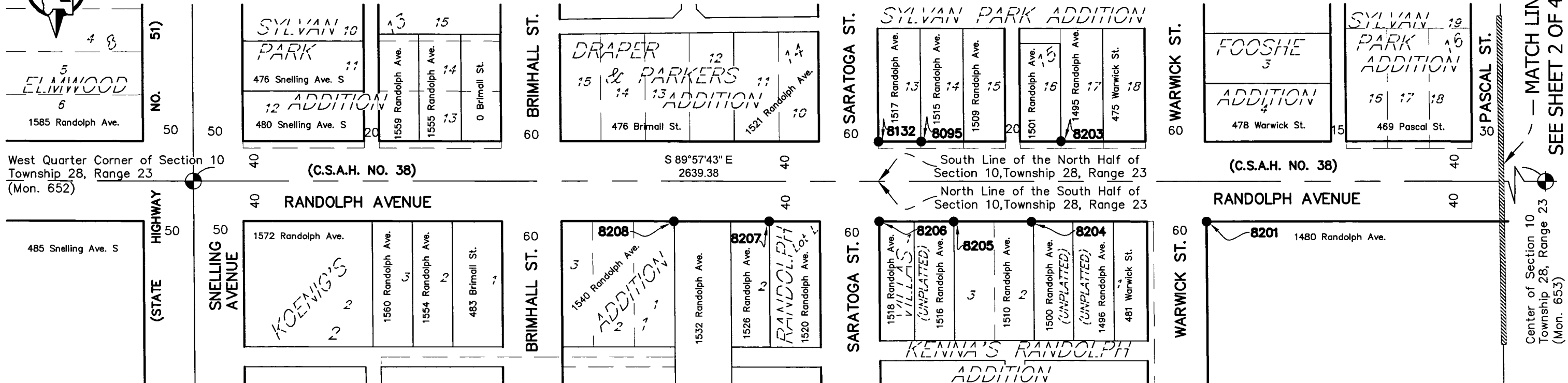


# SURVEY MONUMENT REPLACEMENT EXHIBIT - Randolph Avenue

## From Snelling Avenue to Lexington Parkway



### NOTES

This exhibit shows the survey monumentation found at or near the existing right of way lines prior to the reconstruction of Randolph Avenue from Snelling Avenue to Lexington Parkway along with the intersections contained within. This exhibit shows the results of a detailed survey monument search performed by the Ramsey County Surveyor's Office.

The coordinate and bearing basis for all the information shown hereon is based on the Ramsey County Coordinate System, NAD83 (1986 adj.).

The W 1/4 Corner of Sec. 10, T. 28, R. 23 (Mon. 652)      The Center of Sec. 10, T. 28, R. 23 (Mon. 653)  
 N: 149617.441      N: 149615.682  
 E: 556027.997      E: 558667.379

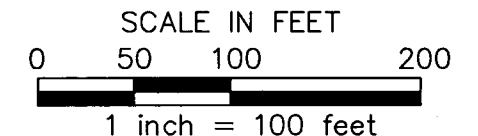
The E 1/4 Corner of Sec. 10, T.28, R.23 (Mon. 654)  
 N: 149613.391  
 E: 561318.649

Monuments were located using a conventional total station with robotic functions and VRS GPS with a Trimble R8 GNSS antenna. The project was site calibrated on 5-20-13. It was calibrated horizontally to Ramsey County Monument No's. 628, 674, and 677 and verified on Ramsey County Monument No's. 652, 653, and 654. The location of each monument found using VRS GPS was observed multiple times during two separate RTK sessions. The results of the observed coordinates are shown in the chart contained hereon.

Point No.	Pre-Reconstruction			Post-Reconstruction		
	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
8095	149656.939	556761.126	1/2 inch iron pipe with cap inscribed 47223	6/13/2013	Reset**	6/27/2016
8132	149656.949	556718.086	1/2 inch iron pipe with cap inscribed 47223	6/13/2013	Reset*	6/27/2016
8201	149576.673	557048.900	1/2 inch rebar	6/18/2013	Reset*	6/27/2016
8203	149657.189	556901.986	1/2 inch iron pipe	6/18/2013	Found in Place	6/27/2016
8204	149576.582	556871.387	3/8 inch iron pipe	6/18/2013	Found in Place	6/27/2016
8205	149576.692	556793.319	1/2 inch iron pipe	6/18/2013	Reset*	6/27/2016
8206	149576.952	556718.324	1/2 inch iron pipe with cap inscribed 9235	6/18/2013	Reset**	6/27/2016
8207	149576.996	556607.321	1/2 inch iron pipe with cap inscribed 41578	6/18/2013	Found in Place	6/27/2016
8208	149576.970	556511.391	1/2 inch iron pipe	6/18/2013	Found in Place	6/27/2016

