3.740			4.575						
	6.810			6.545						
SET RBM	6.700	6.702	21.5	6.450	6.448	19.5	898.034	898.031		FD 3/4" X30" REBAR WITH ORANGE PLASTIC CAP STAMPED "WASHINGTON COUNTY" NORTH OF THIRD PINE
	6.595			6.350						
	3.055			5.455						
MON	2.715	2.715	68	5.355	5.357	19.5	899.379	899.375		
	2.375			5.260						
	2.830			7.165						
TP 4	2.355	2.353	95.5	6.830	6.827	68	895.268	895.264		
	1.875			6.485						
	1.930			7.995						
TP5	1.375	1.373	111.5	7.450	7.450	109	890.171	890.166		
	0.815			6.905						
	2.315			9.295						
TP 6	1.885	1.885	86	8.710	8.710	117	882.834	882.829		
	1.455			8.125						
	3.785			9.325						

SECTION 25

Three-Wire leveling

12/18/2009 MJD

MONUMENT #129

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Elevation	Record	Notes
	7.33									
TP 7	3.290	3.290	99	8.710	8.707	124	876.013	876.007		
	2.795			8.085						
	3.925			8.525						
TP 8	3.530	3.530	79	8.080	8.080	89	871.223	871.217		
	3.135			7.635						
				7.335						
RBM				6.890	6.890	89	867.863	867.856	867.856	
				6.445						
		70.110				70.103				

RECORD OF VERTICAL CONTROL STATION

SECTION 25 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: JACKSON GPS ELEVATION 864.503

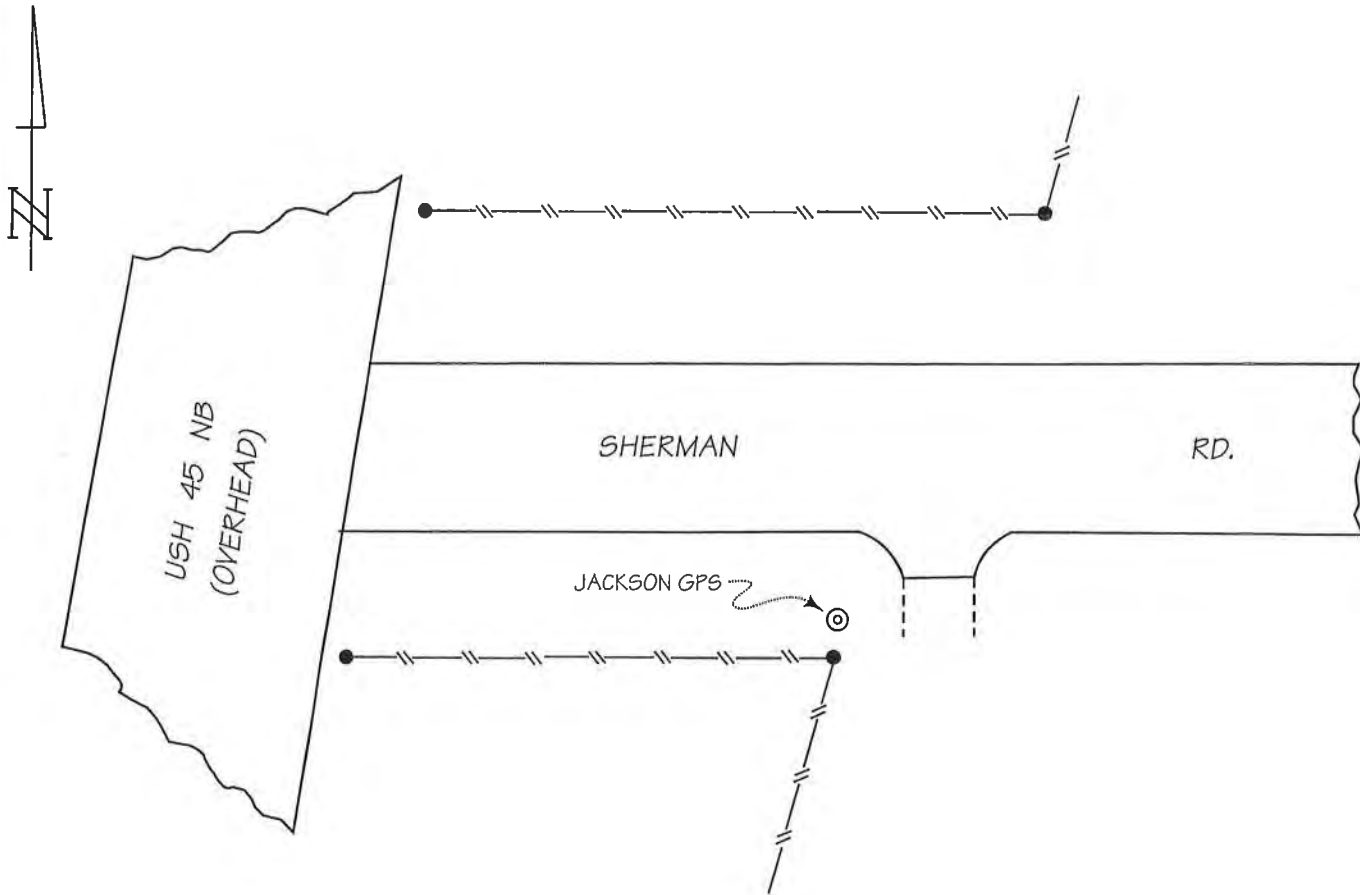
BM SET BY: WisDOT YEAR: 1999

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

JACKSON GPS is a concrete monument with WisDOT brass cap.

RECOVERED BY: SEWRPC

DATE: 11 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 25 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 2X45 ELEVATION 936.757

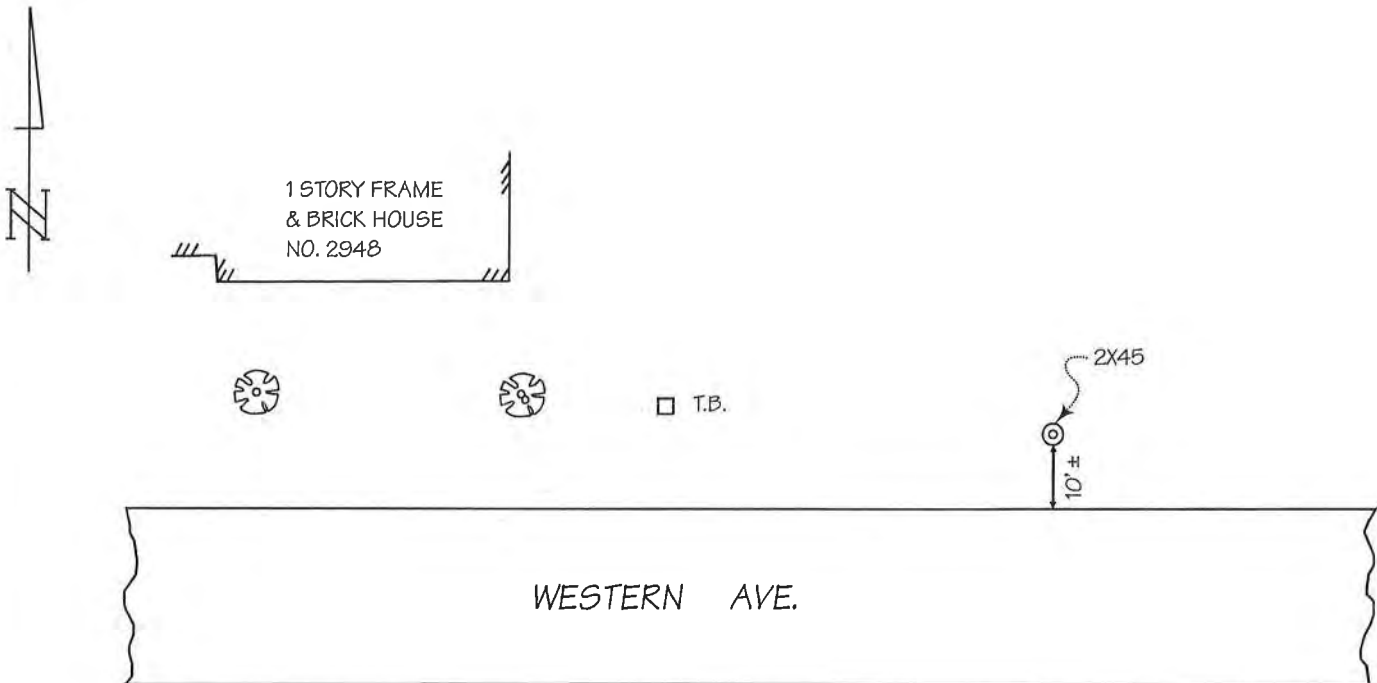
BM SET BY: WisDOT YEAR: 1999

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



• P.P. NO. 84-04762

P.P. NO. 84-04763 •

DETAILED DESCRIPTION:

2X45 is a concrete monument with WisDOT brass cap located approximately 0.1 mile west of CTH P.

RECOVERED BY: SEWRPC DATE: 11 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 25 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 152 ELEVATION 945.742

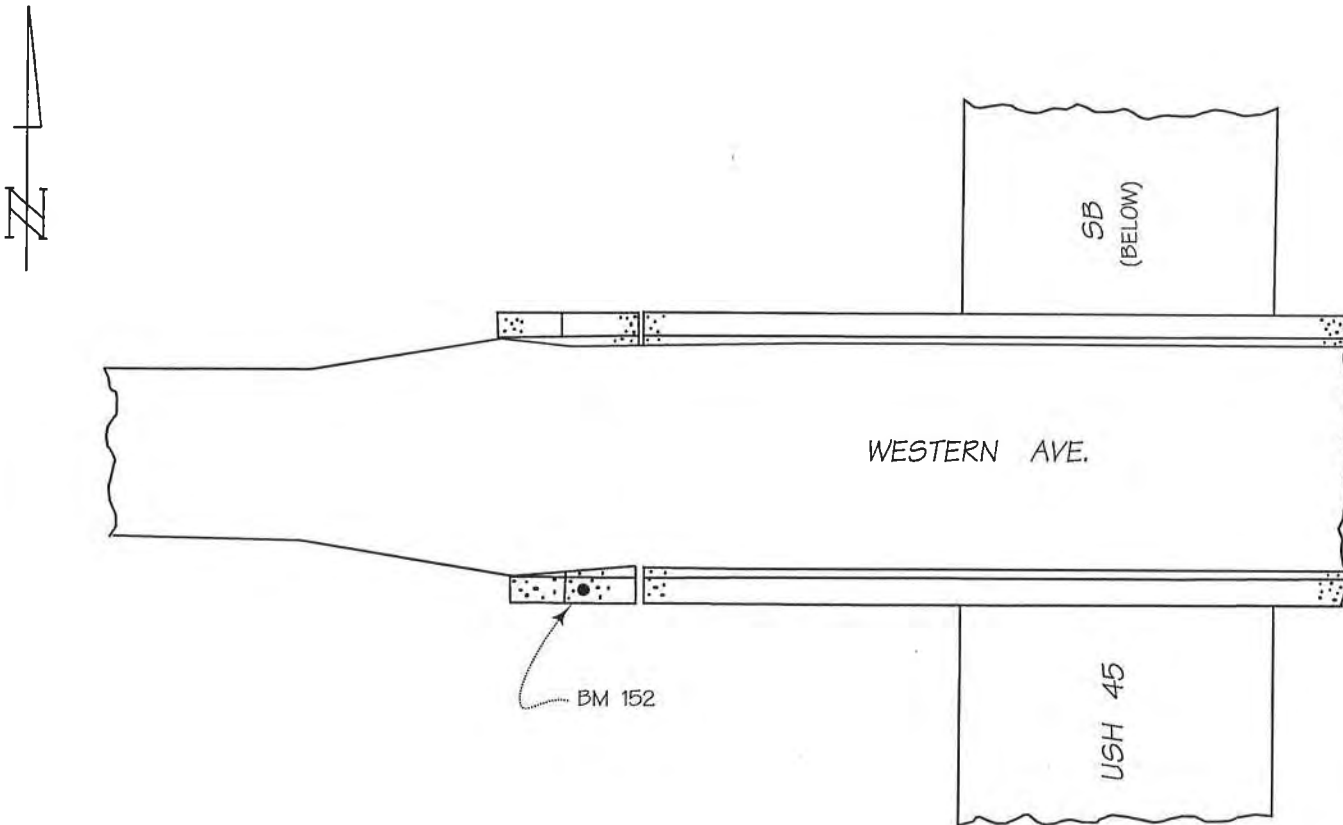
BM SET BY: WISDOT YEAR: 1984

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

152 is a WisDOT aluminum cap set in the top of the concrete parapet wall of bridge No. B-66-46-84, 2.7 ft. above the roadway surface.

