

		PRE	POST-RECONSTRUCTION			
POINT NUMBER	NORTHING	EASTING	DESCRIPTION OF MONUMENT	DATE FOUND	FOUND IN PLACE/RESET	DATE FOUND/RESET
5104	194514.74	559924.95	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5105	194513.53	559679.85	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5106	194512.17	559402.95	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5107	194511.31	559255.00	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5108	194510.12	559077.05	FOUND 3/4 INCH IRON PIPE W/ LIC. NO. 90??	4/24/2014		
5109	194459.95	559027.69	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5110	194622.40	558709.99	FOUND REBAR W/ RLS 855 (?)	4/24/2014		
5111	194595.26	558904.82	FOUND 3/4 INCH OPEN IRON PIPE (BENT SOUTH)	4/24/2014		
5112	194599.81	559748.82	FOUND 3/4 INCH IRON PIPE W/ LIC. NO. 10459	4/24/2014		

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# SURVEY MONUMENT REPLACEMENT EXHIBIT COUNTY ROAD E WEST (FROM STATE TRUNK HIGHWAY NO. 51 TO $\pm$ 700 FT. EAST OF LEXINGTON AVENUE)

	PROJECT CALIBRATION POINTS						
POINT NUMBER	NORTHING	EASTING	DESCRIPTION OF MONUMENT				
6000	191928.62	561089.35	FOUND RAMSEY CO. MON. NO. 284 (EAST 1/4 CORNER OF SEC. 34, T. 30 N., R. 23 W.)				
6001	194564.21	561067.26	FOUND RAMSEY CO. MON. NO. 259 (NE CORNER OF SEC. 34, T. 30 N., R. 23 W.)				
6002	194549.83	558431.71	FOUND RAMSEY CO. MON. NO. 258 (NORTH 1/4 CORNER OF SEC. 34, T. 30 N., R. 23 W.)				

## NOTES

This exhibit shows the monumentation found at or near the existing right of way prior to the reconstruction of County Road E West. This exhibit shows the results of a detailed monument search performed by Bolton & Menk, Inc.

The coordinate bearing basis for all the information shown hereon is based on the Ramsey County Coordinate System, NAD 83 (1986 adj.).

Monuments were located using VRS GPS with a Trimble R8 GNSS antenna. The project was site calibrated on 2/5/2013. It is calibrated to Ramsey County Monument Nos. 258, 259, and 284. The location of each monument was observed 2 times during 2 separate sessions. The average of the observations is shown in the chart contained hereon.

Parcel identification numbers (PIN #'s) and parcel addresses were obtained from the Ramsey County GIS Online Mapping application.

150 FT OF THE E 1/4 SE 1/4 8. 23 W. 품~ EAST LINE OF THE SW 1/4 OF THE SW 1/4 OF THE SE 1/4 OF SEC. 27, T. 30 W., R EAST HE SE W. R. 1/2 30 w. . тне ог т 1. 30 AST T. WEST LINE OF WEST 250 FT ( OF SEC. 27, T WEST LIN SE 1/4 1203 COUNTY ROAD E WEST PIN: 273023440003 5112 5 NE CORNER OF THE NW 1/4 OF THE NE 1/4 OF SEC. 34, T. 30 N. R. 23 W. ---- N 89'41'16' E 2635.52 \_----5104 5105 70 ₽<u>,</u>× DR. 1/2 34, 75 R NE 23 1220 COUNTY ROAD E WEST PIN: 343023110003 EAST SEC. WEST 17 OF THE N., R. Ъ. ∢. <u></u> щ Р ≥. × 0F 1/4 1/4 23 THE 1/2 T. 30 TR ST LINE THE NE 30 N., F tE OF EAST 34, 7 Р PINE SEC H ₩94. **PPF** 

es approximate existing right of way

es approximate existing parcel line

es found monument (size, type or Land Surveyor identification described in chart)