\*Set a 5/8 inch by 14 inch rebar with a plastic cap embossed "Ramsey County 45816"

\*\*Set a PK nail and disk inscribed "Ramsey County 45816"



### LEGEND

- Denotes approximate pre-construction public right of way line.
- Denotes approximate existing Parcel Line.
- Denotes found monument (size, type, and Land Surveyor License Number described in chart).
- ⊙ Denotes Ramsey County cast iron monument.

I hereby certify that this survey, plan, or report 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.

*Daniel D. Baar*      5/10/19  
 Daniel D. Baar, L.S.      Date  
 Deputy County Surveyor  
 Minnesota License No. 45816

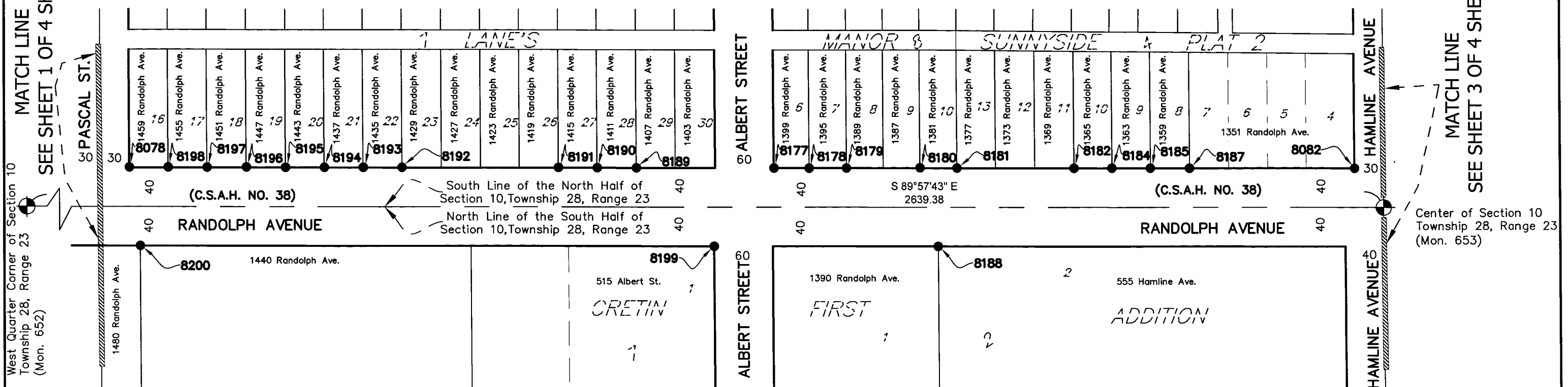


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SEE SHEET 2 OF 4 SHEETS

# SURVEY MONUMENT REPLACEMENT EXHIBIT - Randolph Avenue

## From Snelling Avenue to Lexington Parkway



SEE NOTES ON SHEET 1 OF 4

Pre-Reconstruction					Post-Reconstruction	
Point No.	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
8078	149656.884	557377.778	1/2 inch iron pipe	6/03/2013	Found in Place	6/27/2016
8082	149655.645	558637.501	1/2 inch iron pipe with broken cap	6/03/2013	Found in Place	6/29/2016
8177	149656.109	558039.246	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8178	149656.051	558075.510	1/2 inch iron pipe	6/18/2013	Found in Place	6/29/2016
8179	149656.110	558113.505	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8180	149656.343	558189.613	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8181	149656.153	558227.527	1/4 inch solid pin	6/18/2013	Found in Place	6/29/2016
8182	149655.974	558347.605	1/2 inch iron pipe with broken cap	6/18/2013	Found in Place	6/29/2016
8184	149655.962	558387.446	1/2 inch iron pipe	6/18/2013	Found in Place	6/29/2016
8185	149655.931	558427.400	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8187	149655.843	558467.438	1/2 inch iron pipe with broken cap	6/18/2013	Found in Place	6/29/2016
8188	149575.967	558207.982	1/2 inch iron pipe with cap inscribed 12294	6/18/2013	Reset*	6/29/2016
8189	149656.312	557897.850	1/2 inch iron pipe with cap inscribed 9235	6/18/2013	Found in Place	6/27/2016
8190	149656.415	557857.897	3/8 inch iron pipe	6/18/2013	Reset*	6/29/2016
8191	149656.552	557817.834	3/8 inch iron pipe with 1/4 inch rebar inside	6/18/2013	Reset*	6/29/2016