RECOVERED BY: SEWRPC DATE: 18 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 26 & 27 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 131 ELEVATION 970.760

REFERENCE BENCH MARK NO.: 132 ELEVATION 974.750

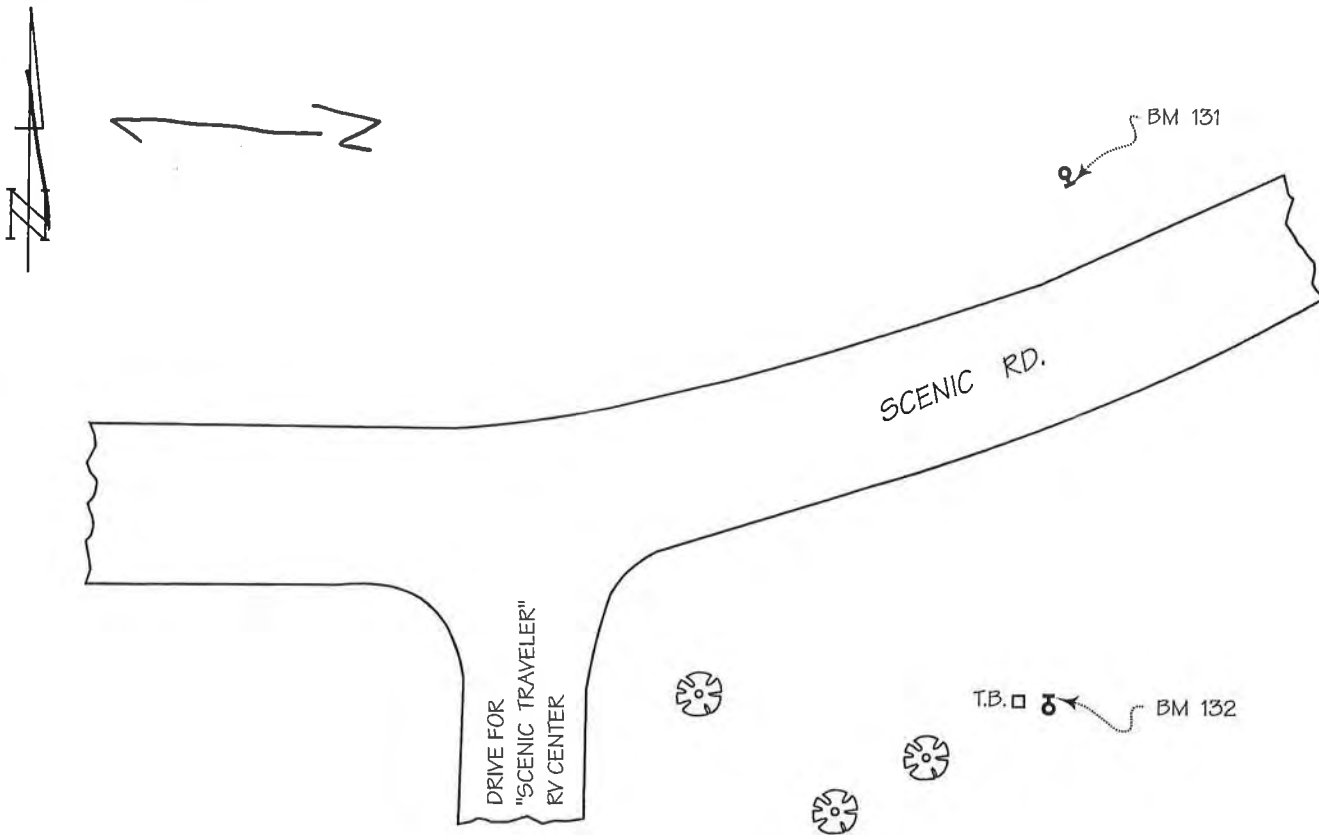
BM /RBM SET BY: KAPUR & ASSOC., INC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: SEWRPC/KAPUR & ASSOC., INC. YEAR: 2004/2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark 131 is a railroad spike set in the southwest face of power pole No. E64-12499, 0.9 ft. above grade.

Reference benchmark 132 is a railroad spike set in the east face of power pole No. E64-12493, 0.7 ft. above grade.

The benchmark and reference benchmark are located approximately 0.1 mile north of USH 41.

RECOVERED BY: SEWRPC DATE: 12 MAY 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 27 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 127 ELEVATION 991.192

REFERENCE BENCH MARK NO.: 128 ELEVATION 989.073

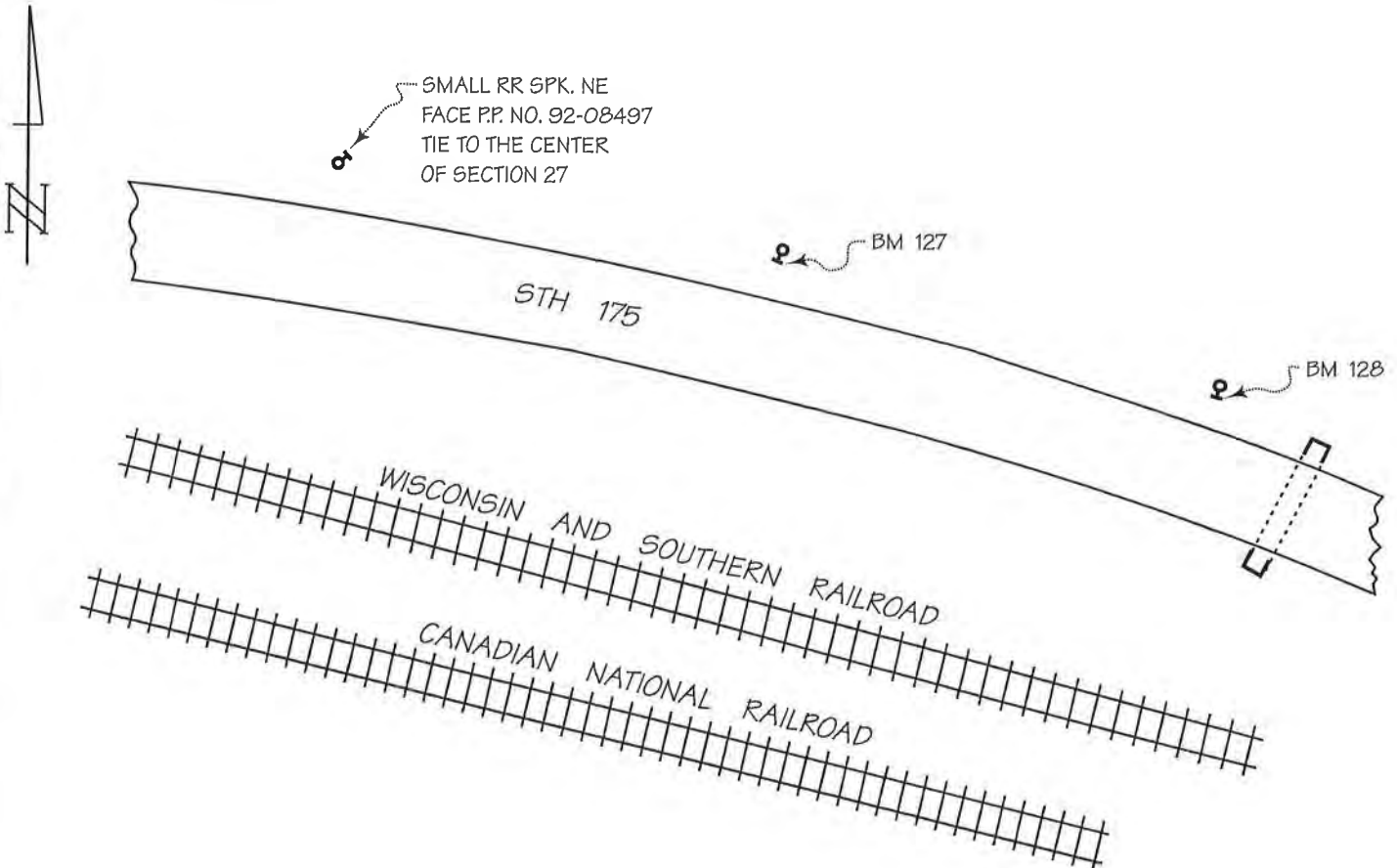
BM/RBM SET BY: KAPUR & ASSOC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

127 is a railroad spike set in the southwest face of powerpole No. 92-08496, 0.7 ft. above grade.

128 is a railroad spike set in the southwest face of powerpole No. 92-03117, 0.8 ft. above grade.

RECOVERED BY: SEWRPC DATE: 10 APRIL 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 27 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 149 ELEVATION 1006.109

REFERENCE BENCH MARK NO.: 150 ELEVATION 1021.851

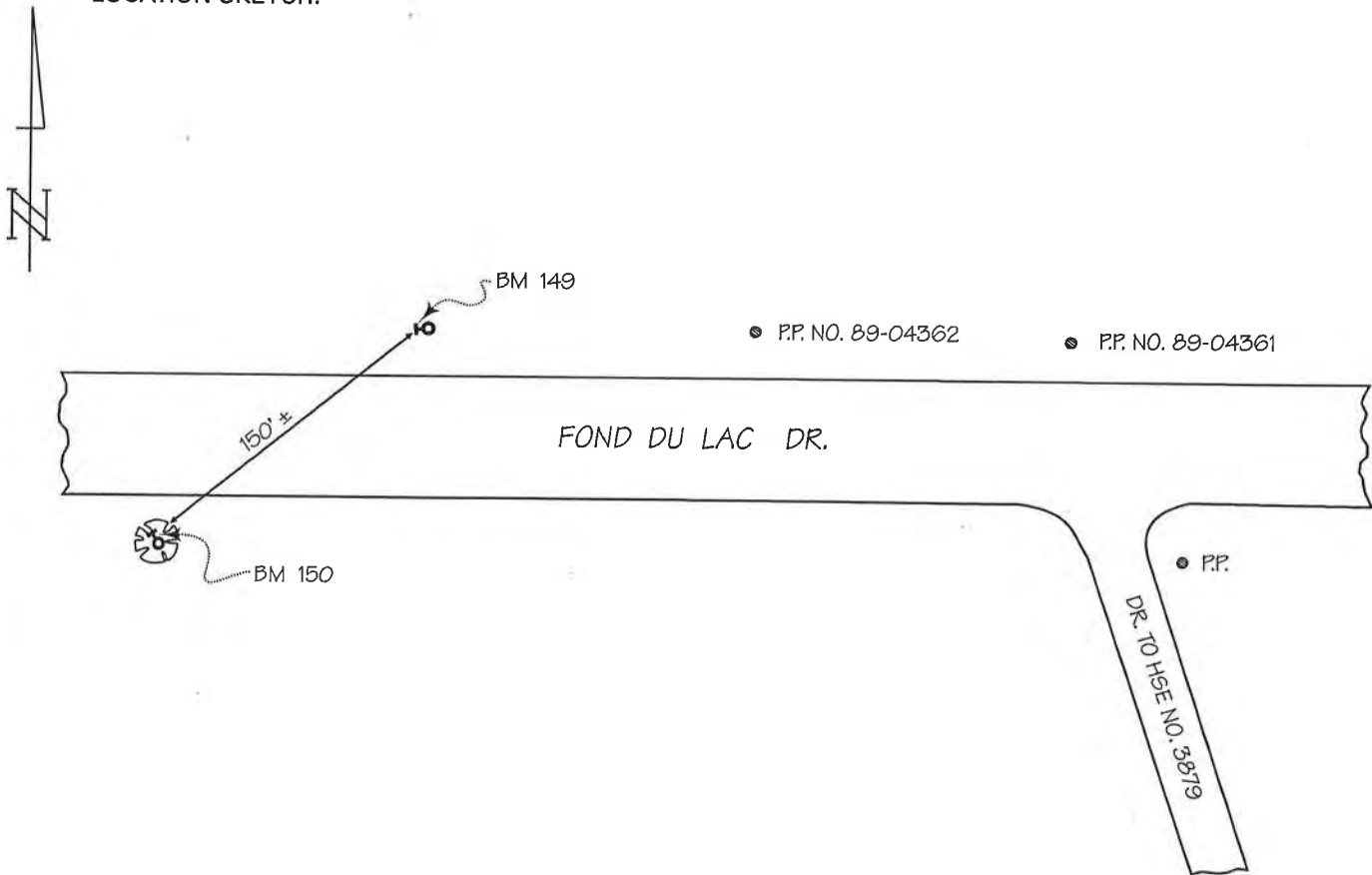
BM /RBM SET BY: KAPUR & ASSOC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

149 is a railroad spike set in the northwest face of powerpole No. 87-11767, 1.0 ft. above grade.

