



**To:** MAYOR AND CITY COUNCIL

**Agenda Item #:** VIII. C.

**From:** Chad A. Millner, PE, Director of Engineering

**Action**

**Discussion**

**Date:** April 7, 2015

**Information**

**Subject:** Resolution 2015-33 Municipal State Aid Routes Designation Changes

### **Action Requested:**

Adopt Resolution 2015-33 to revise the City of Edina's Municipal State Aid System.

### **Information / Background:**

To support the state's system of roadways, Minnesota Department of Transportation allocates construction and maintenance funds for counties, cities, and townships with populations greater than 5,000 through the Municipal State Aid Street (MSAS) program.

Cities are allowed to designate up to 20% of their total local street mileage as MSA roadways. The City of Edina has 204.25 miles of local roadways, which translates to a maximum MSA allocation of 40.85 miles. After completing the 2014 Annual Certification of Mileage, Edina currently designates 40.69 miles as MSA, with 0.16 miles remaining eligible for designation.

50% of Municipal State Aid funding is apportioned based on city populations. The other 50% is apportioned based on Construction Needs, or the relative cost to build and maintain city streets to MSA design standards. These design standards are based on existing traffic volumes, such that higher-volume roadways are more expensive to construct due to the street width requirements. Designating higher-volume roadways, therefore, generates a larger value for Construction Needs, which results in a larger portion of the overall Construction Needs allocation.

For this reason, the Engineering Department recommends making the following revisions to the City of Edina's Municipal State Aid system;

- Revoking 1.48 miles of MSA roadways with traffic volumes between 1,400 and 1,800 vehicles per day
- Designating 1.85 miles of local streets with traffic volumes between 2,600 and 5,100 vehicles per day as MSA roadways
- Designating 0.42 miles of MSA roadway as common boundary MSA roadway with the City of Bloomington

The existing 2.06 miles of MSA roadways recommended for revisions (including revocations, common boundary revision, and undesignated mileage) generate \$2,399,211.46 in Construction Needs, or \$1,165,000 per mile. The 2.06 miles of newly-designated MSA routes (including the common boundary revision) generate \$2,873,368.33 in Construction Needs, or \$1,395,000 per mile. Together, these revisions will increase Construction Needs by \$474,156.87, resulting in a larger percentage of the overall MSA Needs allocation.

Staff recommends adopting Resolution 2015-33.

**Attachments:**

Resolution 2015-33 Municipal State Aid System Revisions

City of Edina Engineering Department Municipal State Aid Revisions Letter

Minnesota Department of Transportation Municipal State Aid Needs Unit Memo

City of Edina 2014 Annual Certification of Mileage

**RESOLUTION NO. 2015-33**  
**REVISING MUNICIPAL STATE AID STREETS**

**WHEREAS**, the City Council of the City of Edina is the official governing body of the City of Edina; and

**WHEREAS**, it appears to the City Council of the City of Edina that revisions hereinafter described shall be made to the City's Municipal State Aid Streets system under the provisions of Minnesota Laws;

**BE IT RESOLVED**, by the City Council of the City of Edina that the roads described as follows, to-wit:

Valley View Road from Tracy Venue to Hillside Road  
(MSAS 120-152-10, Length = 0.14 miles)

Valley View Road from Hillside Road to Hanson Road  
(MSAS 120-151-70, Length = 0.31 miles)

Hansen Road from Valley View Road to West 60<sup>th</sup> Street  
(MSAS 120-151-80, Length = 0.39 miles)

Hansen Road from West 60<sup>th</sup> Street to Soo Line Railroad  
(MSAS 120-151-90, Length = 0.43 miles)

Hansen Road from Soo Line Railroad to Vernon Avenue  
(MSAS 120-151-100, Length = 0.21 miles)

be, and hereby are, revoked as Municipal State Aid Streets of the City of Edina subject to the approval of the Commissioner of Transportation of the State of Minnesota.