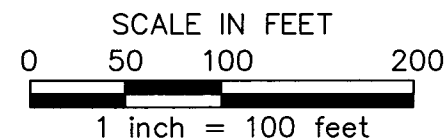
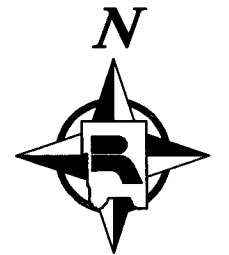
\*Set a 5/8 inch by 14 inch rebar with a plastic cap embossed "Ramsey County 45816"

\*\*Set a PK nail and disk inscribed "Ramsey County 45816"

Pre-Reconstruction					Post-Reconstruction	
Point No.	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
8192	149656.678	557657.768	1/2 inch solid rod	6/18/2013	Found in Place	6/27/2016
8193	149656.709	557617.957	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8194	149656.676	557577.937	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8195	149656.641	557537.897	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8196	149656.980	557498.006	1/2 inch iron pipe	6/18/2013	Reset*	6/29/2016
8197	149656.764	557457.993	1/4 inch square rod	6/18/2013	Found in Place	6/27/2016
8198	149656.912	557417.908	1/2 inch iron pipe	6/18/2013	Found in Place	6/27/2016
8199	149576.118	557977.755	1/2 inch pinch top pipe	6/18/2013	Reset*	6/29/2016
8200	149576.683	557388.934	1/2 inch pinch top pipe	6/18/2013	Found in Place	6/27/2016

### LEGEND

- Denotes approximate pre-construction public right of way line.
- Denotes approximate existing Parcel Line.
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- ⊙ Denotes Ramsey County cast iron monument.



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# SURVEY MONUMENT REPLACEMENT EXHIBIT - Randolph Avenue

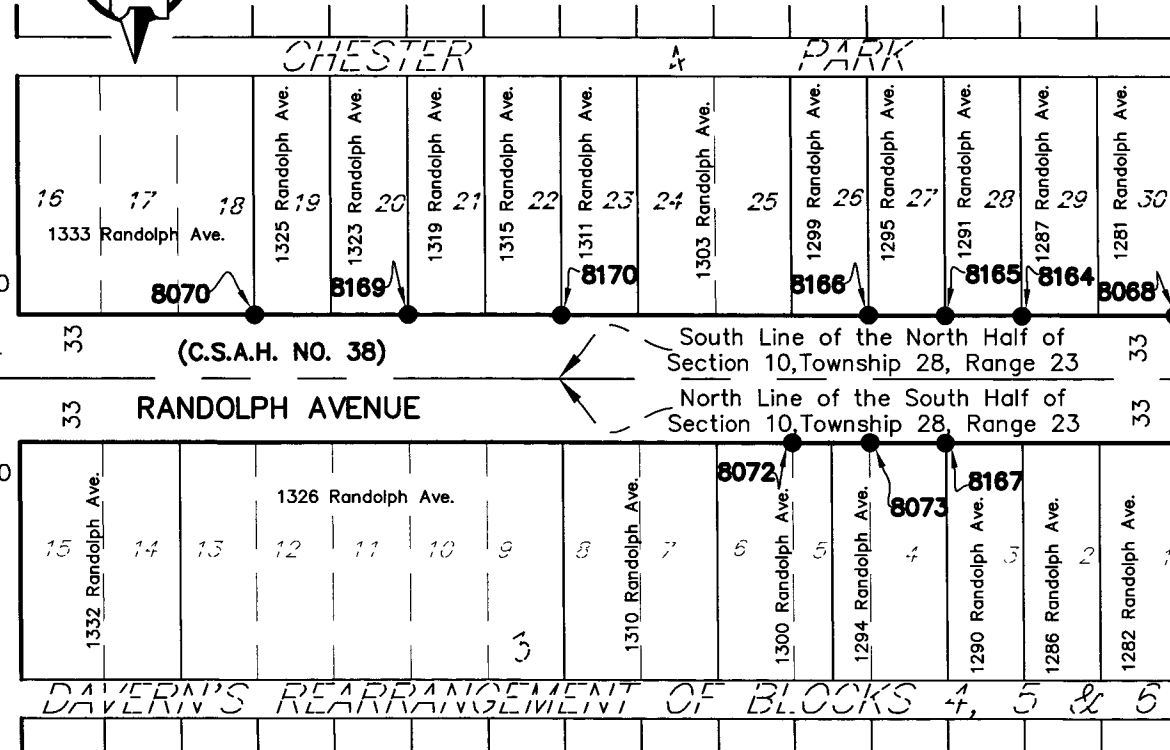
## From Snelling Avenue to Lexington Parkway



