

# 2017 Municipal State Aid Street Needs Report



## Rail Grade Separation Project

Vicksburg Lane: City of Plymouth, MN

October 2017



# **City of Plymouth, MN Rail grade separation project**

**Before**



**After**



## PREFACE

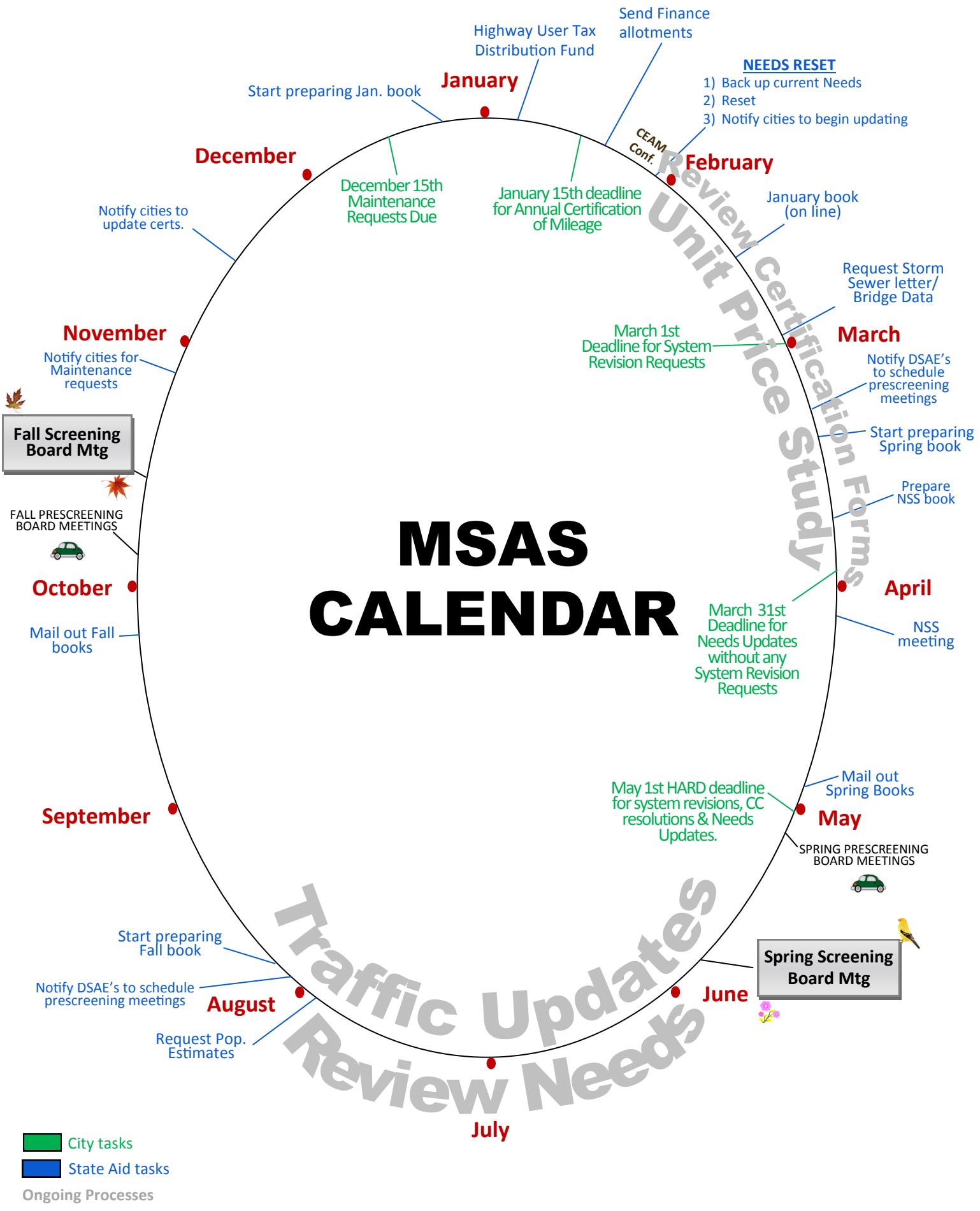
The **2017 Municipal State Aid Street Needs Report** is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

This submittal is required by MN. Statute 162.13 and is to be made to the Commissioner on or before November 1st of each year.

The construction (money) needs data contained in this book were compiled after Needs updates and traffic updates were submitted for each municipality. Construction Needs are calculated by applying the unit prices (as determined by the Municipal Screening Board at their spring meeting in June 2017) to the quantities in the appropriate urban ADT group. Explanations for Needs Calculations are in the resolutions of the Municipal Screening Board.

Population data is combined with the Commissioner's final construction (money) needs and the result will be used to determine the 2018 allocations which will be reported in the "2018 Municipal State Aid Apportionment Data" to be published in January.

# MSAS CALENDAR



# The State Aid Program Mission Study

## Mission Statement:

**The purpose of the state-aid program is to provide resources, from the Highway Users Tax Distribution Fund, to assist local governments with the construction and maintenance of community-interest highways and streets on the state-aid system.**

## Program Goals:

The goals of the state-aid program are to provide users of secondary highways and streets with:

- Safe highways and streets;
- Adequate mobility and structural capacity on highways and streets; and
- An integrated transportation network.

## Key Program Concepts:

*Highways and streets of community interest* are those highways and streets that function as an integrated network and provide more than only local access. Secondary highways and streets are those routes of community interest that are not on the Trunk Highway system.

A community interest highway or street may be selected for the state-aid system if it:

- A. Is projected to carry a relatively heavier traffic volume or is functionally classified as collector or arterial
- B. Connects towns, communities, shipping points, and markets within a county or in adjacent counties; provides access to rural churches, schools, community meeting halls, industrial areas, state institutions, and recreational areas; serves as a principal rural mail route and school bus route; or connects the points of major traffic interest, parks, parkways, or recreational areas within an urban municipality.
- C. Provides an integrated and coordinated highway and street system affording, within practical limits, a state-aid highway network consistent with projected traffic demands.

The function of a road may change over time requiring periodic revisions to the state-aid highway and street network.

*State-aid funds* are the funds collected by the state according to the constitution and law, distributed from the Highway Users Tax Distribution Fund, apportioned among the counties and cities, and used by the counties and cities for aid in the construction, improvement and maintenance of county state-aid highways and municipal state-aid streets.

The *Needs* component of the distribution formula estimates the relative cost to build county highways or build and maintain city streets designated as state-aid routes.

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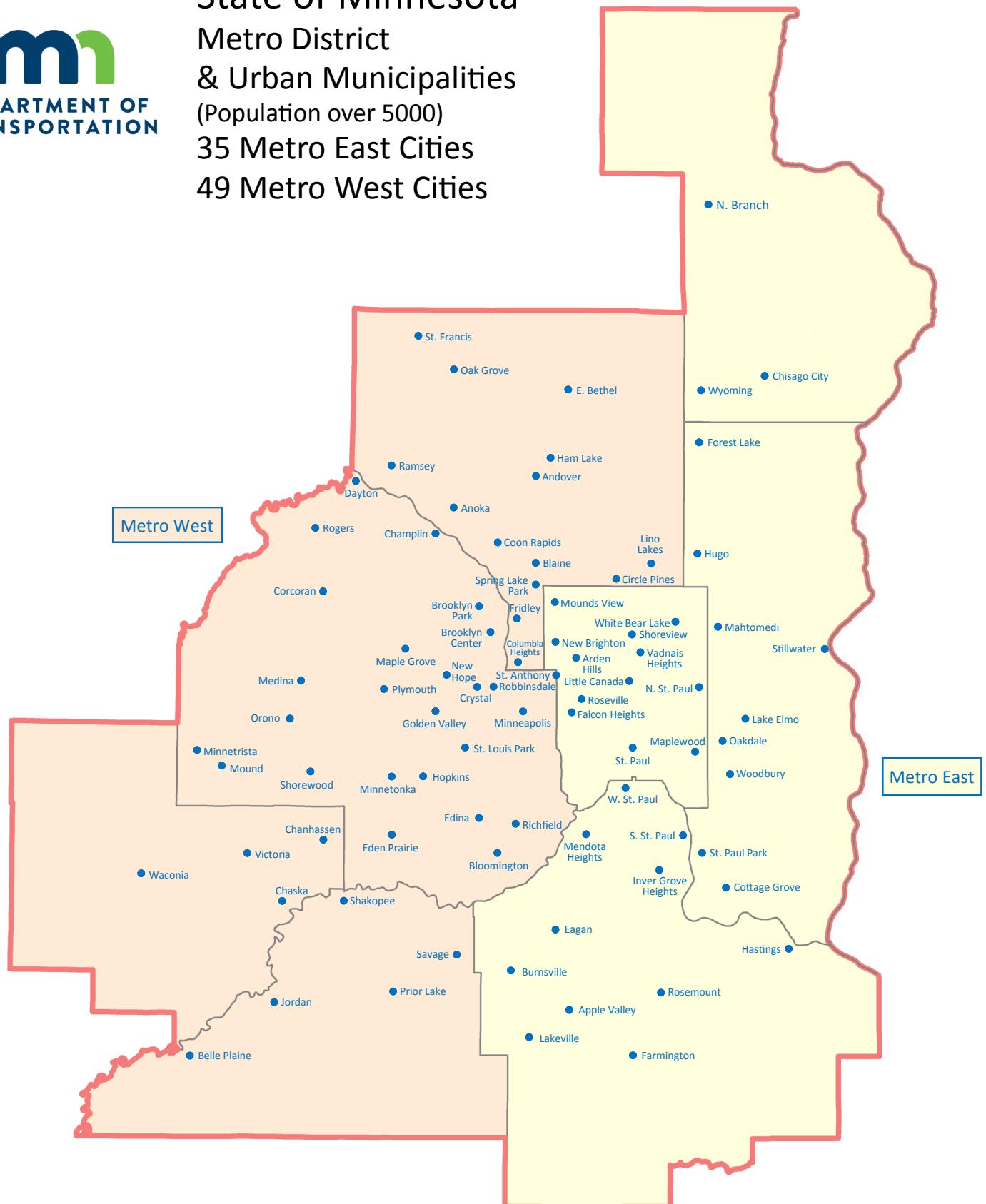
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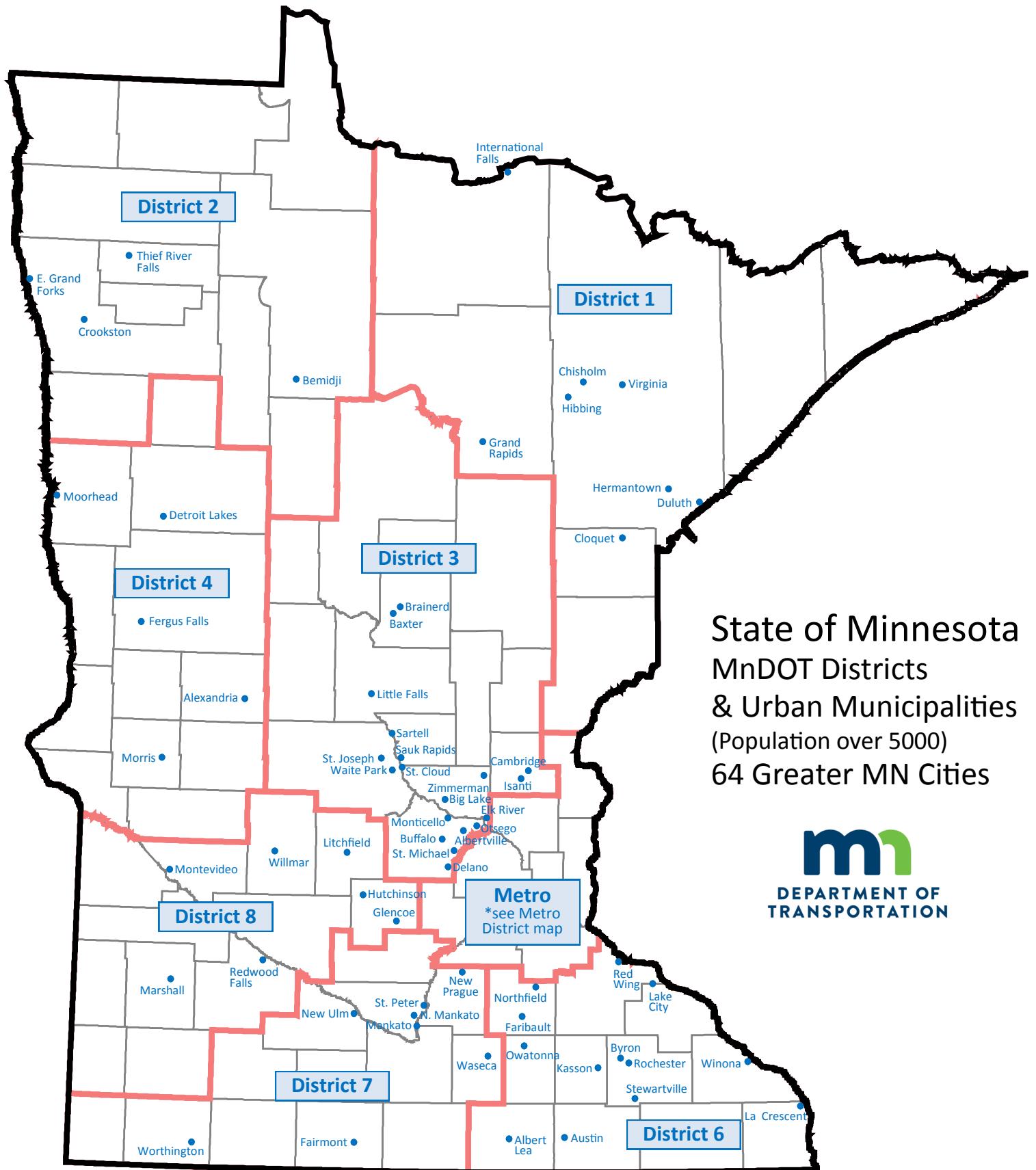
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**State of Minnesota  
Metro District  
& Urban Municipalities  
(Population over 5000)  
35 Metro East Cities  
49 Metro West Cities**



Updated 12/9/14



# State of Minnesota MnDOT Districts & Urban Municipalities (Population over 5000) 64 Greater MN Cities



DEPARTMENT OF  
TRANSPORTATION

Updated 1/8/14

# 2017 MUNICIPAL SCREENING BOARD

04-Aug-17

## Officers

Chair	Marc Culver	Roseville	(651) 792-7041
Vice Chair	Glenn Olson	Marshall	(507) 537-6774
Secretary	John Gorder	Eagan	(651) 675-5645

## Members

District	Years Served	Representative	City	Phone
1	2017-2019	Matt Wegwerth	Grand Rapids	(218) 326-7625
2	2015-2017	Craig Gray	Bemidji	(218) 333-1851
3	2015-2017	Justin Femrite	Elk River	(763) 635-1051
4	2016-2018	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	2016-2018	Steve Lillehaug	Shakopee	(952) 233-9361
6	2016-2018	Jay Owens	Red Wing	(651) 385-3625
7	2017-2019	Mark DuChene	Waseca	(507) 835-9716
8	2015-2017	Sean Christensen	Willmar	(320) 214-5169
Metro-East	2017-2019	VACANT	VACANT	(651) xxx-xxxx
<u>Cities</u>	Permanent	Cindy Voigt	Duluth	(218) 730-5200
<u>of the</u>	Permanent	Don Elwood	Minneapolis	(612) 673-3622
<u>First</u>	Permanent	Richard Freese	Rochester	(507) 328-2426
<u>Class</u>	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

## Alternates

District	Year Beginning		City	Phone
1	2020	Caleb Peterson	Cloquet	(218) 879-6758
2	2018	Rich Clauson	Crookston	(218) 281-6522
3	2018	Adam Nafstad	Albertville	(763) 497-3384
4	2019	Brian Yavarow	Fergus Falls	(218) 332-5413
Metro-West	2019	Chad Milner	Edina	(952) 826-0318
6	2019	Kyle Skov	Owatonna	(507) 444-4350
7	2020	Chris Cavett	New Prague	(507) 388-1989
8	2018	Andy Kehren	Redwood Falls	(507) 794-5541
Metro-East	2020	Tom Wesolowski	Shoreview	(651) 490-4652

## 2017 SUBCOMMITTEES

The Screening Board Chair appoints one city Engineer, who has served on the Screening Board, to serve a three year term on the Needs Study Subcommittee.

The past Chair of the Screening Board is appointed to serve a three year term on the Unencumbered Construction Fund Subcommittee.

Needs Study Subcommittee	Unencumbered Construction Funds Subcommittee
Rich Clauson Crookston (218) 281-6522 Expires after 2017	Steve Bot St. Michael (763) 497-2041 Expires after 2017
Jon Pratt Detroit Lakes (218) 847-5607 Expires after 2018	Klayton Eckles Woodbury (651) 714-3593 Expires after 2018
Jeff Johnson Mankato (507) 387-8640 Expires after 2019	Jeff Johnson Mankato (507) 387-8640 Expires after 2019

## MUNICIPAL SCREENING BOARD REPRESENTATIVES

## Districts

# MUNICIPAL SCREENING BOARD REPRESENTATIVES

Cities of the First Class and Officers

## Cities of the First Class and Officers

	MINNEAPOLIS	ST. PAUL	DULUTH	ROCHESTER	CHAIR	VICE CHAIR	SECRETARY
1992	HOSHAW	KUHFELD	LARSON		EDWARDS	GRAY	LARSON
				Fergus Falls	Eden Prairie	Duluth	
1993	SPURRIER	KUHFELD	LARSON		GRAY	LARSON	SONNENBERG
				Eden Prairie	Duluth	Minnetonka	
1994	KANNANKUTTY	KUHFELD	LARSON		LARSON	SONNENBERG	SWANSON
				Duluth	Minnetonka	Willmar	
1995	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG	SWANSON	BACHMEIER	
				Minnetonka	Willmar	Oakdale	
1996	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG	BACHMEIER	RODEBERG	
				Oakdale	Hutchinson		
1997	KANNANKUTTY	WARN	BEEMAN	BACHMEIER	RODEBERG	ASHFELD	
				Oakdale	Hutchinson	Maple Grove	
1998	KANNANKUTTY	WARN	WINSON	RODEBERG	ASHFELD	HALTER	
				Hutchinson	Maple Grove	Grand Rapids	
1999	KANNANKUTTY	WARN	WINSON	RODEBERG	VACANT	Woodbury	
						JESSUP	
2000	KANNANKUTTY	WARN	BRINK	ASHFELD	JESSUP	DRAKE	
	SONNENBERG			Maple Grove	Woodbury	Red Wing	
2001	SONNENBERG	WARN	METSO	JESSUP	DRAKE	GUSTAFSON	
				Woodbury	Red Wing	Minnetonka	
2002	SONNENBERG	WARN	METSO	DRAKE	GUSTAFSON	METSO	
	OGREN	KURTZ		Red Wing	Minnetonka	Duluth	
2003	FABRY	KURTZ	METSO	GUSTAFSON	METSO	HAGEN	
				Minnetonka	Duluth	St. Louis Park	
2004	FABRY	KURTZ	METSO	METSO	HAGEN	GAETZ	
				Duluth	St. Louis Park	St. Cloud	
2005	FABRY	KURTZ	METSO	METSO	GAETZ	AHL	
				Duluth	St. Cloud	Maplewood	
2006	RAE	KURTZ	BENNING	GAETZ	AHL	ODENS	
			VOIGT	St. Cloud	Maplewood	Willmar	
2007	RAE/ELWOOD	KURTZ	VOIGT	AHL	ODENS	PEDERSON	
				Maplewood	Willmar	Bloomington	
2008	ELWOOD	KURTZ	VOIGT	ODENS	PEDERSON	HULSETHER	
				Willmar	Bloomington	Brainerd	
2009	ELWOOD	KURTZ	VOIGT	PEDERSON	HULSETHER	KEELY	
				Bloomington	Brainerd	Blaine	
2010	ELWOOD	KURTZ	VOIGT	HULSETHER	KEELY	EXNER	
				Brainerd	Blaine	Hutchinson	
2011	ELWOOD	KURTZ	VOIGT	KEELY	EXNER	WOBERG	
				Blaine	Hutchinson	Plymouth	
2012	ELWOOD	KURTZ	VOIGT	EXNER	VACANT	STEVE BOT	
				Hutchinson		Woodbury	
2013	ELWOOD	KURTZ	VOIGT	VACANT	STEVE BOT	ECKLES	
					St. Michael		
2014	ELWOOD	KURTZ	VOIGT	FREESE	STEVE BOT	ECKLES	JEFF JOHNSON
					St. Michael	Woodbury	Mankato
2015	ELWOOD	KURTZ	VOIGT	FREESE	ECKLES	JEFF JOHNSON	MARC CULVER
					Woodbury	Mankato	Roseville
2016	ELWOOD	KURTZ	VOIGT	FREESE	JEFF JOHNSON	MARC CULVER	GLENN OLSON
					Mankato	Roseville	Marshall
2017	ELWOOD	KURTZ	VOIGT	FREESE	MARC CULVER	GLENN OLSON	JOHN GORDER
					Marshall		Eagan

## **MUNICIPAL SCREENING BOARD**

### **MEETING MINUTES**

**May 23-24, 2017**

**Ruttger's Bay Lake Lodge, Deerwood, MN**

**Tuesday Session, May 23, 2017**

- I. Call to Order and Welcome by Chair Marc Culver**
  - a. Introductions of Head Table, Subcommittee Chairs & past Chairs of the Municipal Screening Board (MSB) by Chair Culver :
    - i. Marc Culver - Chair, MSB
    - ii. Mitch Rasmussen, MnDOT – State Aid Engineer
    - iii. Bill Lanoux, MnDOT – Manager, Municipal State Aid Needs Unit
    - iv. Glenn Olson, Marshall – Vice Chair MSB
    - v. Rich Clauson, Crookston, Chair: Needs Study Subcommittee
    - vi. Steve Bot, St. Michael – Chair: Unencumbered Construction Funds Subcommittee & Past Chair MSB
    - vii. Klayton Eckles, Woodbury – Past Chair MSB
    - viii. Jeff Johnson, Mankato – Past Chair MSB
  - b. Introduced John Gorder, Eagan – Secretary MSB. Culver conducted the roll call of the screening board members:
    - i. District 1 Matt Wegwerth, Grand Rapids
    - ii. District 2 Craig Gray, Bemidji
    - iii. District 3 Justin Femrite, Elk River
    - iv. District 4 Jeff Kuhn, Morris
    - v. Metro West Steve Lillehaug, Brooklyn Center
    - vi. District 6 Jay Owens, Rd Wing
    - vii. District 7 Mark DuChene, Waseca
    - viii. District 8 Sean Christensen, Willmar
    - ix. Metro East Michael Thompson, Maplewood
    - x. Duluth Cindy Voigt
    - xi. Minneapolis Don Elwood
    - xii. Rochester Doug Nelson
    - xiii. St. Paul Paul Kurtz
- c. Screening Board Alternates were recognized:
  - i. District 3 Adam Nafstad, Albertville
  - ii. District 8 Andy Kehren, Redwood Falls was absent.
- d. Department of Transportation personnel were recognized:

i.	Ted Schoenecker	Deputy State Aid Engineer
ii.	Patti Loken	State Aid Programs Engineer
iii.	John McDonald	District 1 State Aid Engineer
iv.	Lou Tasa	District 2 State Aid Engineer, absent
v.	Kelvin Howieson	District 3 State Aid Engineer
vi.	Nathan Gannon	District 4 State Aid Engineer
vii.	Fausto Cabral	District 6 State Aid Engineer
viii.	Gordy Regenscheid	District 7 State Aid Engineer, absent
ix.	Todd Broadwell	District 8 State Aid Engineer
x.	Dan Erickson	Metro State Aid Engineer
xi.	Julie Dresel	Assistant Metro State Aid Engineer

- e. Department of Transportation personnel were recognized:
- i. Dave Sonnenberg, Chair, CEAM Legislative Committee
  - ii. Larry VEEK, Minneapolis
  - iii. Mike Vanbeusekom, St. Paul
  - iv. Chauncey Bangs, Duluth

## II. 2017 Municipal Screening Board Data Book Review.

- a. Lanoux noted that most of those in attendance had seen the Book Review at the pre-Screening Board meetings. He also mentioned that, while the City of North Oaks had reached population over 5,000, nearly all roads in that municipality are private, and therefore not eligible for MSAS funding. New and departing members of the MSB were recognized by Lanoux.
  - i. Lanoux reviewed the minutes and actions approved October Screening Board.
  - ii. **A motion was made by Femrite, and seconded by Voigt, to approve the minutes of the October Screening Board. The motion passed unanimously.**
- b. Lanoux reviewed the remainder of the Data Book, including current MSB resolutions, all Unit Price Recommendations histories and proposed changes, and minutes of the Needs Study Subcommittee meeting, held April 6, 2017. Lanoux noted that Structure cost recommendations are based on bridge projects from the previous year. The unit price decrease of 25% for Structures is based on 2016 data from the MnDOT Bridge Office, with high and low cost bridges not included, and is consistent with the current MSB resolution.

Olson asked if the Signals Unit price included Emergency Vehicle Preemption (EVP) features. Lanoux indicated that EVP systems are generally separate items on most abstracts, but they are included in the cost when they are a part of the signal system. Temporary and Revised signal systems are not included.

Elwood asked for more specifics on what types of bridges were omitted from the Structures Unit Price data. Lanoux indicated that rehabs, pedestrian bridges and culverts were not included.

**III. Other Discussion Items**

- a. Sonnenberg provided an overview of Legislatives items approved from the recently completed session, and the items still under debate at the ongoing Legislative special session. He mentioned that all items were subject to revision during the special session. He provided updates on the current status of transportation funding, vehicle sales tab surcharges, State Aid funding sunset provisions, overweight truck permitting for roadway construction, PERA contribution changes, Real ID, and interim ordinances.

Sonnenberg provided details on the Small Cell Wireless legislation likely to be included in the omnibus bill. Local agencies that manage right-of-way can deny small cell wireless facility installations based public health, safety, welfare considerations. Public right-of-way has been defined to include roadway right-of-way only, not other public property such as parks and City/ County building property. Agency facility annual lease and maintenance rates have been set, and reasonable permit fees can be recovered. The legislation provides more local control in residential and historic districts. Eckles mentioned that demand for installation permits will be soon after the bill is approved, especially in the larger municipalities and along County roads, and that the LMC should provide ordinance guidance. Voigt thanked Culver and the CEAM Legislative Committee for their hard work to help protect MN cities' interests regarding this legislation. Culver thanked Shelly Hansen (Bloomington), and Deb Heiser (St. Louis Park) for their significant efforts on this item.

Details regarding all final legislation can be found on the League of MN Cities and Metro Cities websites.

- b. Rasmussen informed attendees of some housekeeping items, and indicated comments from State Aid will be made at the Wednesday morning session.
- IV. A motion was made by Voigt, and seconded by Nelson, to adjourn until 8:30 AM Wednesday morning. The motion passed unanimously. The meeting adjourned at 2:45 PM.**

## **WEDNESDAY MORNING SESSION - May 24**

Chair Culver called the meeting to order at 8:30 AM.

**a. Unit Price recommendations of the Needs Study Subcommittee**

- i. A motion was made by Thompson, and seconded and seconded by Duchene, to approve the Unit Costs as recommended by the NSS. Lillehaug proposed a friendly amendment to the motion that the NSS meet to further study ways to reduce the large fluctuations in the Structures Unit Prices from year to year. Voigt suggested the NSS meet in early 2018 to fully be able to research the item. The motioners, Thompson and Duchene, accepted the friendly amendment to the motion.

**The motion, with friendly amendment, passed unanimously.**

**II. Other Items**

- a. Sonnenberg reported no significant updates from the Legislative special session overnight. Details of the bonding bill were still being negotiated.
- b. Rasmussen provided a handout regarding the newly created Local Road Research Board (LRRB) Outreach & Marketing Calendar, and reviewed the revised LRRB idea solicitation process. He encouraged all to get involved in the process.

**III. Discussion**

**IV. Thank**

- a. Chair Culver thanked the departing Chair of the NSS, Rich Clauson, for all his efforts as chair of the committee
  - b. Culver thanked Steve Bot, Past President of CEAM, and departing member of the Unencumbered Construction Funds Subcommittee, for all his efforts with the committee.
  - c. Culver thanked all the State Aid Staff responsible for preparation of the MSB Data Book and this meeting, including Nancy Stone and Bill Lanoux.
- V. Culver reminded the group of the Fall Screening Board meeting scheduled for October 24 & 25 at Ruttger's Bay Lodge, and the CEAM Summer Business Meeting July 27 at the Links at Northfork in Ramsey.
- VI. Culver mentioned expense report forms were available, hard copy in the meeting room, and available on the MSAS website.
- VII. **A motion was made by Voigt, and seconded by Kuhn, to adjourn. The motion passed unanimously.** The meeting adjourned at 9:00 AM.

Respectfully submitted



John Gorder

Municipal Screening Board Secretary / Eagan City Engineer

# POPULATION DATA

## Becoming an MSAS Eligible City

If the population total from the decennial census is at least 5,000, or a population estimate (from either the Metropolitan Council or State Demographer) estimates a city's population to be at least 5,000.

## Being Dropped as an MSAS City

For a city to be *dropped* from the MSAS eligible list, the following scenario must occur:

- 1) The decennial census must show that a city's population has dropped below 5,000.
- 2) For five years after the census, annual population estimates must show that a city's population has stayed below 5,000.

