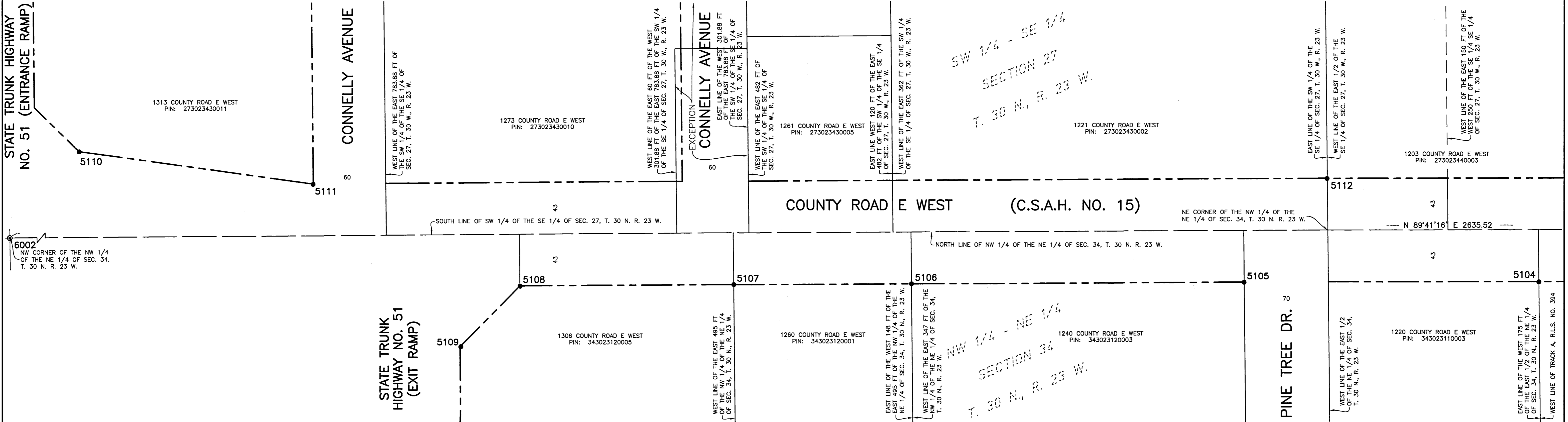


SURVEY MONUMENT REPLACEMENT EXHIBIT
COUNTY ROAD E WEST
 (FROM STATE TRUNK HIGHWAY NO. 51 TO ±700 FT. EAST OF LEXINGTON AVENUE)



PRE-RECONSTRUCTION					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		

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.

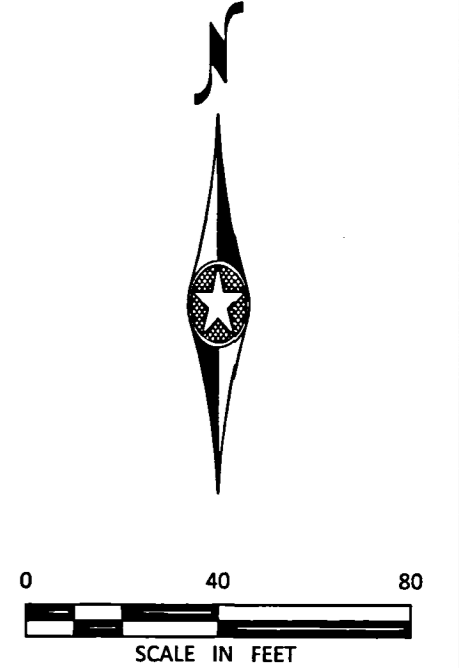
Parcel identification numbers (PIN #'s) and parcel addresses were obtained from the Ramsey County GIS Online Mapping application.

- LEGEND**
- Denotes approximate existing right of way
 - Denotes approximate existing parcel line
 - Denotes found monument (size, type or Land Surveyor identification described in chart)
 - ⊙ Denotes 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.