150 is a railroad spike set in the north face of a 12-inch-diameter elm, 0.9 ft. above grade.

RECOVERED BY: SEWRPC DATE: 10 APRIL 2003

Three-Wire Leveling

5/12/2010 WDG

MONUMENT #122

10-19

Point	BS (+) 4.77	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
RBM	4.665	4.665	21				1016.283	1016.283	1016.283	FD. RR SPIKE N. FACE 48" OAK AT GRD.
	4.560									
	6.190			1.390						
RBM	6.020	6.020	34	1.255	1.255	27	1019.693	1019.693	1019.693	FD. RR SPIKE N. FACE PP # 93-05921 0.3' ABV. GD.
	5.850			1.120						
	5.635			7.515						
TP 1	5.065	5.063	114.5	7.235	7.235	56	1018.478	1018.478		
	4.490			6.955						
	9.145			8.060						
MON	8.580	8.578	113.5	7.605	7.608	90	1015.933	1015.933		SW CORNER OF 28-10-19
	8.010			7.160						
	12.065			1.330						
TP 2	11.505	11.503	112.5	0.860	0.857	95	1023.655	1023.655		
	10.940			0.380						
	16.080			1.280						
TP 3	15.205	15.203	175.5	0.920	0.920	72	1034.238	1034.238		
	14.325			0.560						
	13.705			1.265						
TP 4	12.760	12.760	189	0.750	0.750	103	1048.691	1048.691		
	11.815			0.235						
	9.755			3.690						
SET RBM	8.990	8.988	153.5	2.955	2.955	147	1058.496	1058.496		SET RR SPIKE IN E. FACE OF PP #78- 7317 - 1.0' ABV. GRD. (WEST SIDE OF STH 164)
	8.220			2.220						
	7.935			5.630						
TP 5	6.920	6.918	203.5	4.840	4.842	157.5	1062.643	1062.643		
	5.900			4.055						
	14.195			3.195						
TP 6	13.335	13.333	172.5	2.050	2.047	230	1067.515	1067.515		
	12.470			0.895						
	13.090			1.130						
TP 7	12.450	12.453	127	0.660	0.660	94	1080.188	1080.188		
	11.820			0.190						
	13.800			1.350						
TP 8	12.710	12.712	217.5	0.820	0.820	106	1091.821	1091.821		

Three-Wire Leveling

5/12/2010 WDG

MONUMENT #122

Point	BS (+) 4.77	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	11.625			0.290						
	7.110			4.790						
SET RBM	6.860	6.857	51	3.775	3.775	203	1100.758	1100.758		FD CONC. WIT. MON WITH ALUM. CAP - NE OF CORNER
	6.600			2.760						
	7.650			7.570						
SET RBM	7.210	7.210	88	7.130	7.130	88	1100.485	1100.485		SET SPINDLE SPIKE IN N. FACE OF 12" HICKORY 0.5' ABV. GRD.
	6.770			6.690						
	2.860			6.145						
MON	1.770	1.767	219	5.910	5.907	48	1101.788	1101.788	1101.750	W 1/4 CORNER OF 28-10-19
	0.670			5.665						
	1.535			14.900						
TP 9	1.050	1.052	96.5	13.805	13.807	218.5	1089.748	1089.748		
	0.570			12.715						
	1.120			11.070						
TP 10	0.655	0.655	93	10.630	10.630	88	1080.170	1080.170		
	0.190			10.190						
	2.460			11.070						
TP 11	1.730	1.733	145	10.585	10.585	97	1070.240	1070.240		
	1.010			10.100						
	5.600			8.600						
TP 12	4.510	4.510	218	7.870	7.867	147	1064.106	1064.106		
	3.420			7.130						
	5.090			8.615						
TP 13	4.825	4.825	53	7.560	7.558	211.5	1061.058	1061.058		
	4.560			6.500						
	4.370			7.710						
(SET BM)	3.740	3.743	125	7.400	7.403	61	1058.480	1058.480		SET RR SPIKE IN E. FACE OF PP #78- 7317 - 1.0' ABV. GRD. (WEST SIDE OF STH 164)
	3.120			7.100						
	1.540			10.780						
TP 14	0.975	0.975	113	10.140	10.137	129	1052.086	1052.086		
	0.410			9.490						
	1.400			11.850						
TP 15	0.955	0.955	89	11.290	11.287	113	1041.775	1041.775		
	0.510			10.720						

Three-Wire Leveling

5/12/2010 WDG

MONUMENT #122

Point	BS (+) 4.77	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	1.060			11.260						
TP 16	0.605	0.605	91	10.830	10.828	86.5	1031.901	1031.901		
	0.150			10.395						
	1.210			14.000						
TP 17	0.700	0.702	101.5	13.290	13.290	142	1019.216	1019.216		
	0.195			12.580						
				4.180						
RBM				3.635	3.635	109	1016.283	1016.283		FD. RR SPIKE N. FACE 48" OAK AT GRD.
				3.090						
		153.787				153.787				

RECORD OF VERTICAL CONTROL STATION

SECTION 29 & 32 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: MRK-63 RESET ELEVATION 1043.012

REFERENCE BENCH MARK NO.: RRK-63 ELEVATION 1037.725

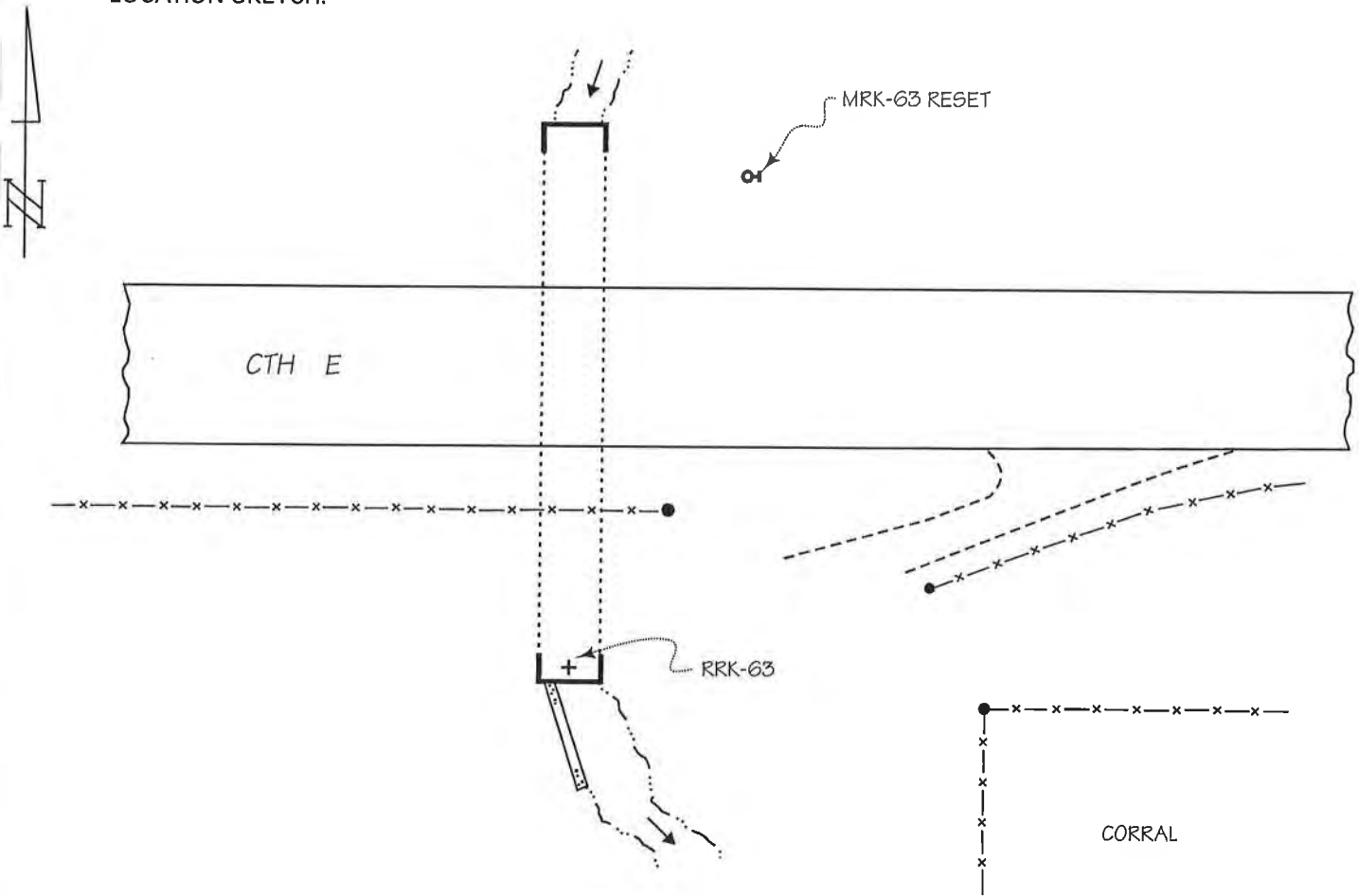
BM/RBM SET BY: SEWRPC/ALSTER & ASSOC., INC. YEAR: 2004/1977

BM/RBM CONTROL SURVEY BY: SEWRPC YEAR: 2004

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

MRK-63 RESET is a railroad spike found in the east face of power pole No. 79-10501, 2.2 ft. above grade.

RRK-63 is a chiseled cross found in the top of a 72-inch-diameter CMCP, 0.2 ft. north of south end.