## Other Notes on Population

Several cities that fell below 5,000 in population in the 2010 Federal Census have since seen population estimates which brought their populations back over 5,000. Those cities all continue to be included in the MSAS distribution.

According to the most recent population estimates, Chisholm (4,976) and Circle Pines (4,922) fell below 5,000. These cities remain eligible to be included in the MSAS distribution. (**State Statute 162.09 subd. 4**)

In addition to State Statute, Screening Board Resolutions also state that “no city shall be dropped from the MSAS eligible list based on a population estimates”.

There are 148 MSAS cities. Their overall population has increased by 6.1% since 2010 (from 3,690,202 in 2010, to 3,915,924 in 2016)

Three cities have seen their population increase by more than 20% since 2010: Medina (24.7%), Alexandria (22.6%), and Victoria (20.9%)

Nineteen other cities have seen their populations increase by at least 10% since 2010.

Thirteen cities have seen a decrease in population since 2010.

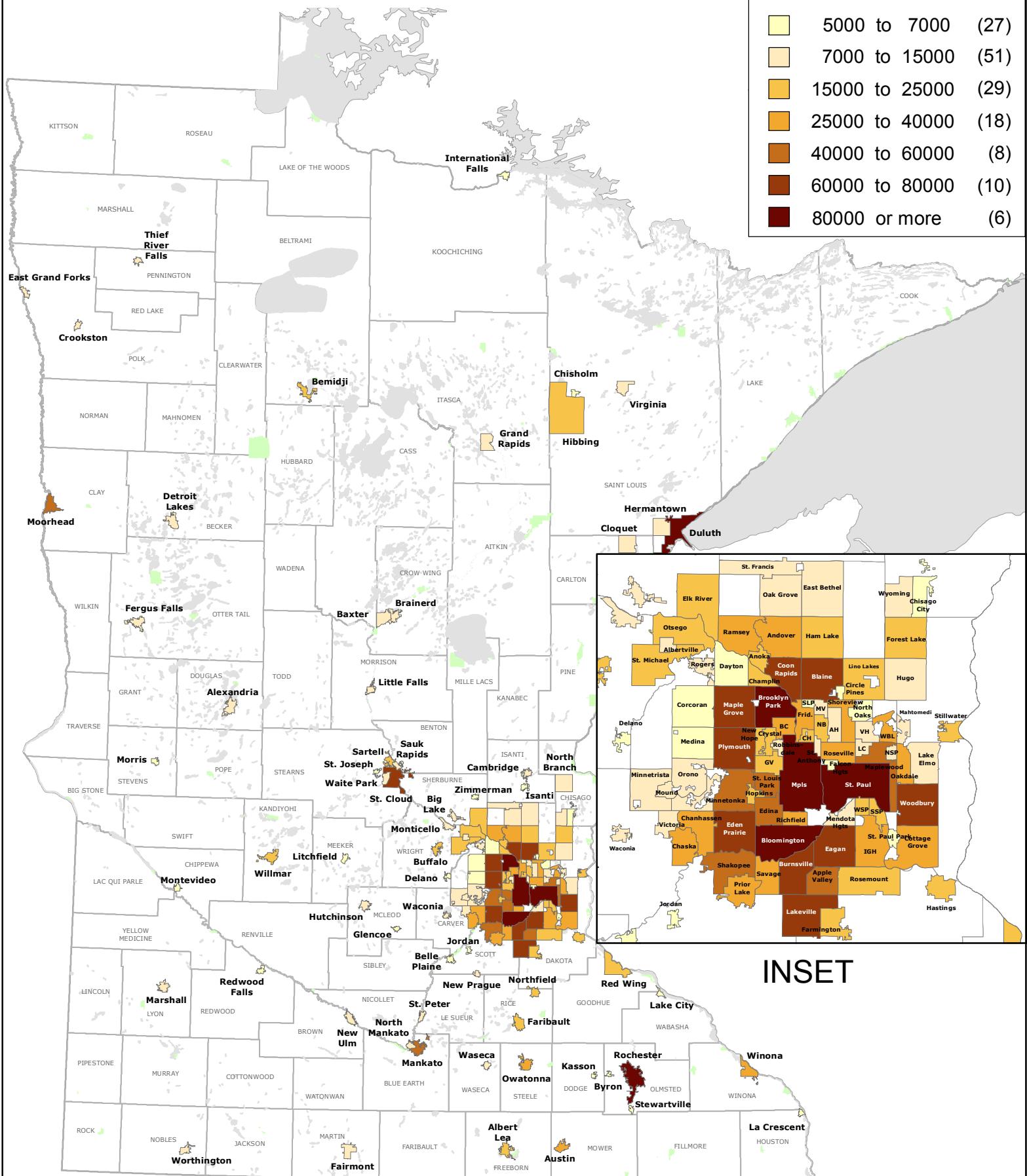
The State Demographer's estimated population for the City of North Oaks is 5,054. All residential roads in North Oaks are private roads. For now, the city is unable to establish a State Aid System. North Oaks is not a MSAS city at this time.

These cities were once MSAS cities: Ely (3,404), Eveleth (3,634), Luverne (4,688), and Pipestone (4,197).

# State Demographer Population Estimates, 2016

## Legend

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<span style="background-color: #FFFACD; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	7000 to 15000	(51)
<span style="background-color: #FFCCBC; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	15000 to 25000	(29)
<span style="background-color: #FFB74D; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	25000 to 40000	(18)
<span style="background-color: #C85A3D; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	40000 to 60000	(8)
<span style="background-color: #8B4513; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	60000 to 80000	(10)
<span style="background-color: #800000; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span>	80000 or more	(6)



## INSET

# 2018 POPULATION SUMMARY

The populations used for 2018 Allocations are based on the 2010 Federal Census  
or the most recent State Demographer estimates, whichever are greater

Municipality	2010 Census	Population used for 2017 Allocation	2016 Population Estimates (Released July 2017)	Population to be used for 2018 Allocation	Difference between Populations used for 2017 & 2018 Allocation	% Change in Population from 2010 to 2016
Albert Lea	18,016	18,016	18,045	<b>18,045</b>	29	0.2%
Albertville	7,044	7,317	7,370	<b>7,370</b>	53	4.6%
Alexandria	11,074	13,340	13,575	<b>13,575</b>	235	22.6%
Andover	30,598	31,704	32,335	<b>32,335</b>	631	5.7%
Anoka	17,142	17,665	17,995	<b>17,995</b>	330	5.0%
Apple Valley	49,084	50,161	51,338	<b>51,338</b>	1,177	4.6%
Arden Hills	9,552	9,847	9,966	<b>9,966</b>	119	4.3%
Austin	24,721	25,111	25,104	<b>25,104</b>	(7)	1.5%
Baxter	7,610	8,065	8,318	<b>8,318</b>	253	9.3%
Belle Plaine	6,661	6,742	6,901	<b>6,901</b>	159	3.6%
Bemidji	13,431	14,969	15,119	<b>15,119</b>	150	12.6%
Big Lake	10,060	10,671	10,918	<b>10,918</b>	247	8.5%
Blaine	57,186	63,180	64,188	<b>64,188</b>	1,008	12.2%
Bloomington	82,893	87,224	88,299	<b>88,299</b>	1,075	6.5%
Brainerd	13,590	13,673	13,679	<b>13,679</b>	6	0.7%
Brooklyn Center	30,104	30,864	31,231	<b>31,231</b>	367	3.7%
Brooklyn Park	75,781	80,215	80,450	<b>80,450</b>	235	6.2%
Buffalo	15,453	16,035	16,119	<b>16,119</b>	84	4.3%
Burnsville	60,306	61,908	61,849	<b>61,849</b>	(59)	2.6%
Byron	4,952	5,404	5,498	<b>5,498</b>	94	11.0%
Cambridge	8,111	8,496	8,749	<b>8,749</b>	253	7.9%
Champlin	23,089	23,089	23,343	<b>23,343</b>	254	1.1%
Chanhassen	22,952	25,194	25,448	<b>25,448</b>	254	10.9%
Chaska	23,770	25,607	26,439	<b>26,439</b>	832	11.2%
Chisago City	4,967	5,156	5,272	<b>5,272</b>	116	6.1%
Chisholm	4,976	5,006	4,968	5,000	(6)	-0.2%
Circle Pines	4,922	5,000	4,909	5,000	0	-0.3%
Cloquet	12,124	12,271	12,301	<b>12,301</b>	30	1.5%
Columbia Heights	19,496	19,995	20,158	<b>20,158</b>	163	3.4%
Coon Rapids	61,476	62,527	62,726	<b>62,726</b>	199	2.0%
Corcoran	5,379	5,475	5,498	<b>5,498</b>	23	2.2%
Cottage Grove	34,589	35,596	35,939	<b>35,939</b>	343	3.9%
Crookston	7,891	7,954	7,945	<b>7,945</b>	(9)	0.7%
Crystal	22,151	22,852	22,855	<b>22,855</b>	3	3.2%
Dayton	4,743	5,059	5,167	<b>5,167</b>	108	8.9%
Delano	5,464	5,864	5,947	<b>5,947</b>	83	8.8%
Detroit Lakes	8,571	9,290	9,380	<b>9,380</b>	90	9.4%
Duluth	86,265	86,597	86,859	<b>86,859</b>	262	0.7%
Eagan	64,206	67,509	68,223	<b>68,223</b>	714	6.3%
East Bethel	11,626	11,761	11,788	<b>11,788</b>	27	1.4%
East Grand Forks	8,601	8,774	8,843	<b>8,843</b>	69	2.8%
Eden Prairie	60,797	63,187	63,163	<b>63,163</b>	(24)	3.9%
Edina	47,941	50,766	51,804	<b>51,804</b>	1,038	8.1%
Elk River	22,974	23,987	24,368	<b>24,368</b>	381	6.1%
Fairmont	10,666	10,666	10,353	<b>10,666</b>	0	-2.9%
Falcon Heights	5,321	5,384	5,418	<b>5,418</b>	34	1.8%
Faribault	23,352	23,700	23,718	<b>23,718</b>	18	1.6%

Municipality	2010 Census	Population used for 2017 Allocation	2016 Population Estimates (Released July 2017)	Population to be used for 2018 Allocation	Difference between Populations used for 2017 & 2018 Allocation	% Change in Population from 2010 to 2016
Farmington	21,086	22,451	22,343	<b>22,343</b>	(108)	6.0%
Fergus Falls	13,140	13,545	13,652	<b>13,652</b>	107	3.9%
Forest Lake	18,375	20,261	20,344	<b>20,344</b>	83	10.7%
Fridley	27,208	28,547	28,631	<b>28,631</b>	84	5.2%
Glencoe	5,631	5,631	5,521	<b>5,631</b>	0	-2.0%
Golden Valley	20,371	21,571	21,556	<b>21,556</b>	(15)	5.8%
Grand Rapids	10,869	11,281	11,435	<b>11,435</b>	154	5.2%
Ham Lake	15,296	15,773	15,891	<b>15,891</b>	118	3.9%
Hastings	22,172	22,687	22,400	<b>22,400</b>	(287)	1.0%
Hermantown	9,414	9,720	9,507	<b>9,507</b>	(213)	1.0%
Hibbing	16,361	16,361	16,265	<b>16,361</b>	0	-0.6%
Hopkins	17,591	19,227	19,000	<b>19,000</b>	(227)	8.0%
Hugo	13,332	14,352	14,605	<b>14,605</b>	253	9.5%
Hutchinson	14,180	14,180	14,146	<b>14,180</b>	0	-0.2%
International Falls	6,424	6,424	6,204	<b>6,424</b>	0	-3.4%
Inver Grove Heights	33,880	35,071	34,999	<b>34,999</b>	(72)	3.3%
Isanti	5,251	5,497	5,614	<b>5,614</b>	117	6.9%
Jordan	5,470	6,150	6,213	<b>6,213</b>	63	13.6%
Kasson	5,931	6,192	6,298	<b>6,298</b>	106	6.2%
LaCrescent	4,883	5,164	5,174	<b>5,174</b>	10	6.0%
Lake City	5,063	5,102	5,129	<b>5,129</b>	27	1.3%
Lake Elmo	8,069	8,643	8,748	<b>8,748</b>	105	8.4%
Lakeville	55,954	59,991	60,965	<b>60,965</b>	974	9.0%
Lino Lakes	20,216	20,519	20,803	<b>20,803</b>	284	2.9%
Litchfield	6,726	6,761	6,736	<b>6,736</b>	(25)	0.1%
Little Canada	9,773	9,941	10,101	<b>10,101</b>	160	3.4%
Little Falls	8,347	8,825	8,890	<b>8,890</b>	65	6.5%
Mahtomedi	7,676	7,845	8,030	<b>8,030</b>	185	4.6%
Mankato	39,313	41,876	42,803	<b>42,803</b>	927	8.9%
Maple Grove	61,567	65,155	66,401	<b>66,401</b>	1,246	7.9%
Maplewood	38,018	39,742	40,243	<b>40,243</b>	501	5.9%
Marshall	13,680	13,793	13,799	<b>13,799</b>	6	0.9%
Medina	4,916	5,967	6,131	<b>6,131</b>	164	24.7%
Mendota Heights	11,071	11,105	11,283	<b>11,283</b>	178	1.9%
Minneapolis	382,578	412,517	419,952	<b>419,952</b>	7,435	9.8%
Minnetonka	49,734	51,647	52,741	<b>52,741</b>	1,094	6.0%
Minnetrista	6,384	7,029	7,238	<b>7,238</b>	209	13.4%
Montevideo	5,383	5,383	5,337	<b>5,383</b>	0	-0.9%
Monticello	12,759	13,311	13,409	<b>13,409</b>	98	5.1%
Moorhead	38,065	41,901	42,581	<b>42,581</b>	680	11.9%
Morris	5,286	5,418	5,442	<b>5,442</b>	24	3.0%
Mound	9,052	9,209	9,371	<b>9,371</b>	162	3.5%
Mounds View	12,155	13,007	13,161	<b>13,161</b>	154	8.3%
New Brighton	21,456	22,170	22,618	<b>22,618</b>	448	5.4%
New Hope	20,339	21,225	21,600	<b>21,600</b>	375	6.2%
New Prague	7,321	7,508	7,585	<b>7,585</b>	77	3.6%
New Ulm	13,522	13,583	13,539	<b>13,539</b>	(44)	0.1%
North Branch	10,125	10,330	10,469	<b>10,469</b>	139	3.4%
North Mankato	13,394	13,689	13,813	<b>13,813</b>	124	3.1%
North St. Paul	11,460	12,104	12,069	<b>12,069</b>	(35)	5.3%
Northfield	20,007	20,320	20,355	<b>20,355</b>	35	1.7%
Oak Grove	8,031	8,313	8,360	<b>8,360</b>	47	4.1%

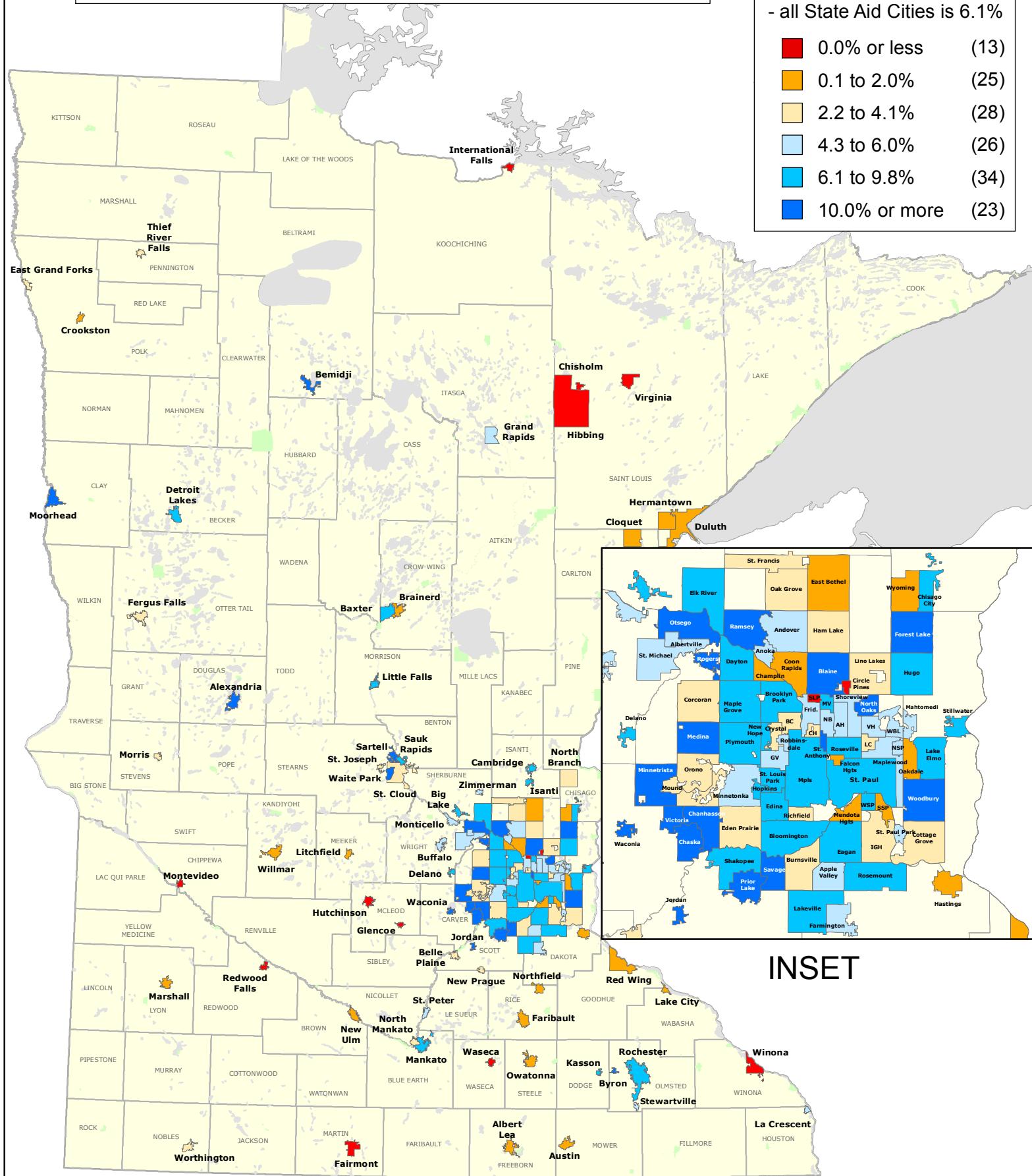
Municipality	2010 Census	Population used for 2017 Allocation	2016 Population Estimates (Released July 2017)	Population to be used for 2018 Allocation	Difference between Populations used for 2017 & 2018 Allocation	% Change in Population from 2010 to 2016
Oakdale	27,378	28,172	27,937	<b>27,937</b>	(235)	2.0%
Orono	7,437	7,474	7,691	<b>7,691</b>	217	3.4%
Otsego	13,571	15,472	16,019	<b>16,019</b>	547	18.0%
Owatonna	25,599	25,782	25,862	<b>25,862</b>	80	1.0%
Plymouth	70,576	74,592	75,452	<b>75,452</b>	860	6.9%
Prior Lake	22,796	25,049	25,520	<b>25,520</b>	471	11.9%
Ramsey	23,668	25,362	26,251	<b>26,251</b>	889	10.9%
Red Wing	16,459	16,534	16,545	<b>16,545</b>	11	0.5%
Redwood Falls	5,256	5,256	5,211	<b>5,256</b>	0	-0.9%
Richfield	35,228	36,557	36,338	<b>36,338</b>	(219)	3.2%
Robbinsdale	13,953	14,757	14,704	<b>14,704</b>	(53)	5.4%
Rochester	106,750	111,907	113,331	<b>113,331</b>	1,424	6.2%
Rogers	11,197	12,381	12,539	<b>12,539</b>	158	12.0%
Rosemount	21,874	23,042	23,559	<b>23,559</b>	517	7.7%
Roseville	33,660	35,244	35,836	<b>35,836</b>	592	6.5%
Sartell	15,887	17,209	17,582	<b>17,582</b>	373	10.7%
Sauk Rapids	12,773	13,410	13,631	<b>13,631</b>	221	6.7%
Savage	26,911	30,024	30,285	<b>30,285</b>	261	12.5%
Shakopee	37,076	40,254	40,643	<b>40,643</b>	389	9.6%
Shoreview	25,043	26,092	26,366	<b>26,366</b>	274	5.3%
Shorewood	7,307	7,458	7,496	<b>7,496</b>	38	2.6%
South St. Paul	20,160	20,351	20,407	<b>20,407</b>	56	1.2%
Spring Lake Park	6,412	6,513	6,406	<b>6,412</b>	(101)	-0.1%
St. Anthony	8,226	9,277	9,234	<b>9,234</b>	(43)	12.3%
St. Cloud	65,842	67,012	67,344	<b>67,344</b>	332	2.3%
St. Francis	7,218	7,327	7,400	<b>7,400</b>	73	2.5%
St. Joseph	6,534	6,772	6,739	<b>6,739</b>	(33)	3.1%
St. Louis Park	45,250	48,354	48,927	<b>48,927</b>	573	8.1%
St. Michael	16,399	17,081	17,174	<b>17,174</b>	93	4.7%
St. Paul	285,068	300,353	304,442	<b>304,442</b>	4,089	6.8%
St. Paul Park	5,279	5,441	5,519	<b>5,519</b>	78	4.5%
St. Peter	11,196	11,784	11,807	<b>11,807</b>	23	5.5%
Stewartville	5,916	6,252	6,269	<b>6,269</b>	17	6.0%
Stillwater	18,225	19,754	19,693	<b>19,693</b>	(61)	8.1%
Thief River Falls	8,573	8,765	8,845	<b>8,845</b>	80	3.2%
Vadnais Heights	12,302	12,490	12,910	<b>12,910</b>	420	4.9%
Victoria	7,379	8,775	8,920	<b>8,920</b>	145	20.9%
Virginia	8,712	8,712	8,515	<b>8,712</b>	0	-2.3%
Waconia	10,697	11,752	12,166	<b>12,166</b>	414	13.7%
Waite Park	6,715	7,605	7,639	<b>7,639</b>	34	13.8%
Waseca	9,412	9,412	9,124	<b>9,412</b>	0	-3.1%
West St. Paul	19,540	20,222	20,886	<b>20,886</b>	664	6.9%
White Bear Lake	23,797	24,811	25,001	<b>25,001</b>	190	5.1%
Willmar	19,610	19,848	19,891	<b>19,891</b>	43	1.4%
Winona	27,614	27,614	27,478	<b>27,614</b>	0	-0.5%
Woodbury	61,961	66,974	68,349	<b>68,349</b>	1,375	10.3%
Worthington	12,764	13,208	13,288	<b>13,288</b>	80	4.1%
Wyoming	7,791	7,877	7,906	<b>7,906</b>	29	1.5%
Zimmerman	5,228	5,335	5,469	<b>5,469</b>	134	4.6%
<b>Total</b>	<b>3,690,202</b>	<b>3,874,586</b>	<b>3,915,924</b>	<b>3,917,538</b>	<b>42,952</b>	<b>6.1%</b>

## **Percentage Change in Population for State Aid Cities, 2010 - 2016**

## Legend

- State Growth is 4.2%
  - all State Aid Cities is 6.1%

<span style="color: red;">■</span>	0.0% or less	(13)
<span style="color: orange;">■</span>	0.1 to 2.0%	(25)
<span style="color: yellow;">■</span>	2.2 to 4.1%	(28)
<span style="color: lightblue;">■</span>	4.3 to 6.0%	(26)
<span style="color: blue;">■</span>	6.1 to 9.8%	(34)
<span style="color: darkblue;">■</span>	10.0% or more	(23)



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# MSAS POPULATION ALLOCATIONS

For each MSAS city, the 2010 Federal Census, or the State Demographer's 2016 population estimate (which were released in July 2017), will be used to allocate 50% of the funds for the 2018 apportionment. The greater of the two figures will be used.

Fifty percent of the total sum is distributed on a prorated share that each city's population bears to the total population. Using the 2017 population apportionment distribution amount of \$86,609,182, each city will earn approximately \$22.11 per capita in apportionment. This projection will be revised when the actual revenue for the 2018 apportionment becomes available.

Any adjustments made to the 2016 population estimates (which will be released in December of 2017) will be presented in the January booklet. These changes could include population adjustments due to annexations, detachments, or any other minor revisions made by the State Demographer.

## TENTATIVE 2018 POPULATION ALLOCATIONS

overall population change for allocation purposes is 1.1%

Municipality	Population Used for 2017	Population to be used for 2018	Population % Change	2017 Population Allocations	2018 Population Allocations	Difference Between last two Allocations	Allocation % Change
Albert Lea	18,016	18,045	0.2	\$402,714	\$398,940	(\$3,774)	(0.9)
Albertville	7,317	7,370	0.7	163,558	162,936	(622)	(0.4)
Alexandria	13,340	13,575	1.8	298,191	300,117	1,926	0.6
Andover	31,704	32,335	2.0	708,684	714,864	6,180	0.9
Anoka	17,665	17,995	1.9	394,868	397,835	2,967	0.8
Apple Valley	50,161	51,338	2.3	1,121,256	1,134,984	13,728	1.2
Arden Hills	9,847	9,966	1.2	220,111	220,329	218	0.1
Austin	25,111	25,104	0.0	561,310	555,001	(6,309)	(1.1)
Baxter	8,065	8,318	3.1	180,278	183,895	3,617	2.0
Belle Plaine	6,742	6,901	2.4	150,705	152,568	1,863	1.2
Bemidji	14,969	15,119	1.0	334,604	334,252	(352)	(0.1)
Big Lake	10,671	10,918	2.3	238,530	241,376	2,846	1.2
Blaine	63,180	64,188	1.6	1,412,272	1,419,072	6,800	0.5
Bloomington	87,224	88,299	1.2	1,949,731	1,952,120	2,389	0.1
Brainerd	13,673	13,679	0.0	305,635	302,416	(3,219)	(1.1)
Brooklyn Center	30,864	31,231	1.2	689,907	690,457	550	0.1
Brooklyn Park	80,215	80,450	0.3	1,793,058	1,778,594	(14,464)	(0.8)
Buffalo	16,035	16,119	0.5	358,433	356,360	(2,073)	(0.6)
Burnsville	61,908	61,849	(0.1)	1,383,838	1,367,362	(16,476)	(1.2)
Byron	5,404	5,498	1.7	120,796	121,550	754	0.6
Cambridge	8,496	8,749	3.0	189,912	193,423	3,511	1.8
Champlin	23,089	23,343	1.1	516,112	516,069	(43)	0.0
Chanhassen	25,194	25,448	1.0	563,165	562,606	(559)	(0.1)
Chaska	25,607	26,439	3.2	572,397	584,515	12,118	2.1
Chisago City	5,156	5,272	2.2	115,253	116,554	1,301	1.1

Municipality	Population Used for 2017	Population to be used for 2018	Population % Change	2017	2018	Difference Between last two Allocations	
				Population Allocations	Population Allocations	Allocation % Change	
Chisholm	5,006	5,000	(0.1)	\$111,900	\$110,540	(\$1,360)	(-1.2)
Circle Pines	5,000	5,000	0.0	111,766	110,540	(1,226)	(-1.1)
Cloquet	12,271	12,301	0.2	274,295	271,951	(2,344)	(-0.9)
Columbia Heights	19,995	20,158	0.8	446,951	445,654	(1,297)	(-0.3)
Coon Rapids	62,527	62,726	0.3	1,397,675	1,386,750	(10,925)	(-0.8)
Corcoran	5,475	5,498	0.4	122,383	121,550	(833)	(-0.7)
Cottage Grove	35,596	35,939	1.0	795,683	794,542	(1,141)	(-0.1)
Crookston	7,954	7,945	(0.1)	177,797	175,649	(2,148)	(-1.2)
Crystal	22,852	22,855	0.0	510,814	505,280	(5,534)	(-1.1)
Dayton	5,059	5,167	2.1	113,085	114,232	1,147	1.0
Delano	5,864	5,947	1.4	131,079	131,477	398	0.3
Detroit Lakes	9,290	9,380	1.0	207,661	207,374	(287)	(-0.1)
Duluth	86,597	86,859	0.3	1,935,715	1,920,284	(15,431)	(-0.8)
Eagan	67,509	68,223	1.1	1,509,038	1,508,278	(760)	(-0.1)
East Bethel	11,761	11,788	0.2	262,895	260,610	(2,285)	(-0.9)
East Grand Forks	8,774	8,843	0.8	196,126	195,502	(624)	(-0.3)
Eden Prairie	63,187	63,163	0.0	1,412,428	1,396,412	(16,016)	(-1.1)
Edina	50,766	51,804	2.0	1,134,780	1,145,286	10,506	0.9
Elk River	23,987	24,368	1.6	536,185	538,729	2,544	0.5
Fairmont	10,666	10,666	0.0	238,419	235,805	(2,614)	(-1.1)
Falcon Heights	5,384	5,418	0.6	120,349	119,781	(568)	(-0.5)
Faribault	23,700	23,718	0.1	529,770	524,359	(5,411)	(-1.0)
Farmington	22,451	22,343	(0.5)	501,850	493,960	(7,890)	(-1.6)
Fergus Falls	13,545	13,652	0.8	302,773	301,819	(954)	(-0.3)
Forest Lake	20,261	20,344	0.4	452,897	449,766	(3,131)	(-0.7)
Fridley	28,547	28,631	0.3	638,115	632,976	(5,139)	(-0.8)
Glencoe	5,631	5,631	0.0	125,871	124,491	(1,380)	(-1.1)
Golden Valley	21,571	21,556	(0.1)	482,180	476,561	(5,619)	(-1.2)
Grand Rapids	11,281	11,435	1.4	252,166	252,806	640	0.3
Ham Lake	15,773	15,891	0.7	352,576	351,319	(1,257)	(-0.4)
Hastings	22,687	22,400	(1.3)	507,126	495,221	(11,905)	(-2.3)
Hermantown	9,720	9,507	(2.2)	217,273	210,181	(7,092)	(-3.3)
Hibbing	16,361	16,361	0.0	365,720	361,710	(4,010)	(-1.1)
Hopkins	19,227	19,000	(1.2)	429,784	420,053	(9,731)	(-2.3)
Hugo	14,352	14,605	1.8	320,812	322,888	2,076	0.6
Hutchinson	14,180	14,180	0.0	316,968	313,492	(3,476)	(-1.1)
International Falls	6,424	6,424	0.0	143,597	142,022	(1,575)	(-1.1)
Inver Grove Heights	35,071	34,999	(0.2)	783,947	773,760	(10,187)	(-1.3)
Isanti	5,497	5,614	2.1	122,875	124,115	1,240	1.0
Jordan	6,150	6,213	1.0	137,472	137,357	(115)	(-0.1)
Kasson	6,192	6,298	1.7	138,411	139,237	826	0.6
LaCrescent	5,164	5,174	0.2	115,432	114,387	(1,045)	(-0.9)
Lake City	5,102	5,129	0.5	114,046	113,392	(654)	(-0.6)
Lake Elmo	8,643	8,748	1.2	193,198	193,401	203	0.1
Lakeville	59,991	60,965	1.6	1,340,988	1,347,818	6,830	0.5
Lino Lakes	20,519	20,803	1.4	458,664	459,914	1,250	0.3
Litchfield	6,761	6,736	(0.4)	151,130	148,920	(2,210)	(-1.5)
Little Canada	9,941	10,101	1.6	222,213	223,314	1,101	0.5
Little Falls	8,825	8,890	0.7	197,267	196,541	(726)	(-0.4)
Mahtomedi	7,845	8,030	2.4	175,360	177,528	2,168	1.2
Mankato	41,876	42,803	2.2	936,060	946,291	10,231	1.1
Maple Grove	65,155	66,401	1.9	1,456,419	1,467,998	11,579	0.8
Maplewood	39,742	40,243	1.3	888,359	889,695	1,336	0.2
Marshall	13,793	13,799	0.0	308,317	305,069	(3,248)	(-1.1)