es Ramsey County cast iron monument

	SURVEYOR'S CERTIFICATION I hereby certify that this survey was prepared by me or under my direct supervision and that I am a duly licensed land surveyor under the laws of the State of Minnesota.	
	Richardy. Williams, Jr. License Number 19840	0 40 80 SCALE IN FEET Sheet 1 of 3 Sheets
	SURVEY MONUMENT REPLACEMENT EXHIBIT ARDEN HILLS, MINNESOTA	CR-E WEST / C.S.A.H. NO. 15
100	BOLTON & MENK, INC. Consulting Engineers & Surveyors 12224 NICOLLET AVENUE S, BURNSVILLE, MN 55337 (952) 890-0509 MANKATO, FAIRMONT, SLEEPY EYE, BURNSVILLE, WILLMAR, CHASKA, RAMSEY, MAPLEWOOD, BAXTER, ROCHESTER, MINNESOTA & AMES, SPENCER, IOWA	FOR: CITY OF ARDEN HILLS
JOB	NUMBER: T16.104335 FIELD BOOK: 375. PG: 1–2 DRAWN BY: VAW	DWG NO. 3850. FILE NO: 445

3 Sheets

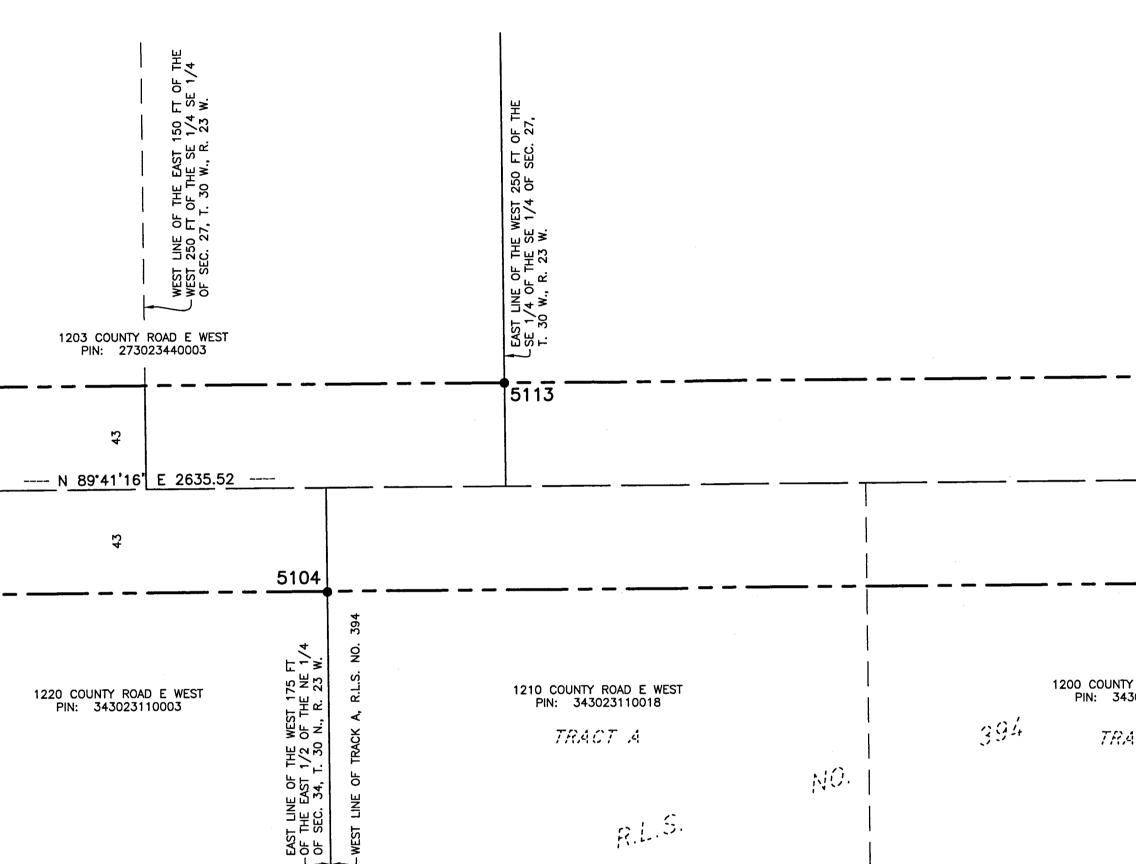
of

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Sheet

See

S27-T30-R26 -43,44 S34-T30-R26 -11,12



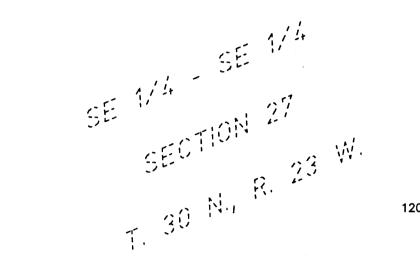
		POST-RECONSTRUCTION				
POINT NUMBER	NORTHING	EASTING	DESCRIPTION OF MONUMENT	DATE FOUND	FOUND IN PLACE/RESET	DATE FOUND/RESET
5100	194476.25	561006.26	FOUND 3/4 INCH OPEN IRON PIPE (BENT SOUTH)	4/24/2014		
5101	194502.34	560980.05	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5102	194518.48	560575.04	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5103	194517.34	560375.04	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5104	194514.74	559924.95	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5113	194601.31	559998.98	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		