RECOVERED BY: SEWRPC DATE: 17 MAY 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 29 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: SS-03-27 ELEVATION 1086.227

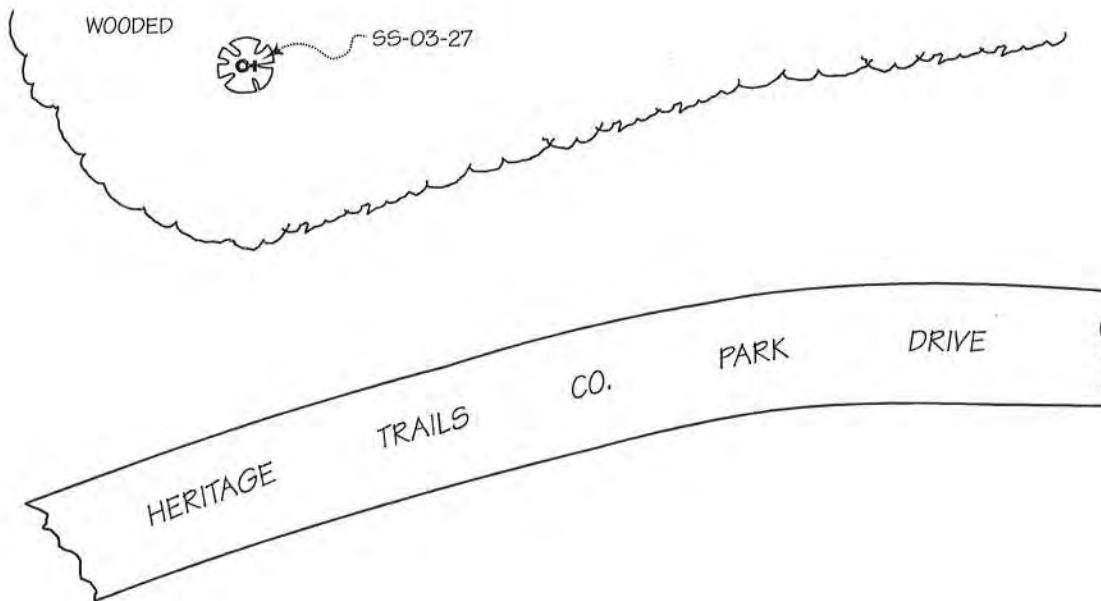
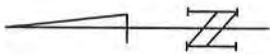
BM SET BY: SEWRPC YEAR: 2003

BM CONTROL SURVEY BY: SEWRPC YEAR: 2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

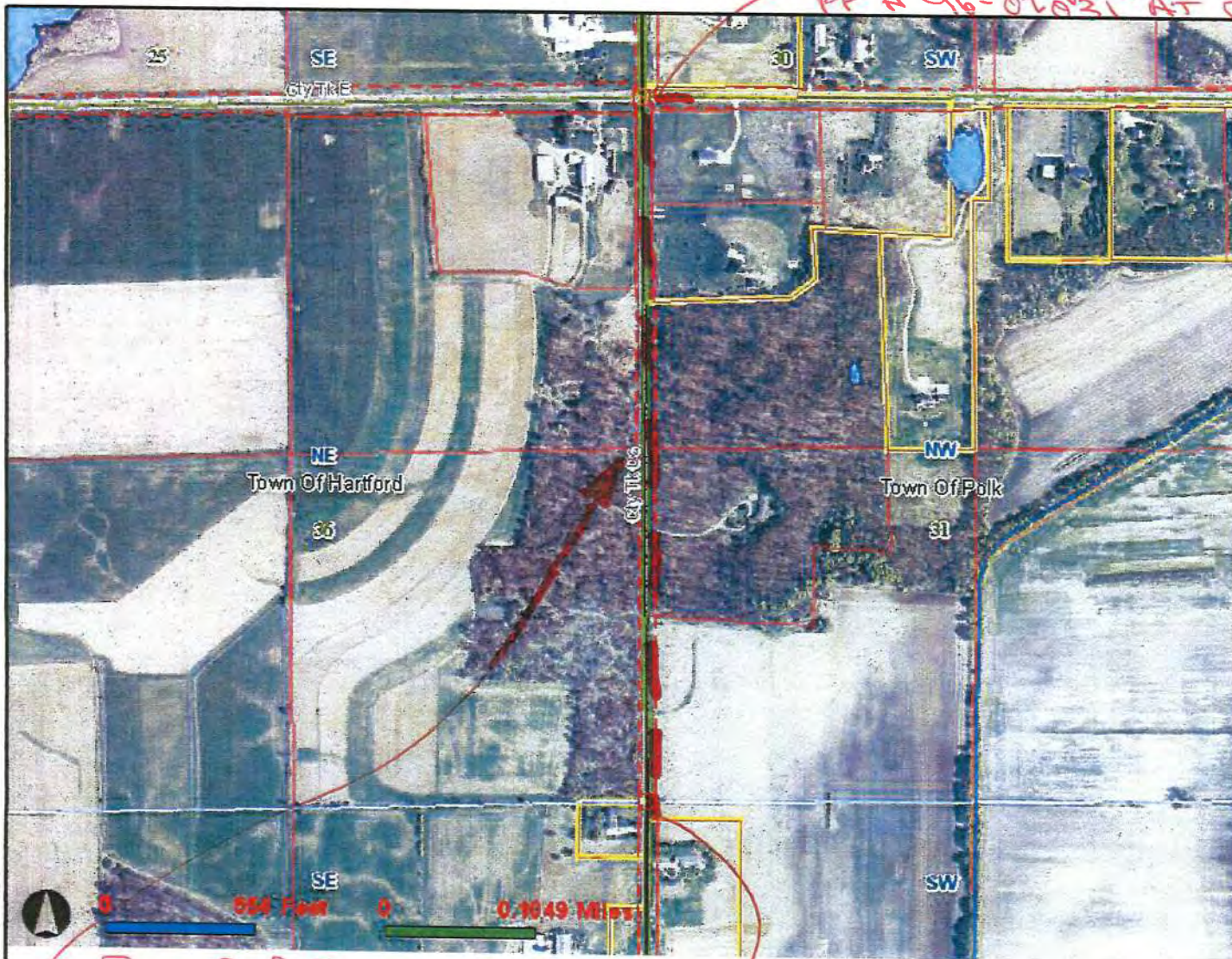
SS-03-27 is a railroad spike set in the south face of an 18-inch-hickory, 0.3 ft. above grade. The benchmark is located approximately 100 ft. south of the southeast corner of a parking lot, approximately 100 ft. east of the park drive, and approximately 200 ft. north of the east-west one-quarter line of Section 29.

RECOVERED BY: SEWRPC DATE: 12 MAY 2004

Washington County, WI GIS Map

STARTING RBM.
 PP # 916-07031 AT SWD. ELEV = 1100.881
 FD RR Spike NW FACE

#144



LEGEND	
Water	Blue
PLS Level 100m	Light Blue
PLS Level 200m	Light Blue
PLS Level 300m	Light Blue
PLS Level 400m	Light Blue
PLS Level 500m	Light Blue
PLS Level 600m	Light Blue
PLS Level 700m	Light Blue
PLS Level 800m	Light Blue
PLS Level 900m	Light Blue
PLS Level 1000m	Light Blue
PLS Level 1100m	Light Blue
PLS Level 1200m	Light Blue
PLS Level 1300m	Light Blue
PLS Level 1400m	Light Blue
PLS Level 1500m	Light Blue
PLS Level 1600m	Light Blue
PLS Level 1700m	Light Blue
PLS Level 1800m	Light Blue
PLS Level 1900m	Light Blue
PLS Level 2000m	Light Blue
PLS Level 2100m	Light Blue
PLS Level 2200m	Light Blue
PLS Level 2300m	Light Blue
PLS Level 2400m	Light Blue
PLS Level 2500m	Light Blue
PLS Level 2600m	Light Blue
PLS Level 2700m	Light Blue
PLS Level 2800m	Light Blue
PLS Level 2900m	Light Blue
PLS Level 3000m	Light Blue
PLS Level 3100m	Light Blue
PLS Level 3200m	Light Blue
PLS Level 3300m	Light Blue
PLS Level 3400m	Light Blue
PLS Level 3500m	Light Blue
PLS Level 3600m	Light Blue
PLS Level 3700m	Light Blue
PLS Level 3800m	Light Blue
PLS Level 3900m	Light Blue
PLS Level 4000m	Light Blue
PLS Level 4100m	Light Blue
PLS Level 4200m	Light Blue
PLS Level 4300m	Light Blue
PLS Level 4400m	Light Blue
PLS Level 4500m	Light Blue
PLS Level 4600m	Light Blue
PLS Level 4700m	Light Blue
PLS Level 4800m	Light Blue
PLS Level 4900m	Light Blue
PLS Level 5000m	Light Blue
PLS Level 5100m	Light Blue
PLS Level 5200m	Light Blue
PLS Level 5300m	Light Blue
PLS Level 5400m	Light Blue
PLS Level 5500m	Light Blue
PLS Level 5600m	Light Blue
PLS Level 5700m	Light Blue
PLS Level 5800m	Light Blue
PLS Level 5900m	Light Blue
PLS Level 6000m	Light Blue
PLS Level 6100m	Light Blue
PLS Level 6200m	Light Blue
PLS Level 6300m	Light Blue
PLS Level 6400m	Light Blue
PLS Level 6500m	Light Blue
PLS Level 6600m	Light Blue
PLS Level 6700m	Light Blue
PLS Level 6800m	Light Blue
PLS Level 6900m	Light Blue
PLS Level 7000m	Light Blue
PLS Level 7100m	Light Blue
PLS Level 7200m	Light Blue
PLS Level 7300m	Light Blue
PLS Level 7400m	Light Blue
PLS Level 7500m	Light Blue
PLS Level 7600m	Light Blue
PLS Level 7700m	Light Blue
PLS Level 7800m	Light Blue
PLS Level 7900m	Light Blue
PLS Level 8000m	Light Blue
PLS Level 8100m	Light Blue
PLS Level 8200m	Light Blue
PLS Level 8300m	Light Blue
PLS Level 8400m	Light Blue
PLS Level 8500m	Light Blue
PLS Level 8600m	Light Blue
PLS Level 8700m	Light Blue
PLS Level 8800m	Light Blue
PLS Level 8900m	Light Blue
PLS Level 9000m	Light Blue
PLS Level 9100m	Light Blue
PLS Level 9200m	Light Blue
PLS Level 9300m	Light Blue
PLS Level 9400m	Light Blue
PLS Level 9500m	Light Blue
PLS Level 9600m	Light Blue
PLS Level 9700m	Light Blue
PLS Level 9800m	Light Blue
PLS Level 9900m	Light Blue
PLS Level 10000m	Light Blue



Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

Route

SECTION 31

Set Ref BM.
 RR Spike N-Face of
 24" Oak 1.0° ASU SWD.
 West side of 274" CC
 165' N of Driveway to #2780

1/4 corner of
 31-10-19

R. .1

Three-Wire Leveling

3/22/2010 JKT

MONUMENT #144 10-19

A-12

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	9.935									
RBM	8.968	8.968	193.25				1100.881	1100.881	1100.881	FD. RR SPIKE NW FACE OF PP # 96-02031 AT GRD.
	8.003									
	1.740			12.220						
RBM	1.490	1.492	49.5	11.185	11.185	207	1098.664	1098.664	1098.67	FD. RR SPIKE W FACE OF PP # 35-7 0.1' ABV. GRD.
	1.245			10.150						
	1.270			7.813						
TP 1	0.805	0.804	93.25	7.595	7.590	45	1092.566	1092.566		
	0.338			7.363						
	2.005			9.988						
TP 2	1.528	1.527	95.75	9.470	9.472	103	1083.899	1083.900		
	1.048			8.958						
	4.590			8.890						
TP 3	3.925	3.926	132.75	8.345	8.347	108.5	1077.079	1077.080		
	3.263			7.805						
	6.385			4.808						
TP 4	6.000	5.998	77.5	4.028	4.027	156.25	1076.978	1076.980		
	5.610			3.245						
	9.885			3.910						
TP 5	9.380	9.382	100.5	3.530	3.532	75.5	1079.444	1079.446		
	8.880			3.155						
	5.485			2.080						
TP 6	5.370	5.370	23	1.460	1.460	124	1087.366	1087.368		
	5.255			0.840						
	4.258			3.430						
SET RBM	3.900	3.899	71.75	3.308	3.307	24.75	1089.429	1089.431		SET RR SPIKE IN N FACE OF 24" OAK 1.0' ABV. GRD. (165' NORTH OF DRIVEWAY TO #2780 AND ON WEST SIDE OF ROADWAY
	3.540			3.183						
	3.280			5.018						
TP 7	2.540	2.537	149	4.613	4.615	80.25	1088.714	1088.717		
	1.790			4.215						
	3.165			10.185						
TP 8	2.685	2.687	95.5	9.408	9.409	155	1081.841	1081.844		
	2.210			8.635						
	4.445			7.895						
TP 9	3.540	3.540	181	7.410	7.408	97.5	1077.119	1077.123		