Municipality	Population Used for 2017	Population to be used for 2018	Population % Change	2017 Population Allocations	2018 Population Allocations	two Allocations	Difference Between last Allocation % Change
Medina	5,967	6,131	2.7	\$133,381	\$135,545	\$2,164	1.6
Mendota Heights	11,105	11,283	1.6	248,232	249,445	1,213	0.5
Minneapolis	412,517	419,952	1.8	9,221,052	9,284,326	63,274	0.7
Minnetonka	51,647	52,741	2.1	1,154,473	1,166,001	11,528	1.0
Minnetrista	7,029	7,238	3.0	157,120	160,018	2,898	1.8
Montevideo	5,383	5,383	0.0	120,327	119,008	(1,319)	(1.1)
Monticello	13,311	13,409	0.7	297,543	296,447	(1,096)	(0.4)
Moorhead	41,901	42,581	1.6	936,619	941,383	4,764	0.5
Morris	5,418	5,442	0.4	121,109	120,312	(797)	(0.7)
Mound	9,209	9,371	1.8	205,850	207,175	1,325	0.6
Mounds View	13,007	13,161	1.2	290,747	290,964	217	0.1
New Brighton	22,170	22,618	2.0	495,569	500,040	4,471	0.9
New Hope	21,225	21,600	1.8	474,445	477,534	3,089	0.7
New Prague	7,508	7,585	1.0	167,827	167,690	(137)	(0.1)
New Ulm	13,583	13,539	(0.3)	303,623	299,321	(4,302)	(1.4)
North Branch	10,330	10,469	1.3	230,908	231,449	541	0.2
North Mankato	13,689	13,813	0.9	305,992	305,379	(613)	(0.2)
North St. Paul	12,104	12,069	(0.3)	270,562	266,822	(3,740)	(1.4)
Northfield	20,320	20,355	0.2	454,216	450,010	(4,206)	(0.9)
Oak Grove	8,313	8,360	0.6	185,822	184,823	(999)	(0.5)
Oakdale	28,172	27,937	(0.8)	629,733	617,633	(12,100)	(1.9)
Orono	7,474	7,691	2.9	167,067	170,033	2,966	1.8
Otsego	15,472	16,019	3.5	345,848	354,149	8,301	2.4
Owatonna	25,782	25,862	0.3	576,309	571,759	(4,550)	(0.8)
Plymouth	74,592	75,452	1.2	1,667,366	1,668,098	732	0.0
Prior Lake	25,049	25,520	1.9	559,924	564,198	4,274	0.8
Ramsey	25,362	26,251	3.5	566,920	580,359	13,439	2.4
Red Wing	16,534	16,545	0.1	369,587	365,778	(3,809)	(1.0)
Redwood Falls	5,256	5,256	0.0	117,488	116,200	(1,288)	(1.1)
Richfield	36,557	36,338	(0.6)	817,164	803,363	(13,801)	(1.7)
Robbinsdale	14,757	14,704	(0.4)	329,865	325,077	(4,788)	(1.5)
Rochester	111,907	113,331	1.3	2,501,473	2,505,529	4,056	0.2
Rogers	12,381	12,539	1.3	276,754	277,213	459	0.2
Rosemount	23,042	23,559	2.2	515,061	520,844	5,783	1.1
Roseville	35,244	35,836	1.7	787,814	792,265	4,451	0.6
Sartell	17,209	17,582	2.2	384,675	388,704	4,029	1.0
Sauk Rapids	13,410	13,631	1.6	299,756	301,355	1,599	0.5
Savage	30,024	30,285	0.9	671,131	669,543	(1,588)	(0.2)
Shakopee	40,254	40,643	1.0	899,803	898,538	(1,265)	(0.1)
Shoreview	26,092	26,366	1.1	583,238	582,901	(337)	(0.1)
Shorewood	7,458	7,496	0.5	166,710	165,722	(988)	(0.6)
South St. Paul	20,351	20,407	0.3	454,909	451,159	(3,750)	(0.8)
Spring Lake Park	6,513	6,412	(1.6)	145,586	141,757	(3,829)	(2.6)
St. Anthony	9,277	9,234	(0.5)	207,370	204,146	(3,224)	(1.6)
St. Cloud	67,012	67,344	0.5	1,497,929	1,488,845	(9,084)	(0.6)
St. Francis	7,327	7,400	1.0	163,781	163,600	(181)	(0.1)
St. Joseph	6,772	6,739	(0.5)	151,375	148,986	(2,389)	(1.6)
St. Louis Park	48,354	48,927	1.2	1,080,864	1,081,681	817	0.1
St. Michael	17,081	17,174	0.5	381,814	379,684	(2,130)	(0.6)
St. Paul	300,353	304,442	1.4	6,713,834	6,730,623	16,789	0.3
St. Paul Park	5,441	5,519	1.4	121,623	122,014	391	0.3
St. Peter	11,784	11,807	0.2	263,409	261,030	(2,379)	(0.9)
Stewartville	6,252	6,269	0.3	139,752	138,595	(1,157)	(0.8)
Stillwater	19,754	19,693	(0.3)	441,564	435,374	(6,190)	(1.4)
Thief River Falls	8,765	8,845	0.9	195,925	195,546	(379)	(0.2)

Municipality	Population Used for 2017	Population to be used for 2018	Population % Change	2017 Population Allocations	2018 Population Allocations	Difference Between last two Allocations		Allocation % Change
Vadnais Heights	12,490	12,910	3.4	\$279,191	\$285,415	\$6,224	2.2	
Victoria	8,775	8,920	1.7	196,149	197,204	1,055	0.5	
Virginia	8,712	8,712	0.0	194,741	192,605	(2,136)	(1.1)	
Waconia	11,752	12,166	3.5	262,694	268,967	6,273	2.4	
Waite Park	7,605	7,639	0.4	169,996	168,884	(1,112)	(0.7)	
Waseca	9,412	9,412	0.0	210,388	208,081	(2,307)	(1.1)	
West St. Paul	20,222	20,886	3.3	452,025	461,749	9,724	2.2	
White Bear Lake	24,811	25,001	0.8	554,604	552,724	(1,880)	(0.3)	
Willmar	19,848	19,891	0.2	443,665	439,752	(3,913)	(0.9)	
Winona	27,614	27,614	0.0	617,260	610,492	(6,768)	(1.1)	
Woodbury	66,974	68,349	2.1	1,497,080	1,511,064	13,984	0.9	
Worthington	13,208	13,288	0.6	295,241	293,773	(1,468)	(0.5)	
Wyoming	7,877	7,906	0.4	176,077	174,787	(1,290)	(0.7)	
Zimmerman	5,335	5,469	2.5	119,255	120,910	1,655	1.4	
<b>Total</b>	<b>3,874,586</b>	<b>3,917,538</b>	<b>1.1</b>	<b>\$86,609,182</b>	<b>\$86,609,182</b>	<b>\$0</b>		

A city's **Population Allocation** equals total population apportionment divided by the total population times the city's population.

2017      \$86,609,182      Equals      \$22.35 Per person  
               3,874,586

2018      \$86,609,182      Equals      \$22.11 Per person  
               3,917,538

The population increase from 2017 and 2018 for allocation purposes is **42,952** (1.1% increase overall)

- 62 Cities Increased their population allocation.
- 86 Cities Decreased their population allocation.

# MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2018 is unknown at this time so an estimated amount of \$173,218,364 is used in this report. The actual amount will be announced in January when the Commissioner of Transportation makes a determination of the 2018 apportionment.

The estimated Maintenance and Construction amounts are not computed in this report because of a city's option of receiving a minimum of \$1,500 per mile or a percentage up to a maximum of 35% of their total allocation for Maintenance. If a city desires to receive more than the minimum or make a change to their request to cover future maintenance, the city has to inform the Municipal State Aid Needs Unit prior to December 15th of their intention. A memo regarding Maintenance Requests will be sent to each city engineer around November 1st.

The continuous change in M.S.A.S. mileage is due to the increasing number of eligible cities - and to the increase in the overall total improved local street mileage, of which 20% is allowed for M.S.A.S. designations, Trunk Highway Turnbacks, CSAH Turnbacks, and County Road Turnbacks.

## MSAS MILEAGE, NEEDS, AND APPORTIONMENT 1958 to 2018

Appt. Year	Number of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment Per Needs Mileage	Appportionment Per \$1000 of Adjusted Needs
1958	58	920.40	\$190,373,337	\$7,286,074	\$190,373,337	\$7,916.20	\$19.14
1959	59	938.36	195,749,800	8,108,428	195,749,800	8,641.06	20.71
1960	59	968.82	214,494,178	8,370,596	197,971,488	8,639.99	21.14
1961	77	1131.78	233,276,540	9,185,862	233,833,072	8,116.30	19.64
1962	77	1140.83	223,014,549	9,037,698	225,687,087	7,922.04	20.02
1963	77	1161.06	221,458,428	9,451,125	222,770,204	8,140.08	21.21
1964	77	1177.11	218,487,546	10,967,128	221,441,346	9,317.00	24.76
1965	77	1208.81	218,760,538	11,370,240	221,140,776	9,406.14	25.71
1966	80	1271.87	221,992,032	11,662,274	218,982,273	9,169.39	26.63
1967	80	1309.93	213,883,059	12,442,900	213,808,290	9,498.90	29.10
1968	84	1372.36	215,390,936	14,287,775	215,206,878	10,411.10	33.20
1969	86	1412.57	209,136,115	15,121,277	210,803,850	10,704.80	35.87
1970	86	1427.59	205,103,671	16,490,064	206,350,399	11,550.98	39.96
1971	90	1467.30	204,854,564	18,090,833	204,327,997	12,329.33	44.27
1972	92	1521.41	217,915,457	18,338,440	217,235,062	12,053.58	42.21
1973	94	1580.45	311,183,279	18,648,610	309,052,410	11,799.56	30.17
1974	95	1608.06	324,787,253	21,728,373	321,833,693	13,512.17	33.76
1975	99	1629.30	422,560,903	22,841,302	418,577,904	14,019.09	27.28

Appt. Year	Number of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment	Apportionment Per \$1000 of Adjusted Needs
						Per Needs	Mileage
1976	101	1718.92	\$449,383,835	\$22,793,386	\$444,038,715	\$13,260.29	25.67
1977	101	1748.55	488,779,846	27,595,966	483,467,326	15,782.20	28.54
1978	104	1807.94	494,433,948	27,865,892	490,165,460	15,413.06	28.38
1979	106	1853.71	529,996,431	30,846,555	523,460,762	16,640.44	29.42
1980	106	1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.86
1981	109	1933.64	695,487,179	35,567,962	695,478,283	18,394.30	25.54
1982	105	1976.17	705,647,888	41,819,275	692,987,088	21,161.78	30.30
1983	106	2022.37	651,402,395	46,306,272	631,554,858	22,897.03	36.55
1984	106	2047.23	635,420,700	48,580,190	613,448,456	23,729.72	39.70
1985	107	2110.52	618,275,930	56,711,674	589,857,835	26,870.95	48.20
1986	107	2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.30
1987	107	2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.97
1988	108	2171.89	545,457,364	58,381,022	529,946,820	26,880.28	55.06
1989	109	2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.98
1990	112	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.99
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592	34,233.25	32.11
1992	116	2376.79	1,374,092,030	81,109,752	1,330,349,165	34,125.75	30.41
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428	34,413.27	29.89
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398	32,693.87	26.83
1995	118	2526.39	1,582,491,280	81,718,700	1,541,396,875	32,346.04	26.46
1996	119	2614.71	1,652,360,408	90,740,650	1,638,227,013	34,703.91	27.63
1997	122	2740.46	1,722,973,258	90,608,066	1,738,998,615	33,063.09	25.91
1998	125	2815.99	1,705,411,076	93,828,258	1,746,270,860	33,319.81	26.73
1999	126	2859.05	1,927,808,456	97,457,150	1,981,933,166	34,087.25	24.47
2000	127	2910.87	2,042,921,321	103,202,769	2,084,650,298	35,454.27	24.64
2001	129	2972.16	2,212,783,436	108,558,171	2,228,893,216	36,525.01	24.26
2002	130	3020.39	2,432,537,238	116,434,082	2,441,083,093	38,549.35	23.77
2003	131	3080.67	2,677,069,498	108,992,464	2,663,903,876	35,379.47	20.39
2004	133	3116.44	2,823,888,537	110,890,581	2,898,358,498	35,582.45	19.08
2005	136	3190.82	2,986,013,788	111,823,549	3,086,369,911	35,045.40	18.07
2006	138	3291.64	3,272,908,979	111,487,130	3,356,466,332	33,869.78	16.57
2007	142	3382.28	3,663,172,809	114,419,009	3,760,234,514	33,828.96	15.19
2008	143	3453.10	3,896,589,388	114,398,269	4,005,371,748	33,129.15	14.29
2009	144	3504.00	4,277,355,517	121,761,230	4,375,100,368	34,749.21	13.91
2010	144	3533.22	4,650,919,417	127,315,538	4,764,771,798	36,033.86	13.36
2011	147	3583.87	4,964,526,370	139,081,139	5,058,978,846	38,807.53	13.75
2012	142	3572.73	5,175,814,620	144,682,808	5,271,923,162	40,496.43	13.72
2013	147	3598.04	5,476,951,484	147,468,798	5,593,122,380	40,985.87	13.18
2014	147	3633.04	**5,476,951,484	154,615,011	5,627,313,935	42,558.03	13.74
2015	148	3682.39	6,244,717,460	170,700,289	*6,442,606,488	46,355.84	13.25
2016	148	3701.25	6,985,833,869	173,612,036	*7,146,203,608	46,906.33	12.15
2017	148	3729.86	7,247,080,405	173,218,364	*7,403,345,739	46,440.98	11.70
2018	148	3752.13	7,472,087,601	173,218,364	*7,578,997,927	46,165.34	11.43

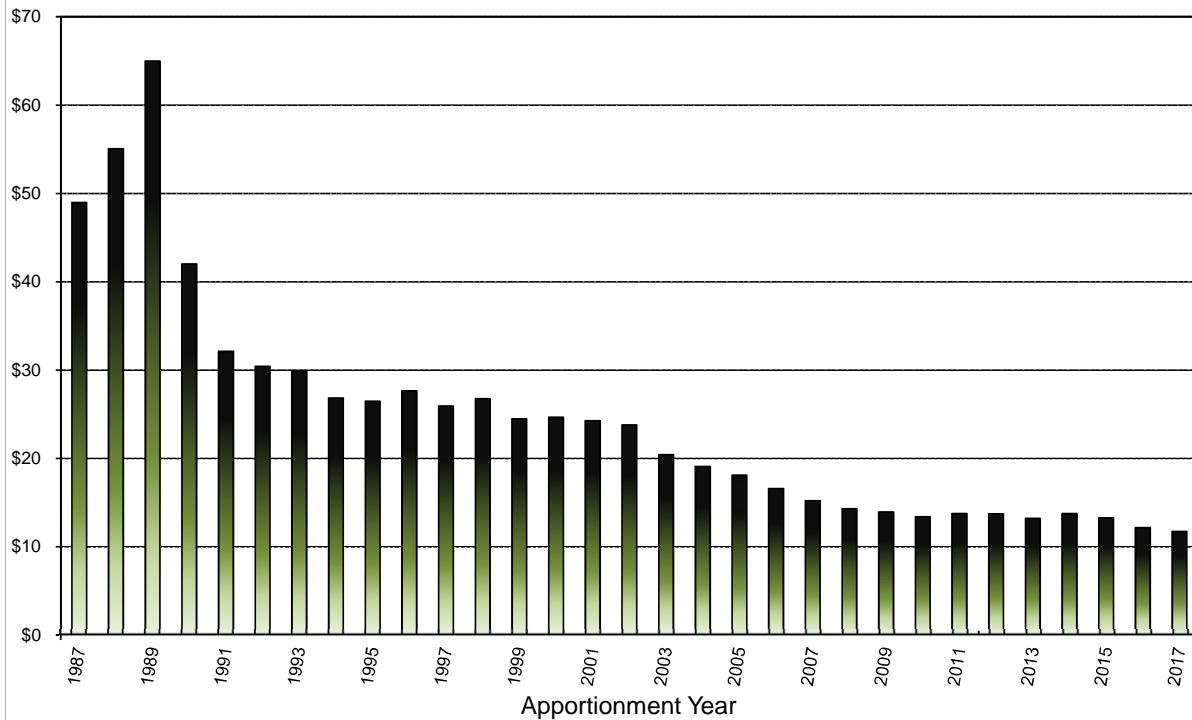
The figures for 2018 are estimates

\* Amounts reflect the new Adjusted Restricted Construction Needs dollars.

\*\* Needs were frozen in 2013.

## NOTES AND COMMENTS

## APPORTIONMENT PER \$1,000 IN NEEDS (ADJUSTED NEEDS)



Apport. Year	Const. Needs Apport. per \$1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per \$1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per \$1,000 of Adjusted Const. Needs	Percent Increase (Decrease) from 1958
1958	\$19.14		1978	28.38	48.30	1998	26.73	39.69
1959	20.71	8.23	1979	29.42	53.73	1999	24.47	27.86
1960	21.14	10.48	1980	27.86	45.59	2000	24.64	28.76
1961	19.64	2.64	1981	25.54	33.49	2001	24.26	26.77
1962	20.02	4.63	1982	30.30	58.33	2002	23.77	24.21
1963	21.21	10.85	1983	36.55	91.00	2003	20.39	6.55
1964	24.76	29.40	1984	39.70	107.47	2004	19.08	(0.29)
1965	25.71	34.34	1985	48.20	151.87	2005	18.07	(5.56)
1966	26.63	39.15	1986	54.30	183.76	2006	16.57	(13.41)
1967	29.10	52.06	1987	48.97	155.92	2007	15.19	(20.62)
1968	33.20	73.47	1988	55.06	187.72	2008	14.29	(25.33)
1969	35.87	87.42	1989	64.98	239.55	2009	13.91	(27.31)
1970	39.96	108.80	1990	41.99	119.43	2010	13.36	(30.18)
1971	44.27	131.34	1991	32.11	67.77	2011	13.75	(28.15)
1972	42.21	120.57	1992	30.41	58.94	2012	13.72	(28.30)
1973	30.17	57.66	1993	29.89	56.20	2013	13.18	(31.13)
1974	33.76	76.40	1994	26.83	40.20	2014	13.74	(28.20)
1975	27.28	42.58	1995	26.46	38.27	2015	13.25	(30.76)
1976	25.67	34.14	1996	27.63	44.39	2016	12.15	(36.51)
1977	28.54	49.14	1997	25.91	35.40	2017	11.70	(38.86)

Minimum of \$11.70 in 2017

Maximum of \$64.98 in 1989

## **2017 ITEMIZED TABULATION OF NEEDS**

The 2017 money needs saw an increase over the last year. This increase is due to Needs updates, new designations, added mileage, changing AADT, and an increase in unit costs. (See Screening Board Resolutions for the unit prices used in the 2017 needs computation.)

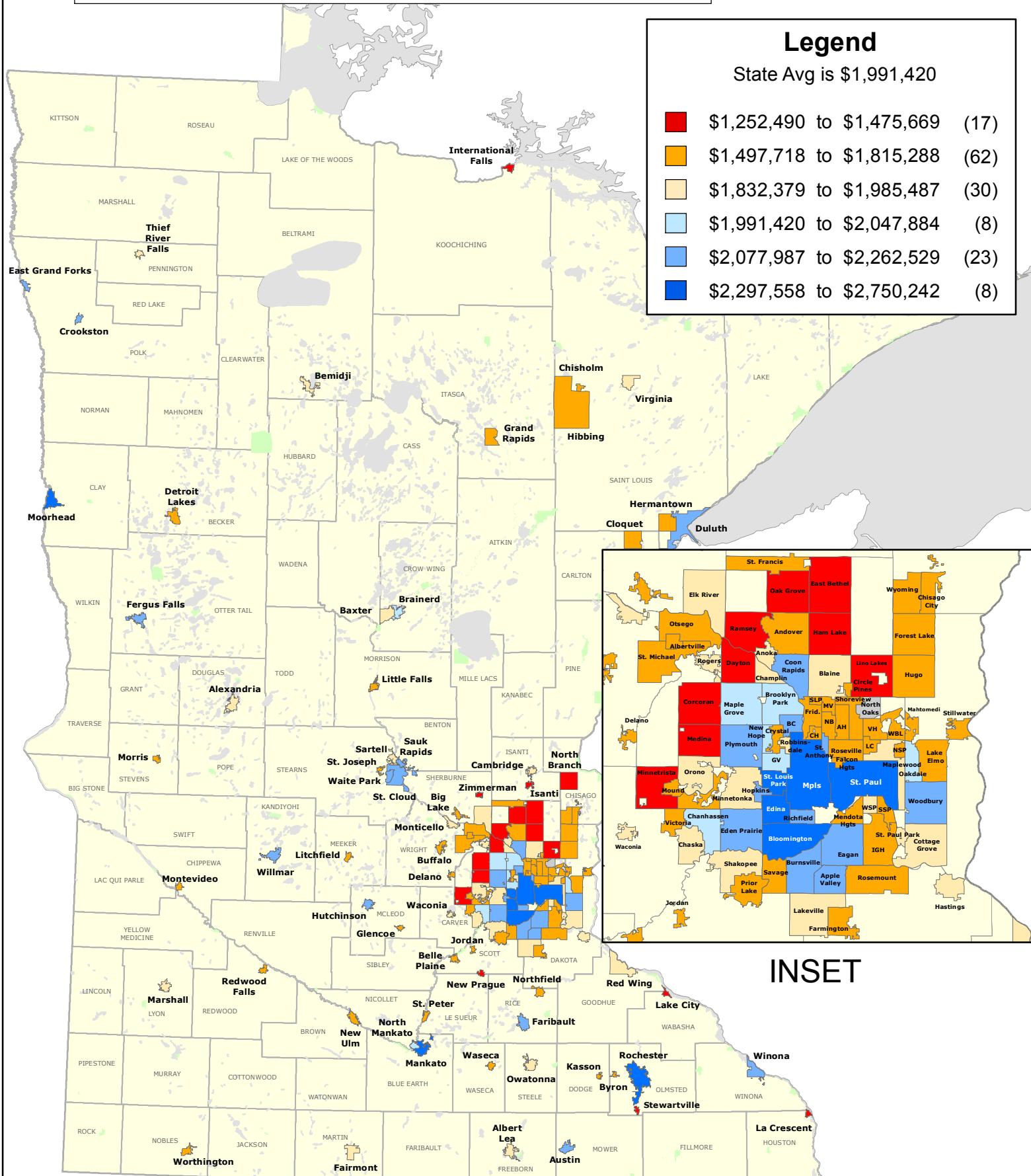
The “2017 itemized tabulation of Needs” insert shows all construction items in the Municipal State Aid Needs Study. (‘After the fact’ items are discussed later on in this report). This tabulation is provided to give each municipality the opportunity to compare their needs of the individual construction items to that of other cities.

The overall average cost per mile is \$1,991,420 (up from \$1,942,736 last year). Corcoran has the lowest cost per mile with \$1,252,490 while Minneapolis has the highest cost with \$2,750,242 per mile.

The five cities with the highest cost per mile are listed alphabetically as follows: Bloomington, Minneapolis, Moorhead, Rochester, and Saint Paul.

The five cities with the lowest cost per mile are listed alphabetically as follows: Corcoran, East Bethel, Ham Lake, Minnetrista and Zimmerman.

# Needs Costs per Mile for State Aid Cities, 2017



# COMPARISON OF NEEDS BETWEEN 2016 and 2017

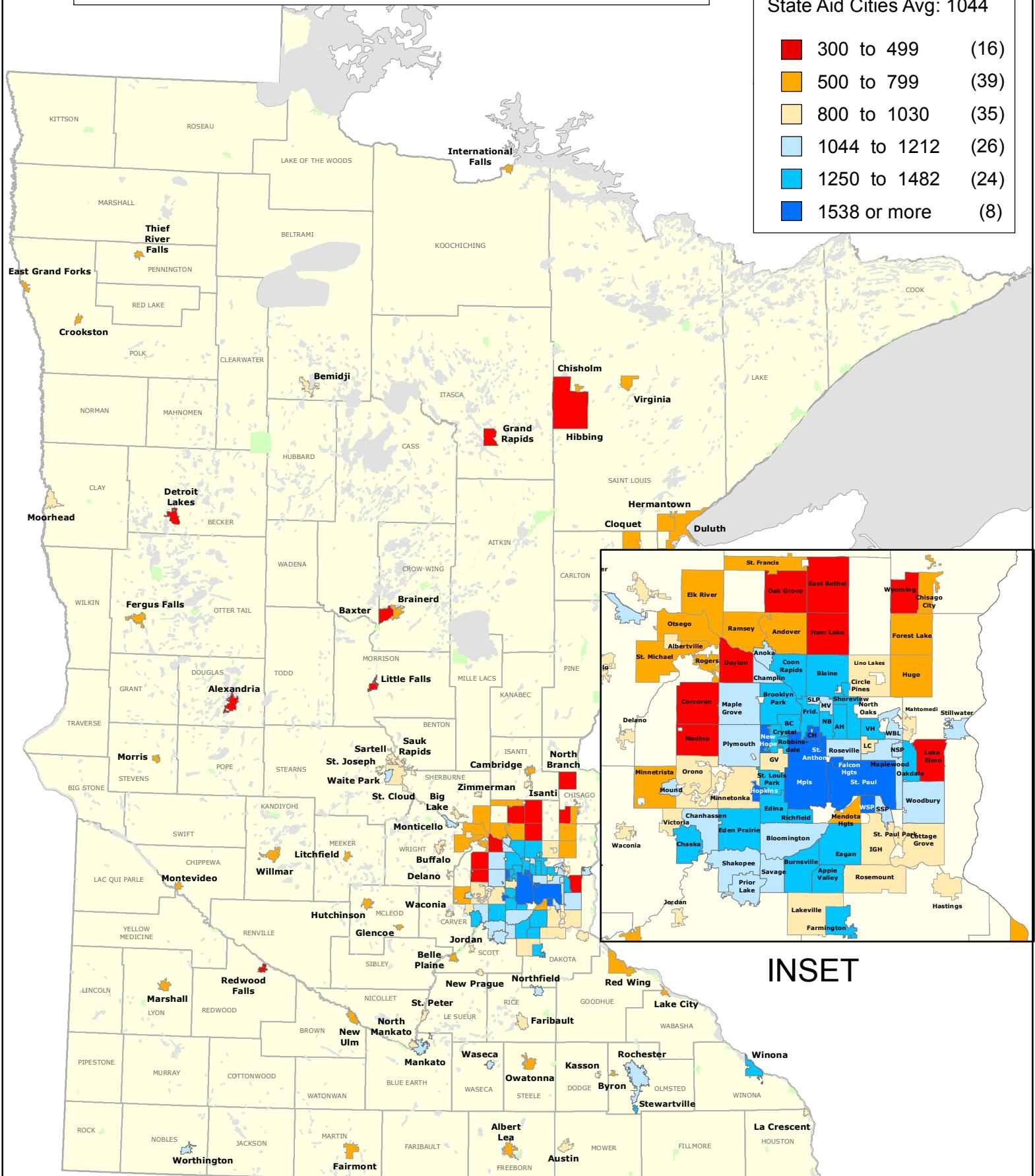
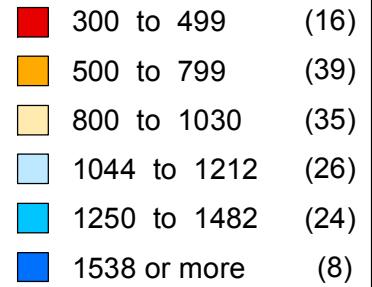
2017 Needs are computed for the January 2018 distribution

Needs Item	2016	2017	Difference	% increase
Grading/Excavation	\$689,546,028	\$720,388,539	\$30,842,511	4.5
Total Storm Sewer	647,114,331	662,939,922	15,825,591	2.4
Gravel Base	947,357,502	992,656,813	45,299,311	4.8
Bituminous Surface	1,233,623,602	1,289,820,693	56,197,091	4.6
Curb and Gutter	591,547,857	618,230,336	26,682,479	4.5
Sidewalk Construction	807,134,599	887,252,025	80,117,426	9.9
Traffic Signals	283,781,253	296,375,625	12,594,372	4.4
Street Lighting	372,907,000	374,947,000	2,040,000	0.5
Structures	367,217,630	282,051,060	(85,166,570)	(23.2)
Engineering	1,306,850,603	1,347,425,588	40,574,985	3.1
<b>Total Unadjusted Money Needs</b>	<b>\$7,247,080,405</b>	<b>\$7,472,087,601</b>	<b>\$225,007,196</b>	<b>3.1</b>
Total Needs Miles	3,729.07	3,752.13	23.06	0.6
ATF Right of Way	\$93,387,244	\$88,307,252	(\$5,079,992)	(5.4)
ATF Retaining Wall	3,685,030	3,896,419	211,389	5.7
ATF RR Crossing	1,080,911	1,706,696	625,785	57.9
ATF Bridge over MSAS Route	378,684	378,684	0	0.0

## **Population Per Needs Mile, 2017**

## Legend

State Aid Cities Avg: 1044



## INSET

## 2017 MILEAGE REPORT

The 2017 Mileage Report shows all categories of mileage used in the Municipal State Aid Needs Study. This report is provided to give each city the opportunity to view their mileage for the various categories.