**BE IT FURTHER RESOLVED**, by the City Council of the City of Edina that the roads described as follows, to-wit:

Parklawn Avenue from Gallagher Drive to France Avenue  
(MSAS 174, Length = 0.12 miles)

Normandale Road from Benton Avenue to Willson Road  
(MSAS 178, Length = 0.66 miles)

Willson Road from Normandale Road to Eden Avenue  
(MSAS 178, Length = 0.32 miles)

Normandale Road from West 77<sup>th</sup> Street to Viking Drive  
(MSAS 179, Length = 0.19 miles)

Normandale Road from Edina Industrial Boulevard to Edina Corporate Limits  
(MSAS 180, Length = 0.17 miles)

Washington Avenue from Valley View Road to Edina Corporate Limits

(MSAS 181, common boundary designation with the City of Eden Prairie,  
Total Length = 0.77 miles, Edina Length = 0.39 miles)

be, and hereby are, designated as Municipal State Aid Streets of the City of Edina subject to the approval of the Commissioner of Transportation of the State of Minnesota.

**BE IT FURTHER RESOLVED**, that the City Clerk is hereby authorized and directed to forward two certified copies of this resolution to the Commissioner of Transportation for the Commissioner's consideration.

Adopted April 7, 2015

Attest: \_\_\_\_\_  
Debra A. Mangan, City Clerk

\_\_\_\_\_  
James B. Hovland, Mayor

STATE OF MINNESOTA)  
COUNTY OF HENNEPIN) SS  
CITY OF EDINA )

CERTIFICATE OF CITY CLERK

I, the undersigned duly appointed and acting City Clerk for the City of Edina do hereby certify that the attached and foregoing Resolution was duly adopted by the Edina City Council at its Regular Meeting of April 7, 2015, and as recorded in the Minutes of said Regular Meeting.

WITNESS my hand and seal of said City this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
City Clerk



September 30, 2014  
Revised February 9, 2014  
Revised March 16, 2015

Julie Dresel, P.E.  
Metro State Aid  
Waters Edge Building  
1500 W. County Road B-2  
Roseville, MN 55113-3174

Dear Ms. Dresel,

In an effort to include roadways that better meet the definition of a State Aid Route based on ADT values, and in cooperation with the Cities of Eden Prairie and Bloomington, the City of Edina is proposing revisions to our Municipal State Aid System.

The City wishes to revoke the Municipal State Aid designation from the following segments:

<b>Segment #</b>	<b>Street</b>	<b>Termini</b>	<b>Mileage</b>
120-152-10	Valley View Road	Tracy Avenue to Hillside Road	0.14
120-151-70	Valley View Road	Hillside Road to Hansen Road	0.31
120-151-80	Hansen Road	Valley View Road to West 60 <sup>th</sup> Street	0.39
120-151-90	Hansen Road	West 60 <sup>th</sup> Street to Soo Line Railroad	0.43
120-151-100	Hansen Road	Soo Line Railroad to Vernon Avenue	0.21
<b>Total</b>			<b>1.48</b>

After completing the 2014 Certification of Mileage, the City has 0.16 miles that are available to designate. After revoking the above segments, the total mileage available for designation is 1.64 miles.

Therefore, the City of Edina wishes to propose a system revision. The following table lists the proposed street designations:

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**ENGINEERING DEPARTMENT**

7450 Metro Boulevard • Edina, Minnesota 55439  
www.EdinaMN.gov • 952-826-0371 • Fax 952-826-0392



**New Segments -**

<b>Location #</b> (on map)	<b>Street</b>	<b>Termini</b>	<b>Total Mileage</b>	<b>Edina Mileage</b>
1	Washington Avenue	Valley View Road to Edina Corporate Limits (1/2 Eden Prairie)	0.77	0.39
2	Parklawn Avenue	Gallagher Avenue to France Avenue	0.12	0.12
3	Normandale Road	Benton Avenue to South View Lane	0.25	0.25
4	Normandale Road	South View Lane to Willson Road	0.41	0.41
5	Willson Road	Normandale Road to Eden Avenue	0.32	0.32
6	Normandale Road	Edina Industrial Boulevard to Edina Corporate Limits	0.17	0.17
7	Normandale Road	W 77 <sup>th</sup> Street to Viking Drive	0.19	0.19
<b>Total</b>				<b>1.85</b>