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## SURVEY MONUMENT REPLACEMENT EXHIBIT COUNTY ROAD E WEST (FROM STATE TRUNK HIGHWAY NO. 51 TO $\pm$ 700 FT. EAST OF LEXINGTON AVENUE)



1201 COUNTY ROAD E WEST PIN: 273023440016

COUNTY	ROAD	E WE	ST	(C.S.A.H. N	10. 15	5)	$\int$ South line of the se 1/4 of the se 1/4 of	S
		5103	~ ~ ~		43	<sup>ي</sup> وو 5102	NORTH LINE OF THE NE 1/4 OF THE NE 1/4 OF	
ПY ROAD E WEST 43023110020	$\int$ EAST LINE OF TRACK B, R.L.S. NO. 394	WEST LINE OF THE WEST 200 FEET LYING EAST OF WEST 625 FT OF THE EAST 1/2 OF THE NE 1/4 SEC. 34, T. 30 N., R. 23 W.	NE	1160 COUNTY ROAD E WEST PIN: 343023110001 NEE 1/14 SEECTION 34 R. 23 W.	EAST LINE OF THE WEST 200 FEET LYING EAST OF WEST 625 FT OF THE EAST 1/2 OF THE NE 1/4 SEC. 34, T. 30 N., R. 23 W.	WEST LINE OF LOT 3, BLOCK 1, ARDEN PLAZA 7. 3527 LEXINGTON AVENUE NORTH 1 PIN: 343023110099	1150 COUNTY ROAD E WEST PIN: 343023110098 LOT 2 ARDEN BLOCK 1	

	PROJECT CALIBRATION POINTS						
POINT NUMBER	NORTHING	EASTING	DESCRIPTION OF MONUMENT				
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6002	194549.83	558431.71	FOUND RAMSEY CO. MON. NO. 258 (NORTH 1/4 CORNER OF SEC. 34, T. 30 N., R. 23 W.)				