The 2017 Total System Length reflects an increase due to overall growth and to new MSAS designations.

‘Total System Length’ & ‘Total Needs Length’ are slightly different in this report. Among the reasons these categories differ are designations Outside City Limits and MSB approved One Way Mileage.

Total Needs Length for all cities is 3,752.13 miles.

Total System Length for all cities is 3,758.33 miles.

The information on the Mileage Report may also be helpful as you fill out your 2017 Annual Certification of Mileage form (which is due in January 2018). Unless your city has had a system revision since June, we expect that your “**Total Needs Length**” from this Mileage Report will match line 13 of the Certification of Mileage. Should there be a discrepancy, we ask that you provide an explanation on the backside of your Annual Certification of Mileage Form.

If a city has a system revision that occurred after your Needs were submitted by the spring deadline *and* gets approved by the Commissioner before December 31<sup>st</sup>, those revisions can also be included on your 2017 certification (submitted in January of 2018).

MSAS NEEDS MILEAGE COMPARISON

from 2016 to 2017

City	2016 MSAS Needs Mileage	2017 MSAS Needs Mileage	Difference in Mileage		2016 MSAS Needs Mileage	2017 MSAS Needs Mileage	Difference in Mileage	City	2016 MSAS Needs Mileage	2017 MSAS Needs Mileage	Difference in Mileage	
			2016	2017								
ALBERT LEA	24.31	24.31	0.00	0.00	FRIDLEY	22.90	22.90	0.00	ORONO	9.45	9.45	0.00
ALBERTVILLE	7.51	7.51	0.00	0.00	GLENCOE	8.39	8.39	0.00	OTSEGO	23.72	23.72	0.00
ALEXANDRIA	33.29	33.29	0.00	0.00	GOLDEN VALLEY	23.74	23.74	0.00	OWATONNA	34.64	34.64	0.00
ANDOVER	43.48	43.48	0.19	0.19	GRAND RAPIDS	25.68	26.32	0.64	PLYMOUTH	64.04	65.31	1.27
ANOKA	15.42	15.42	0.00	0.00	HAM LAKE	33.74	33.73	(0.01)	PRIOR LAKE	21.67	21.63	(0.04)
APPLE VALLEY	37.31	37.33	0.02	0.02	HASTINGS	22.61	22.61	0.00	RAMSEY	37.86	37.86	0.00
ARDEN HILLS	7.53	7.53	0.00	0.00	HERMANTOWN	18.65	18.65	0.00	RED WING	24.87	24.87	0.00
AUSTIN	30.21	30.21	0.00	0.00	HEBBING	54.19	54.19	0.00	REDWOOD FALLS	10.52	10.52	0.00
BAXTER	17.12	17.12	0.00	0.00	HOPKINS	9.99	9.99	0.00	RICHFIELD	24.67	24.67	0.00
BELLE PLAINE	8.95	8.95	0.00	0.00	HUGO	21.19	21.19	0.00	ROBBINSDALE	10.05	10.05	0.00
BEMIDJI	18.72	18.72	0.00	0.00	HUTCHINSON	18.49	19.52	1.03	ROCHESTER	103.91	108.01	4.10
BIG LAKE	11.48	11.48	0.00	0.00	INTERNATIONAL FALLS	8.08	8.08	0.00	ROGERS	21.37	21.37	0.00
BLAINE	50.36	50.36	0.18	0.18	INVER GROVE HEIGHTS	34.13	34.71	0.58	ROSEMOUNT	29.15	29.385	0.235
BLOOMINGTON	76.12	76.12	0.00	0.00	ISANTI	6.89	6.89	0.00	ROSEVILLE	30.96	31.55	0.59
BRainerd	19.16	19.16	0.00	0.00	JORDAN	6.09	6.08	(0.01)	SARTELL	18.52	18.52	0.00
BROOKLYN CENTER	21.34	21.34	0.00	0.00	KASSON	6.30	6.30	0.00	SAUK RAPIDS	14.21	14.21	0.00
BROOKLYN PARK	60.14	60.71	0.57	0.57	LA CRESCENT	5.84	5.84	0.00	SAVAGE	27.24	27.27	0.03
BUFFALO	17.19	17.24	0.05	0.05	LAKE CITY	8.39	8.39	0.00	SHAKOPEE	37.49	38.88	1.39
BURNSVILLE	44.77	44.77	0.00	0.00	LAKE ELMO	16.30	18.12	1.82	SHOREVIEW	19.69	19.69	0.00
BYRON	5.60	7.59	1.99	1.99	LAKEVILLE	66.66	68.33	1.67	SHOREWOOD	9.20	9.20	0.00
CAMBRIDGE	16.37	16.93	0.56	0.56	LINO LAKES	23.84	23.84	0.00	SOUTH ST PAUL	17.46	17.46	0.00
CHAMPLIN	20.07	20.07	0.00	0.00	LITCHFIELD	8.77	8.77	0.00	SPRING LAKE PARK	5.82	5.82	0.00
CHANHASSEN	22.76	22.76	0.00	0.00	LITTLE CANADA	11.35	11.35	0.00	ST ANTHONY	5.95	5.95	0.00
CHASKA	20.95	20.95	0.00	0.00	LITTLE FALLS	21.75	21.75	0.00	ST CLOUD	64.30	65.90	1.60
CHISAGO CITY	8.10	8.54	0.44	0.44	MAHNTOMEDI	9.56	9.56	0.00	ST FRANCIS	13.45	13.45	0.00
CHISHOLM	8.41	8.41	0.00	0.00	MANKATO	39.62	39.665	0.045	ST JOSEPH	6.66	6.66	0.00
CIRCLE PINES	3.60	3.60	0.00	0.00	MAPLE GROVE	57.10	58.17	1.07	ST LOUIS PARK	33.02	33.02	0.00
CLOCQUET	22.35	22.75	0.40	0.40	MAPLEWOOD	36.68	36.68	0.00	ST MICHAEL	22.75	22.91	0.16
COLUMBIA HEIGHTS	12.50	12.50	0.00	0.00	MARSHALL	18.78	18.78	0.00	ST PAUL	164.73	164.73	0.00
COON RAPIDS	43.23	43.23	0.00	0.00	MEDINA	12.59	12.59	0.00	ST PAUL PARK	6.06	5.94	(0.12)
CORCORAN	15.53	15.53	0.00	0.00	MENDOTA HEIGHTS	15.17	15.17	0.00	ST PETER	14.63	14.74	0.11
COTTAGE GROVE	35.31	35.31	0.00	0.00	MINNEAPOLIS	206.82	206.82	0.00	STEWARTVILLE	4.71	4.71	0.00
CROOKSTON	11.58	11.58	0.00	0.00	MINNETONKA	51.19	51.19	0.00	STILLWATER	18.25	18.25	0.00
CRYSTAL	17.47	17.47	0.00	0.00	MINNETRISTA	12.98	12.98	0.00	THE FIVER FALLS	16.15	16.23	0.08
DAYTON	10.62	10.62	0.00	0.00	MONTEVIDEO	8.83	8.98	0.15	VADNAIS HEIGHTS	9.17	9.17	0.00
DELANO	6.21	6.21	0.00	0.00	MONTCILLO	12.19	12.19	0.00	VICTORIA	7.43	8.77	1.34
DETROIT LAKES	24.52	24.52	0.00	0.00	MOORHEAD	48.01	48.01	0.00	VIRGINIA	17.14	16.36	(0.78)
DULUTH	116.71	116.71	0.00	0.00	MORRIS	9.18	9.18	0.00	WACONIA	12.32	14.06	1.74
EAGAN	49.03	49.03	0.00	0.00	MOUND	7.94	7.94	0.00	WAITE PARK	7.02	7.02	0.00
EAST BETHEL	28.84	28.84	0.00	0.00	MOUNDS VIEW	10.86	10.86	0.00	WASECA	7.71	7.71	0.00
EAST GRAND FORKS	16.99	16.99	0.00	0.00	NEW BRIGHTON	15.22	15.27	0.05	WEST ST PAUL	13.58	13.58	0.00
EDEN PRAIRIE	48.54	48.54	0.00	0.00	NEW HOPE	12.86	12.86	0.00	WHITE BEAR LAKE	21.02	20.94	(0.08)
EDINA	40.85	40.85	0.00	0.00	NEW PRAGUE	7.76	7.76	0.00	WILLMAR	27.87	27.87	0.00
ELK RIVER	38.27	38.27	0.00	0.00	NEW ULM	18.01	18.01	0.00	WINONA	21.86	21.86	0.00
FAIRMONT	20.12	20.12	0.00	0.00	NORTH BRANCH	27.81	27.81	0.00	WOODBURY	57.52	57.52	0.00
FALCON HEIGHTS	3.29	3.29	0.00	0.00	NORTH MANKATO	15.77	15.77	0.00	WORTHINGTON	11.79	11.79	0.00
FARIBAULT	24.07	24.07	0.00	0.00	NORTH ST PAUL	11.34	11.34	0.00	WYOMING	15.92	15.92	0.00
FARMINGTON	16.69	16.69	0.00	0.00	NORTHFIELD	17.06	17.06	0.00	ZIMMERMAN	6.51	6.51	0.00
FERGUS FALLS	26.18	26.18	0.00	0.00	OAK GROVE	25.73	25.73	0.00				
FOREST LAKE	33.83	33.83	0.00	0.00	OAKDALE	19.39	19.39	0.00				
												Total <b>3,729.07</b>
												<b>3,752.13</b> <b>22.62</b>

## **2017 CONSTRUCTION NEEDS & 2018 CONSTRUCTION NEEDS ALLOCATIONS**

50% of the total apportionment is determined on a prorated share that each city's construction needs bears to the total of all construction needs. The construction needs shown in this report are computed from annual Needs Updates submitted by each city. Before determining each city's allocation, the following Municipal Screening Board mandated adjustments are applied to the "unadjusted" construction needs.

- Phase In (or "Restriction": Determine which cities will have a restriction applied to their unadjusted construction Needs)
- Excess Unencumbered Construction Fund Balance Adjustment
- Low Balance Incentive
- After the Fact Right of Way Adjustment
- After the Fact Retaining Wall Adjustment
- After the Fact Railroad Crossing Adjustment
- After the Fact Railroad Bridge over MSAS Adjustment
- Excess Maintenance Account (none for 2017)
- Trunk Highway Turnback Maintenance (none for 2017)

By applying these adjustments and the restriction, the "Adjusted Restricted Construction Needs" are calculated for each city. These are the Needs used to determine Construction Needs Allocations. The actual amount of the road user fund for distribution to the Municipal State Aid Account will not be available until January 2018. The allocations in this book are based on a projected money needs apportionment of \$86,609,182.

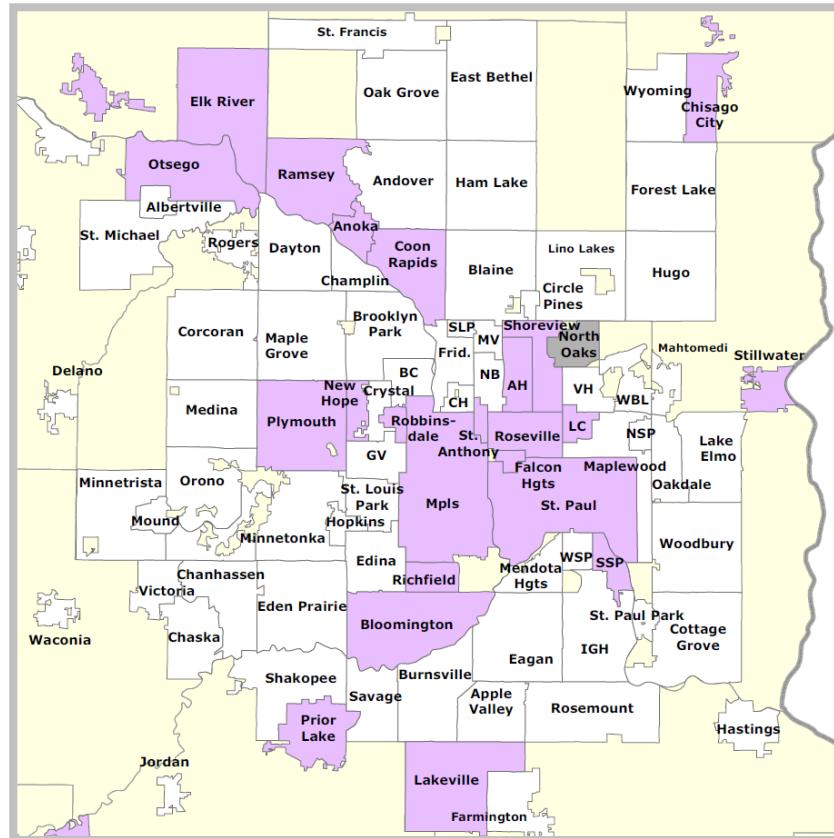
The data on the following pages are for the Screening Board's use in determining the Tentative 2017 Construction Needs. These tabulations show the impact of the individual adjustments and the tentative allocations to each city.

Step one is applying the Restriction.

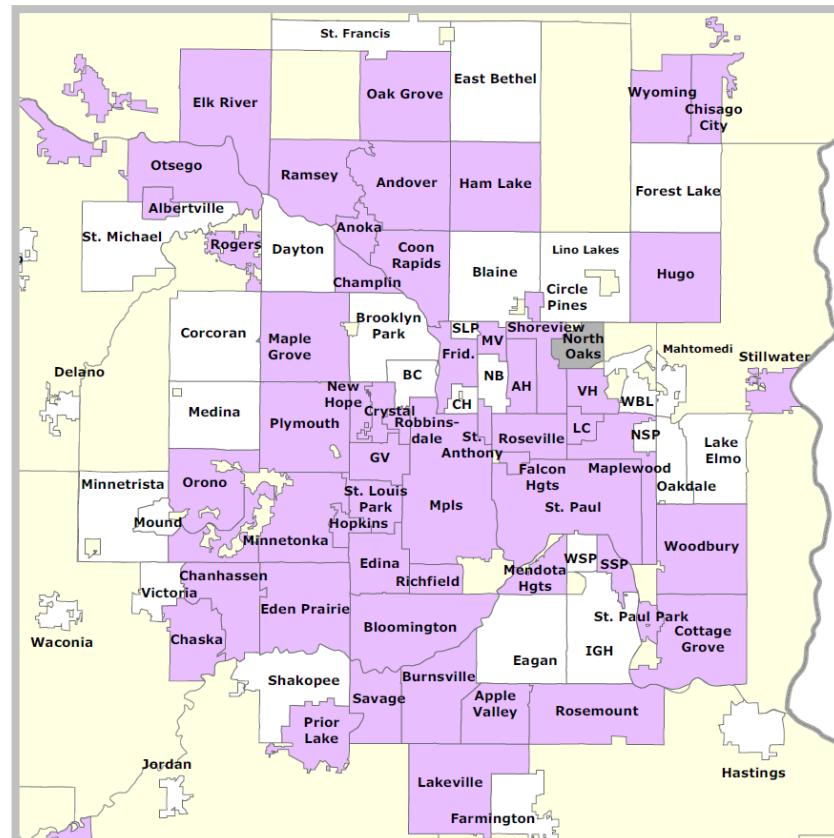
# PHASE IN (RESTRICTION)

## Unrestricted Cities in the Metro

Year One  
(2014)



Year Four  
(2017)



## **STEPS TO COMPUTE PHASE IN (RESTRICTION)**

- Compare this years Unadjusted Needs to last years Restricted Needs.
- Find the Statewide Percent of Change between the two.
- Determine each individual city's Percent of Change from last years Restricted Needs to this years Unadjusted Needs.
- If an individual city's change is more than 5 Percentage Points less than the Statewide Average Percent of Change, increase this year's Unadjusted Needs to 5 Percentage Points less than the Statewide Average Percent of Change to calculate its Restricted Needs.
- If an individual city's Percent of Change is more than 10 Percentage Points greater than the Statewide Average Percent of Change, decrease this year's Unadjusted Needs to 10 Percentage Points more than the Statewide Average Percent of Change to calculate its Restricted Needs.
- If an individual city's Percent of Change is between 5 Percentage Points less and 10 Percentage Points more than the Statewide Average Percent of Change, use the Unadjusted Needs as its Restricted Needs.
- Apply adjustments to the Restricted Needs.

# RESTRICTED NEEDS (PHASE IN) for 2018

Bandwidth is - 5.00% and + 10.00% from the Statewide Average Percent of Change. State Average Percent of Change is **2.29%**. Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **-2.71%**, but not more than **12.29%** from the Restricted Needs from January 2016. Otherwise the restriction is applied.

- 29 Cities received the Lower Restriction
- 20 Cities received the Upper Restriction
- 99 Cities received No Restriction

	Restricted Needs for Jan. 2017 Distribution	Unadjusted Construction Needs for Jan. 2018 Distribution	Percent of Change from Jan. 2017 to Oct. 2018	Percent of Change from Jan. 2017 to Oct. 2018		Upper Restriction (+2.71%)	Lower Restriction (-2.71%)	\$0 (\$46,727,783 to \$46,727,783)	No Restriction (+12.29%)	\$0 (\$46,727,783 to \$46,727,783)	Restricted Needs For Jan. 2018 Distribution
Albert Lea	\$46,171,239	\$46,727,783	1.21	\$0	\$0	\$46,727,783	\$46,727,783	\$46,727,783	\$46,727,783	\$46,727,783	\$46,727,783
Albertville	13,338,618	13,590,010	1.88	0	0	0	0	0	0	0	0
Alexandria	59,677,837	62,232,760	4.28	0	0	0	0	0	0	0	0
Andover	66,747,496	65,120,778	(2.44)	0	0	0	0	0	0	0	0
Anoka	30,514,892	30,369,788	(0.48)	0	0	0	0	0	0	0	0
Apple Valley	75,849,518	79,110,319	4.30	0	0	0	0	0	0	0	0
Arden Hills	11,284,196	11,730,603	3.96	0	0	0	0	0	0	0	0
Austin	63,598,079	63,678,547	0.13	0	0	0	0	0	0	0	0
Baxter	30,244,496	31,539,595	4.28	0	0	0	0	0	0	0	0
Belle Plaine	14,806,081	15,824,483	6.88	0	0	0	0	0	0	0	0
Bemidji	33,806,993	37,168,320	9.94	0	0	0	0	0	0	0	0
Big Lake	16,354,079	17,456,205	6.74	0	0	0	0	0	0	0	0
Blaine	76,542,368	97,446,521	27.31	0	0	0	0	0	0	0	0
Bloomington	174,617,233	179,276,801	2.67	0	0	0	0	0	0	0	0
Brainerd	38,375,841	38,298,195	(0.20)	0	0	0	0	0	0	0	0
Brooklyn Center	30,066,940	45,934,764	52.77	0	0	0	0	0	0	0	0
Brooklyn Park	88,602,955	121,311,115	36.92	0	0	0	0	0	0	0	0
Buffalo	33,088,364	31,270,166	(5.49)	0	0	0	0	0	0	0	0
Burnsville	100,892,599	100,181,128	(0.71)	0	0	0	0	0	0	0	0
Byron	8,686,539	12,824,526	47.64	0	0	0	0	0	0	0	0
Cambridge	23,959,818	33,298,631	38.98	0	0	0	0	0	0	0	0
Champlin	37,574,448	39,011,045	3.82	0	0	0	0	0	0	0	0
Chanhassen	41,115,058	45,901,684	11.64	0	0	0	0	0	0	0	0

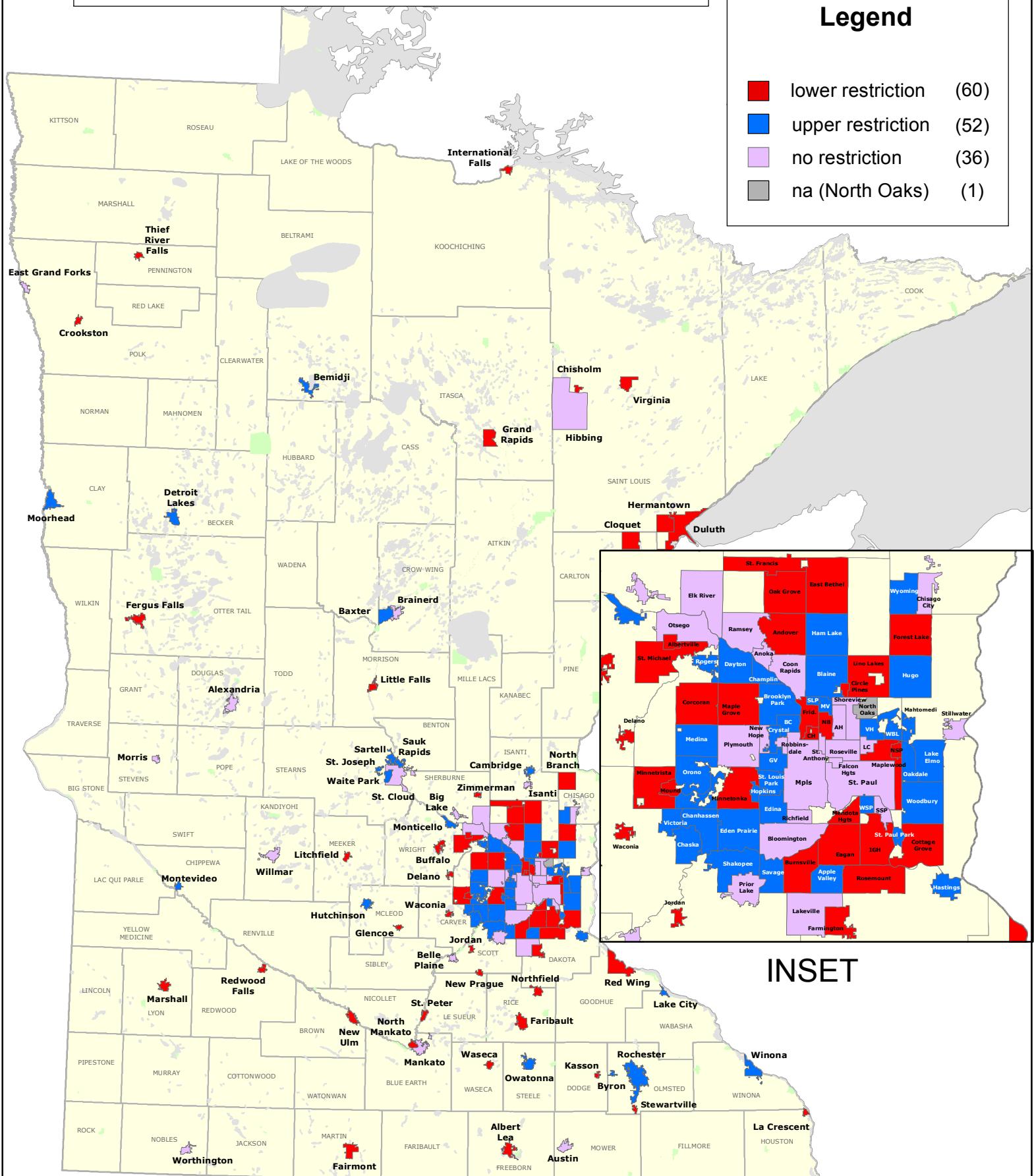
	Restricted Needs for Jan. 2017	Unadjusted Construction Needs for Jan. 2018	Change from Jan. 2017 to Oct. 2018	Lower Restriction (-2.71%)	Upper Restriction (+12.29%)	No Restriction	Restricted Needs For Jan. 2018	Distribution
Chaska	\$39,294,348	\$40,136,293	2.14	\$0	\$0	\$40,136,293	\$40,136,293	
Chisago City	11,901,759	13,012,316	9.33	0	0	13,012,316	13,012,316	
Chisholm	14,317,473	13,256,328	(7.41)	13,929,469	0	0	13,929,469	
Circle Pines	5,413,158	5,645,263	4.29	0	0	5,645,263	5,645,263	
Cloquet	35,601,610	37,445,871	5.18	0	0	37,445,871	37,445,871	
Columbia Heights	23,621,459	21,788,480	(7.76)	22,981,317	0	0	22,981,317	
Coon Rapids	92,826,714	94,681,739	2.00	0	0	94,681,739	94,681,739	
Corcoran	20,682,440	19,451,163	(5.95)	20,121,945	0	0	20,121,945	
Cottage Grove	63,683,113	66,255,184	4.04	0	0	66,255,184	66,255,184	
Crookston	30,520,057	24,063,095	(21.16)	29,692,963	0	0	29,692,963	
Crystal	26,987,842	28,887,107	7.04	0	0	28,887,107	28,887,107	
Dayton	12,472,812	14,401,046	15.46	0	14,005,720	0	14,005,720	
Delano	13,535,444	10,434,575	(22.91)	13,168,633	0	0	13,168,633	
Detroit Lakes	39,271,722	43,788,603	11.50	0	0	43,788,603	43,788,603	
Duluth	280,735,927	246,536,766	(12.18)	273,127,983	0	0	273,127,983	
Eagan	111,087,464	103,843,880	(6.52)	108,076,993	0	0	108,076,993	
East Bethel	42,064,122	37,004,922	(12.03)	40,924,184	0	0	40,924,184	
East Grand Forks	37,570,365	36,329,527	(3.30)	36,552,208	0	0	36,552,208	
Eden Prairie	104,633,102	107,913,860	3.14	0	0	107,913,860	107,913,860	
Edina	89,283,910	93,855,254	5.12	0	0	93,855,254	93,855,254	
Elk River	71,480,110	73,670,171	3.06	0	0	73,670,171	73,670,171	
Fairmont	37,053,766	38,102,674	2.83	0	0	38,102,674	38,102,674	
Falcon Heights	5,180,046	5,398,624	4.22	0	0	5,398,624	5,398,624	
Faribault	52,570,907	52,171,332	(0.76)	0	0	52,171,332	52,171,332	
Farmington	29,937,777	28,965,972	(3.25)	29,126,463	0	0	29,126,463	
Fergus Falls	57,643,718	57,612,941	(0.05)	0	0	57,612,941	57,612,941	
Forest Lake	61,966,433	54,685,619	(11.75)	60,287,143	0	0	60,287,143	
Fridley	38,831,511	39,593,490	1.96	0	0	39,593,490	39,593,490	
Glencoe	13,552,406	13,561,695	0.07	0	0	13,561,695	13,561,695	
Golden Valley	47,118,074	48,616,755	3.18	0	0	48,616,755	48,616,755	
Grand Rapids	55,344,848	45,446,866	(17.88)	53,845,003	0	0	53,845,003	
Ham Lake	43,646,780	45,447,075	4.12	0	0	45,447,075	45,447,075	
Hastings	26,986,859	44,193,189	63.76	0	30,303,544	0	30,303,544	