MATCH LINE  
SEE SHEET 2 OF 4 SHEETS

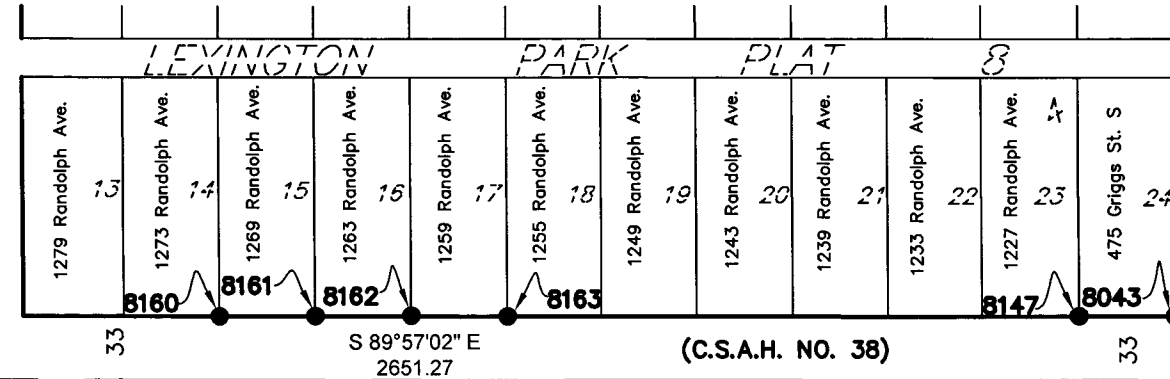
Center of Section 10  
Township 28, Range 23  
(Mon. 653)

HAMLINE AVENUE



SYNDICATE STREET

SYNDICATE STREET



GRIGGS STREET

GRIGGS STREET

MATCH LINE  
SEE SHEET 4 OF 4 SHEETS

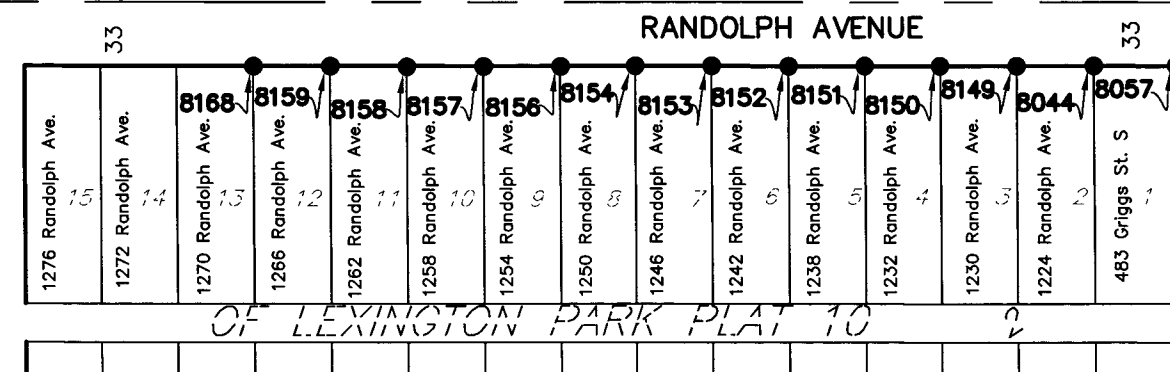
East Quarter Corner of  
Section 10  
Township 28, Range 23  
(Mon. 654)