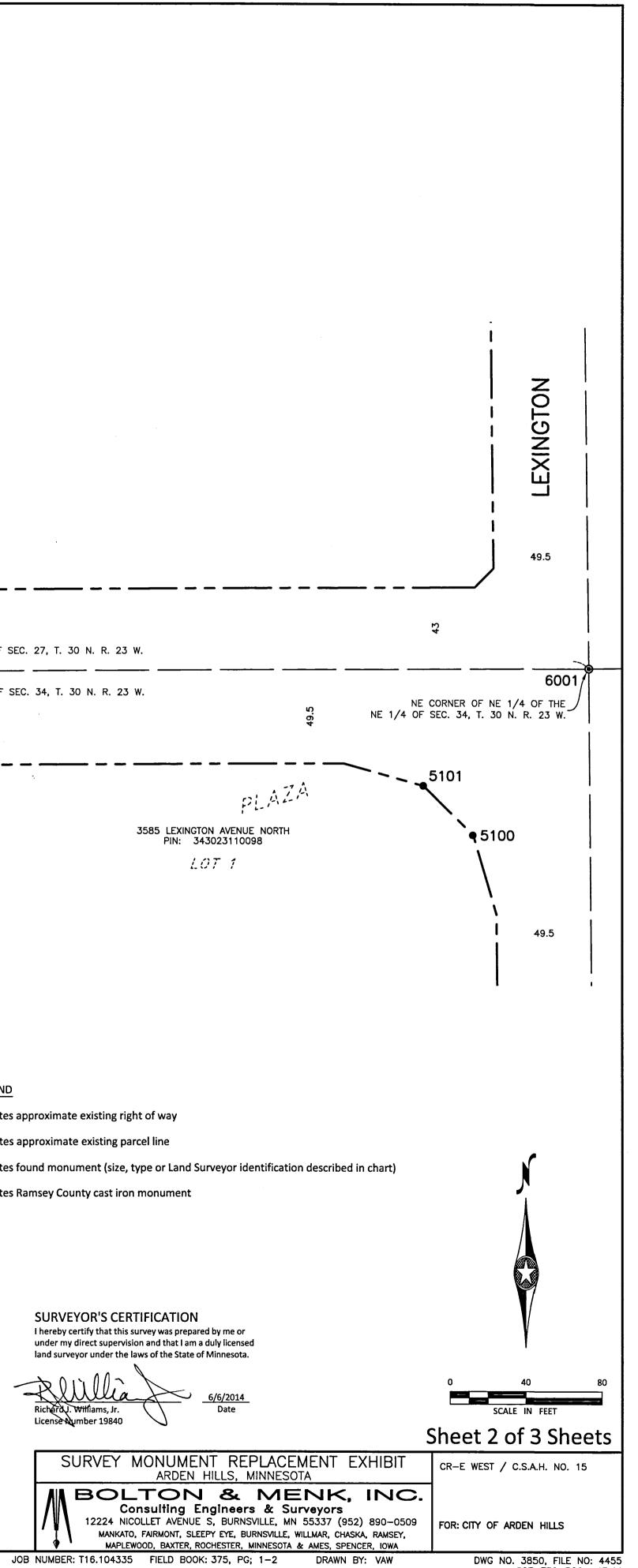
### NOTES

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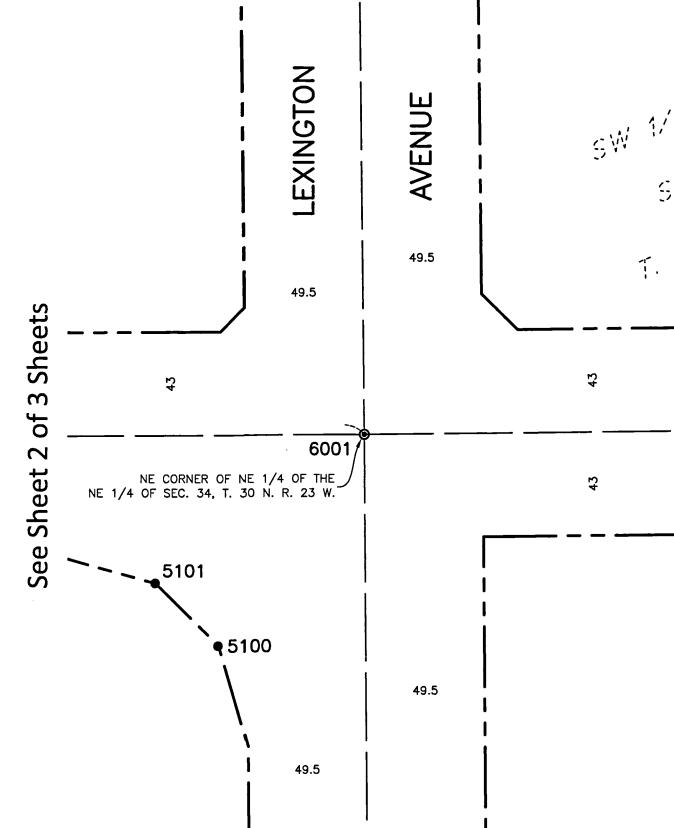
Parcel identification numbers (PIN #'s) and parcel addresses were obtained from the Ramsey County GIS Online Mapping application.