Three-Wire Leveling

3/22/2010 JKT

MONUMENT #144

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	2.635			6.920						
	8.725			5.395						
TP 10	8.050	8.048	135.5	4.493	4.492	180.75	1076.168	1076.173		
	7.370			3.588						
	4.860			3.063						
TP 11	4.650	4.651	41.75	2.360	2.362	140	1081.854	1081.861		
	4.443			1.663						
				5.277						
MON			27	5.170	5.170	21.5	1081.336	1081.342	1081.096	W 1/4 CORNER OF 31-10-19
				5.062						
				4.000						
RBM			27	3.830	3.830	34	1082.675	1082.681	1082.708	FD RR SPIKE IN N FACE OF 18" MAPLE STUMP 0.3' ABV. GRD.
				3.660						
	7.635			4.248						
SET RBM	7.010	7.010	125	4.075	4.074	34.75	1082.431	1082.437		SET RR SPIKE IN SW FACE OF 15" HONEY LOCUST 0.4' ABV. GRD.
	6.385			3.900						
	4.110			3.665						
SET RBM	3.503	3.501	122	2.970	2.970	139	1086.471	1086.477		SDET RR SPPIKE IN W FACE OF PP # 83-03973 1.8' ABV. GRD.
	2.890			2.275						
	4.170			8.240						
(SET RBM)	3.858	3.858	62.5	7.540	7.540	140	1082.432	1082.438		SET RR SPIKE IN SW FACE OF 15" HONEY LOCUST 0.4' ABV. GRD.
	3.545			6.840						
	3.268			6.970						
TP 12	2.765	2.765	100.5	6.660	6.657	63	1079.633	1079.639		
	2.263			6.340						
	5.825			7.203						
TP 13	4.920	4.921	180.75	6.688	6.688	103	1075.710	1075.717		
	4.018			6.173						
	9.300			3.455						
TP 14	8.638	8.633	133.75	2.535	2.534	184.25	1078.097	1078.104		
	7.963			1.613						
	9.988			2.520						
TP 15	9.095	9.097	178	1.890	1.892	125.5	1084.839	1084.847		

Three-Wire Leveling

3/22/2010 JKT

MONUMENT #144

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	8.208			1.265						
	5.365			8.115						
TP 16	5.245	5.245	24	7.323	7.338	154	1086.598	1086.566		
	5.125			6.575						
	1.890			2.553						
(SET RBM)	1.620	1.618	54.5	2.420	2.420	26.5	1089.423	1089.431		SET RR SPIKE IN N FACE OF 24" OAK 1.0' ABV. GRD. (165' NORTH OF DRIVEWAY TO #2780 AND ON WEST SIDE OF ROADWAY
	1.345			2.288						
	2.213			7.363						
TP 17	1.790	1.791	84.25	7.121	7.121	48.25	1083.920	1083.928		
	1.370			6.880						
	4.333			8.273						
TP 18	3.523	3.521	162.5	7.835	7.836	87.25	1077.875	1077.884		
	2.708			7.400						
	8.760			6.110						
TP 19	8.080	8.080	136	5.315	5.312	160	1076.084	1076.093		
	7.400			4.510						
	9.055			1.383						
TP 20	8.610	8.610	89	0.828	0.827	111.25	1083.337	1083.347		
	8.165			0.270						
	10.255			1.695						
TP 21	9.850	9.848	81.5	1.260	1.262	86.5	1090.686	1090.696		
	9.440			0.830						
	12.765			2.19						
RBM	11.645	11.648	223	1.89	1.890	60	1098.644	1098.654	1098.67	FD. RR SPIKE W FACE OF PP # 35-7 0.1' ABV. GRD.
	10.535			1.59						
				10.385						
RBM				9.4225	9.423	192.5	1100.870	1100.881	1100.881	FD. RR SPIKE NW FACE OF PP # 96-02031 AT GRD.
				8.46						

152.974

152.985

Three-Wire Leveling

4/14/2010 JKT

MONUMENT #168 10-19

Point	BS (+) 5.275	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
RBM	4.770	4.768	101.5				1092.409	1092.409	1092.409	FD RR SPIKE W. FACE PP # 90-05528 0.3' ABV. GRD.
	4.260									
	4.630			4.475						
RBM	4.473	4.473	31.25	4.030	4.032	88.5	1093.146	1093.146	1093.156	FD RR SPIKE E. FACE PP #40-4 0.4' ABV. GRD.
	4.318			3.590						
	4.908			5.593						
TP 1	4.023	4.020	177.75	5.443	5.442	30.25	1092.177	1092.177		
	3.130			5.290						
	9.545			13.085						
TP 2	8.385	8.381	233.25	12.200	12.199	177.25	1083.998	1083.997		
	7.213			11.313						
	2.985			16.293						
TP 3	2.200	2.199	157.25	15.123	15.123	233.75	1077.256	1077.255		
	1.413			13.955						
	0.990			12.090						
TP 4	0.808	0.807	36.75	11.250	11.253	167	1068.202	1068.201		
	0.623			10.420						
	2.115			10.740						
TP 5	1.950	1.948	33.5	10.563	10.567	34.25	1058.442	1058.440		
	1.780			10.398						
	4.500			7.603						
SET RBM	4.240	4.240	52	7.370	7.371	46.25	1053.019	1053.017		SET RR SPIKE IN N. FACE OF EAST STEM OF TWIN 16" ASH 1.5' ABV. GRD.
	3.980			7.140						
	7.300			6.710						
TP 7	6.115	6.117	236.5	6.400	6.400	62	1050.859	1050.857		
	4.935			6.090						
	6.845			6.800						
TP 8	6.180	6.178	133.5	5.530	5.533	253	1051.442	1051.439		
	5.510			4.270						
	6.735			7.275						
TP 9	5.940	5.943	158	6.215	6.213	212.5	1051.407	1051.404		
	5.155			5.150						
	3.380			4.475						

Three-Wire Leveling

4/14/2010 JKT

MONUMENT #168

Point	BS (+) 5.275	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
SET RBM	3.230	3.230	30	3.335	3.335	228	1054.016	1054.013		SET RR SPIKE IN S. FACE OF 36" OAK 1.5' ABV. GRD.
	3.080			2.195						
	4.040			3.785						
SET RBM	3.955	3.955	17	3.700	3.700	17	1053.546	1053.542		SET RR SPIKE IN W. FACE OF NORTH 12" STEM OF TRIPLE ASH (24" BASE) 1.2' ABV. GRD.
	3.870			3.615						
	4.310			4.405						
MON	4.220	4.217	19	4.355	4.355	10	1053.146	1053.142	1053.118	SOUTH 1/4 CORNER 31-10-19
	4.120			4.305						
	4.120			3.890						
SET RBM	4.050	4.050	14	3.820	3.820	14	1053.542	1053.538		SET RR SPIKE IN W. FACE OF NORTH 12" STEM OF TRIPLE ASH (24" BASE) 1.2' ABV. GRD.
	3.980			3.750						
	4.910			3.680						
SET RBM	3.750	3.750	232	3.575	3.577	20.5	1054.016	1054.011		SET RR SPIKE IN S. FACE OF 36" OAK 1.5' ABV. GRD.
	2.590			3.475						
	5.555			7.410						
TP 10	4.885	4.885	134	6.180	6.183	245	1051.582	1051.577		
	4.215			4.960						
	6.120			5.465						
TP 11	4.945	4.948	234	5.005	5.007	91.5	1051.461	1051.456		
	3.780			4.550						
	6.230			6.470						
TP 12	5.680	5.680	110	5.260	5.262	241.5	1051.147	1051.141		
	5.130			4.055						
	9.285			4.160						
SET RBM	8.990	8.990	59	3.800	3.798	72.5	1053.029	1053.023		SET RR SPIKE IN N. FACE OF EAST STEM OF TWIN 16" ASH 1.5' ABV. GRD.
	8.695			3.435						
	21.915			0.485						
TP 13	20.670	20.670	249	0.315	0.315	34	1061.704	1061.698		
	19.425			0.145						

Three-Wire Leveling

4/14/2010 JKT

MONUMENT #168

Point	BS (+)	Mean	Dist.	FS (-)	Mean	Dist.	Elevation	Adjusted Elevation	Record	Notes
	5.275									
	15.410			2.940						
TP 14	14.270	14.270	228	1.620	1.622	263.5	1080.752	1080.745		
	13.130			0.305						
	10.935			8.735						
TP 15	9.935	9.935	200	7.505	7.505	246	1087.517	1087.510		
	8.935			6.275						
				6.060						
RBM				5.035	5.037	204.5	1092.416	1092.409	1092.409	FD RR SPIKE W. FACE PP # 90-05528 0.3' ABV. GRD.
				4.015						
		137.655				137.648				

RECORD OF VERTICAL CONTROL STATION

SECTION 33 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: MRK-19 RESET ELEVATION 1003.205

REFERENCE BENCH MARK NO.: RRK-19 RESET ELEVATION 1002.663

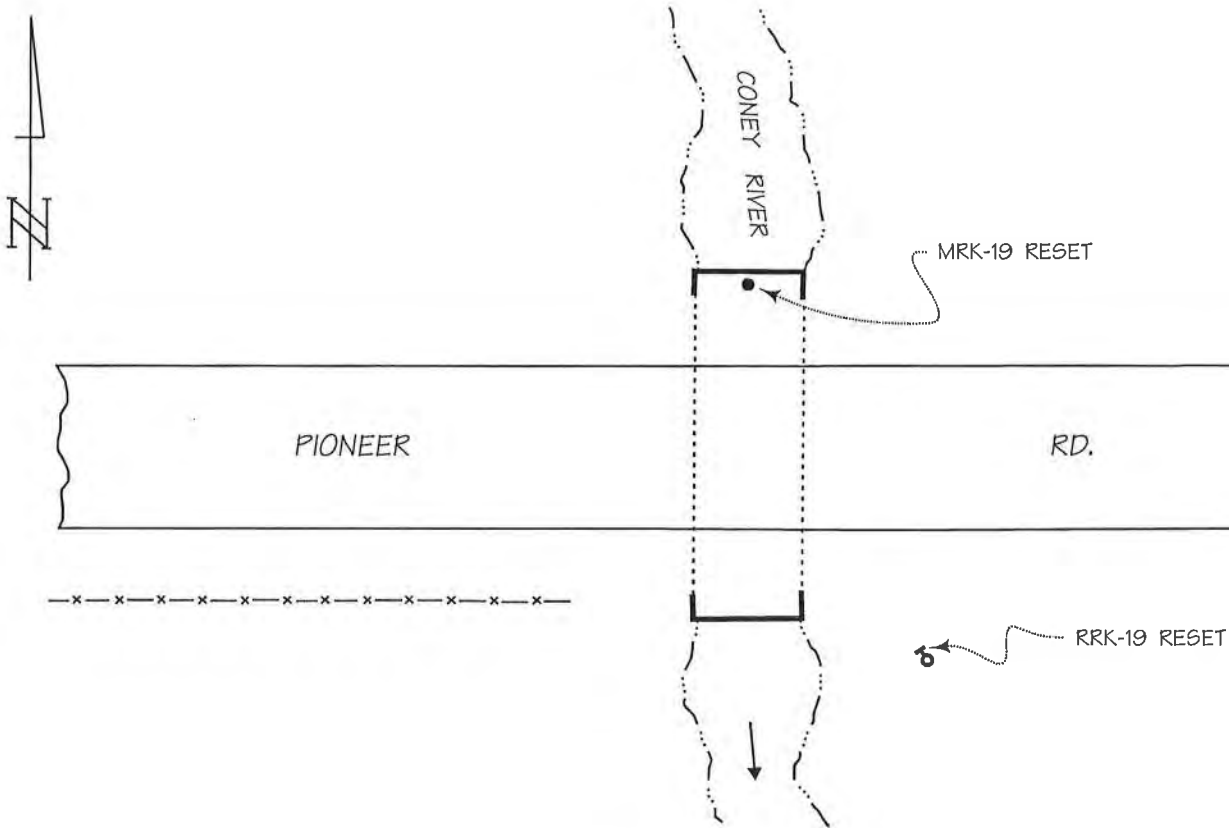
BM /RBM SET BY: SEWRPC YEAR: 2004

BM/RBM CONTROL SURVEY BY: SEWRPC YEAR: 2004

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

MRK-19 RESET is the top of the rib at a punch hole in the north end of a 96-inch-diameter CMCP, 0.2 ft. S. of the north end.