**Revised Segments -**

<b>Location #</b> (on map)	<b>Street</b>	<b>Termini</b>	<b>Total Mileage</b>	<b>Edina Mileage</b>
8	W 78 <sup>th</sup> Street (MSAS 120-176-10, 120-176-15)	W 78 <sup>th</sup> Street Roundabout (east of TH169) to Edina Corporate Limits (1/2 Bloomington)	0.42	0.21
<b>Total</b>				<b>0.21</b>

Location 1: Washington Avenue, Valley View Road to Edina Corporate Limits (1/2 Eden Prairie)

This segment provides primary access to many industrial businesses in Edina and Eden Prairie, as well as secondary access to industrial businesses on West 74<sup>th</sup> Street and West 76<sup>th</sup> Street. The ADT of this segment is 4,800 vehicles per day.

Location 2: Parklawn Avenue, Gallagher Avenue to France Avenue

This segment provides primary access to commercial and residential properties, and connects existing State Aid routes on Parklawn Avenue and Gallagher Avenue. The ADT of this segment is 2,600 vehicles per day.

Location 3: Normandale Road, Benton Avenue to South View Lane

This segment provides access to northbound Trunk Highway 100, Normandale Elementary School, the Edina Community Center, and connects existing State Aid routes on Benton Avenue and South View Lane. The ADT of this segment is 4,900 vehicles per day.

Location 4: Normandale Road, South View Lane to Willson Road

This segment provides primary access to residential neighborhoods, commercial businesses, and connects existing State Aid routes on South View Lane and Eden Avenue. The ADT of this segment is 4,100 vehicles per day.

**ENGINEERING DEPARTMENT**



Location 5: Willson Road, South View Lane to Eden Avenue

This segment provides primary access to residential neighborhoods, commercial businesses, and connects existing State Aid routes on South View Lane and Eden Avenue. The ADT of this segment is 4,100 vehicles per day.

Location 6: Normandale Road, Edina Industrial Boulevard to Edina Corporate Limits

This segment provides primary access to commercial and industrial businesses, and connects existing State Aid routes in the Cities of Edina and Bloomington. The ADT of this segment is 4,850 vehicles per day.

Location 7: Normandale Road, West 77<sup>th</sup> Street to Viking Drive

This segment provides primary access to commercial and industrial businesses, and connects existing State Aid routes in the Cities of Edina and Bloomington. The ADT of this segment is 3,500 vehicles per day.

Location 8: West 78<sup>th</sup> Street, East Frontage Road th169 to Edina Corporate Limits (1/2 Bloomington)

In cooperation with the City of Bloomington, we are proposing to combine these two segments (MSAS 176-10 and 176-15) and designate it as a "common boundary" segment. The total length is 0.42 miles, which is currently all included in Edina's mileage. After this change, The Cities of Edina and Bloomington will each take 0.21 miles of this segment into their systems.

This segment provides access to many commercial and industrial businesses in Edina and Bloomington, and connects existing State Aid routes in the Cities of Edina and Bloomington. The ADT of this segment is 8,000 vehicles per day.

Attached is a map showing the locations of proposed revocations and designations of MSA streets in the City of Edina.

We are submitting this for your review and approval prior to approval by the City Council by resolution. Please feel free to contact me at 952-826-0318 or [cmillner@EdinaMN.gov](mailto:cmillner@EdinaMN.gov) with any questions.