Richard J. Williams, Jr.
 Richard J. Williams, Jr.
 License Number 19840

6/5/2014
 Date



SURVEY MONUMENT REPLACEMENT EXHIBIT
 ARDEN HILLS, MINNESOTA

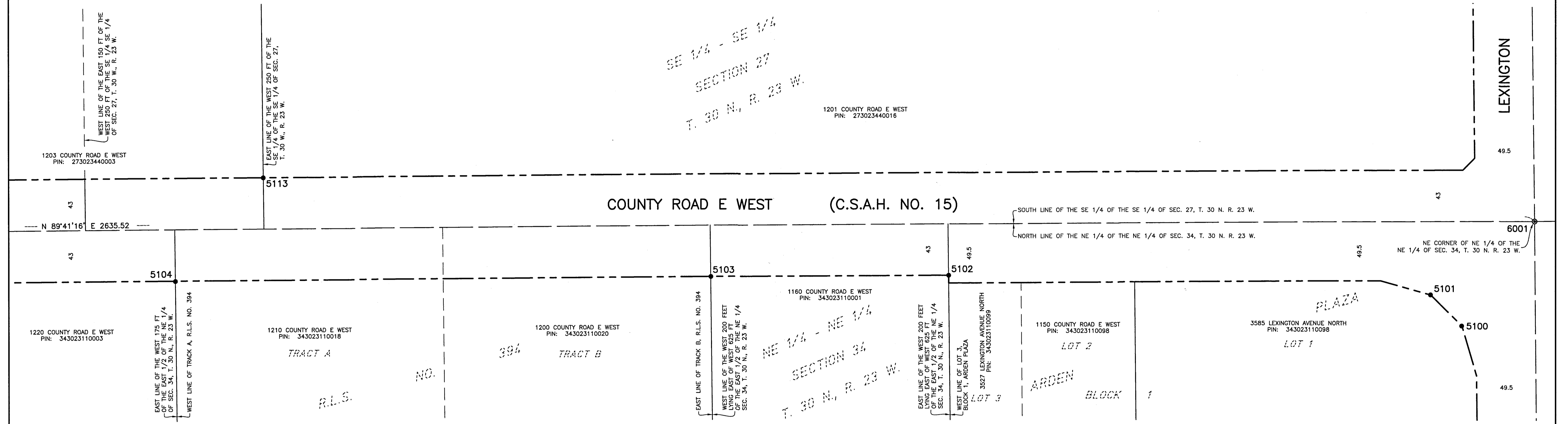
BOLTON & MENK, INC.
 Consulting Engineers & Surveyors

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

CR-E WEST / C.S.A.H. NO. 15
 FOR: CITY OF ARDEN HILLS

See Sheet 2 of 3 Sheets

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



See Sheet 1 of 3 Sheets

See Sheet 3 of 3 Sheets

PRE-RECONSTRUCTION					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		

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.)
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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.

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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.