RRK-19 RESET is a railroad spike in the northwest face of power pole No. 94-09293, 1.0 ft. above grade.

RECOVERED BY: SEWRPC DATE: 18 MAY 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 33 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: MRK-160 ELEVATION 1012.788

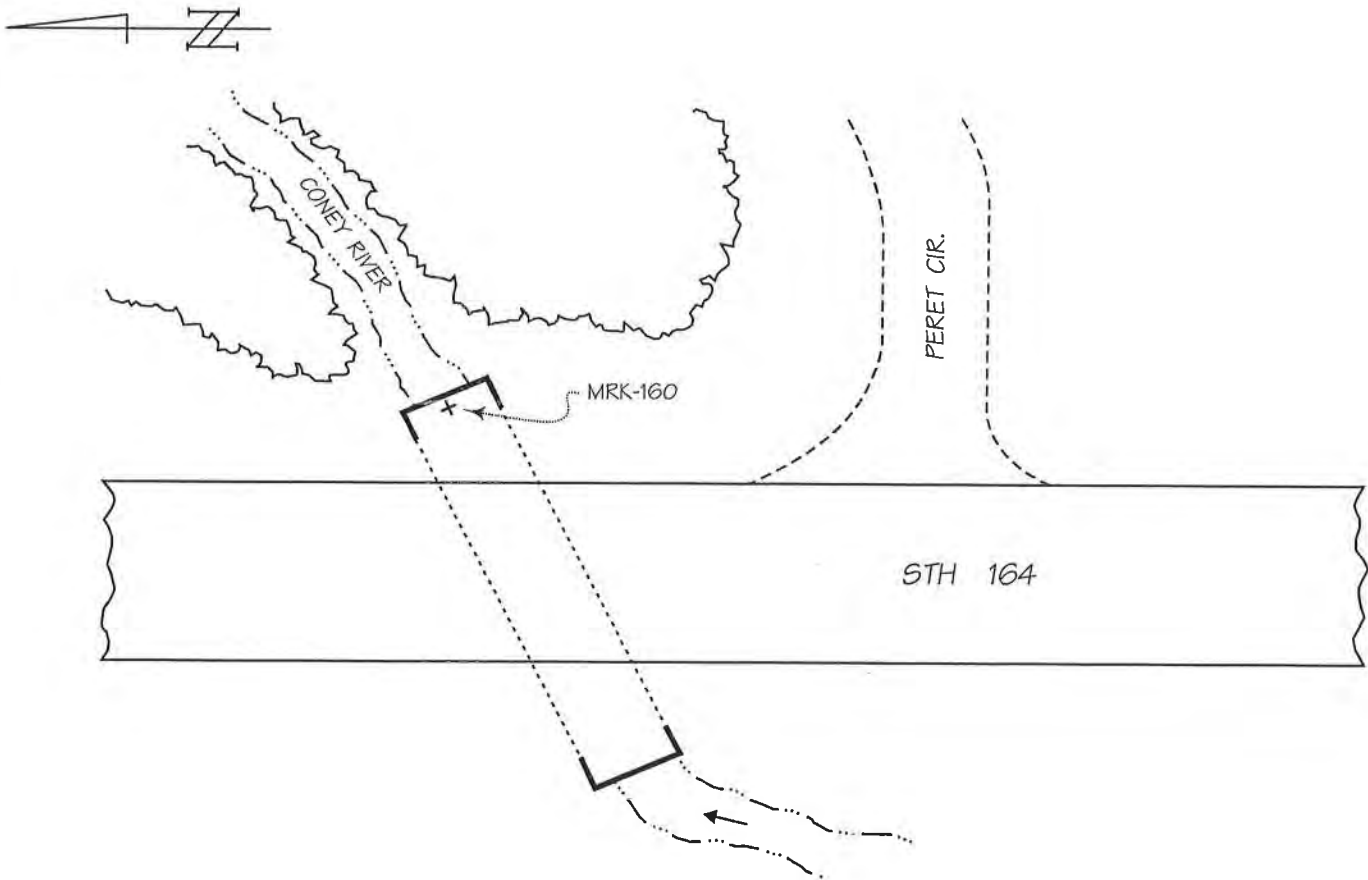
BM SET BY: ALSTER & ASSOC., INC. YEAR: 1977

BM CONTROL SURVEY BY: ALSTER & ASSOC., INC. YEAR: 1977

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

MRK-160 is a chiseled cross set in the top of the northeast end of a 60-inch-diameter CMCP, 0.4 ft. SW of the NE end.

RECOVERED BY: SEWRPC DATE: 17 MAY 2004

RECORD OF VERTICAL CONTROL STATION

SECTION 34 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 251 ELEVATION 1001.016

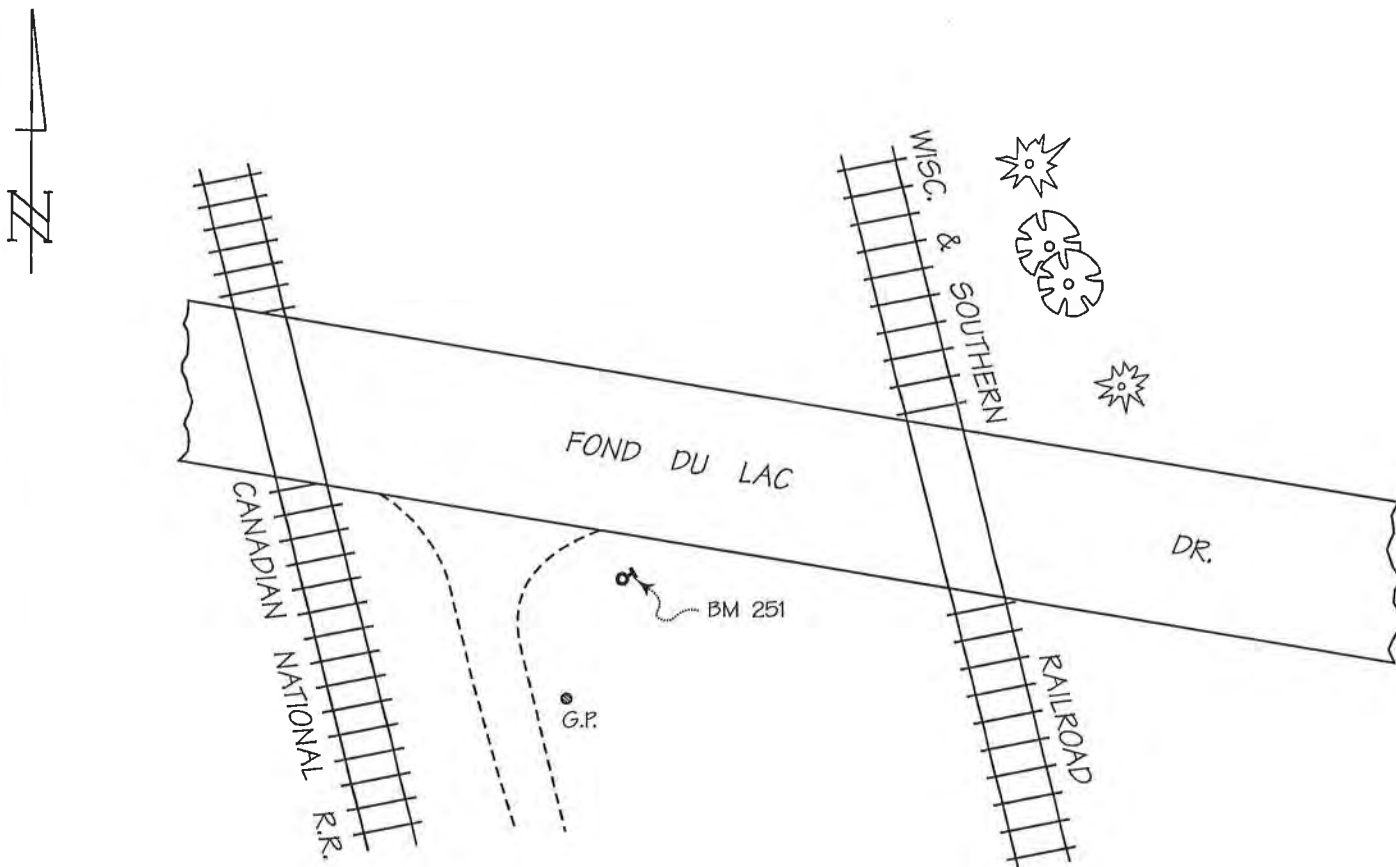
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

251 is a railroad spike set in the northeast face of power pole No. 75-8629, 0.7 ft. above grade.

RECOVERED BY: SEWRPC DATE: 20 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 35 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 184 ELEVATION 978.718

REFERENCE BENCH MARK NO.: 219 ELEVATION 978.937

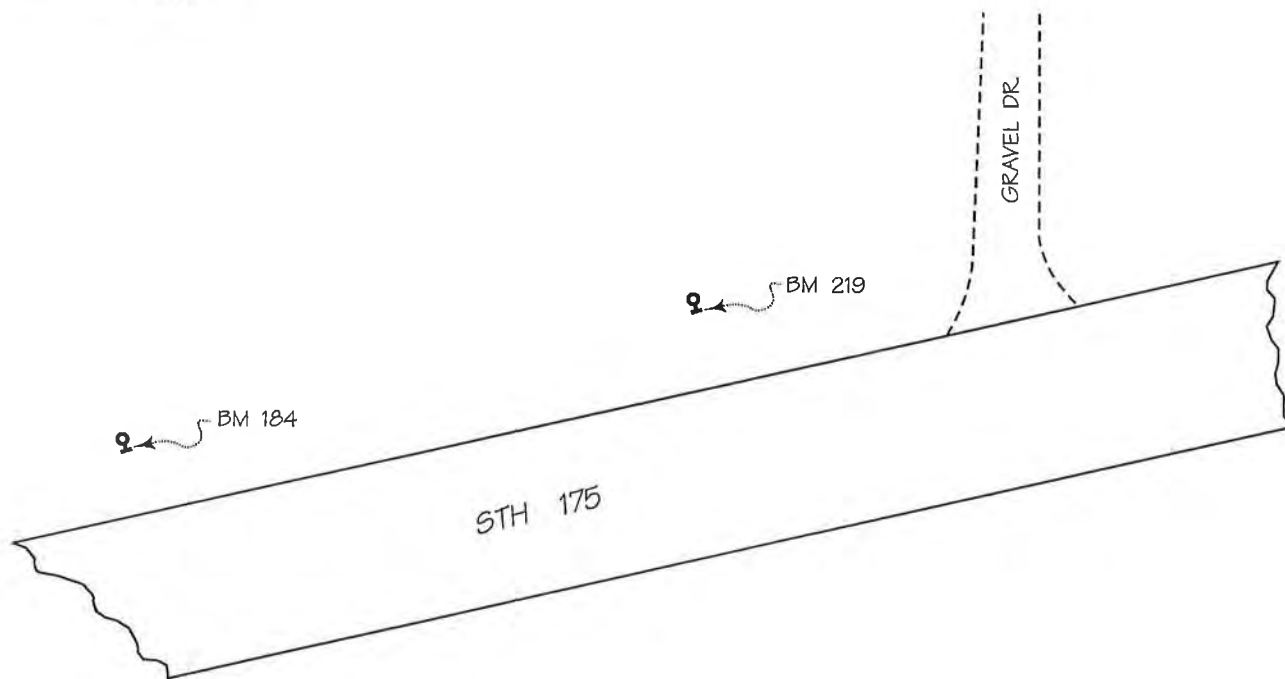
BM/RBM SET BY: KAPUR & ASSOC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

184 is a railroad spike set in the southwest face of power pole No. E53-9208, 1.3 ft. above grade.