See Sheet 3 of 3 Sheets

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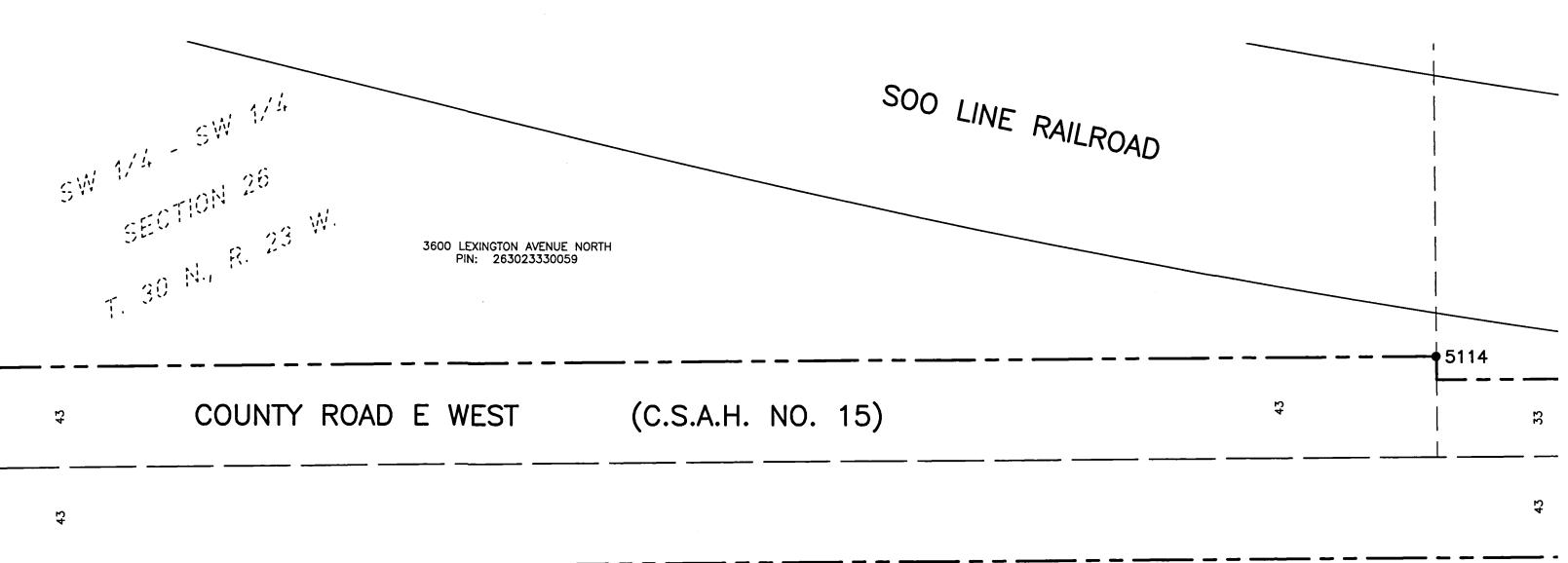
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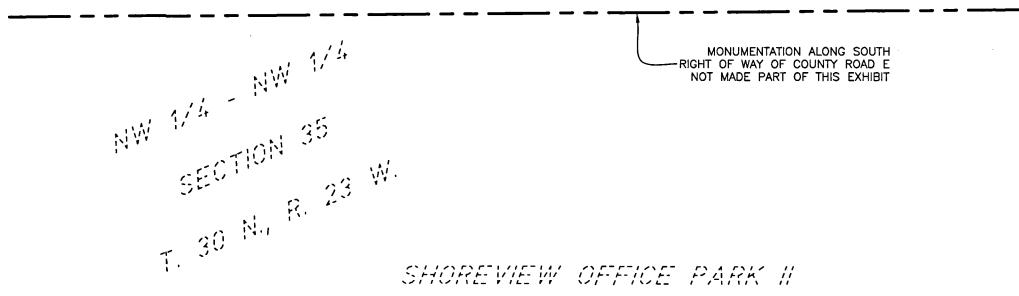