SEE NOTES ON SHEET 1 OF 4

Point No.	Pre-Reconstruction				Post-Reconstruction	
	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
8043	149647.746	559963.121	3/4 inch iron pipe	5/30/2013	Reset*	8/08/2017
8044	149581.642	559920.154	1/2 inch iron pipe partially under concrete sidewalk	5/30/2013	Found in Place	8/08/2017
8057	149581.639	559963.156	3/8 inch iron pipe	5/30/2013	Reset*	8/09/2017
8068	149648.100	559300.435	1/2 inch iron pipe	6/03/2013	Found in Place	7/07/2016
8070	149648.608	558820.372	PK nail in bituminous parking lot	6/03/2013	Reset**	7/07/2016
8072	149582.412	559100.313	1/2 inch iron pipe	6/03/2013	Found in Place	7/07/2016
8073	149582.445	559140.705	1/2 inch iron pipe	6/17/2013	Found in Place	7/07/2016
8147	149647.878	559913.135	3/4 inch pinch top pipe	6/17/2013	Found in Place	8/08/2017
8149	149581.534	559880.206	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8150	149581.610	559840.044	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8151	149581.735	559800.148	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8152	149581.613	559760.390	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8153	149581.846	559720.359	1/2 inch iron pipe with cap inscribed 3073	6/17/2013	Found in Place	8/08/2017
8154	149581.832	559680.417	1/2 inch iron pipe with cap inscribed 3073	6/17/2013	Found in Place	8/08/2017
8156	149581.544	559640.604	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8157	149581.586	559600.508	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8158	149581.477	559560.432	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017

\*Set a 5/8 inch by 14 inch rebar with a plastic cap embossed "Ramsey County 45816"

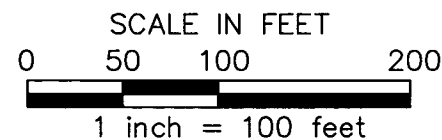
\*\*Set a PK nail and disk inscribed "Ramsey County 45816"



Point No.	Pre-Reconstruction				Post-Reconstruction	
	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
8159	149581.892	559520.503	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8160	149648.098	559463.317	1/2 inch iron pipe	6/17/2013	Reset*	8/08/2017
8161	149648.230	559513.245	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8162	149648.370	559563.199	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8163	149647.953	559613.391	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8164	149647.911	559220.442	1/2 inch pinch top pipe	6/17/2013	Found in Place	7/07/2016
8165	149648.169	559180.285	1/2 inch pinch top pipe	6/17/2013	Found in Place	7/07/2016
8166	149648.503	559140.292	1/2 inch iron pipe	6/17/2013	Found in Place	7/07/2016
8167	149582.211	559180.089	1/2 inch iron pipe, with spike in middle	6/17/2013	Found in Place	7/07/2016
8168	149581.893	559480.517	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8169	149648.617	558900.128	3/4 inch solid rod	6/17/2013	Found in Place	7/07/2016
8170	149648.356	558979.978	Bolt spike	6/17/2013	Found in Place	7/07/2016

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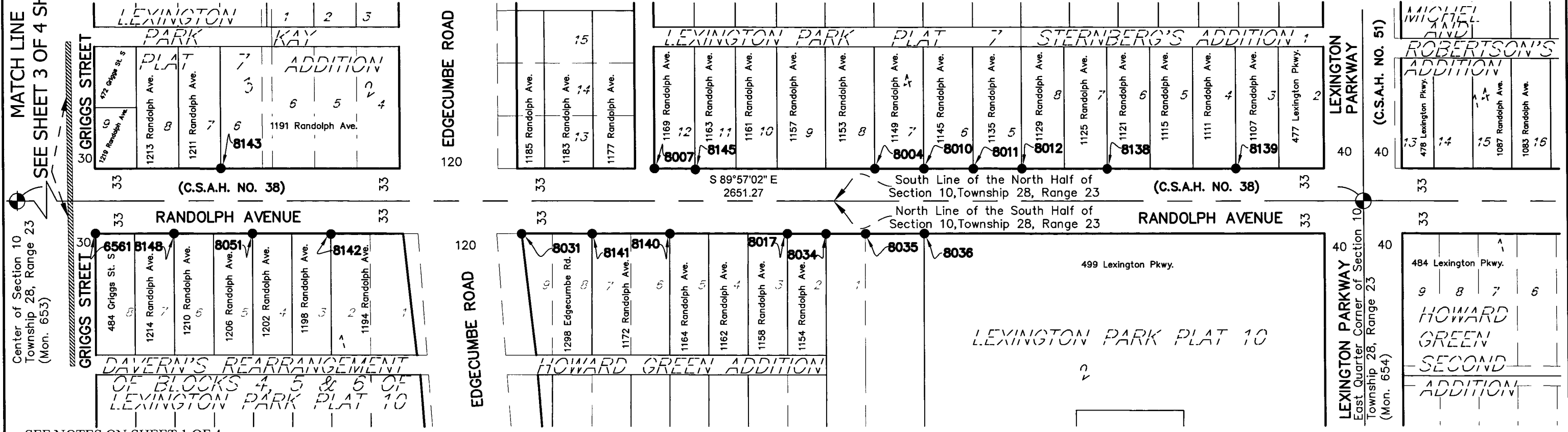
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Project No. 2013-018