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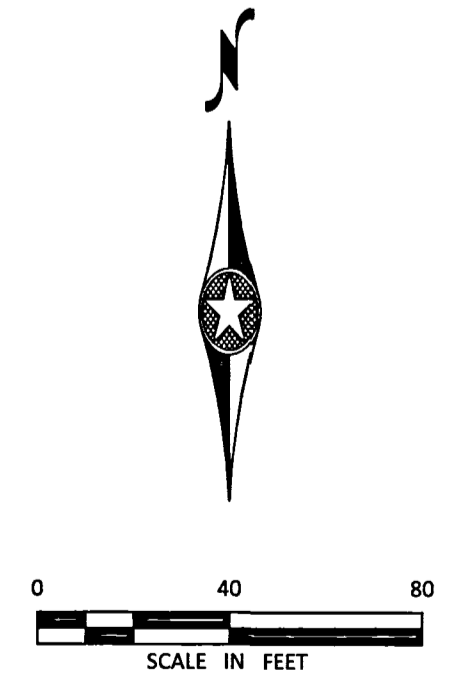
- LEGEND**
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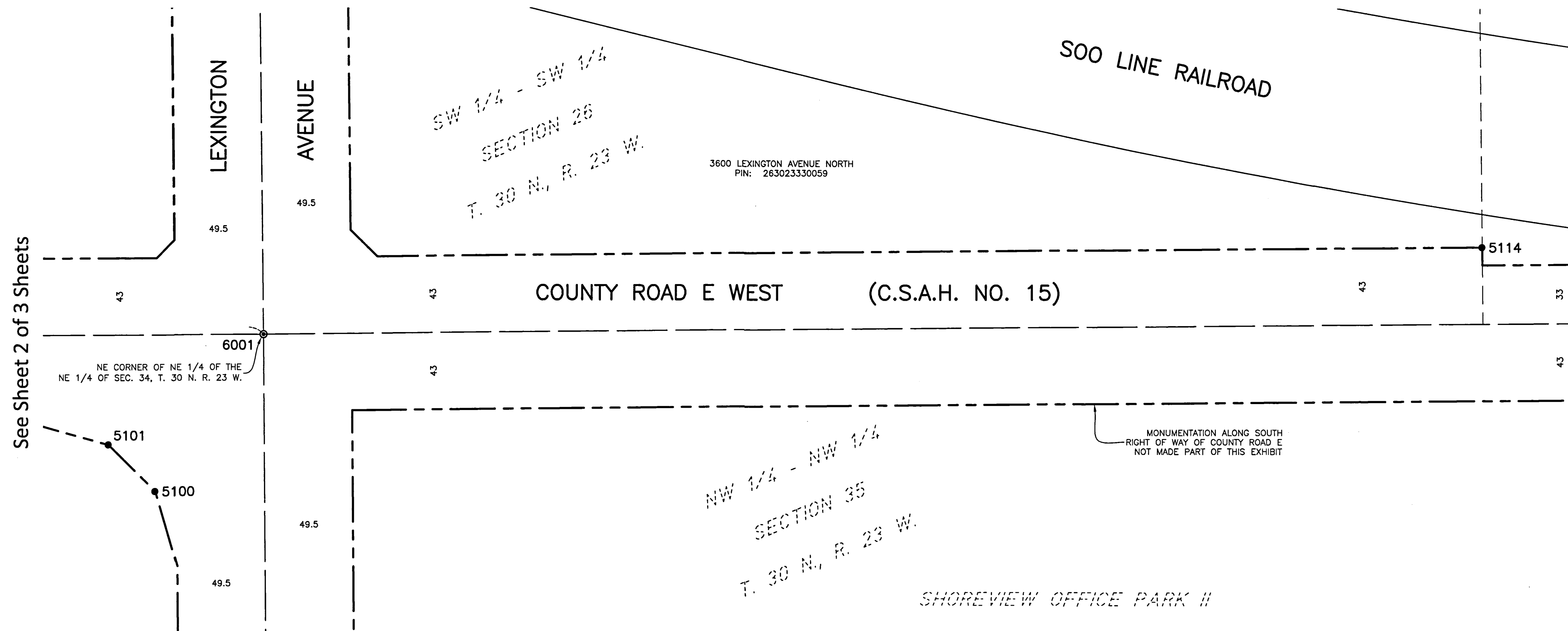
6/6/2014
Date



Sheet 2 of 3 Sheets

SURVEY MONUMENT REPLACEMENT EXHIBIT ARDEN HILLS, MINNESOTA 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	CR-E WEST / C.S.A.H. NO. 15 FOR: CITY OF ARDEN HILLS
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SURVEY MONUMENT REPLACEMENT EXHIBIT
 COUNTY ROAD E WEST
 (FROM STATE TRUNK HIGHWAY NO. 51 TO ±700 FT. EAST OF LEXINGTON AVENUE)



See Sheet 2 of 3 Sheets

PRE-RECONSTRUCTION					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		
5114	194613.34	561751.52	FOUND 3/4 INCH OPEN IRON PIPE	5/11/2014		

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.)
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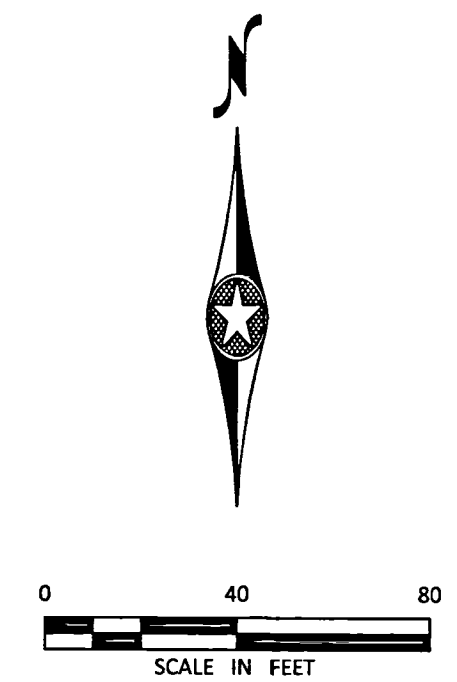
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SURVEYOR'S CERTIFICATION
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Richard J. Williams, Jr. 6/5/2014
 License Number 19840 Date



Sheet 3 of 3 Sheets

SURVEY MONUMENT REPLACEMENT EXHIBIT ARDEN HILLS, MINNESOTA 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	CR-E WEST / C.S.A.H. NO. 15 FOR: CITY OF ARDEN HILLS
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