		POST-RECONSTRUCTION				
POINT NUMBER	NORTHING	EASTING	DESCRIPTION OF MONUMENT	DATE FOUND	FOUND IN PLACE/RESET	DATE FOUND/RESET
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5101	194502.34	560980.05	FOUND 3/4 INCH OPEN IRON PIPE	4/24/2014		
5114	194613.34	561751.52	FOUND 3/4 INCH OPEN IRON PIPE	5/11/2014		

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CT CALIBRATION POINTS	PROJ		
 DESCRIPTION OF MONUMENT	EASTING	NORTHING	POINT NUMBER
 FOUND RAMSEY CO. MON. NO. 284 (EAST 1/4 CORNER OF SEC. 34, T. 30 N., R. 23 W.)	561089.35	191928.62	6000
FOUND RAMSEY CO. MON. NO. 259 (NE CORNER OF SEC. 34, T. 30 N., R. 23 W.)	561067.26	194564.21	6001
OUND RAMSEY CO. MON. NO. 258 (NORTH 1/4 CORNER OF SEC. 34, T. 30 N., R. 23 W.)	558431.71	194549.83	6002

## NOTES

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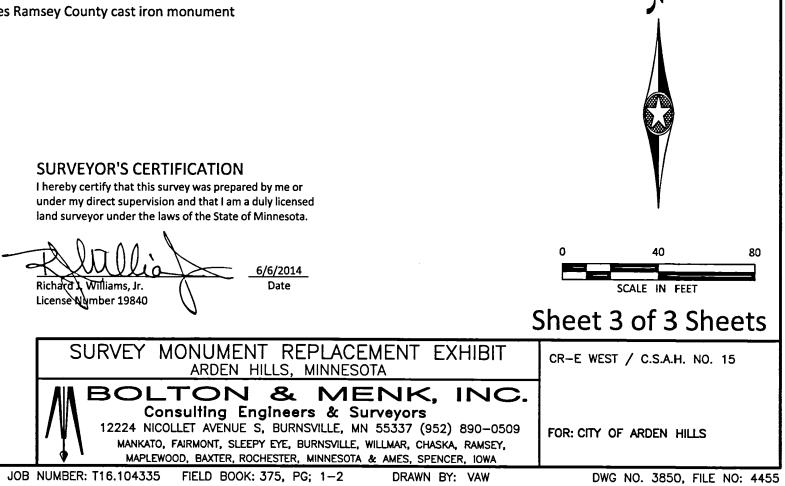
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Parcel identification numbers (PIN #'s) and parcel addresses were obtained from the Ramsey County GIS Online Mapping application.

approximate existing right of way

approximate existing parcel line

found monument (size, type or Land Surveyor identification described in chart)



S26-T30-R26 -33 S35-T30-R26 -22

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