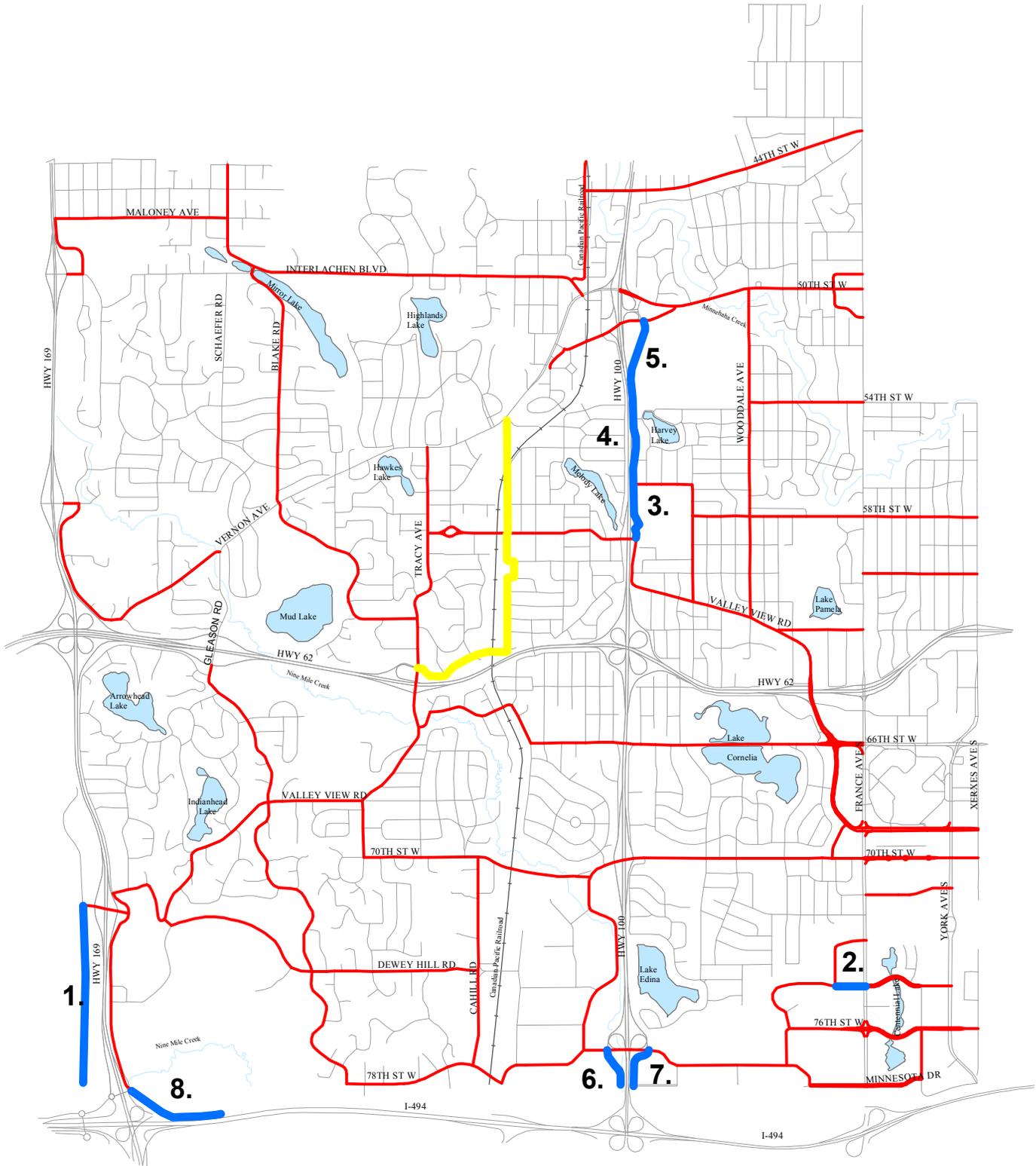
Sincerely,

A handwritten signature in black ink that reads "Chad A. Millner".

Chad A. Millner, P.E.  
Director of Engineering

cc: Bill Lanoux/MnDOT  
Julee Puffer/MnDOT  
Margaret Hylton/MnDOT  
Randy Newton/Eden Prairie  
Jen Desrude/Bloomington

# City of Edina Municipal State Aid Streets



- **State Aid Streets**
- **Proposed State Aid Revocations**
- **Proposed State Aid Designations**





Minnesota Department of Transportation  
 395 John Ireland Boulevard  
 Saint Paul, MN 55155

# Memo

**TO:** Mr. Chad Millner (Acting)  
 Edina City Engineer  
 7450 Metro Blvd.  
 Edina, MN 55439

**FROM:** William Lanoux  
 Manager, Municipal State Aid Needs Unit

**DATE:** March 20, 2015

**SUBJECT:** Municipal State Aid Designations and Revocations

**The following Municipal State Aid Street designations will be approved when the City Council resolution is received:**

- Extension of MSAS 174 Parklawn Avenue- Gallagher Drive to France Avenue (CSAH 17) (0.12 existing miles)
- MSAS 178 Normandale Road / Wilson Road- Benton Avenue to Eden Avenue (0.98 existing miles)
- MSAS 179 Normandale Road (East of TH 100)- Viking Drive to West 77<sup>th</sup> Street (0.19 existing miles)
- MSAS 180 Normandale Road (West of TH 100)- Corporate Limits to Edina Industrial Boulevard (0.17 existing miles)
- MSAS 181 Washington Ave- Corporate Limits to Valley View Road (common boundary designation with Eden Prairie. Total length of 0.78 miles. Each city designates 0.39 miles on its MSAS system.)