	Restricted Needs for Jan. 2017 Distribution	Unadjusted Construction Needs for Jan. 2018 Distribution	Percent of Change from Jan. 2017 to Oct. 2018	Lower Restriction (-2.71%)	Upper Restriction (+12.29%)	\$0	\$33,535,750	\$33,535,750	Restricted Needs For Jan. 2018	Distribution
Hermantown	\$34,110,262	\$33,535,750	(1.68)	\$0	\$0	\$0	\$33,535,750	\$33,535,750	\$33,535,750	
Hibbing	79,357,974	82,717,994	4.23	0	0	0	82,717,994	82,717,994	82,717,994	
Hopkins	21,331,279	22,031,057	3.28	0	0	0	22,031,057	22,031,057	22,031,057	
Hugo	31,276,879	32,610,648	4.26	0	0	0	32,610,648	32,610,648	32,610,648	
Hutchinson	35,635,423	40,849,973	14.63	0	40,015,016	0	40,015,016	0	40,015,016	
International Falls	11,254,244	11,660,747	3.61	0	0	0	11,660,747	11,660,747	11,660,747	
Inver Grove Heights	61,974,530	57,880,497	(6.61)	60,295,021	0	0	0	0	0	
Isanti	9,575,800	9,905,099	3.44	0	0	0	9,905,099	9,905,099	9,905,099	
Jordan	11,771,624	10,345,089	(12.12)	11,452,613	0	0	0	0	0	
Kasson	10,079,303	10,296,471	2.15	0	0	0	10,296,471	10,296,471	10,296,471	
La Crescent	9,242,957	8,334,112	(9.83)	8,992,472	0	0	0	0	0	
Lake City	11,872,457	12,380,867	4.28	0	0	0	12,380,867	12,380,867	12,380,867	
Lake Elmo	25,501,443	28,952,643	13.53	0	28,635,570	0	0	0	0	
Lakeville	115,131,478	126,423,219	9.81	0	0	0	126,423,219	126,423,219	126,423,219	
Lino Lakes	42,867,966	34,417,908	(19.71)	41,706,244	0	0	0	0	0	
Litchfield	16,350,013	13,470,457	(17.61)	15,906,928	0	0	0	0	0	
Little Canada	18,791,195	19,567,624	4.13	0	0	0	19,567,624	19,567,624	19,567,624	
Little Falls	33,078,361	34,488,061	4.26	0	0	0	34,488,061	34,488,061	34,488,061	
Mahtomedi	11,685,159	14,699,256	25.79	0	13,121,265	0	0	0	0	
Mankato	88,991,834	92,025,465	3.41	0	0	0	92,025,465	92,025,465	92,025,465	
Maple Grove	114,983,958	117,308,256	2.02	0	0	0	117,308,256	117,308,256	117,308,256	
Maplewood	69,055,301	69,250,125	0.28	0	0	0	69,250,125	69,250,125	69,250,125	
Marshall	34,525,045	35,318,979	2.30	0	0	0	35,318,979	35,318,979	35,318,979	
Medina	13,049,928	17,665,582	35.37	0	14,653,764	0	0	0	0	
Mendota Heights	25,421,627	25,672,185	0.99	0	0	0	25,672,185	25,672,185	25,672,185	
Minneapolis	575,257,853	568,805,116	(1.12)	0	0	0	568,805,116	568,805,116	568,805,116	
Minnetonka	94,827,062	96,791,286	2.07	0	0	0	96,791,286	96,791,286	96,791,286	
Minnetrista	21,271,130	16,279,025	(23.47)	20,694,682	0	0	0	0	0	
Montevideo	13,554,888	14,152,765	4.41	0	0	0	14,152,765	14,152,765	14,152,765	
Monticello	20,702,696	23,045,948	11.32	0	0	0	23,045,948	23,045,948	23,045,948	
Moorhead	123,018,800	120,647,905	(1.93)	0	0	0	120,647,905	120,647,905	120,647,905	
Morris	14,201,590	14,818,340	4.34	0	0	0	14,818,340	14,818,340	14,818,340	
Mound	15,892,672	12,713,372	(20.00)	15,461,980	0	0	0	0	0	

	Restricted Needs for Jan. 2017	Unadjusted Construction Needs for Jan. 2018	Change from Jan. 2017 to Oct. 2018 Distribution	Lower Restriction (-2.71%)	Upper Restriction (+12.29%)	No Restriction (\$0)	Restricted Needs For Jan. 2018	Distribution
Mounds View	\$16,540,887	\$17,254,956	4.32	\$0	\$0	\$17,254,956	\$17,254,956	
New Brighton	25,642,972	24,892,993	(2.92)	24,948,048	0	0	24,948,048	
New Hope	24,740,669	25,802,589	4.29	0	0	25,802,589	25,802,589	
New Prague	10,685,676	11,318,220	5.92	0	0	11,318,220	11,318,220	
New Ulm	35,115,718	32,031,617	(8.78)	34,164,082	0	0	34,164,082	
North Branch	46,331,090	39,565,542	(14.60)	45,075,518	0	0	45,075,518	
North Mankato	30,274,962	31,572,981	4.29	0	0	31,572,981	31,572,981	
North St. Paul	20,163,158	18,894,536	(6.29)	19,616,737	0	0	19,616,737	
Northfield	30,286,596	30,738,417	1.49	0	0	30,738,417	30,738,417	
Oak Grove	37,223,952	36,345,317	(2.36)	0	0	36,345,317	36,345,317	
Oakdale	25,850,381	39,541,357	52.96	0	29,027,393	0	29,027,393	
Orono	15,853,168	17,414,971	9.85	0	0	17,414,971	17,414,971	
Otsego	37,103,424	37,433,757	0.89	0	0	37,433,757	37,433,757	
Owatonna	65,999,166	67,811,102	2.75	0	0	67,811,102	67,811,102	
Plymouth	130,072,208	140,601,391	8.09	0	0	140,601,391	140,601,391	
Prior Lake	33,538,457	34,930,729	4.15	0	0	34,930,729	34,930,729	
Ramsey	53,835,728	55,801,555	3.65	0	0	55,801,555	55,801,555	
Red Wing	46,336,378	47,492,361	2.49	0	0	47,492,361	47,492,361	
Redwood Falls	15,591,921	15,931,509	2.18	0	0	15,931,509	15,931,509	
Richfield	50,852,156	53,012,754	4.25	0	0	53,012,754	53,012,754	
Robbinsdale	18,425,708	18,895,108	2.55	0	0	18,895,108	18,895,108	
Rochester	250,746,821	271,150,298	8.14	0	0	271,150,298	271,150,298	
Rogers	37,530,702	39,157,930	4.34	0	0	39,157,930	39,157,930	
Rosemount	49,723,426	48,522,608	(2.41)	0	0	48,522,608	48,522,608	
Roseville	49,110,901	52,186,243	6.26	0	0	52,186,243	52,186,243	
Sartell	34,783,329	36,136,867	3.89	0	0	36,136,867	36,136,867	
Sauk Rapids	30,193,740	31,888,289	5.61	0	0	31,888,289	31,888,289	
Savage	44,924,623	49,502,903	10.19	0	0	49,502,903	49,502,903	
Shakopee	64,070,639	73,573,097	14.83	0	71,944,921	0	71,944,921	
Shoreview	32,441,806	33,844,374	4.32	0	0	33,844,374	33,844,374	
Shorewood	15,247,880	15,913,983	4.37	0	0	15,913,983	15,913,983	
South St. Paul	29,238,876	30,368,536	3.86	0	0	30,368,536	30,368,536	
Spring Lake Park	8,078,874	10,492,657	29.88	0	9,071,767	0	9,071,767	

	Restricted Needs for Jan. 2017	Unadjusted Construction Needs for Jan. 2018	Change from Jan. 2017 to Oct. 2018	Lower Restriction (-2.71%)	Upper Restriction (+12.29%)	No Restriction	Restricted Needs For Jan. 2018	Distribution
St. Anthony	\$12,600,527	\$12,805,488	1.63	\$0	\$0	\$12,805,488	\$12,805,488	
St. Cloud	143,188,238	149,100,630	4.13	0	0	149,100,630	149,100,630	
St. Francis	25,543,205	20,295,087	(20.55)	24,850,984	0	0	0	24,850,984
St. Joseph	4,141,687	10,548,235	154.68	0	4,650,701	0	0	4,650,701
St. Louis Park	73,861,691	76,493,541	3.56	0	0	76,493,541	76,493,541	
St. Michael	48,158,866	36,386,940	(24.44)	46,853,760	0	0	0	46,853,760
St. Paul	462,685,921	450,892,775	(2.55)	0	0	450,892,775	450,892,775	
St. Paul Park	10,689,364	11,351,297	6.19	0	0	11,351,297	11,351,297	
St. Peter	28,351,650	25,858,949	(8.79)	27,583,321	0	0	0	27,583,321
Stewartville	6,564,633	6,845,140	4.27	0	0	6,845,140	6,845,140	
Stillwater	31,733,856	33,065,936	4.20	0	0	33,065,936	33,065,936	
Thief River Falls	40,590,573	31,362,700	(22.73)	39,490,569	0	0	0	39,490,569
Vadnais Heights	14,818,450	15,963,859	7.73	0	0	15,963,859	15,963,859	
Victoria	10,414,065	13,305,619	27.77	0	11,693,953	0	0	11,693,953
Virginia	29,019,504	30,991,783	6.80	0	0	30,991,783	30,991,783	
Waconia	21,011,426	26,117,057	24.30	0	23,593,730	0	0	23,593,730
Waite Park	11,624,837	14,999,023	29.03	0	13,053,530	0	0	13,053,530
Waseca	12,770,524	12,940,494	1.33	0	0	12,940,494	12,940,494	
West St. Paul	22,543,169	25,608,106	13.60	0	25,313,725	0	0	25,313,725
White Bear Lake	30,912,499	36,834,324	19.16	0	34,711,645	0	0	34,711,645
Willmar	58,307,681	58,183,047	(0.21)	0	0	58,183,047	58,183,047	
Winona	46,276,872	47,865,239	3.43	0	0	47,865,239	47,865,239	
Woodbury	120,679,687	125,065,235	3.63	0	0	125,065,235	125,065,235	
Worthington	20,382,799	21,083,004	3.44	0	0	21,083,004	21,083,004	
Wyoming	23,911,049	24,933,799	4.28	0	0	24,933,799	24,933,799	
Zimmerman	9,098,609	8,605,484	(5.42)	8,852,037	0	0	0	8,852,037
<b>Total</b>	<b>\$7,304,813,870</b>	<b>\$7,472,087,601</b>	<b>2.29%</b>	<b>\$1,179,970,973</b>	<b>\$619,658,691</b>	<b>\$5,685,079,213</b>	<b>\$7,484,708,876</b>	

## **Restricted Cities, 2014**

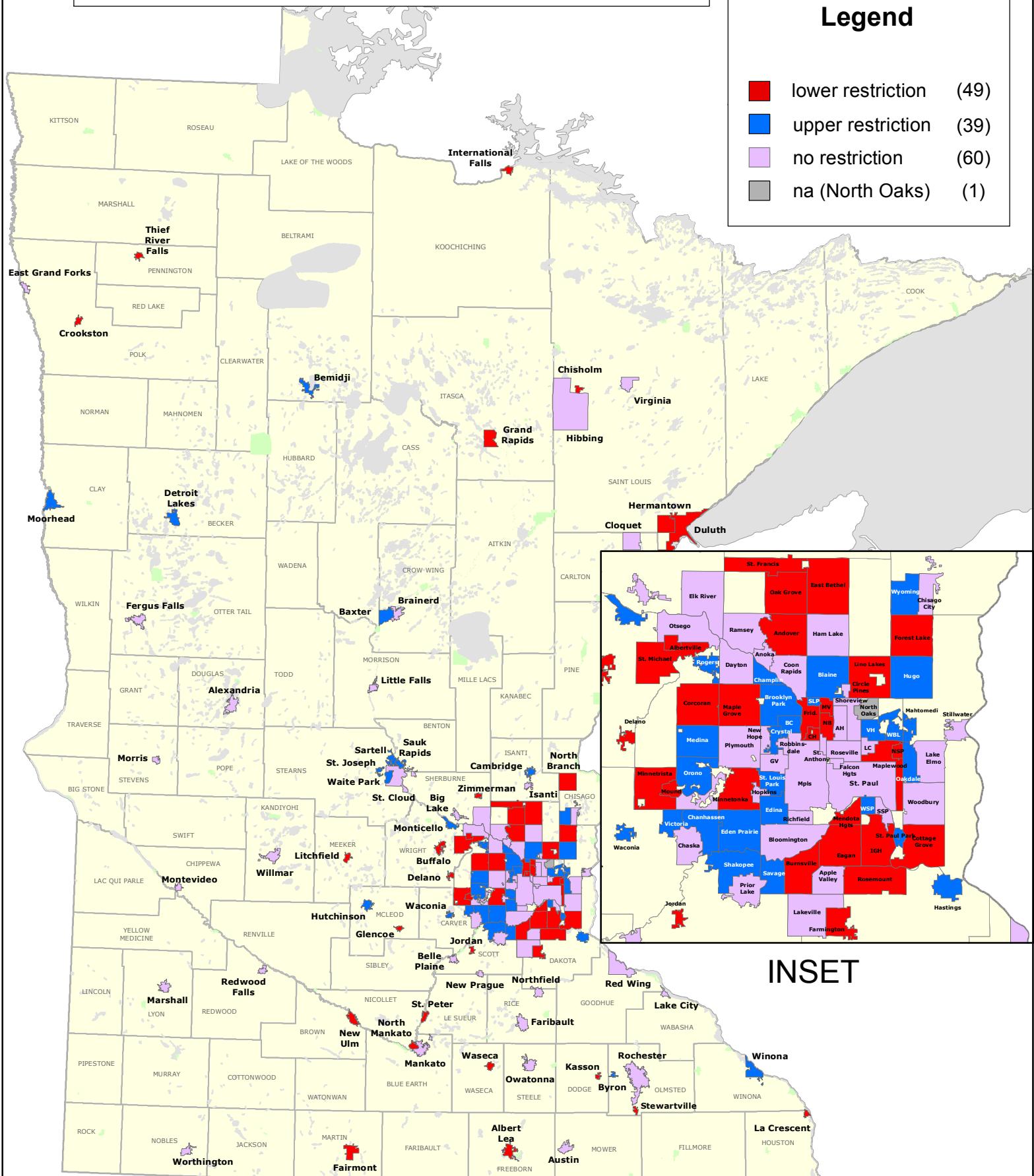


40

# Restricted Cities, 2015

## Legend

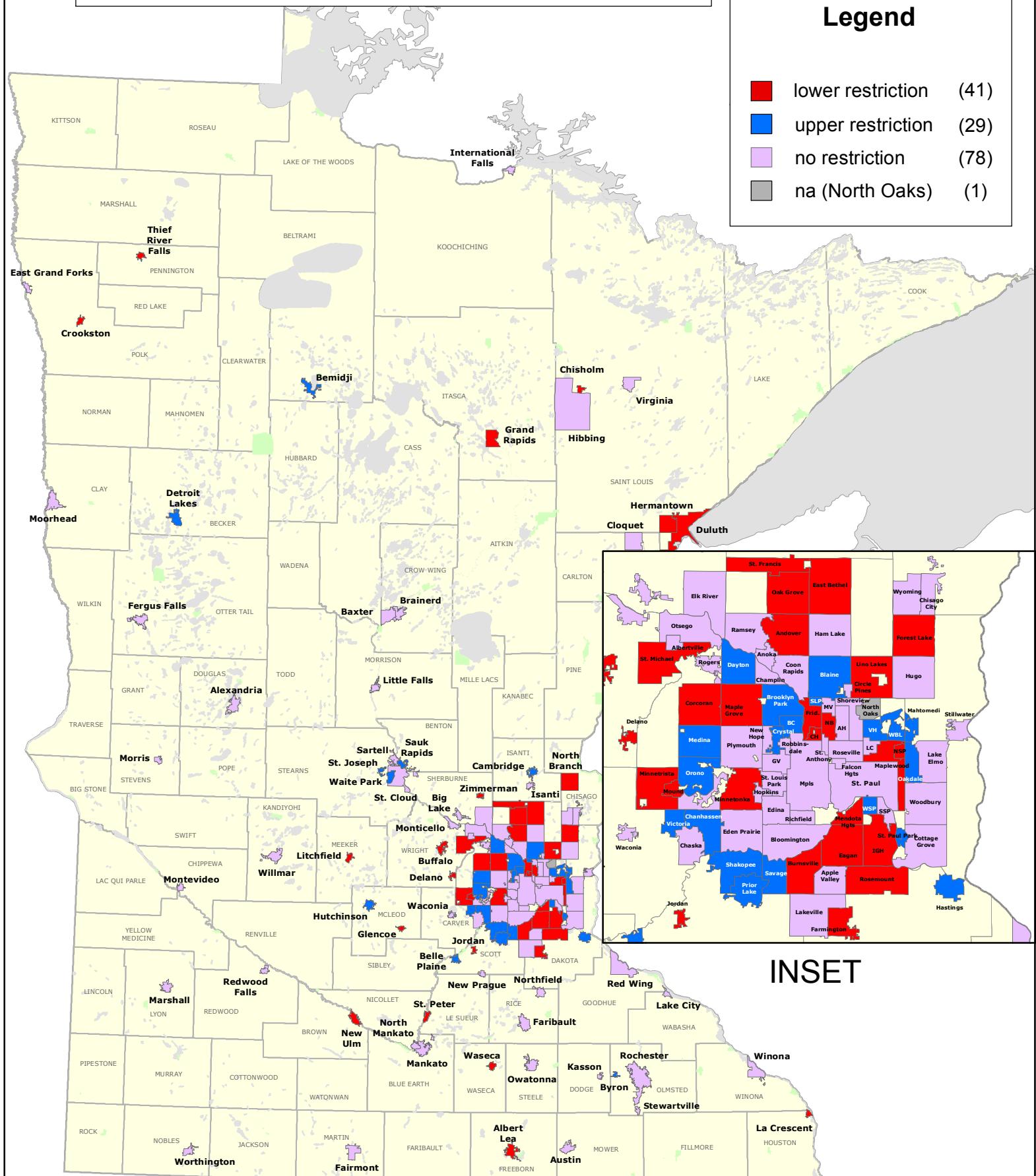
- lower restriction (49)
- upper restriction (39)
- no restriction (60)
- na (North Oaks) (1)



## INSET

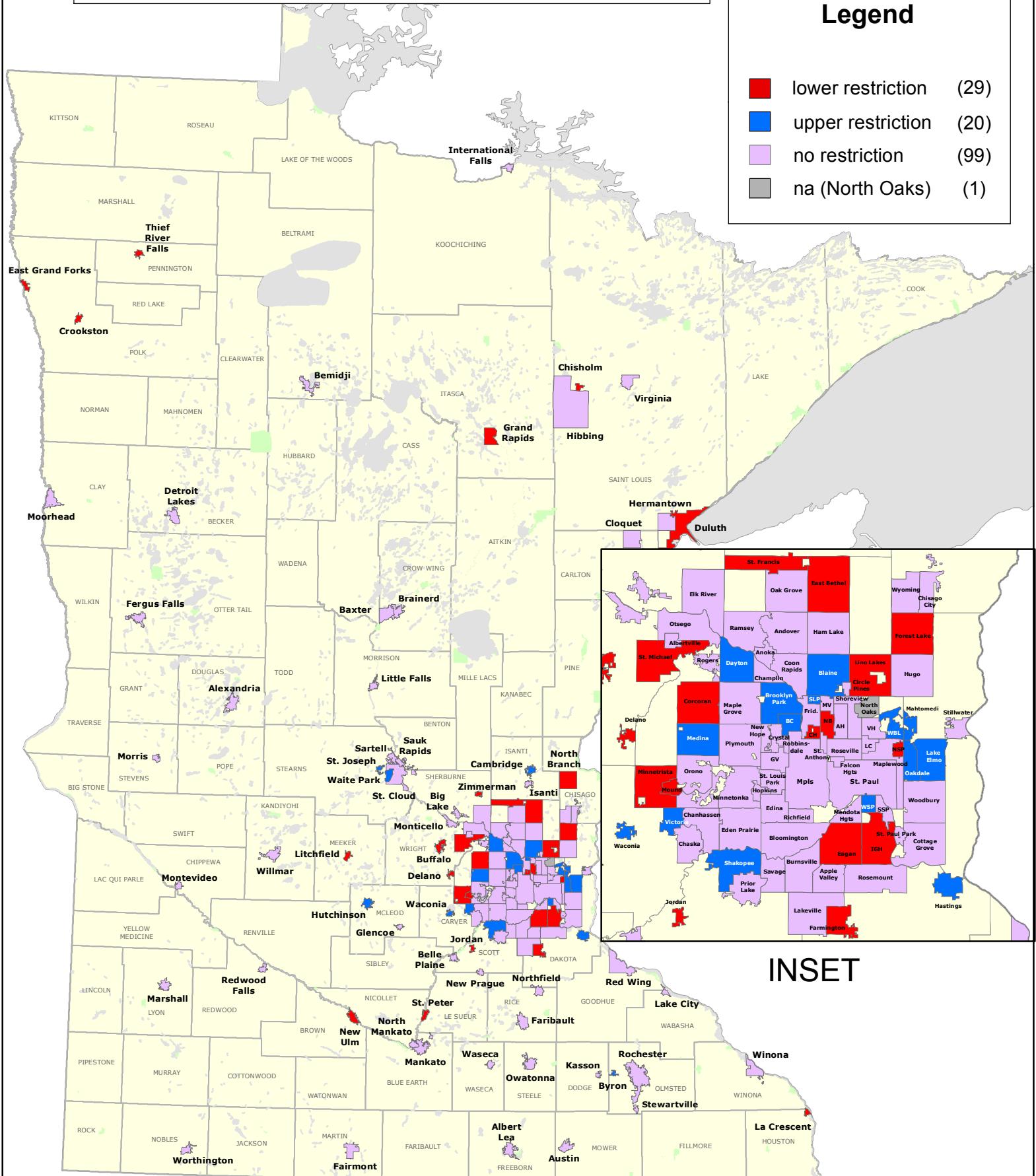
# Restricted Cities, 2016

## Legend



42

# Restricted Cities, 2017



## Legend

- █ lower restriction (29)
- █ upper restriction (20)
- █ no restriction (99)
- █ na (North Oaks) (1)

## INSET

# **Adjustments to the Restricted Construction Needs**



# **EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT**

## **Screening Board Resolution states:**

That the December 31 construction fund balance will be compared to the annual construction allotment from January of the same year. If the December 31 construction fund balance exceeds 3 times the January construction allotment and \$1,500,000, the first year adjustment to the Needs will be 1 times the December 31 construction fund balance. In each consecutive year the December 31 construction fund balance exceeds 3 times the January construction allotment and \$1,500,000, the adjustment to the Needs will be increased to 2, 3, 4, etc. times the December 31 construction fund balance until such time the Construction Needs are reduced to zero. If the December 31 construction fund balance drops below 3 times the January construction allotment and subsequently increases to over 3 times, the multipliers shall start over with one.

# **LOW BALANCE INCENTIVE**

## **Screening Board Resolution states:**

That the amount of the Excess Unencumbered Construction Fund Balance Adjustment shall be redistributed to the Construction Needs of all municipalities whose December 31 construction fund balance is less than one times their January construction allotment of the same year. This redistribution shall be based on a city's prorated share of its Unadjusted Construction Needs to the total Unadjusted Construction Needs of all participating cities times the total Excess Balance Adjustment.

**The August 15, 2017 balance is used for this estimate. The final adjustment will be made using the December 31, 2017 construction fund balances.**

## EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

no cities had this adjustment in 2015, 2016, or 2017

Municipality	January 2017 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/15/2017	Ratio bet. City's 2016 Construction Allotment	First Year of Excess Balance Adjustment			Excess Balance Adjustment	Restricted Needs for 2018 Distribution	Low Balance Incentive Factor	Low Balance Incentive
				Construction Adjustment	Multiplier	Adjustment				
Albert Lea	\$707,732	\$1,766,986	2.497							
Albertville	308,337	623,230	2.021							
Alexandria	750,886	(1,561,216)	(2.079)					\$62,232,760	0.0166	\$474,194
Andover	1,117,542	(817,765)	(0.732)					65,120,778	0.0173	496,200
Anoka	563,980	(757,322)	(1.343)					30,369,788	0.0081	231,408
Apple Valley	1,507,779	2,372,107	1.573							
Arden Hills	264,124	(318,240)	(1.205)							
Austin	1,210,322	2,356,586	1.947					11,730,603	0.0031	89,384
Baxter	404,682	914,917	2.261							
Belle Plaine	285,859	0	0.000					15,824,483	0.0042	120,578
Bemidji	548,068	289,817	0.529					37,168,320	0.0099	283,211
Big Lake	293,026	(62,366)	(0.213)					17,456,205	0.0046	133,011
Blaine	1,776,967	3,311,822	1.864							
Bloomington	2,631,509	8,147,330	3.096	2018	1	(8,147,330)				
Brainerd	744,295	(1,079,049)	(1.450)					38,298,195	0.0102	291,820
Brooklyn Center	881,770	101,224	0.115					33,762,167	0.0090	257,257
Brooklyn Park	2,099,678	634,847	0.302					99,492,258	0.0265	758,100
Buffalo	578,025	(853,872)	(1.477)					32,191,670	0.0086	245,290
Burnsville	1,923,412	40,719	0.021					100,181,128	0.0267	763,349
Byron	166,813	326,170	1.955							
Cambridge	423,047	0	0.000					26,904,480	0.0072	205,004
Champlin	717,422	1,252,086	1.745							
Chanhassen	783,241	215,135	0.275					45,901,684	0.0122	349,756
Chaska	774,184	0	0.000					40,136,293	0.0107	305,826
Chisago City	190,901	107,339	0.562					13,012,316	0.0035	99,150
Chisholm	209,590	54,363	0.259					13,929,469	0.0037	106,138
Circle Pines	146,831	126,363	0.861					5,645,263	0.0015	43,015
Cloquet	449,104	110,556	0.246					37,445,871	0.0100	285,326
Columbia Heights	542,539	375,226	0.692					22,981,317	0.0061	175,110
Coon Rapids	2,268,613	(3,534,966)	(1.558)					94,681,739	0.0252	721,445
Corcoran	236,821	1,621,180	6.846	2018	1	(1,621,180)				
Cottage Grove	1,503,461	0	0.000					66,255,184	0.0176	504,844
Crookston	401,222	618,712	1.542							
Crystal	620,356	0	0.000					28,887,107	0.0077	220,111
Dayton	194,250	716,082	3.686	No Adjustment / balance under 1.5 million						

Municipality	January 2017 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/15/2017	Ratio bet. City's 2016 Construction Allotment	First Year of Excess Balance & Construction Adjustment			Excess Balance Adjustment	Restricted Needs for 2018 Distribution	Low Balance Incentive Factor	Low Balance Incentive
				Construction Adjustment	Multiplier	Adjustment				
Delano	\$211,373	\$0	0.000					\$13,168,633	0.0035	\$100,341
Detroit Lakes	500,835	(678,703)	(1.355)					43,788,603	0.0117	333,655
Duluth	3,724,636	4,830,918	1.297							
Eagan	2,683,678	(3,180,000)	(1.185)					108,076,993	0.0288	823,513
East Bethel	567,365	0	0.000					40,924,184	0.0109	311,829
East Grand Forks	370,911	262,904	0.709					36,552,208	0.0097	278,516
Ecen Prairie	2,141,707	9,458,385	4.416	2018	1	(9,458,385)				
Edina	1,635,943	1,344,385	0.822					93,855,254	0.0250	715,148
Elk River	1,050,066	1,673,342	1.594							
Fairmont	642,032	980,624	1.527							
Falcon Heights	117,630	364,678	3.100	No Adjustment / balance under 1.5 million						
Faribault	862,147	1,119,187	1.298					29,126,463	0.0078	221,934
Farmington	639,151	0	0.000							
Fergus Falls	739,237	1,153,232	1.560							
Forest Lake	883,682	1,132,442	1.282							
Fridley	710,156	521,405	0.734					39,593,490	0.0105	301,690
Glencoe	199,633	380,644	1.907							
Golden Valley	710,617	2,146,600	3.021	2018	1	(2,146,600)				
Grand Rapids	623,364	740,788	1.188							
Ham Lake	654,720	398,467	0.609					45,447,075	0.0121	346,292
Hastings	617,208	830,175	1.345							
Hermantown	553,526	533,647	0.964					33,535,750	0.0089	255,532
Hibbing	903,603	(321,745)	(0.356)					82,717,994	0.0220	630,285
Hopkins	509,563	(69,555)	(0.136)					22,031,057	0.0059	167,870
Hugo	515,126	0	0.000					32,610,648	0.0087	248,483
Hutchinson	706,119	1,889,464	2.676							
International Falls	263,137	799,669	3.039	No Adjustment / balance under 1.5 million						
Inver Grove Heights	1,140,105	2,626,777	2.304							
Isanti	176,203	(207,556)	(1.178)					9,905,099	0.0026	75,474
Jordan	206,423	(336,698)	(1.631)					11,452,613	0.0030	87,265
Kasson	192,556	1,113,716	5.784	No Adjustment / balance under 1.5 million						
La Crescent	215,196	215,196	1.000							
Lake City	189,800	(256,809)	(1.353)					12,380,867	0.0033	94,338
Lake Elmo	368,848	521,383	1.414							
Lakeville	2,344,515	(625,719)	(0.267)					126,423,219	0.0337	963,305
Lino Lakes	723,413	0	0.000					41,706,244	0.0111	317,788
Litchfield	256,802	1,493,235	5.815	No Adjustment / balance under 1.5 million						
Little Canada	331,590	(618,092)	(1.864)							
Little Falls	567,801	767,774	1.352					19,567,624	0.0052	149,099