# SURVEY MONUMENT REPLACEMENT EXHIBIT - Randolph Avenue

## From Snelling Avenue to Lexington Parkway

MATCH LINE  
SEE SHEET 3 OF 4 SHEETS



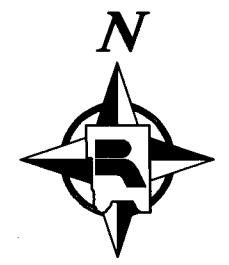
SEE NOTES ON SHEET 1 OF 4

Pre-Reconstruction				Post-Reconstruction		
Point No.	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
6561	149581.675	560023.315	8 inch by 8 inch Granite Monument, below walk	6/27/2016	Reset*	8/08/2017
8004	149646.847	560818.942	1/2 inch iron pipe	5/15/2013	Found in Place	8/08/2017
8007	149647.049	560593.600	RR spike	5/15/2013	Reset*	8/09/2017
8010	149646.757	560868.949	1/2 inch iron pipe	5/15/2013	Found in Place	8/08/2017
8011	149646.567	560918.992	1 inch iron pipe	5/15/2013	Found in Place	8/08/2017
8012	149646.631	560969.061	1/2 inch iron pipe	5/15/2013	Reset*	8/21/2017
8017	149580.941	560728.756	1/2 inch iron pipe	5/15/2013	Reset*	8/21/2017
8031	149580.903	560457.693	1/2 inch iron pipe	5/15/2013	Reset**	8/21/2017
8034	149580.787	560768.682	1/2 inch iron pipe	5/15/2013	Reset*	8/21/2017
8035	149580.839	560809.084	1/2 inch iron pipe with cap inscribed 18425	5/15/2013	Reset*	8/21/2017
8036	149580.867	560868.992	1/2 inch iron pipe with cap inscribed 18425	5/15/2013	Found in Place	8/08/2017
8051	149581.420	560183.012	3/4 inch pinch top pipe with top broken off	5/30/2013	Reset**	8/21/2017
8138	149646.392	561056.577	3/8 inch iron pipe	6/17/2013	Found in Place	8/08/2017

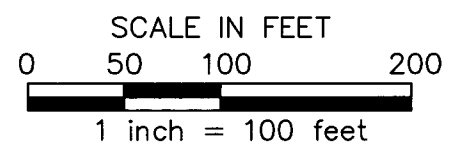
Pre-Reconstruction				Post-Reconstruction		
Point No.	Northing	Easting	Description of Monument Found	Date Found	Found in Place/Reset*	Date Found/Reset
8139	149646.626	561188.681	Bolt spike	6/17/2013	Reset*	8/21/2017
8140	149580.866	560609.079	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8141	149580.925	560529.104	3/4 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8142	149580.780	560263.094	1/2 inch iron pipe with cap inscribed 8612	6/17/2013	Reset**	8/21/2017
8143	149647.579	560151.051	1/2 inch iron pipe	6/17/2013	Found in Place	8/08/2017
8145	149646.107	560635.595	1/2 inch iron pipe, top damaged	6/17/2013	Unable to Reset	8/21/2017
8148	149581.509	560103.085	1/2 inch iron pipe with cap inscribed 3073	6/17/2013	Found in Place	8/08/2017

### LEGEND

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