**The following Municipal State Aid Street revocations will be approved when the City Council resolution is received:**

- Part of MSAS 152 Valley View Road- Tracy Avenue to Hillside Road (0.14 existing miles)
- Part of MSAS 151 Valley View Road- Hillside Road to Hansen Road (0.31 existing miles)
- Part of MSAS 151 Hansen Road- Valley View Road to Vernon Avenue (CSAH 158) (1.03 existing miles)

**The following two Municipal State Aid Street segments need to be combined into one segment and then designated as “common boundary”. They do not need to be included on the City Council resolution because they are staying on the MSAS system:**

These are the two segments as they are **before** revision:

- MSAS 176 West 78<sup>th</sup> Street- City Limits to 0.20 Mi W. (0.20 existing miles)
- MSAS 176 West 78<sup>th</sup> Street- 0.20 MI W of City Limits to E Frontage Rd TH 169 (0.22 existing miles)

There will be one segment **after** the system revision:

- MSAS 176 West 78<sup>th</sup> Street- Corporate Limits to East Frontage Road TH 169 (Common Boundary designation with Bloomington. Total length is 0.42 miles. Each city designates 0.21 miles on its MSAS system.)

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(Bottom line: Edina had 0.42 of needs miles on W. 78<sup>th</sup> Street. After revision it will be 0.21)

**The following documents must be submitted before further processing can occur:**

**A Commissioner's Order will follow after the City Council resolution is received and approved by the Commissioner.**

**Needs Update Comments:**

No paybacks on revocations

If the City Council resolution is received by the DSAE by May 1, 2015, routes designated can receive Needs and will be used in the calculation of your 2016 allotment. Include the road data with your normal spring 2015 computer Needs update.

**Certification of Mileage Update Comments:**

If the City Council resolution is received by the DSAE by May 1, 2015 include the revisions on the 2015 Annual Certification of Mileage that is due in January 2016.

If you have any questions, contact your DSAE or Bill Lanoux at (651) 366-3817 for instructions.

	Available Mileage	0.16	2014 Certified Mileage
+	Revoked Mileage	1.48	
+	Change on W. 78 <sup>th</sup> Street	0.21	Now a common boundary
-	<u>Designated Mileage</u>	<u>1.85</u>	
	Remaining Available Mileage	0.00	

cc. District State Aid Engineer  
File

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# 2014 ANNUAL CERTIFICATION OF MILEAGE