Municipality	January 2017 Construction Allotment	Unencumbered Available (90&90p acct) as of 8/15/2017	Ratio bet. Balance & City's 2016 Construction Allotment	First Year of Excess Balance Adjustment			Excess Balance Adjustment	Restricted Needs for 2018 Distribution	Low Balance Incentive Factor		
				2018	1	(1,522,315)			1	0.0245	\$701,205
Mahtomedi	\$234,046	\$1,522,315	6.504								
Mankato	1,486,179	610,969	0.411								
Maple Grove	2,119,541	1,935,475	0.923								
Maplewood	1,359,504	(843,802)	(0.621)								
Marshall	694,802	(1,701,531)	(2.449)								
Medina	214,575	214,575	1.000								
Mendota Heights	409,836	545,852	1.332								
Minneapolis	10,369,393	29,826,188	2.876								
Minnetonka	2,145,080	4,662,940	2.174								
Minnetrista	291,562	605,572	2.077								
Montevideo	265,819	235,056	0.884								
Monticello	404,865	91,389	0.226								
Moorhead	1,819,776	53,867	0.030								
Morris	215,571	258,508	1.199								
Mound	293,878	(1,251,940)	(4.260)								
Mounds View	363,357	0	0.000								
New Brighton	596,745	(2,448,740)	(4.137)								
New Hope	573,267	(2,227,239)	(3.885)								
New Prague	219,713	(92,698)	(0.422)								
New Ulm	687,771	776,984	1.130								
North Branch	570,576	1,630,521	2.858								
North Mankato	408,031	(2,744,835)	(6.727)								
North St. Paul	383,766	1,188,724	3.045	No Adjustment / balance under 1.5 million							
Northfield	606,487	1,047,443	1.727								
Oak Grove	472,109	21,065	0.045								
Oakdale	699,292	1,513,662	2.165								
Orono	228,109	751,268	3.293	No Adjustment / balance under 1.5 million							
Otsego	589,483	1,456,380	2.471								
Owatonna	1,224,311	1,789,724	1.462								
Plymouth	2,397,301	0	0.000								
Prior Lake	622,285	126,077	0.203								
Ramsey	717,811	1,150,560	1.603								
Red Wing	602,382	0	0.000								
Redwood Falls	224,966	125,772	0.559								
Richfield	1,211,618	1,248,310	1.030								
Robbinsdale	530,346	1,403,554	2.646								
Rochester	4,565,966	2,007,995	0.440								
Rogers	536,860	1,643,290	3.061	2018	1	(1,643,290)					
Rosemount	1,058,814	2,771,310	2.617								

Municipality	January 2017 Construction Allotment	Unencumbered Available (90&90p acct) as of 8/15/2017	Ratio bet. Balance & City's 2016 Construction Allotment	First Year of Excess Balance Adjustment			Excess Balance Adjustment	Restricted Needs Distribution for 2018	Low Balance Incentive Factor
				Construction	Multiplier	Adjustment			
Roseville	\$1,022,209	\$383,462	0.375				\$52,186,243	0.0139	39,643
Sartell	769,320	(1,825,777)	(2,373)				\$36,136,867	0.0096	\$275,352
Sauk Rapids	636,557	(237,810)	(0.374)				\$31,888,289	0.0085	242,979
Savage	1,164,243	1,234,194	1.060						
Shakopee	1,072,240	19,593	0.018				71,944,921	0.0192	548,198
Shoreview	722,251	0	0.000				33,844,374	0.0090	257,883
Shorewood	260,602	563,244	2.161						
South Saint Paul	597,811	2,309,548	3.863	2018	1	(2,309,548)			
Spring Lake Park	180,097	0	0.000				9,071,767	0.0024	69,124
St. Anthony	266,122	(952,234)	(3.578)				12,805,488	0.0034	97,574
St Cloud	2,383,105	2,126,770	0.892				149,100,630	0.0397	1,136,100
St Francis	347,083	1,186,779	3.419	No Adjustment / balance under 1.5 million					
St Joseph	149,883	253,758	1.693						
St Louis Park	1,264,408	(861,260)	(0.681)				76,493,541	0.0204	582,857
St Michael	709,051	815,908	1.151						
St Paul	8,617,068	15,328,693	1.779						
St Paul Park	185,578	501,668	2.703						
St Peter	484,386	288,744	0.534				27,583,321	0.0073	210,176
Stewartville	162,432	(215,503)	(1.327)				6,845,140	0.0018	52,158
Stillwater	609,701	1,090,148	1.788						
Thief River Falls	501,592	57,789	0.115				39,490,569	0.0105	300,906
Vadnais Heights	294,324	283,285	0.962				15,963,859	0.0043	121,640
Victoria	238,516	238,517	1.000						
Virginia	400,672	929,229	2.319						
Waconia	490,239	492,996	1.006						
Waite Park	308,561	134,522	0.436				13,053,530	0.0035	99,464
Waseca	271,711	607,725	2.237						
West St Paul	536,880	96,880	0.180				25,313,725	0.0067	192,883
White Bear Lake	687,272	0	0.000				34,711,645	0.0092	264,492
Willmar	844,515	403,670	0.478				58,183,047	0.0155	443,337
Windona	869,187	1,276,492	1.469						
Woodbury	2,238,944	0	0.000				125,065,235	0.0333	952,958
Worthington	433,698	1,767,593	4.076	2018	1	(1,767,593)			
Wyoming	432,351	726,678	1.681						
Zimmerman	217,334	(360,116)	(1.657)				8,852,037	0.0024	67,450
<b>Total</b>	<b>\$131,462,391</b>	<b>\$126,621,920</b>					<b>(\$28,616,241)</b>	<b>\$3,755,567,147</b>	<b>1,0000</b>

# NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

(see Screening Board resolution on After the Fact Right-of-Way Adjustment)

06-Sep-17

Municipality	Total Right-of-Way Expenditures for 2017 Allocations	New Right-of-Way Expenditures for 2018 + Allocation	Right-of-Way Expenditures Expired in 2017	=	Total Right-of-Way Expenditures for 2018 Allocations
Albert Lea					
Albertville					
Alexandria	\$367,593				\$367,593
Andover	1,016				1,016
Anoka					
Apple Valley	126,066		(103,229)		22,837
Arden Hills					
Austin					
Baxter	468,225				468,225
Belle Plaine	1,224,822				1,224,822
Bemidji	56,122		(56,122)		
Big Lake					
Blaine	5,237,117		(4,505)		5,232,612
Bloomington *	4,728,335	overpayment expired	444,538		5,172,873
Brainerd	1,269,506				1,269,506
Brooklyn Center					
Brooklyn Park *	47,446		(2,569)		44,877
Buffalo	1,550,985				1,550,985
Burnsville					
Byron					
Cambridge					
Champlin	62,348				62,348
Chanhassen					
Chaska					
Chisago City					
Chisholm					
Circle Pines	82,365				82,365
Cloquet					
Columbia Heights					
Coon Rapids	2,469,664				2,469,664
Corcoran					
Cottage Grove	492,450				492,450
Crookston					
Crystal					
Dayton					
Delano					
Detroit Lakes	51,476				51,476
Duluth	2,564,618				2,564,618
Eagan	4,526,826		(190,644)		4,336,182
East Bethel	128,055				128,055
East Grand Forks	141,624				141,624
Eden Prairie	445,608				445,608
Edina	138,273		(109,707)		28,566
Elk River	2,341,754				2,341,754
Fairmont					
Falcon Heights					
Faribault	387,986		(273,000)		114,986
Farmington					

Municipality	Total Right-of-Way Expenditures for 2017 Allocations	+ New Right-of-Way Expenditures for 2018 Allocation	+ Right-of-Way Expenditures Expired in 2017	= Total Right-of-Way Expenditures for 2018 Allocations
Fergus Falls	\$318,549			\$318,549
Forest Lake	14,872		(8,033)	6,839
Fridley				
Glencoe				
Golden Valley				
Grand Rapids	2,386,592			2,386,592
Ham Lake	820,610		(25,728)	794,882
Hastings				
Hermantown	177,124		(2,465)	174,659
Hibbing				
Hopkins				
Hugo				
Hutchinson				
International Falls				
Inver Grove Heights	776,192			776,192
Isanti				
Jordan				
Kasson				
La Crescent	25,000			25,000
Lake City	7,000			7,000
Lake Elmo				
Lakeville	1,015,804			1,015,804
Lino Lakes	360,549			360,549
Litchfield				
Little Canada				
Little Falls	1,333,864			1,333,864
Mahtomedi				
Mankato	347,928	overpayment expired	12,427	360,355
Maple Grove	2,052,966		(242,962)	1,810,004
Maplewood	5,279,548			5,279,548
Marshall	302,397			302,397
Medina				
Mendota Heights	61,140			61,140
Minneapolis	181,087			181,087
Minnetonka	172,463		(172,463)	
Minnetrista	145,293			145,293
Montevideo	13,949			13,949
Monticello				
Moorhead **	3,922,661	358,287		4,280,948
Morris	10,500		(10,500)	
Mound				
Mounds View				
New Brighton				
New Hope				
New Prague	6,287			6,287
New Ulm				
North Branch	38,362			38,362
North Mankato	64,226			64,226
North St. Paul	448,302			448,302
Northfield				
Oak Grove	699,809			699,809
Oakdale				
Orono				
Otsego	518,832			518,832

Municipality	Total Right-of-Way Expenditures for 2017 Allocations	+ New Right-of-Way Expenditures for 2018 Allocation	+ Right-of-Way Expenditures Expired in 2017	= Total Right-of-Way Expenditures for 2018 Allocations
Owatonna	\$119,703			\$119,703
Plymouth *	520,884	1,970,634	(21,510)	2,470,008
Prior Lake	423,049			423,049
Ramsey	207,749			207,749
Red Wing	734,223			734,223
Redwood Falls				
Richfield	9,774,479		(736,240)	9,038,239
Robbinsdale				
Rochester	2,571,811			2,571,811
Rogers				
Rosemount	389,000			389,000
Roseville				
Sartell	973,119			973,119
Sauk Rapids	407,639			407,639
Savage	400,000			400,000
Shakopee				
Shoreview	9,300			9,300
Shorewood	203,488			203,488
South St. Paul				
Spring Lake Park				
St Anthony				
St Cloud **	330,020	1,684,554		2,014,574
St Francis	14,990			14,990
St Joseph				
St Louis Park				
St Michael				
St Paul	16,664,599		(2,039,369)	14,625,230
St Paul Park	65,293			65,293
St Peter	1,019,684			1,019,684
Stewartville				
Stillwater				
Thief River Falls	364,613	74,814		439,427
Vadnais Heights	17,096			17,096
Victoria				
Virginia				
Waconia				
Waite Park	1,054,220			1,054,220
Waseca	213,261			213,261
West St. Paul				
White Bear Lake				
Willmar				
Winona	8,000			8,000
Woodbury	6,488,347		(5,626,200)	862,147
Worthington	491			491
Wyoming				
Zimmerman				
<b>Total</b>	<b>\$93,387,244</b>	<b>\$4,088,289</b>	<b>(-\$9,168,281)</b>	<b>\$88,307,252</b>

\* more than one expenditure, or overpayment, expired in 2017

\*\* more than one new expenditure for 2018

## NEW RIGHT-OF-WAY ADJUSTMENTS FOR 2018 DISTRIBUTION

MUNICIPALITY	PROJECT	AMOUNT
Moorhead	144-128-030	\$24,100
Moorhead	144-138-040	29,450
Moorhead	144-118-060	1,632
Moorhead	144-136-014	56,564
Moorhead	144-136-014	246,541
Plymouth	155-153-003	1,970,634
St. Cloud	162-151-001	1,279,842
St. Cloud	162-151-002	404,712
Thief River Falls	170-115-012	74,814
<b>TOTAL</b>		<b>\$4,088,289</b>

## EXPIRED RIGHT-OF-WAY ADJUSTMENTS, 2017

MUNICIPALITY	PROJECT	AMOUNT
Apple Valley	186-111-002	\$103,229
Bemidji	105-129-001	56,122
Blaine	106-107-003	4,505
Bloomington	107-131-023	47,069
Bloomington	107-132-016	17,816
Bloomington	overpayment	(142,000)
Bloomington	107-385-010	615,096
Bloomington	overpayment	(1,421,121)
Bloomington	107-399-027	2,898,631
Bloomington	107-415-008	44,199
Bloomington	overpayment	(1,237,600)
Bloomington	overpayment	(1,266,628)
Brooklyn Park	110-124-003	928
Brooklyn Park	110-124-004	1,641
Eagan	195-120-002	190,644
Edina	120-136-013	109,707
Faribault	125-137-001	273,000
Forest Lake	214-102-002	8,033
Ham Lake	197-105-003	25,728
Hermantown	202-101-005	2,465
Mankato	overpayment	(12,427)
Maple Grove	189-106-xxx	242,962
Minnetonka	142-153-004	172,463
Morris	190-116-001	10,500
Plymouth	155-158-004	12,910
Plymouth	155-158-005	8,600
Richfield	157-361-023	736,240
St. Paul	164-267-002	2,039,369
Woodbury	170-112-007	5,626,200
<b>TOTAL</b>		<b>\$9,168,281</b>

## AFTER THE FACT RETAINING WALL ADJUSTMENT

(see Screening Board resolution on After the Fact Retaining Wall Adjustment)

Municipality	Retaining Wall Expenditures for 2017 Allocations	New Retaining Wall Expenditures for 2018	Retaining Wall Expended in 2017	Total Retaining Wall Adjustment for 2018 Allocations
Albert Lea	\$67,342	\$0	\$0	\$67,342
Alexandria	25,633	0	0	25,633
Andover	20,197	0	0	20,197
Bloomington	55,013	0	0	55,013
Brainerd	188,352	0	0	188,352
Buffalo	61,252	0	0	61,252
Cambridge	0	28,020	0	28,020
Cloquet	0	81,498	0	81,498
Crystal	42,510	0	0	42,510
Duluth	594,891	0	0	594,891
Fergus Falls	110,360	0	0	110,360
Grand Rapids	207,986	28,890	0	236,876
Inver Grove Heights	179,003	0	0	179,003
Kasson	35,640	0	0	35,640
La Crescent	8,624	0	0	8,624
Lakeville	118,042	0	0	118,042
Marshall	514,325	0	0	514,325
Minnetonka	37,913	0	0	37,913
Moorhead	359,937	0	0	359,937
Mounds View	13,419	0	0	13,419
New Hope	32,400	0	0	32,400
Oakdale	20,658	0	0	20,658
Plymouth	64,144	0	0	64,144
Red Wing	539,025	0	0	539,025
Roseville	34,400	72,981	0	107,381
Sartell	6,000	0	0	6,000
St. Paul	51,542	0	0	51,542
Thief River Falls	296,422	0	0	296,422
<b>Total</b>	<b>\$3,685,030</b>	<b>\$211,389</b>	<b>\$0</b>	<b>\$3,896,419</b>

## NEW PROJECT LISTING OF RETAINING WALL CONSTRUCTION

Payment requested in 2017

Municipality	Project or Route	Local Amount	SA Amount	Total Adjustment
Cambridge	218-120-002	\$28,020		\$28,020
Cloquet	112-145-001		\$81,498	81,498
Grand Rapids	129-119-008		28,890	28,890
Roseville	160-251-003		72,981	72,981
<b>Total</b>		<b>\$28,020</b>	<b>\$183,369</b>	<b>\$211,389</b>

## AFTER THE FACT RAILROAD CROSSING ADJUSTMENT

Any Railroad Crossing improvements shall not be included in the Needs Calculations until the project has been completed and the actual cost established. At that time a Construction Needs adjustment shall be made by annually adding the local cost (which is the total cost less county or trunk highway participation) to the annual Construction Needs for a 15 year period. Only State Aid eligible items are allowed to be included in this adjustment, and all Railroad Crossing Needs adjustments must be input by the city and approved by the District State Aid Engineer.

Municipality	Previous Eligible Railroad Crossing Expenditures	2017 Eligible Railroad Crossing Expenditures	Expired Railroad Crossing Expenditures	Total Railroad Crossing Adjustment for 2018 Apportionment
Buffalo	\$528,566			\$528,566
Cambridge	\$234,357			\$234,357
Fergus Falls	\$299,555			\$299,555
New Ulm	\$18,433			\$18,433
Moorhead		\$258,980		\$258,980
Moorhead		\$366,805		\$366,805
<b>Total</b>	<b>\$1,080,911</b>	<b>\$625,785</b>	<b>NA</b>	<b>\$1,706,696</b>

## AFTER THE FACT RAILROAD BRIDGE OVER MSAS ADJUSTMENT

### RR Bridge over MSAS Route Rehabilitation

Any structure that has been rehabilitated (Minnesota Administrative Rules, CHAPTER 8820, 8820.0200 DEFINITIONS, Subp. 8. Bridge rehabilitation) shall not be included in the Needs calculations until the rehabilitation project has been completed and the actual cost established. At that time a Construction Needs adjustment shall be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15-year period. Only State Aid eligible items are allowed to be included in this adjustment and all structure rehabilitation Needs adjustments must be input by the city and approved by the DSAE.

### RR Bridge over MSAS Route Construction/Reconstruction

Any structure that has been constructed/reconstructed (Minnesota Administrative Rules, CHAPTER 8820, 8820.0200 DEFINITIONS, Subp. 31. Reconstruction) shall not be included in the Needs calculations until the project has been completed and the actual cost established. At that time a Construction Needs adjustment shall be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 35-year period. Only State Aid eligible items are allowed to be included in this adjustment and all structure construction/reconstruction Needs adjustments must be input by the city and approved by the District State Aid Engineer

(One city has this adjustment)

Municipality	Previous Eligible Railroad Bridge over MSAS Expenditures	2017 Eligible Railroad Bridge over MSAS Expenditures	Type of Construction	Expired Railroad Bridge over MSAS Expenditures	Total Railroad Bridge over MSAS Adjustment for 2018 Apportionment
Thief River Falls	\$378,684		Construction/Reconstruction		\$378,684
<b>Total</b>	<b>\$378,684</b>				<b>\$378,684</b>

# 2017 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS

for January 2018 apportionment

Municipality	Restricted (Phase in) Needs for Jan. 2018 Distribution	(+) Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
Albert Lea	\$46,727,783						\$67,342	\$46,795,125
Albertville	13,590,010						0	13,590,010
Alexandria	62,232,760	\$474,194					867,420	63,100,180
Andover	65,120,778	496,200					517,413	65,638,191
Anoka	30,369,788	231,408					231,408	30,601,196
Apple Valley	79,110,319						22,837	79,133,156
Arden Hills	11,730,603	89,384					89,384	11,819,987
Austin	63,678,547						0	63,678,547
Baxter	31,539,595						468,225	32,007,820
Belle Paine	15,824,483	120,578					1,345,400	17,169,883
Berniej	37,168,320		283,211				283,211	37,451,531
Big Lake	17,456,205		133,011				133,011	17,589,216
Blaine	85,949,426						5,232,612	91,182,038
Bloomington	179,276,801	(8,147,330)					(2,919,444)	176,357,357
Brainerd	38,298,195		291,820				1,749,678	40,047,873
Brooklyn Center	33,762,167		257,257				257,257	34,019,424
Brooklyn Park	99,492,258		758,100				802,977	100,295,235
Buffalo	32,191,670	245,290					1,550,985	61,252
Burnsville	100,181,128		763,349					763,349
Byron	9,754,115						0	9,754,115
Cambridge	26,904,480		205,004				28,020	234,357
Champlin	39,011,045						62,348	467,381
Chanhassen	45,901,684							62,348
Chaska	40,136,293							349,756
Chisago City	13,012,316							349,756
Chisholm	13,929,469							305,826
Circle Pines	5,645,263							305,826
Cloquet	37,445,871							99,150
Columbia Heights	22,981,317							13,111,466
Coon Rapids	94,681,739							106,138
Corcoran	20,121,945	(1,621,180)						106,138
Cottage Grove	66,255,184		504,844					14,035,608
Crookston	29,692,963							125,380
Crystal	28,887,107							5,770,643
Dayton	14,005,720							37,812,695
Delano	13,168,633		100,341					13,268,974
Detroit Lakes	43,788,603		333,655					44,173,734
Duluth	273,127,983							276,287,492
Eagan	108,076,993		4,336,182					5,159,695
	823,513							113,236,688

Municipality	Restricted (Phase in) Needs for Jan. 2018 Distribution	(+)	Excess Balance Adjustment redistributed as Low Balance Incentive	(+)	After the Fact Railroad Bridge over MSAS Route	(+)	After the Fact Right of Way Adjustment	(+)	After the Fact Retaining Wall Adjustment	(+)	After the Fact Railroad Crossing Adjustment	(+)	Total Adjustments	Adjusted Restricted Construction Needs
		\$40,924,184	\$311,829	\$278,516	(9,458,385)	445,608	28,566	715,148	2,341,754	6,839	\$10,360	\$299,555	0	\$439,884
East Bethel														420,140
East Grand Forks	36,552,208	141,624												36,972,348
Eden Prairie	107,913,860	445,608												(9,012,777)
Edina	93,855,254	28,566												93,901,083
Elk River	73,670,171	2,341,754												94,598,968
Fairmont	38,102,674													2,341,754
Falcon Heights	5,398,624													76,011,925
Faribault	52,171,332													0
Farmington	29,126,463													38,102,674
Fergus Falls	57,612,941													5,398,624
Forest Lake	60,287,143													
Fridley	39,593,490	301,690												114,986
Glencoe	13,561,695													52,286,318
Golden Valley	48,616,755	(2,146,600)												221,934
Grand Rapids	53,845,003													29,348,398
Ham Lake	45,447,075	346,292												728,464
Hastings	30,303,544													6,839
Hermantown	33,535,750	255,532												60,293,982
Hibbing	82,717,994	630,285												
Hopkins	22,031,057													301,690
Hugo	32,610,648	167,870												39,895,180
Hutchinson	40,015,016	248,483												0
International Falls	11,660,747													13,561,695
Inver Grove Heights	60,295,021													(2,146,600)
Isanti	9,905,099													46,470,155
Jordan	11,452,613	75,474												0
Kasson	10,296,471	87,265												30,303,544
La Crescent	8,892,472													430,191
Lake City	12,380,867	94,338												33,965,941
Lake Elmo	28,635,570													630,285
Lakeville	126,423,219	963,305												83,348,279
Lino Lakes	41,706,244	317,788												2,341,754
Litchfield	15,906,928													1,141,174
Little Canada	19,567,624	149,099												167,870
Little Falls	34,488,061													22,198,927
Mahonen	13,121,265	(1,522,315)												248,483
Mankato	92,025,465	701,205												32,859,131
Maple Grove	117,308,256	893,852												0
Maplewood	69,250,125	527,664												40,015,016
Marshall	35,318,979	269,120												0
Medina	14,653,764													1,085,842
Mendota Heights	25,672,185													36,404,821
Minneapolis	568,805,116	181,087												14,653,764
Minnetonka	96,791,286													25,733,325
Minnetrista	20,694,682													563,986,203
														96,829,199
														20,839,975
														145,293

Municipality	Restricted (Phase in) Needs for Jan. 2018 Distribution	(+)	Excess Balance Adjustment	After the Fact Railroad Bridge over MSAS Route	(+)	After the Fact Right of Way Adjustment	(+)	After the Fact Retaining Wall Adjustment	(+)	After the Fact Railroad Crossing Adjustment	(+)	Total Adjustments	Adjusted Restricted Construction Needs
		\$14,152,765	\$107,840	\$175,603	\$19,299	4,280,948	\$359,937	\$625,785				\$121,789	\$14,274,554
Montevideo	23,045,948											175,603	23,221,551
Monticello	120,647,905											6,185,969	126,833,874
Moorhead	14,818,340											0	14,818,340
Morris	15,461,980											117,815	15,579,796
Mound	17,254,956											144,896	17,399,852
Mounds View	131,477												
New Brighton	24,948,048											190,096	25,138,144
New Hope	25,802,589											229,008	26,031,597
New Prague	11,318,220											92,528	11,410,748
New Ulm	34,164,082											34,182,515	
North Branch	45,075,518											38,362	45,113,880
North Mankato	31,572,981											304,802	31,877,783
North St. Paul	19,616,737											448,302	20,065,039
Northfield	30,738,417											0	30,738,417
Oak Grove	36,345,317											976,749	37,322,066
Oakdale	29,027,393											20,658	29,048,051
Orono	17,414,971											0	17,414,971
Otsego	37,433,757											518,832	37,952,589
Owatonna	67,811,102											119,703	67,930,805
Plymouth	140,601,391											3,605,491	144,206,882
Prior Lake	34,930,729											689,210	35,619,939
Ramsey	55,801,555											207,749	56,009,304
Red Wing	47,492,361											1,635,125	49,127,486
Redwood Falls	15,931,509											121,393	16,052,902
Richfield	53,012,754											9,038,239	62,050,993
Robbinsdale	18,895,108											0	18,895,108
Rochester	271,150,298											4,637,891	275,788,189
Rogers	39,157,930											(1,643,290)	(1,643,290)
Rosemount	48,522,608											389,000	389,000
Roseville	52,186,243											107,381	48,911,608
Sartell	36,136,867											6,000	505,024
Sauk Rapids	31,888,289											407,639	1,254,471
Savage	49,502,903											400,000	49,902,903
Shakopee	71,944,921											548,198	72,493,119
Shoreview	33,844,374											257,883	34,111,557
Shorewood	15,913,983											9,300	267,183
South St. Paul	30,368,536											203,488	203,488
Spring Lake Park	9,071,767											(2,309,548)	(2,309,548)
St. Anthony	12,805,488											69,124	9,140,891
St. Cloud	149,100,630											97,574	12,903,062
St. Francis	24,850,984											1,136,100	2,014,574
St. Joseph	4,650,701											14,990	14,990
St. Louis Park	76,493,541											582,857	77,076,398
St. Michael	46,853,760											0	46,853,760
St. Paul	450,892,775											14,676,772	465,569,547
St. Paul Park	11,351,297											65,293	11,416,590

Municipality	Restricted (Phase in) Needs for Jan. 2018 Distribution	(+) Excess Balance Adjustment		(+) After the Fact Railroad Bridge over MSAS Route		(+) After the Fact Right of Way Adjustment		(+) After the Fact Retaining Wall Adjustment		(+) After the Fact Railroad Crossing Adjustment		Total Adjustments	Adjusted Restricted Construction Needs	
		After the Fact redistributed as Low Balance Incentive	\$210,176	\$1,019,684	\$1,019,684	\$1,019,684	\$1,019,684	\$1,019,684	\$1,019,684	\$1,019,684	\$1,019,684			
St. Peter	\$27,583,321	6,845,140	52,158									\$1,229,860	\$28,813,181	
Stewartville		33,065,936										52,158	6,897,298	
Stillwater		39,490,569	300,906	\$378,684	439,427	\$296,422						0	33,065,936	
Thief River Falls		15,963,859	121,640			17,096							40,906,008	
Vadnais Heights		11,693,953											16,102,595	
Victoria		30,991,783										0	11,693,953	
Virginia		23,593,730											30,991,783	
Waconia		13,053,530	99,464		1,054,220							0	23,593,730	
Waite Park		12,940,494			213,261							1,153,684	14,207,213	
Waseca		25,313,725		192,883								213,261	13,153,755	
West St. Paul		34,711,645	264,492										25,506,607	
White Bear Lake		58,183,047	443,337										264,492	34,976,137
Willmar		47,865,239		8,000								443,337	53,626,384	
Winona		125,065,235	952,958	862,147									8,000	47,873,239
Woodbury		21,083,004	(1,767,593)		491								1,815,105	126,880,340
Worthington		24,933,799											(1,767,102)	19,315,902
Wyoming		8,852,037	67,450										0	24,933,799
Zimmerman													67,450	8,919,487
<b>State Total</b>	<b>\$7,484,708,876</b>	<b>(\$0)</b>	<b>\$378,684</b>	<b>\$88,307,252</b>	<b>\$3,896,419</b>	<b>\$1,706,696</b>	<b>\$94,289,051</b>	<b>\$7,573,997,927</b>						

October 25, 2017

Charlie Zelle, Commissioner  
Mail Stop 100  
395 John Ireland Blvd.  
St. Paul, MN 55155

Dear Commissioner Zelle:

We, the undersigned, as members of the 2017 Municipal Screening Board, having reviewed all information available in relation to the 25 year money needs of the Municipal State Aid Street System do hereby submit our findings as required by Minnesota Statutes.

We recommend that these findings be modified as required by Screening Board Resolutions, and that any new municipalities that become eligible for State Aid by special census, incorporation, annexation or population estimates have their mileage and resulting money needs established and included in our findings.