219 is a railroad spike set in the southwest face of power pole No. E53-9207, 1.2 ft. above grade.

184 and 219 are located approximately 0.2 Mi. SE of Scenic Rd.

RECOVERED BY: SEWRPC DATE: 20 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 35 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 208 ELEVATION 1011.062

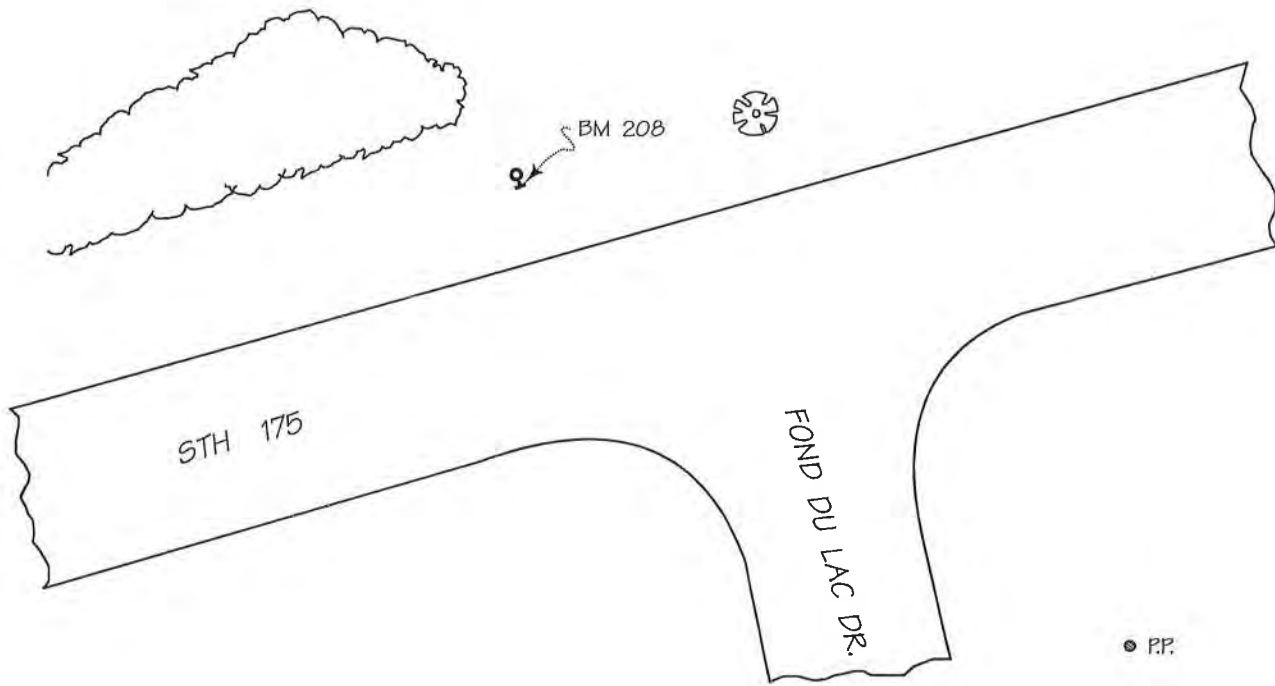
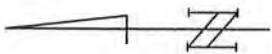
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

208 is a railroad spike set in the southwest face of power pole No. 92-03115, 0.2 ft. above grade.

RECOVERED BY: SEWRPC DATE: 20 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 35 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 217 ELEVATION 990.558

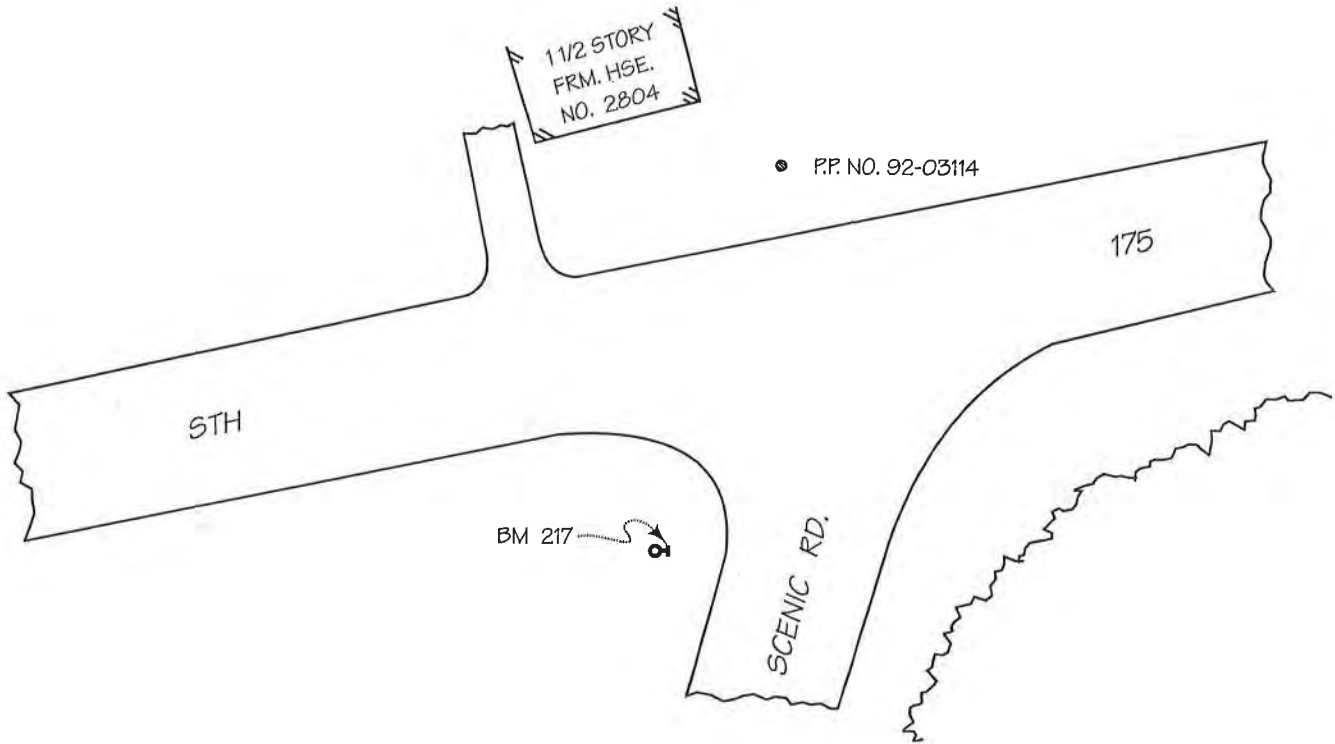
BM SET BY: KAPUR & ASSOC. YEAR: 2000

BM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

217 is a railroad spike set in the south face of power pole No. 92-17129, 0.4 ft. above grade.

RECOVERED BY: SEWRPC DATE: 20 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 36 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: B-66-38-74 ELEVATION 962.159

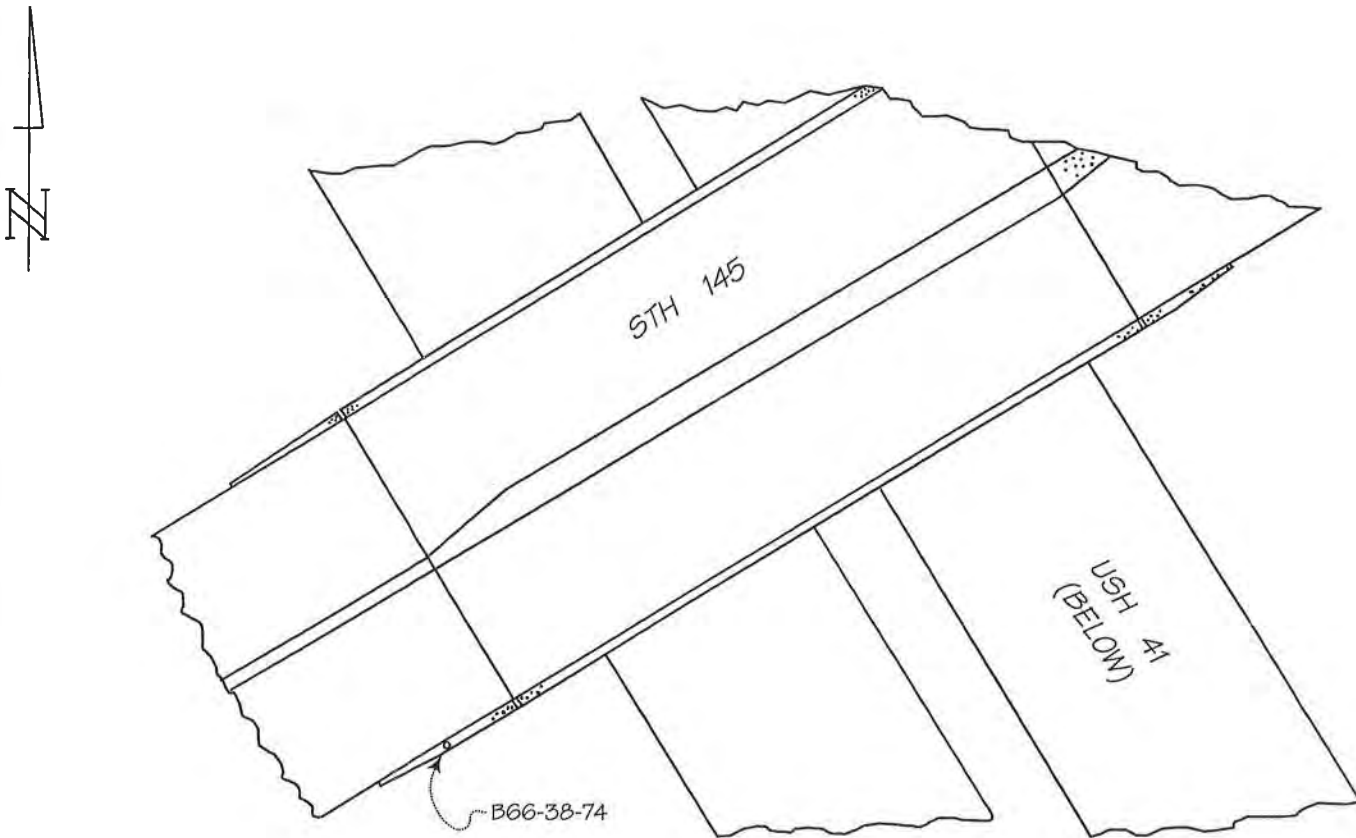
BM SET BY: WisDOT YEAR: 1974

BM CONTROL SURVEY BY: AERO-METRIC, INC. YEAR: 2005

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark B-66-38-74 is a Wisconsin Division of Highways aluminum cap set in the top of the concrete parapet wall 2.9 ft. above the roadway surface.