SEE INSTRUCTIONS INCLUDED ON WEB SITE  
RECORD REVISIONS ON BACK OF FORM  
SUBMIT TO YOUR DSAE BY JANUARY 15, 2015

	Municipal Mileage as of Dec. 31, 2013				Revisions During Current Year (+ or -)				Municipal Mileage as of Dec. 31, 2014			
	Non- Existing	Unimproved	Improved	Total	Non- Existing	Unimproved	Improved	Total	Non- Existing	Unimproved	Improved	Total
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>MILEAGE NOT CONSIDERED IN THE COMPUTATION OF BASIC MILEAGE</b>												
1. Trunk Highways			13.63	13.63							13.63	13.63
2. Trunk Highways Turnbacks (Designated as MSAS - mileage above 20%)												
3. County State Aid Highways (Exclude mileage designated as MSAS)			9.06	9.06							9.06	9.06
4. County State Aid Highway Turnbacks (Designated as MSAS - mileage above 20%)												
5. Total Mileage of Line 1 Thru 4	Previous =		22.69		(+ or -) Adjustment =				Current =		22.69	
<b>BASIC MILEAGE: MILEAGE CONSIDERED IN THE COMPUTATION OF ALLOWABLE MILEAGE</b>												
6. Municipal State Aid Streets (Exclude Trunk and County Highway Turnbacks and Mileage Partly Outside the City Limits in a non MSAS city)			40.27	40.27			0.42	0.42			40.69	40.69
7. County Road Turnbacks (Designated as MSAS)												
8. County Roads (Exclude mileage designated as MSAS)												
9. Other Local Roads And Streets - not designated (Include T.H. & CSAH frontage roads)			163.98	163.98			(0.42)	(0.42)			163.56	163.56
10. Total Improved Basic Mileage (lines 6 + 7 + 8 + 9)	Previous =		204.25		(+ or -) Adjustment =				Current =		204.25	
11. Percentage Limitation Allowed by Statute									x	<u>0.20</u>		
12. MAXIMUM MILEAGE ALLOWED FOR M.S.A.S. DESIGNATIONS (Col XI, Line 10 Times Line 11).											<u>40.85</u>	
13. Total Municipal State Aid Street Designated (Colum XII, Line 2 + 4 + 6 + 7).											<u>40.69</u>	
14. Total Miles of T.H. & County Highway Turnbacks designated as MSAS Above 20% (Col. XII Line 2 + 4 + 7).									(-)			
15. Mileage designated MSAS - not including T.H. and C.R. Turnback mileage (Line 13 minus Line 14).										(-)	<u>40.69</u>	
16. MSAS Mileage Partly Outside the City Limits in a non MSAS city										(-)		
17. Municipal State Aid Street Mileage Over/Under Maximum Allowed. (Line 12 minus line 15 minus Line 16).											<u>0.16</u>	

I hereby certify that the total Improved Mileage (Col.XI. Line 5 + 10) in the Municipality of Edina as of December 31, 2014 is 226.94 Miles.

Signed *[Signature]* Title Director of Engineering Date 1/13/15

## REVISIONS MADE DURING 2014

New Construction, System Revision, Jurisdictional Exchange, Administrative Revision, etc.

MUNICIPAL STATE AID STREETS Regular Mileage									
Route Number	Original Miles	MILEAGE CHANGE + OR -				Revised or New Miles	Date of Change	Reason	Indicate if Needs were updated in 2014
		Non-Existing	Un-Improved	Improved	Total				
136	2.33			0.02	0.02	2.35	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
138	1.42			0.06	0.06	1.48	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
141	1.09			(0.05)	-0.05	1.04	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
143	1.65			(0.01)	-0.01	1.64	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
145	2.71			0.05	0.05	2.76	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
147	2.12			(0.02)	-0.02	2.10	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
148	2.16			0.08	0.08	2.24	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
150	2.70			0.02	0.02	2.72	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
151	3.68			(0.02)	-0.02	3.66	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
152	1.49			(0.22)	-0.22	1.27	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
154	0.58			(0.01)	-0.01	0.57	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
156	0.90			0.02	0.02	0.92	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
157	0.39			(0.02)	-0.02	0.37	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
160	0.42			0.16	0.16	0.58	12/31/2014	Overall system reviewed, improved accuracy of measuring techniques, shared mileage with City of Bloomington included	No
161	1.25			0.02	0.02	1.27	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
164	0.70			0.04	0.04	0.74	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
171	0.28			0.20	0.20	0.48	12/31/2014	Overall system reviewed, improved accuracy of measuring techniques, shared mileage with City of Bloomington included	No
173	0.24			(0.02)	-0.02	0.22	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
176	1.16			0.10	0.10	1.26	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques, shared mileage with City of Bloomington included	No
177	1.99			0.02	0.02	2.01	12/30/2014	Overall system reviewed, improved accuracy of measuring techniques	No
	29.26			0.42	0.42	29.68	TOTAL MILEAGE CHANGE + or - (insert on Line 6)		

MUNICIPAL STATE AID STREETS County Road, CSAH or TH Turnback									
							TOTAL MILEAGE CHANGE + or - (insert on Line 2 or Line 4 or Line 7)		

COUNTY ROADS or COUNTY STATE AID HIGHWAYS									
							TOTAL MILEAGE CHANGE + or - (insert on Line 3 or Line 8)		

TRUNK HIGHWAYS									
							TOTAL MILEAGE CHANGE + or - insert on Line 1		