This Board, therefore, recommends that the money needs, as listed on the attached, be modified as required and used as the basis for apportioning to the urban municipalities the 2018 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

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Marc Culver  
Roseville  
Chair

Glenn Olson  
Marshall  
Vice Chair

John Gorder  
Eagan  
Secretary

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Matt Wegwerth  
Grand Rapids  
District 1

Craig Gray  
Bemidji  
District 2

Justin Femrite  
Elk River  
District 3

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Jeff Kuhn  
Morris  
District 4

Steve Lillehaug  
Shakopee  
Metro West

Jay Owens  
Red Wing  
District 6

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Mark DuChene  
Waseca  
District 7

Sean Christensen  
Willmar  
District 8

Tom Wesolowski  
Shoreview  
Metro East

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Cindy Voigt  
Duluth

Don Elwood  
Minneapolis

Paul Kurtz  
Saint Paul

Richard Freese  
Rochester

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# 2017 ADJUSTED RESTRICTED CONSTRUCTION NEEDS RECOMMENDATIONS

for the 2018 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	\$46,795,125	Edina	\$94,598,968
Albertville	13,590,010	Elk River	76,011,925
Alexandria	63,100,180	Fairmont	38,102,674
Andover	65,638,191	Falcon Heights	5,398,624
Anoka	30,601,196	Faribault	52,286,318
Apple Valley	79,133,156	Farmington	29,348,398
Arden Hills	11,819,987	Fergus Falls	58,341,405
Austin	63,678,547	Forest Lake	60,293,982
Baxter	32,007,820	Fridley	39,895,180
Belle Plaine	17,169,883	Glencoe	13,561,695
Bemidji	37,451,531	Golden Valley	46,470,155
Big Lake	17,589,216	Grand Rapids	56,468,471
Blaine	91,182,038	Ham Lake	46,588,249
Bloomington	176,357,357	Hastings	30,303,544
Brainerd	40,047,873	Hermantown	33,965,941
Brooklyn Center	34,019,424	Hibbing	83,348,279
Brooklyn Park	100,295,235	Hopkins	22,198,927
Buffalo	34,577,763	Hugo	32,859,131
Burnsville	100,944,477	Hutchinson	40,015,016
Byron	9,754,115	International Falls	11,660,747
Cambridge	27,371,860	Inver Grove Heights	61,250,216
Champlin	39,073,393	Isanti	9,980,573
Chanhassen	46,251,440	Jordan	11,539,879
Chaska	40,442,119	Kasson	10,332,111
Chisago City	13,111,466	La Crescent	9,026,096
Chisholm	14,035,608	Lake City	12,482,205
Circle Pines	5,770,643	Lake Elmo	28,635,570
Cloquet	37,812,695	Lakeville	128,520,370
Columbia Heights	23,156,427	Lino Lakes	42,384,581
Coon Rapids	97,872,848	Litchfield	15,906,928
Corcoran	18,500,765	Little Canada	19,716,723
Cottage Grove	67,252,478	Little Falls	35,821,925
Crookston	29,692,963	Mahtomedi	11,598,950
Crystal	29,149,728	Mankato	93,087,025
Dayton	14,005,720	Maple Grove	120,012,112
Delano	13,268,974	Maplewood	75,057,337
Detroit Lakes	44,173,734	Marshall	36,404,821
Duluth	276,287,492	Medina	14,653,764
Eagan	113,236,688	Mendota Heights	25,733,325
East Bethel	41,364,069	Minneapolis	568,986,203
East Grand Forks	36,972,348	Minnetonka	96,829,199
Eden Prairie	98,901,083	Minnetrista	20,839,975

<b>Municipality</b>	<b>Adjusted Restricted Construction Needs</b>	<b>Municipality</b>	<b>Adjusted Restricted Construction Needs</b>
Montevideo	\$14,274,554	Savage	\$49,902,903
Monticello	23,221,551	Shakopee	72,493,119
Moorhead	126,833,874	Shoreview	34,111,557
Morris	14,818,340	Shorewood	16,117,471
Mound	15,579,796	South St. Paul	28,058,988
Mounds View	17,399,852	Spring Lake Park	9,140,891
New Brighton	25,138,144	St. Anthony	12,903,062
New Hope	26,031,597	St. Cloud	152,251,304
New Prague	11,410,748	St. Francis	24,865,974
New Ulm	34,182,515	St. Joseph	4,650,701
North Branch	45,113,880	St. Louis Park	77,076,398
North Mankato	31,877,783	St. Michael	46,853,760
North St. Paul	20,065,039	St. Paul	465,569,547
Northfield	30,738,417	St. Paul Park	11,416,590
Oak Grove	37,322,066	St. Peter	28,813,181
Oakdale	29,048,051	Stewartville	6,897,298
Orono	17,414,971	Stillwater	33,065,936
Otsego	37,952,589	Thief River Falls	40,906,008
Owatonna	67,930,805	Vadnais Heights	16,102,595
Plymouth	144,206,882	Victoria	11,693,953
Prior Lake	35,619,939	Virginia	30,991,783
Ramsey	56,009,304	Waconia	23,593,730
Red Wing	49,127,486	Waite Park	14,207,213
Redwood Falls	16,052,902	Waseca	13,153,755
Richfield	62,050,993	West St. Paul	25,506,607
Robbinsdale	18,895,108	White Bear Lake	34,976,137
Rochester	275,788,189	Willmar	58,626,384
Rogers	37,514,640	Winona	47,873,239
Rosemount	48,911,608	Woodbury	126,880,340
Roseville	52,691,267	Worthington	19,315,902
Sartell	37,391,338	Wyoming	24,933,799
Sauk Rapids	32,538,907	Zimmerman	8,919,487
<b>State Total</b>		<b>\$7,578,997,927</b>	

## **TENTATIVE 2018 CONSTRUCTION NEEDS ALLOCATIONS**

Needs Value: \$1,000 in Construction Needs = approximately **\$11.43** in apportionment

The following table shows each municipality's tentative Money Needs Allocation based on a projected apportionment amount (\$86,609,182). The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January, 2018. This summary provides data and shows the impact of the Restriction and Adjustments to each municipality for the Board's use in establishing the 2018 Money Needs Apportionment Determination.

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Maintenance Allowance	2018 Construction Needs Allocations	% Of Total Dist.
Albert Lea	\$46,795,125	\$534,752		<b>\$534,752</b>	0.617
Albertville	13,590,010	155,300		<b>155,300</b>	0.179
Alexandria	63,100,180	721,079		<b>721,079</b>	0.833
Andover	65,638,191	750,082		<b>750,082</b>	0.866
Anoka	30,601,196	349,696		<b>349,696</b>	0.404
Apple Valley	79,133,156	904,296		<b>904,296</b>	1.044
Arden Hills	11,819,987	135,073		<b>135,073</b>	0.156
Austin	63,678,547	727,688		<b>727,688</b>	0.840
Baxter	32,007,820	365,770		<b>365,770</b>	0.422
Belle Plaine	17,169,883	196,209		<b>196,209</b>	0.227
Bemidji	37,451,531	427,978		<b>427,978</b>	0.494
Big Lake	17,589,216	201,001		<b>201,001</b>	0.232
Blaine	91,182,038	1,041,985		<b>1,041,985</b>	1.203
Bloomington	176,357,357	2,015,328		<b>2,015,328</b>	2.327
Brainerd	40,047,873	457,648		<b>457,648</b>	0.528
Brooklyn Center	34,019,424	388,758		<b>388,758</b>	0.449
Brooklyn Park	100,295,235	1,146,126		<b>1,146,126</b>	1.323
Buffalo	34,577,763	395,138		<b>395,138</b>	0.456
Burnsville	100,944,477	1,153,545		<b>1,153,545</b>	1.332
Byron	9,754,115	111,465		<b>111,465</b>	0.129
Cambridge	27,371,860	312,793		<b>312,793</b>	0.361
Champlin	39,073,393	446,512		<b>446,512</b>	0.516
Chanhassen	46,251,440	528,539		<b>528,539</b>	0.610
Chaska	40,442,119	462,153		<b>462,153</b>	0.534
Chisago City	13,111,466	149,832		<b>149,832</b>	0.173
Chisholm	14,035,608	160,392		<b>160,392</b>	0.185
Circle Pines	5,770,643	65,944		<b>65,944</b>	0.076
Cloquet	37,812,695	432,105		<b>432,105</b>	0.499
Columbia Heights	23,156,427	264,621		<b>264,621</b>	0.306
Coon Rapids	97,872,848	1,118,444		<b>1,118,444</b>	1.291
Corcoran	18,500,765	211,418		<b>211,418</b>	0.244
Cottage Grove	67,252,478	768,529		<b>768,529</b>	0.887
Crookston	29,692,963	339,317		<b>339,317</b>	0.392
Crystal	29,149,728	333,109		<b>333,109</b>	0.385
Dayton	14,005,720	160,051		<b>160,051</b>	0.185
Delano	13,268,974	151,632		<b>151,632</b>	0.175
Detroit Lakes	44,173,734	504,796		<b>504,796</b>	0.583
Duluth	276,287,492	3,157,282		<b>3,157,282</b>	3.645
Eagan	113,236,688	1,294,015		<b>1,294,015</b>	1.494
East Bethel	41,364,069	472,689		<b>472,689</b>	0.546
East Grand Forks	36,972,348	422,502		<b>422,502</b>	0.488
Eden Prairie	98,901,083	1,130,195		<b>1,130,195</b>	1.305
Edina	94,598,968	1,081,032		<b>1,081,032</b>	1.248
Elk River	76,011,925	868,628		<b>868,628</b>	1.003
Fairmont	38,102,674	435,419		<b>435,419</b>	0.503
Falcon Heights	5,398,624	61,693		<b>61,693</b>	0.071
Faribault	52,286,318	597,503		<b>597,503</b>	0.690
Farmington	29,348,398	335,380		<b>335,380</b>	0.387

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main- tenance Allowance	2018 Construction Needs Allocations	% Of Total Dist.
Fergus Falls	\$58,341,405	\$666,698		<b>\$666,698</b>	0.770
Forest Lake	60,293,982	689,011		<b>689,011</b>	0.796
Fridley	39,895,180	455,903		<b>455,903</b>	0.526
Glencoe	13,561,695	154,977		<b>154,977</b>	0.179
Golden Valley	46,470,155	531,039		<b>531,039</b>	0.613
Grand Rapids	56,468,471	645,295		<b>645,295</b>	0.745
Ham Lake	46,588,249	532,388		<b>532,388</b>	0.615
Hastings	30,303,544	346,294		<b>346,294</b>	0.400
Hermantown	33,965,941	388,147		<b>388,147</b>	0.448
Hibbing	83,348,279	952,464		<b>952,464</b>	1.100
Hopkins	22,198,927	253,679		<b>253,679</b>	0.293
Hugo	32,859,131	375,499		<b>375,499</b>	0.434
Hutchinson	40,015,016	457,273		<b>457,273</b>	0.528
International Falls	11,660,747	133,253		<b>133,253</b>	0.154
Inver Grove Heights	61,250,216	699,938		<b>699,938</b>	0.808
Isanti	9,980,573	114,053		<b>114,053</b>	0.132
Jordan	11,539,879	131,872		<b>131,872</b>	0.152
Kasson	10,332,111	118,070		<b>118,070</b>	0.136
La Crescent	9,026,096	103,146		<b>103,146</b>	0.119
Lake City	12,482,205	142,641		<b>142,641</b>	0.165
Lake Elmo	28,635,570	327,234		<b>327,234</b>	0.378
Lakeville	128,520,370	1,468,670		<b>1,468,670</b>	1.696
Lino Lakes	42,384,581	484,351		<b>484,351</b>	0.559
Litchfield	15,906,928	181,777		<b>181,777</b>	0.210
Little Canada	19,716,723	225,313		<b>225,313</b>	0.260
Little Falls	35,821,925	409,356		<b>409,356</b>	0.473
Mahtomedi	11,598,950	132,547		<b>132,547</b>	0.153
Mankato	93,087,025	1,063,754		<b>1,063,754</b>	1.228
Maple Grove	120,012,112	1,371,441		<b>1,371,441</b>	1.583
Maplewood	75,057,337	857,720		<b>857,720</b>	0.990
Marshall	36,404,821	416,017		<b>416,017</b>	0.480
Medina	14,653,764	167,456		<b>167,456</b>	0.193
Mendota Heights	25,733,325	294,068		<b>294,068</b>	0.340
Minneapolis	568,986,203	6,502,104		<b>6,502,104</b>	7.507
Minnetonka	96,829,199	1,106,518		<b>1,106,518</b>	1.278
Minnetrista	20,839,975	238,149		<b>238,149</b>	0.275
Montevideo	14,274,554	163,123		<b>163,123</b>	0.188
Monticello	23,221,551	265,365		<b>265,365</b>	0.306
Moorhead	126,833,874	1,449,397		<b>1,449,397</b>	1.673
Morris	14,818,340	169,337		<b>169,337</b>	0.196
Mound	15,579,796	178,038		<b>178,038</b>	0.206
Mounds View	17,399,852	198,837		<b>198,837</b>	0.230
New Brighton	25,138,144	287,267		<b>287,267</b>	0.332
New Hope	26,031,597	297,477		<b>297,477</b>	0.343
New Prague	11,410,748	130,397		<b>130,397</b>	0.151
New Ulm	34,182,515	390,622		<b>390,622</b>	0.451
North Branch	45,113,880	515,540		<b>515,540</b>	0.595
North Mankato	31,877,783	364,284		<b>364,284</b>	0.421
North St. Paul	20,065,039	229,294		<b>229,294</b>	0.265
Northfield	30,738,417	351,264		<b>351,264</b>	0.406
Oak Grove	37,322,066	426,499		<b>426,499</b>	0.492
Oakdale	29,048,051	331,947		<b>331,947</b>	0.383
Orono	17,414,971	199,010		<b>199,010</b>	0.230
Otsego	37,952,589	433,704		<b>433,704</b>	0.501
Owatonna	67,930,805	776,281		<b>776,281</b>	0.896
Plymouth	144,206,882	1,647,928		<b>1,647,928</b>	1.903
Prior Lake	35,619,939	407,048		<b>407,048</b>	0.470
Ramsey	56,009,304	640,048		<b>640,048</b>	0.739

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Maintenance Allowance	2018 Construction Needs Allocations	% Of Total Dist.
Red Wing	\$49,127,486	\$561,406		<b>\$561,406</b>	0.648
Redwood Falls	16,052,902	183,445		<b>183,445</b>	0.212
Richfield	62,050,993	709,089		<b>709,089</b>	0.819
Robbinsdale	18,895,108	215,924		<b>215,924</b>	0.249
Rochester	275,788,189	3,151,576		<b>3,151,576</b>	3.639
Rogers	37,514,640	428,699		<b>428,699</b>	0.495
Rosemount	48,911,608	558,939		<b>558,939</b>	0.645
Roseville	52,691,267	602,131		<b>602,131</b>	0.695
Sartell	37,391,338	427,290		<b>427,290</b>	0.493
Sauk Rapids	32,538,907	371,839		<b>371,839</b>	0.429
Savage	49,902,903	570,267		<b>570,267</b>	0.658
Shakopee	72,493,119	828,417		<b>828,417</b>	0.957
Shoreview	34,111,557	389,811		<b>389,811</b>	0.450
Shorewood	16,117,471	184,183		<b>184,183</b>	0.213
South St. Paul	28,058,988	320,645		<b>320,645</b>	0.370
Spring Lake Park	9,140,891	104,458		<b>104,458</b>	0.121
St. Anthony	12,903,062	147,450		<b>147,450</b>	0.170
St. Cloud	152,251,304	1,739,855		<b>1,739,855</b>	2.009
St. Francis	24,865,974	284,157		<b>284,157</b>	0.328
St. Joseph	4,650,701	53,146		<b>53,146</b>	0.061
St. Louis Park	77,076,398	880,792		<b>880,792</b>	1.017
St. Michael	46,853,760	535,422		<b>535,422</b>	0.618
St. Paul	465,569,547	5,320,307		<b>5,320,307</b>	6.143
St. Paul Park	11,416,590	130,463		<b>130,463</b>	0.151
St. Peter	28,813,181	329,263		<b>329,263</b>	0.380
Stewartville	6,897,298	78,819		<b>78,819</b>	0.091
Stillwater	33,065,936	377,862		<b>377,862</b>	0.436
Thief River Falls	40,906,008	467,454		<b>467,454</b>	0.540
Vadnais Heights	16,102,595	184,013		<b>184,013</b>	0.212
Victoria	11,693,953	133,633		<b>133,633</b>	0.154
Virginia	30,991,783	354,159		<b>354,159</b>	0.409
Waconia	23,593,730	269,618		<b>269,618</b>	0.311
Waite Park	14,207,213	162,353		<b>162,353</b>	0.187
Waseca	13,153,755	150,315		<b>150,315</b>	0.174
West St. Paul	25,506,607	291,477		<b>291,477</b>	0.337
White Bear Lake	34,976,137	399,691		<b>399,691</b>	0.461
Willmar	58,626,384	669,954		<b>669,954</b>	0.774
Winona	47,873,239	547,073		<b>547,073</b>	0.632
Woodbury	126,880,340	1,449,928		<b>1,449,928</b>	1.674
Worthington	19,315,902	220,733		<b>220,733</b>	0.255
Wyoming	24,933,799	284,933		<b>284,933</b>	0.329
Zimmerman	8,919,487	101,929		<b>101,929</b>	0.118
<b>State Total</b>	<b>\$7,578,997,927</b>	<b>\$86,609,182</b>	<b>\$0</b>	<b>\$86,609,182</b>	<b>100.0000</b>

Total Money Needs Apportionment = \$86,609,182

Total Construction Needs = \$7,578,997,927

Prorate based on \$86,609,182 / \$7,578,997,927 = 0.011427524

**Construction Needs Allocation** = 0.011427524 x Adjusted Restricted Construction Needs + THTB Maintenance Allowance

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were \$7,403,345,739

## COMPARISON OF 2017 to 2018 CONSTRUCTION NEEDS ALLOCATIONS

Municipality	2017 Construction Needs Allocations	2018 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Albert Lea	\$540,929	\$534,752	(\$6,177)	(1.1)
Albertville	156,044	155,300	(744)	(0.5)
Alexandria	702,990	721,079	18,089	2.6
Andover	781,372	750,082	(31,290)	(4.0)
Anoka	357,106	349,696	(7,410)	(2.1)
Apple Valley	889,116	904,296	15,180	1.7
Arden Hills	132,055	135,073	3,018	2.3
Austin	744,012	727,688	(16,324)	(2.2)
Baxter	359,298	365,770	6,472	1.8
Belle Plaine	187,599	196,209	8,610	4.6
Bemidji	396,153	427,978	31,825	8.0
Big Lake	191,386	201,001	9,615	5.0
Blaine	957,017	1,041,985	84,968	8.9
Bloomington	2,098,745	2,015,328	(83,417)	(4.0)
Brainerd	466,155	457,648	(8,507)	(1.8)
Brooklyn Center	351,863	388,758	36,895	10.5
Brooklyn Park	1,037,446	1,146,126	108,680	10.5
Buffalo	412,267	395,138	(17,129)	(4.2)
Burnsville	1,180,712	1,153,545	(27,167)	(2.3)
Byron	101,621	111,465	9,844	9.7
Cambridge	283,135	312,793	29,658	10.5
Champlin	440,451	446,512	6,061	1.4
Chanhassen	481,156	528,539	47,383	9.8
Chaska	459,849	462,153	2,304	0.5
Chisago City	139,282	149,832	10,550	7.6
Chisholm	167,553	160,392	(7,161)	(4.3)
Circle Pines	64,290	65,944	1,654	2.6
Cloquet	416,634	432,105	15,471	3.7
Columbia Heights	276,434	264,621	(11,813)	(4.3)
Coon Rapids	1,115,212	1,118,444	3,232	0.3
Corcoran	241,957	211,418	(30,539)	(12.6)
Cottage Grove	751,023	768,529	17,506	2.3
Crookston	357,166	339,317	(17,849)	(5.0)
Crystal	316,327	333,109	16,782	5.3
Dayton	145,915	160,051	14,136	9.7
Delano	158,401	151,632	(6,769)	(4.3)
Detroit Lakes	460,186	504,796	44,610	9.7
Duluth	3,322,321	3,157,282	(165,039)	(5.0)
Eagan	1,352,977	1,294,015	(58,962)	(4.4)
East Bethel	493,592	472,689	(20,903)	(4.2)
East Grand Forks	441,330	422,502	(18,828)	(4.3)
Eden Prairie	1,229,279	1,130,195	(99,084)	(8.1)
Edina	1,046,477	1,081,032	34,555	3.3
Elk River	863,903	868,628	4,725	0.5
Fairmont	433,628	435,419	1,791	0.4
Falcon Heights	60,620	61,693	1,073	1.8
Faribault	619,759	597,503	(22,256)	(3.6)
Farmington	350,352	335,380	(14,972)	(4.3)

Municipality	2017 Construction Needs Allocations	2018 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Fergus Falls	\$682,876	\$666,698	(\$16,178)	(2.4)
Forest Lake	725,346	689,011	(36,335)	(5.0)
Fridley	454,432	455,903	1,471	0.3
Glencoe	158,545	154,977	(3,568)	(2.3)
Golden Valley	551,218	531,039	(20,179)	(3.7)
Grand Rapids	678,035	645,295	(32,740)	(4.8)
Ham Lake	520,384	532,388	12,004	2.3
Hastings	315,818	346,294	30,476	9.6
Hermantown	401,253	388,147	(13,106)	(3.3)
Hibbing	928,700	952,464	23,764	2.6
Hopkins	249,633	253,679	4,046	1.6
Hugo	366,023	375,499	9,476	2.6
Hutchinson	416,886	457,273	40,387	9.7
International Falls	131,660	133,253	1,593	1.2
Inver Grove Heights	736,193	699,938	(36,255)	(4.9)
Isanti	112,062	114,053	1,991	1.8
Jordan	137,759	131,872	(5,887)	(4.3)
Kasson	118,331	118,070	(261)	(0.2)
La Crescent	108,524	103,146	(5,378)	(5.0)
Lake City	139,021	142,641	3,620	2.6
Lake Elmo	298,333	327,234	28,901	9.7
Lakeville	1,360,610	1,468,670	108,060	7.9
Lino Lakes	505,887	484,351	(21,536)	(4.3)
Litchfield	191,273	181,777	(9,496)	(5.0)
Little Canada	219,907	225,313	5,406	2.5
Little Falls	402,709	409,356	6,647	1.7
Mahtomedi	136,701	132,547	(4,154)	(3.0)
Mankato	1,045,512	1,063,754	18,242	1.7
Maple Grove	1,369,636	1,371,441	1,805	0.1
Maplewood	869,895	857,720	(12,175)	(1.4)
Marshall	413,590	416,017	2,427	0.6
Medina	152,719	167,456	14,737	9.6
Mendota Heights	298,216	294,068	(4,148)	(1.4)
Minneapolis	6,731,861	6,502,104	(229,757)	(3.4)
Minnetonka	1,111,810	1,106,518	(5,292)	(0.5)
Minnetrista	231,629	238,149	6,520	2.8
Montevideo	158,737	163,123	4,386	2.8
Monticello	242,277	265,365	23,088	9.5
Moorhead	1,489,749	1,449,397	(40,352)	(2.7)
Morris	166,319	169,337	3,018	1.8
Mound	185,987	178,038	(7,949)	(4.3)
Mounds View	193,729	198,837	5,108	2.6
New Brighton	300,091	287,267	(12,824)	(4.3)
New Hope	289,911	297,477	7,566	2.6
New Prague	125,124	130,397	5,273	4.2
New Ulm	411,163	390,622	(20,541)	(5.0)
North Branch	542,460	515,540	(26,920)	(5.0)
North Mankato	355,049	364,284	9,235	2.6
North Saint Paul	241,126	229,294	(11,832)	(4.9)
Northfield	354,434	351,264	(3,170)	(0.9)
Oak Grove	443,657	426,499	(17,158)	(3.9)
Oakdale	302,656	331,947	29,291	9.7
Orono	185,461	199,010	13,549	7.3

Municipality	2017 Construction Needs Allocations	2018 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Otsego	\$440,130	\$433,704	(\$6,426)	(1.5)
Owatonna	773,502	776,281	2,779	0.4
Plymouth	1,529,036	1,647,928	118,892	7.8
Prior Lake	397,438	407,048	9,610	2.4
Ramsey	632,236	640,048	7,812	1.2
Red Wing	557,154	561,406	4,252	0.8
Redwood Falls	182,467	183,445	978	0.5
Richfield	709,454	709,089	(365)	(0.1)
Robbinsdale	215,556	215,924	368	0.2
Rochester	2,964,493	3,151,576	187,083	6.3
Rogers	439,059	428,699	(10,360)	(2.4)
Rosemount	586,248	558,939	(27,309)	(4.7)
Roseville	575,131	602,131	27,000	4.7
Sartell	418,512	427,290	8,778	2.1
Sauk Rapids	358,116	371,839	13,723	3.8
Savage	530,237	570,267	40,030	7.5
Shakopee	749,797	828,417	78,620	10.5
Shoreview	379,764	389,811	10,047	2.6
Shorewood	180,760	184,183	3,423	1.9
South Saint Paul	342,173	320,645	(21,528)	(6.3)
Spring Lake Park	94,544	104,458	9,914	10.5
Saint Anthony	147,460	147,450	(10)	(0.0)
Saint Cloud	1,679,545	1,739,855	60,310	3.6
Saint Francis	298,996	284,157	(14,839)	(5.0)
Saint Joseph	48,469	53,146	4,677	9.6
Saint Louis Park	864,379	880,792	16,413	1.9
Saint Michael	563,587	535,422	(28,165)	(5.0)
Saint Paul	5,608,359	5,320,307	(288,052)	(5.1)
Saint Paul Park	125,815	130,463	4,648	3.7
Saint Peter	343,719	329,263	(14,456)	(4.2)
Stewartville	76,824	78,819	1,995	2.6
Stillwater	371,371	377,862	6,491	1.7
Thief River Falls	487,181	467,454	(19,727)	(4.0)
Vadnais Heights	173,615	184,013	10,398	6.0
Victoria	121,872	133,633	11,761	9.7
Virginia	339,489	354,159	14,670	4.3
Waconia	245,890	269,618	23,728	9.6
Waite Park	148,375	162,353	13,978	9.4
Waseca	151,893	150,315	(1,578)	(1.0)
West St. Paul	263,815	291,477	27,662	10.5
White Bear Lake	361,759	399,691	37,932	10.5
Willmar	682,355	669,954	(12,401)	(1.8)
Winona	541,656	547,073	5,417	1.0
Woodbury	1,488,179	1,449,928	(38,251)	(2.6)
Worthington	238,457	220,733	(17,724)	(7.4)
Wyoming	279,824	284,933	5,109	1.8
Zimmerman	106,479	101,929	(4,550)	(4.3)
<b>TOTAL</b>	<b>\$86,609,182</b>	<b>\$86,609,182</b>	<b>\$0</b>	<b>0.000</b>

**86 Cities Increased Their Construction Needs Allocation**

**62 Cities Decreased Their Construction Needs Allocation**

## TENTATIVE 2018 MSAS TOTAL ALLOCATIONS

The tentative allocations are for informational purposes only. The actual revenue will be announced  
in January 2018 when the Commissioner of Transportation determines the annual allotments.