RECOVERED BY: SEWRPC DATE: 1 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 36 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: B-66-39-74 ELEVATION 955.974

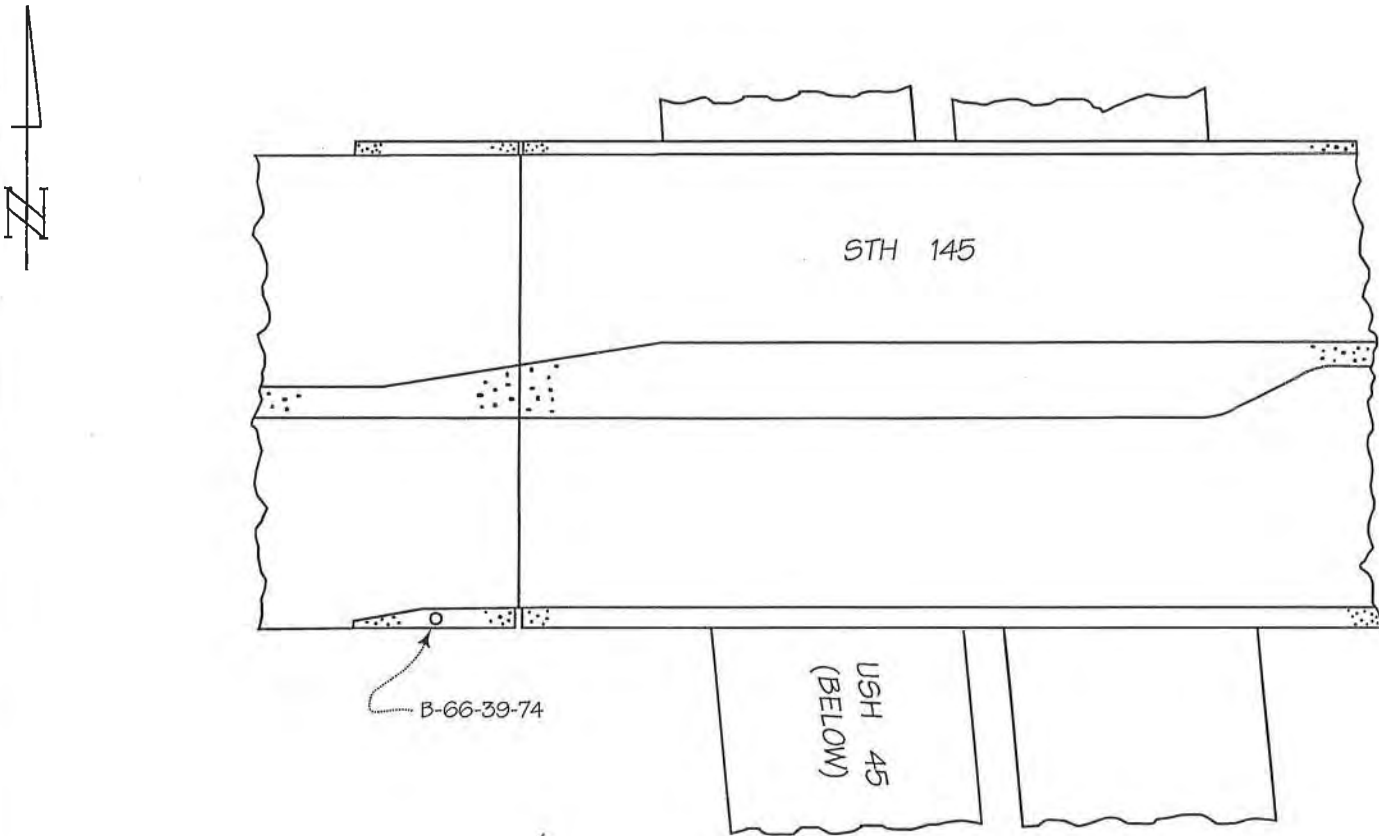
BM SET BY: WisDOT YEAR: 1974

BM CONTROL SURVEY BY: AERO-METRIC, INC.. YEAR: 2005

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

Benchmark B-66-39-74 is a Wisconsin Division of Highways aluminum cap set in the top of the concrete parapet wall 2.7 ft. above the roadway surface.

RECOVERED BY: SEWRPC DATE: 1 DECEMBER 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 36 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 124 ELEVATION 939.472

REFERENCE BENCH MARK NO.: 125 ELEVATION 935.537

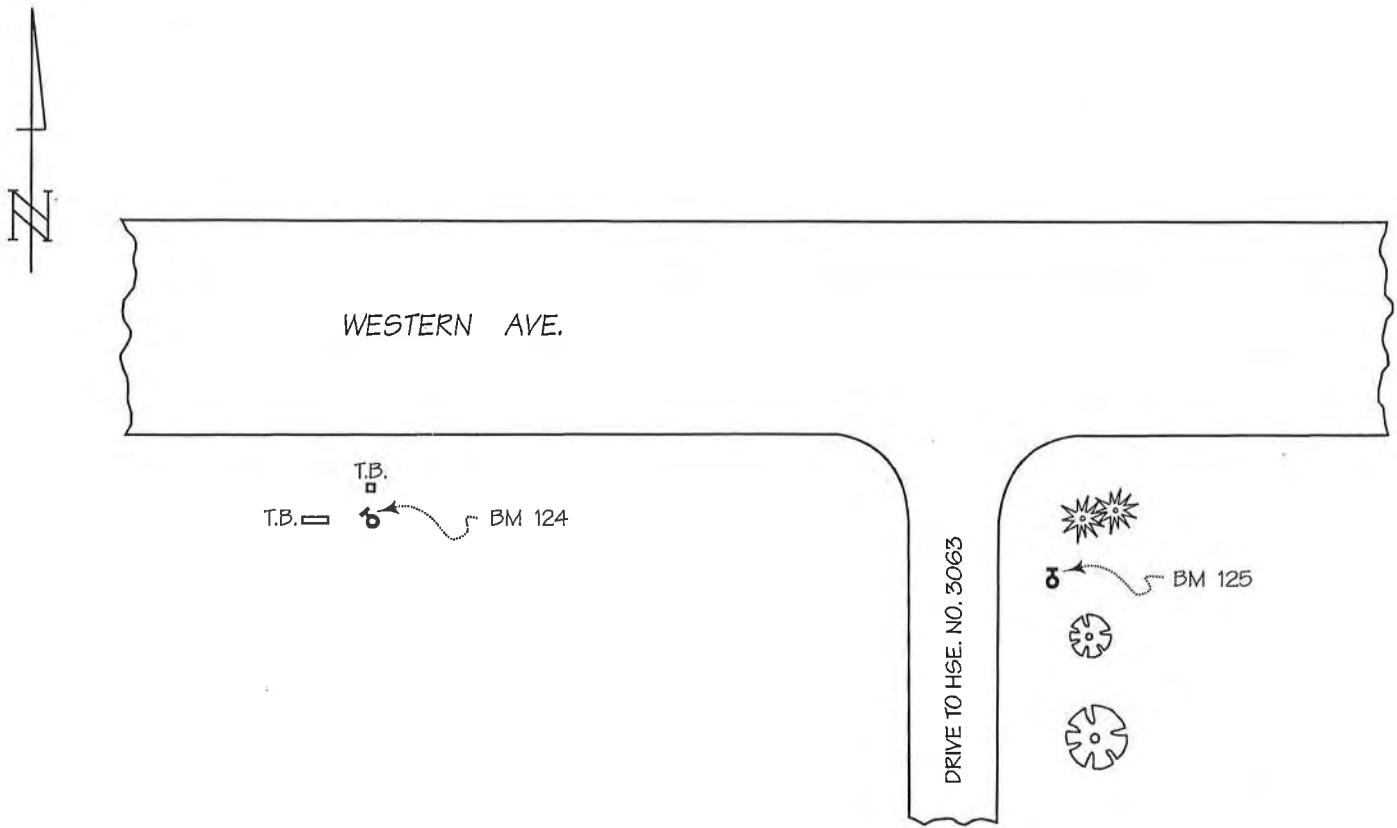
BM /RBM SET BY: KAPUR & ASSOC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

124 is a railroad spike set in the northwest face of power pole No. 84-04753, 0.8 ft. above grade.

125 is a railroad spike set in the north face of power pole No. 84-04754, 0.2 ft. above grade.

RECOVERED BY: SEWRPC DATE: 18 AUGUST 2003

RECORD OF VERTICAL CONTROL STATION

SECTION 36 T. 10 N. R. 19 E. WASHINGTON COUNTY, WISCONSIN

BENCH MARK NO.: 141 ELEVATION 995.935

REFERENCE BENCH MARK NO.: 142 ELEVATION 994.796

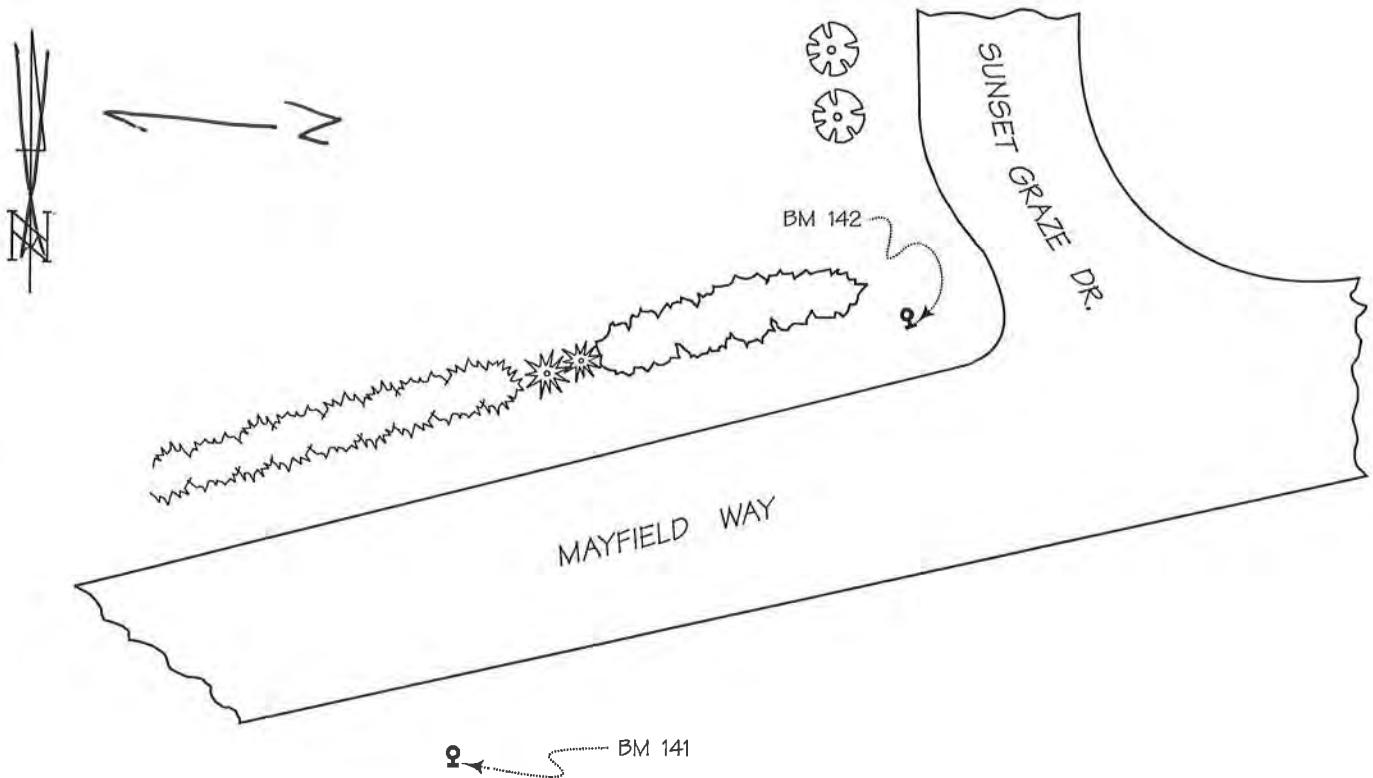
BM /RBM SET BY: KAPUR & ASSOC. YEAR: 2000

BM/RBM CONTROL SURVEY BY: KAPUR & ASSOC. YEAR: 2000/2003

DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ACCURACY: SECOND ORDER, CLASS II

LOCATION SKETCH:



DETAILED DESCRIPTION:

141 is a railroad spike set in the south face of power pole No. 73-8724, 1.9 ft. above grade.

142 is a railroad spike set in the southwest face of power pole No. ___-9626, 0.8 ft. above grade..

RECOVERED BY: SEWRPC DATE: 19 AUGUST 2003