<b>Municipality</b>	<b>2018 Population Allocations</b>	<b>2018 Construction Needs Allocations</b>	<b>2018 Total Allocations</b>	<b>Distribution Percentage</b>
Albert Lea	\$398,940	\$534,752	<b>\$933,692</b>	0.5390
Albertville	162,936	155,300	<b>318,236</b>	0.1837
Alexandria	300,117	721,079	<b>1,021,196</b>	0.5895
Andover	714,864	750,082	<b>1,464,946</b>	0.8457
Anoka	397,835	349,696	<b>747,531</b>	0.4316
Apple Valley	1,134,984	904,296	<b>2,039,280</b>	1.1773
Arden Hills	220,329	135,073	<b>355,402</b>	0.2052
Austin	555,001	727,688	<b>1,282,689</b>	0.7405
Baxter	183,895	365,770	<b>549,665</b>	0.3173
Belle Plaine	152,568	196,209	<b>348,777</b>	0.2014
Bemidji	334,252	427,978	<b>762,230</b>	0.4400
Big Lake	241,376	201,001	<b>442,377</b>	0.2554
Blaine	1,419,072	1,041,985	<b>2,461,057</b>	1.4208
Bloomington	1,952,120	2,015,328	<b>3,967,448</b>	2.2904
Brainerd	302,416	457,648	<b>760,064</b>	0.4388
Brooklyn Center	690,457	388,758	<b>1,079,215</b>	0.6230
Brooklyn Park	1,778,594	1,146,126	<b>2,924,720</b>	1.6885
Buffalo	356,360	395,138	<b>751,498</b>	0.4338
Burnsville	1,367,362	1,153,545	<b>2,520,907</b>	1.4553
Byron	121,550	111,465	<b>233,015</b>	0.1345
Cambridge	193,423	312,793	<b>506,216</b>	0.2922
Champlin	516,069	446,512	<b>962,581</b>	0.5557
Chanhassen	562,606	528,539	<b>1,091,145</b>	0.6299
Chaska	584,515	462,153	<b>1,046,668</b>	0.6042
Chisago City	116,554	149,832	<b>266,386</b>	0.1538
Chisholm	110,540	160,392	<b>270,932</b>	0.1564
Circle Pines	110,540	65,944	<b>176,484</b>	0.1019
Cloquet	271,951	432,105	<b>704,056</b>	0.4065
Columbia Heights	445,654	264,621	<b>710,275</b>	0.4100
Coon Rapids	1,386,750	1,118,444	<b>2,505,194</b>	1.4463
Corcoran	121,550	211,418	<b>332,968</b>	0.1922
Cottage Grove	794,542	768,529	<b>1,563,071</b>	0.9024
Crookston	175,649	339,317	<b>514,966</b>	0.2973
Crystal	505,280	333,109	<b>838,389</b>	0.4840
Dayton	114,232	160,051	<b>274,283</b>	0.1583
Delano	131,477	151,632	<b>283,109</b>	0.1634
Detroit Lakes	207,374	504,796	<b>712,170</b>	0.4111
Duluth	1,920,284	3,157,282	<b>5,077,566</b>	2.9313
Eagan	1,508,278	1,294,015	<b>2,802,293</b>	1.6178
East Bethel	260,610	472,689	<b>733,299</b>	0.4233
East Grand Forks	195,502	422,502	<b>618,004</b>	0.3568
Eden Prairie	1,396,412	1,130,195	<b>2,526,607</b>	1.4586
Edina	1,145,286	1,081,032	<b>2,226,318</b>	1.2853
Elk River	538,729	868,628	<b>1,407,357</b>	0.8125
Fairmont	235,805	435,419	<b>671,224</b>	0.3875

Municipality	2018 Population Allocations	2018 Construction Needs Allocations	2018 Total Allocations	Distribution Percentage
Falcon Heights	\$119,781	\$61,693	<b>\$181,474</b>	0.1048
Faribault	524,359	597,503	<b>1,121,862</b>	0.6477
Farmington	493,960	335,380	<b>829,340</b>	0.4788
Fergus Falls	301,819	666,698	<b>968,517</b>	0.5591
Forest Lake	449,766	689,011	<b>1,138,777</b>	0.6574
Fridley	632,976	455,903	<b>1,088,879</b>	0.6286
Glencoe	124,491	154,977	<b>279,468</b>	0.1613
Golden Valley	476,561	531,039	<b>1,007,600</b>	0.5817
Grand Rapids	252,806	645,295	<b>898,101</b>	0.5185
Ham Lake	351,319	532,388	<b>883,707</b>	0.5102
Hastings	495,221	346,294	<b>841,515</b>	0.4858
Hermantown	210,181	388,147	<b>598,328</b>	0.3454
Hibbing	361,710	952,464	<b>1,314,174</b>	0.7587
Hopkins	420,053	253,679	<b>673,732</b>	0.3889
Hugo	322,888	375,499	<b>698,387</b>	0.4032
Hutchinson	313,492	457,273	<b>770,765</b>	0.4450
International Falls	142,022	133,253	<b>275,275</b>	0.1589
Inver Grove Heights	773,760	699,938	<b>1,473,698</b>	0.8508
Isanti	124,115	114,053	<b>238,168</b>	0.1375
Jordan	137,357	131,872	<b>269,229</b>	0.1554
Kasson	139,237	118,070	<b>257,307</b>	0.1485
La Crescent	114,387	103,146	<b>217,533</b>	0.1256
Lake City	113,392	142,641	<b>256,033</b>	0.1478
Lake Elmo	193,401	327,234	<b>520,635</b>	0.3006
Lakeville	1,347,818	1,468,670	<b>2,816,488</b>	1.6260
Lino Lakes	459,914	484,351	<b>944,265</b>	0.5451
Litchfield	148,920	181,777	<b>330,697</b>	0.1909
Little Canada	223,314	225,313	<b>448,627</b>	0.2590
Little Falls	196,541	409,356	<b>605,897</b>	0.3498
Mahtomedi	177,528	132,547	<b>310,075</b>	0.1790
Mankato	946,291	1,063,754	<b>2,010,045</b>	1.1604
Maple Grove	1,467,998	1,371,441	<b>2,839,439</b>	1.6392
Maplewood	889,695	857,720	<b>1,747,415</b>	1.0088
Marshall	305,069	416,017	<b>721,086</b>	0.4163
Medina	135,545	167,456	<b>303,001</b>	0.1749
Mendota Heights	249,445	294,068	<b>543,513</b>	0.3138
Minneapolis	9,284,326	6,502,104	<b>15,786,430</b>	9.1136
Minnetonka	1,166,001	1,106,518	<b>2,272,519</b>	1.3119
Minnetrista	160,018	238,149	<b>398,167</b>	0.2299
Montevideo	119,008	163,123	<b>282,131</b>	0.1629
Monticello	296,447	265,365	<b>561,812</b>	0.3243
Moorhead	941,383	1,449,397	<b>2,390,780</b>	1.3802
Morris	120,312	169,337	<b>289,649</b>	0.1672
Mound	207,175	178,038	<b>385,213</b>	0.2224
Mounds View	290,964	198,837	<b>489,801</b>	0.2828
New Brighton	500,040	287,267	<b>787,307</b>	0.4545
New Hope	477,534	297,477	<b>775,011</b>	0.4474
New Prague	167,690	130,397	<b>298,087</b>	0.1721
New Ulm	299,321	390,622	<b>689,943</b>	0.3983
North Branch	231,449	515,540	<b>746,989</b>	0.4312
North Mankato	305,379	364,284	<b>669,663</b>	0.3866
North St. Paul	266,822	229,294	<b>496,116</b>	0.2864

Municipality	2018 Population Allocations	2018 Construction Needs Allocations	2018 Total Allocations	Distribution Percentage
Northfield	\$450,010	\$351,264	<b>\$801,274</b>	0.4626
Oak Grove	184,823	426,499	<b>611,322</b>	0.3529
Oakdale	617,633	331,947	<b>949,580</b>	0.5482
Orono	170,033	199,010	<b>369,043</b>	0.2131
Otsego	354,149	433,704	<b>787,853</b>	0.4548
Owatonna	571,759	776,281	<b>1,348,040</b>	0.7782
Plymouth	1,668,098	1,647,928	<b>3,316,026</b>	1.9144
Prior Lake	564,198	407,048	<b>971,246</b>	0.5607
Ramsey	580,359	640,048	<b>1,220,407</b>	0.7045
Red Wing	365,778	561,406	<b>927,184</b>	0.5353
Redwood Falls	116,200	183,445	<b>299,645</b>	0.1730
Richfield	803,363	709,089	<b>1,512,452</b>	0.8731
Robbinsdale	325,077	215,924	<b>541,001</b>	0.3123
Rochester	2,505,529	3,151,576	<b>5,657,105</b>	3.2659
Rogers	277,213	428,699	<b>705,912</b>	0.4075
Rosemount	520,844	558,939	<b>1,079,783</b>	0.6234
Roseville	792,265	602,131	<b>1,394,396</b>	0.8050
Sartell	388,704	427,290	<b>815,994</b>	0.4711
Sauk Rapids	301,355	371,839	<b>673,194</b>	0.3886
Savage	669,543	570,267	<b>1,239,810</b>	0.7157
Shakopee	898,538	828,417	<b>1,726,955</b>	0.9970
Shoreview	582,901	389,811	<b>972,712</b>	0.5616
Shorewood	165,722	184,183	<b>349,905</b>	0.2020
South St. Paul	451,159	320,645	<b>771,804</b>	0.4456
Spring Lake Park	141,757	104,458	<b>246,215</b>	0.1421
St. Anthony	204,146	147,450	<b>351,596</b>	0.2030
St. Cloud	1,488,845	1,739,855	<b>3,228,700</b>	1.8639
St. Francis	163,600	284,157	<b>447,757</b>	0.2585
St. Joseph	148,986	53,146	<b>202,132</b>	0.1167
St. Louis Park	1,081,681	880,792	<b>1,962,473</b>	1.1329
St. Michael	379,684	535,422	<b>915,106</b>	0.5283
St. Paul	6,730,623	5,320,307	<b>12,050,930</b>	6.9571
St. Paul Park	122,014	130,463	<b>252,477</b>	0.1458
St. Peter	261,030	329,263	<b>590,293</b>	0.3408
Stewartville	138,595	78,819	<b>217,414</b>	0.1255
Stillwater	435,374	377,862	<b>813,236</b>	0.4695
Thief River Falls	195,546	467,454	<b>663,000</b>	0.3828
Vadnais Heights	285,415	184,013	<b>469,428</b>	0.2710
Victoria	197,204	133,633	<b>330,837</b>	0.1910
Virginia	192,605	354,159	<b>546,764</b>	0.3157
Waconia	268,967	269,618	<b>538,585</b>	0.3109
Waite Park	168,884	162,353	<b>331,237</b>	0.1912
Waseca	208,081	150,315	<b>358,396</b>	0.2069
West St. Paul	461,749	291,477	<b>753,226</b>	0.4348
White Bear Lake	552,724	399,691	<b>952,415</b>	0.5498
Willmar	439,752	669,954	<b>1,109,706</b>	0.6406
Winona	610,492	547,073	<b>1,157,565</b>	0.6683
Woodbury	1,511,064	1,449,928	<b>2,960,992</b>	1.7094
Worthington	293,773	220,733	<b>514,506</b>	0.2970
Wyoming	174,787	284,933	<b>459,720</b>	0.2654
Zimmerman	120,910	101,929	<b>222,839</b>	0.1286
<b>Total</b>	<b>\$86,609,182</b>	<b>\$86,609,182</b>	<b>\$173,218,364</b>	<b>100.0000</b>

# COMPARISON OF THE 2017 AND 2018 TOTAL ALLOCATIONS

Municipality	2017 Total Allocations	2018 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$943,643	\$933,692	(\$9,951)	(1.1)
Albertville	319,602	318,236	(1,366)	(0.4)
Alexandria	1,001,181	1,021,196	20,015	2.0
Andover	1,490,056	1,464,946	(25,110)	(1.7)
Anoka	751,974	747,531	(4,443)	(0.6)
Apple Valley	2,010,372	2,039,280	28,908	1.4
Arden Hills	352,166	355,402	3,236	0.9
Austin	1,305,322	1,282,689	(22,633)	(1.7)
Baxter	539,576	549,665	10,089	1.9
Belle Plaine	338,304	348,777	10,473	3.1
Bemidji	730,757	762,230	31,473	4.3
Big Lake	429,916	442,377	12,461	2.9
Blaine	2,369,289	2,461,057	91,768	3.9
Bloomington	4,048,476	3,967,448	(81,028)	(2.0)
Brainerd	771,790	760,064	(11,726)	(1.5)
Brooklyn Center	1,041,770	1,079,215	37,445	3.6
Brooklyn Park	2,830,504	2,924,720	94,216	3.3
Buffalo	770,700	751,498	(19,202)	(2.5)
Burnsville	2,564,550	2,520,907	(43,643)	(1.7)
Byron	222,417	233,015	10,598	4.8
Cambridge	473,047	506,216	33,169	7.0
Champlin	956,563	962,581	6,018	0.6
Chanhassen	1,044,321	1,091,145	46,824	4.5
Chaska	1,032,246	1,046,668	14,422	1.4
Chisago City	254,535	266,386	11,851	4.7
Chisholm	279,453	270,932	(8,521)	(3.0)
Circle Pines	176,056	176,484	428	0.2
Cloquet	690,929	704,056	13,127	1.9
Columbia Heights	723,385	710,275	(13,110)	(1.8)
Coon Rapids	2,512,887	2,505,194	(7,693)	(0.3)
Corcoran	364,340	332,968	(31,372)	(8.6)
Cottage Grove	1,546,706	1,563,071	16,365	1.1
Crookston	534,963	514,966	(19,997)	(3.7)
Crystal	827,141	838,389	11,248	1.4
Dayton	259,000	274,283	15,283	5.9
Delano	289,480	283,109	(6,371)	(2.2)
Detroit Lakes	667,847	712,170	44,323	6.6
Duluth	5,258,036	5,077,566	(180,470)	(3.4)
Eagan	2,862,015	2,802,293	(59,722)	(2.1)
East Bethel	756,487	733,299	(23,188)	(3.1)
East Grand Forks	637,456	618,004	(19,452)	(3.1)
Eden Prairie	2,641,707	2,526,607	(115,100)	(4.4)
Edina	2,181,257	2,226,318	45,061	2.1
Elk River	1,400,088	1,407,357	7,269	0.5
Fairmont	672,047	671,224	(823)	(0.1)
Falcon Heights	180,969	181,474	505	0.3
Faribault	1,149,529	1,121,862	(27,667)	(2.4)
Farmington	852,202	829,340	(22,862)	(2.7)

Municipality	2017 Total Allocations	2018 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	\$985,649	\$968,517	(\$17,132)	(1.7)
Forest Lake	1,178,243	1,138,777	(39,466)	(3.3)
Fridley	1,092,547	1,088,879	(3,668)	(0.3)
Glencoe	284,416	279,468	(4,948)	(1.7)
Golden Valley	1,033,398	1,007,600	(25,798)	(2.5)
Grand Rapids	930,201	898,101	(32,100)	(3.5)
Ham Lake	872,960	883,707	10,747	1.2
Hastings	822,944	841,515	18,571	2.3
Hermantown	618,526	598,328	(20,198)	(3.3)
Hibbing	1,294,420	1,314,174	19,754	1.5
Hopkins	679,417	673,732	(5,685)	(0.8)
Hugo	686,835	698,387	11,552	1.7
Hutchinson	733,854	770,765	36,911	5.0
International Falls	275,257	275,275	18	0.0
Inver Grove Heights	1,520,140	1,473,698	(46,442)	(3.1)
Isanti	234,937	238,168	3,231	1.4
Jordan	275,231	269,229	(6,002)	(2.2)
Kasson	256,742	257,307	565	0.2
La Crescent	223,956	217,533	(6,423)	(2.9)
Lake City	253,067	256,033	2,966	1.2
Lake Elmo	491,531	520,635	29,104	5.9
Lakeville	2,701,598	2,816,488	114,890	4.3
Lino Lakes	964,551	944,265	(20,286)	(2.1)
Litchfield	342,403	330,697	(11,706)	(3.4)
Little Canada	442,120	448,627	6,507	1.5
Little Falls	599,976	605,897	5,921	1.0
Mahtomedi	312,061	310,075	(1,986)	(0.6)
Mankato	1,981,572	2,010,045	28,473	1.4
Maple Grove	2,826,055	2,839,439	13,384	0.5
Maplewood	1,758,254	1,747,415	(10,839)	(0.6)
Marshall	721,907	721,086	(821)	(0.1)
Medina	286,100	303,001	16,901	5.9
Mendota Heights	546,448	543,513	(2,935)	(0.5)
Minneapolis	15,952,913	15,786,430	(166,483)	(1.0)
Minnetonka	2,266,283	2,272,519	6,236	0.3
Minnetrista	388,749	398,167	9,418	2.4
Montevideo	279,064	282,131	3,067	1.1
Monticello	539,820	561,812	21,992	4.1
Moorhead	2,426,368	2,390,780	(35,588)	(1.5)
Morris	287,428	289,649	2,221	0.8
Mound	391,837	385,213	(6,624)	(1.7)
Mounds View	484,476	489,801	5,325	1.1
New Brighton	795,660	787,307	(8,353)	(1.0)
New Hope	764,356	775,011	10,655	1.4
New Prague	292,951	298,087	5,136	1.8
New Ulm	714,786	689,943	(24,843)	(3.5)
North Branch	773,368	746,989	(26,379)	(3.4)
North Mankato	661,041	669,663	8,622	1.3
North St. Paul	511,688	496,116	(15,572)	(3.0)
Northfield	808,650	801,274	(7,376)	(0.9)
Oak Grove	629,479	611,322	(18,157)	(2.9)
Oakdale	932,389	949,580	17,191	1.8
Orono	352,528	369,043	16,515	4.7

Municipality	2017 Total Allocations	2018 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	\$785,978	\$787,853	\$1,875	0.2
Owatonna	1,349,811	1,348,040	(1,771)	(0.1)
Plymouth	3,196,402	3,316,026	119,624	3.7
Prior Lake	957,362	971,246	13,884	1.5
Ramsey	1,199,156	1,220,407	21,251	1.8
Red Wing	926,741	927,184	443	0.0
Redwood Falls	299,955	299,645	(310)	(0.1)
Richfield	1,526,618	1,512,452	(14,166)	(0.9)
Robbinsdale	545,421	541,001	(4,420)	(0.8)
Rochester	5,465,966	5,657,105	191,139	3.5
Rogers	715,813	705,912	(9,901)	(1.4)
Rosemount	1,101,309	1,079,783	(21,526)	(2.0)
Roseville	1,362,945	1,394,396	31,451	2.3
Sartell	803,187	815,994	12,807	1.6
Sauk Rapids	657,872	673,194	15,322	2.3
Savage	1,201,368	1,239,810	38,442	3.2
Shakopee	1,649,600	1,726,955	77,355	4.7
Shoreview	963,002	972,712	9,710	1.0
Shorewood	347,470	349,905	2,435	0.7
South St. Paul	797,082	771,804	(25,278)	(3.2)
Spring Lake Park	240,130	246,215	6,085	2.5
St. Anthony	354,830	351,596	(3,234)	(0.9)
St. Cloud	3,177,474	3,228,700	51,226	1.6
St. Francis	462,777	447,757	(15,020)	(3.2)
St. Joseph	199,844	202,132	2,288	1.1
St. Louis Park	1,945,243	1,962,473	17,230	0.9
St. Michael	945,401	915,106	(30,295)	(3.2)
St. Paul	12,322,193	12,050,930	(271,263)	(2.2)
St. Paul Park	247,438	252,477	5,039	2.0
St. Peter	607,128	590,293	(16,835)	(2.8)
Stewartville	216,576	217,414	838	0.4
Stillwater	812,935	813,236	301	0.0
Thief River Falls	683,106	663,000	(20,106)	(2.9)
Vadnais Heights	452,806	469,428	16,622	3.7
Victoria	318,021	330,837	12,816	4.0
Virginia	534,230	546,764	12,534	2.3
Waconia	508,584	538,585	30,001	5.9
Waite Park	318,371	331,237	12,866	4.0
Waseca	362,281	358,396	(3,885)	(1.1)
West St. Paul	715,840	753,226	37,386	5.2
White Bear Lake	916,363	952,415	36,052	3.9
Willmar	1,126,020	1,109,706	(16,314)	(1.4)
Winona	1,158,916	1,157,565	(1,351)	(0.1)
Woodbury	2,985,259	2,960,992	(24,267)	(0.8)
Worthington	533,698	514,506	(19,192)	(3.6)
Wyoming	455,901	459,720	3,819	0.8
Zimmerman	225,734	222,839	(2,895)	(1.3)
<b>Total</b>	<b>\$173,218,364</b>	<b>\$173,218,364</b>	<b>\$0</b>	<b>0.000</b>

80 Cities Increased Their Total Allocation  
 68 Cities Decreased Their Total Allocation

## TENTATIVE 2018 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

Municipality	Total Needs	Mileage	2017	2018
			Population Allocation	Per Need Mile
Minneapolis	206.82	\$44,891	42,047	
Hopkins	9.99		40,859	
St. Paul	164.73		37,133	
New Hope	12.86		36,408	
Falcon Heights	3.29		35,652	
Columbia Heights	12.50		34,310	
St. Anthony	5.95		34,002	
West St. Paul	13.58		32,758	
St. Louis Park	33.02		32,747	
New Brighton	15.27		32,564	
Richfield	24.67		32,355	
Brooklyn Center	21.34		32,346	
Robbinsdale	10.05		32,078	
Coon Rapids	43.23		31,853	
Oakdale	19.39		31,125	
Vadnais Heights	9.17		30,762	
Eagan	49.03		30,706	
Circle Pines	3.60		30,542	
Burnsville	44.77		30,404	
Apple Valley	37.33		29,604	
Shoreview	19.69		29,297	
Farmington	16.69		29,260	
Stewartville	4.71		28,923	
Brooklyn Park	60.71		28,768	
Arden Hills	7.53		28,179	
Crystal	17.47		28,036	
Eden Prairie	48.54		27,927	
Blaine	50.36		27,900	
Edina	40.85		27,641	
Winona	21.86		26,988	
Chaska	20.95		26,792	
Fridley	22.90			
Waseca	7.71			
Mounds View	10.86			

Municipality	Total Needs	Mileage	2017	2018	Money Needs Allocation Per Need Mile
St. Paul	164.73	\$32,297	206.82	31,438	
Minneapolis	48.01		11.58	30,189	
Moorhead			108.01	29,302	
Crookston			16.23	29,179	
Rochester			24.67	28,802	
Thief River Falls			116.71	28,743	
Richfield			39.67	27,052	
Duluth			26.818	27,052	
Mankato			33.02	26,675	
St. Louis Park			76.12	26,476	
Bloomington			40.85	26,463	
Edina			65.90	26,401	
St. Cloud			49.03	26,392	
Eagan			14.21	26,167	
Sauk Rapids			43.23	25,872	
Coon Rapids			44.77	25,766	
Burnsville			26.18	25,466	
Fergus Falls			65.31	25,393	
Hopkins			57.52	25,232	
Plymouth			21.86	25,207	
Woodbury			16.99	25,026	
Winona			24.07	24,868	
East Grand Forks			5.95	24,824	
Faribault			37.33	24,782	
St. Anthony			30.21	24,517	
Grand Rapids			27.87	24,417	
Delano			19.16	24,224	
Apple Valley			58.17	24,088	
Austin			30.21	24,039	
Willmar			19.16	23,886	
Brainerd			58.17	23,576	
Maple Grove			19.52	23,426	
Hutchinson			36.68	23,384	
Maplewood					

Municipality	2017 Total Needs	2018 Total Allocation	Per Need Mile
	Mileage	\$76,329	
Minneapolis	206.82		
St. Paul	164.73	73,156	
Hopkins	9.99	67,441	
Richfield	24.67	61,307	
New Hope	12.86	60,265	
St. Louis Park	33.02	59,433	
St. Anthony	5.95	59,092	
Coon Rapids	43.23	57,950	
Eagan	49.03	57,155	
Columbia Heights	12.50	56,822	
Burnsville	44.77	56,308	
West St. Paul	13.58	55,466	
Falcon Heights	3.29	55,159	
Apple Valley	37.33	54,628	
Edina	40.85	54,500	
Robbinsdale	10.05	53,831	
Winona	21.86	52,954	
Rochester	108.01	52,376	
Bloomington	76.12	52,121	
Eden Prairie	48.54	52,052	
New Brighton	15.27	51,559	
Woodbury	57.52	51,478	
Vadnais Heights	9.17	51,192	
Plymouth	65.31	50,774	
Mankato	39.67	50,676	
Brooklyn Center	21.34	50,572	
Chaska	20.95	49,960	
Moorehead	48.01	49,798	
Farmington	16.69	49,691	
Shoreview	19.69	49,401	
Circle Pines	3.60	49,023	
St. Cloud	65.90	48,994	
Oakdale	19.39	48,973	
Blaine	50.36	48,869	

Municipality	2017 Total Needs Mileage	2018 Population Allocation Per Need Mile	2017			2018		
			Total Needs Mileage	Municipality	Allocation Per Need Mile	Total Needs Mileage	Municipality	Allocation Per Need Mile
White Bear Lake	20.94	\$26,396	St. Michael	22.91	\$23,371	Maple Grove	58.11	\$48,813
Northfield	17.06	26,378	Eden Prairie	48.54	23,284	Mound	7.94	48,515
Woodbury	57.52	26,270	Chanhassen	22.76	23,222	Anoka	15.42	48,478
Mound	7.94	26,093	New Hope	12.86	23,132	Brooklyn Park	60.71	48,175
Prior Lake	21.63	26,084	Waite Park	7.02	23,127	Crystal	17.47	47,990
South St. Paul	17.46	25,840	North Mankato	15.77	23,100	Champlin	20.07	47,961
Anoka	15.42	25,800	Sartell	18.52	23,072	Chanhassen	22.76	47,941
Champlin	20.07	25,713	Buffalo	17.24	22,920	Maplewood	36.68	47,639
Bloomington	76.12	25,645	Bemidji	18.72	22,862	Fridley	22.90	47,549
Plymouth	65.31	25,541	Elk River	38.27	22,697	Sauk Rapids	14.21	47,375
Maple Grove	58.17	25,236	Anoka	15.42	22,678	Arden Hills	7.53	47,198
Roseville	31.55	25,111	Red Wing	24.87	22,574	Waite Park	7.02	47,185
Worthington	11.79	24,917	Mound	7.94	22,423	Northfield	17.06	46,968
Chanhassen	22.76	24,719	Owatonna	34.64	22,410	Faribault	24.07	46,608
Savage	27.27	24,552	Golden Valley	23.74	22,369	Waaseca	7.71	46,485
Spring Lake Park	5.82	24,357	St. Peter	14.74	22,338	Stevensville	4.71	46,160
Monticello	12.19	24,319	Champlin	20.07	22,248	Monticello	12.19	46,088
Maplewood	36.68	24,256	Marshall	18.78	22,152	Delano	6.21	45,589
Waite Park	7.02	24,058	Chaska	20.95	22,060	White Bear Lake	20.94	45,483
Mankato	39.67	23,857	Albert Lea	24.31	21,997	Savage	27.27	45,464
Stillwater	18.25	23,856	St. Paul Park	5.94	21,963	Mounds View	10.86	45,101
North St. Paul	11.34	23,529	Belle Plaine	8.95	21,923	Prior Lake	21.63	44,903
Rochester	108.01	23,197	Monticello	12.19	21,769	Stillwater	18.25	44,561
Shakopee	38.88	23,111	Cottage Grove	35.31	21,765	Crookston	11.58	44,470
Minnetonka	51.19	22,778	Jordan	6.08	21,689	Shakopee	38.88	44,418
St. Cloud	65.90	22,592	New Ulm	18.01	21,689	Minnetonka	51.19	44,394
Jordan	6.08	22,592	Alexandria	33.29	21,661	Jordan	6.08	44,281
Cottage Grove	35.31	22,502	Virginia	16.36	21,648	Cottage Grove	35.31	44,267
Victoria	8.77	22,486	Fairmont	20.12	21,641	South St. Paul	17.46	44,204
St. Joseph	6.66	22,370	Minnetonka	51.19	21,616	Roseville	31.55	44,196
Inver Grove Heights	34.71	22,292	Lakeville	68.33	21,494	Sartell	18.52	44,060
Kasson	6.30	22,101	Robbinsdale	10.05	21,485	North St. Paul	11.34	43,749
Hastings	22.61	21,903	West St. Paul	13.58	21,464	Worthington	11.79	43,639
Faribault	24.07	21,785	Baxter	17.12	21,365	Buffalo	17.24	43,590
Albertville	7.51	21,696	Shakopee	38.88	21,307	Duluth	116.71	43,506
New Prague	7.76	21,610	Columbia Heights	12.50	21,170	St. Paul Park	5.94	42,505
Sauk Rapids	14.21	21,207	St. Francis	13.45	21,127	North Mankato	15.77	42,464
Delano	6.21	21,172	Orono	9.45	21,059	Austin	30.21	42,459

Municipality	2017 Total Needs Mileage	2018 Population Allocation Per Need Mile	2017			2018		
			Total Needs Mileage	Municipality	Allocation Per Need Mile	Total Needs Mileage	Municipality	Allocation Per Need Mile
White Bear Lake	20.94	\$26,396	St. Michael	22.91	\$23,371	Maple Grove	58.11	\$48,813
Northfield	17.06	26,378	Eden Prairie	48.54	23,284	Mound	7.94	48,515
Woodbury	57.52	26,270	Chanhassen	22.76	23,222	Anoka	15.42	48,478
Mound	7.94	26,093	New Hope	12.86	23,132	Brooklyn Park	60.71	48,175
Prior Lake	21.63	26,084	Waite Park	7.02	23,127	Crystal	17.47	47,990
South St. Paul	17.46	25,840	North Mankato	15.77	23,100	Champlin	20.07	47,961
Anoka	15.42	25,800	Sartell	18.52	23,072	Chanhassen	22.76	47,941
Champlin	20.07	25,713	Buffalo	17.24	22,920	Maplewood	36.68	47,639
Bloomington	76.12	25,645	Bemidji	18.72	22,862	Fridley	22.90	47,549
Plymouth	65.31	25,541	Elk River	38.27	22,697	Sauk Rapids	14.21	47,375
Maple Grove	58.17	25,236	Anoka	15.42	22,678	Arden Hills	7.53	47,198
Roseville	31.55	25,111	Red Wing	24.87	22,574	Waite Park	7.02	47,185
Worthington	11.79	24,917	Mound	7.94	22,423	Northfield	17.06	46,968
Chanhassen	22.76	24,719	Owatonna	34.64	22,410	Faribault	24.07	46,608
Savage	27.27	24,552	Golden Valley	23.74	22,369	Waaseca	7.71	46,485
Spring Lake Park	5.82	24,357	St. Peter	14.74	22,338	Stevensville	4.71	46,160
Monticello	12.19	24,319	Champlin	20.07	22,248	Monticello	12.19	46,088
Maplewood	36.68	24,256	Marshall	18.78	22,152	Delano	6.21	45,589
Waite Park	7.02	24,058	Chaska	20.95	22,060	White Bear Lake	20.94	45,483
Mankato	39.67	23,857	Albert Lea	24.31	21,997	Savage	27.27	45,464
Stillwater	18.25	23,856	St. Paul Park	5.94	21,963	Mounds View	10.86	45,101
North St. Paul	11.34	23,529	Belle Plaine	8.95	21,923	Prior Lake	21.63	44,903
Rochester	108.01	23,197	Monticello	12.19	21,769	Stillwater	18.25	44,561
Shakopee	38.88	23,111	Cottage Grove	35.31	21,765	Crookston	11.58	44,470
Minnetonka	51.19	22,778	Jordan	6.08	21,689	Shakopee	38.88	44,418
St. Cloud	65.90	22,592	New Ulm	18.01	21,689	Minnetonka	51.19	44,394
Jordan	6.08	22,592	Alexandria	33.29	21,661	Jordan	6.08	44,281
Cottage Grove	35.31	22,502	Virginia	16.36	21,648	Cottage Grove	35.31	44,267
Victoria	8.77	22,486	Fairmont	20.12	21,641	South St. Paul	17.46	44,204
St. Joseph	6.66	22,370	Minnetonka	51.19	21,616	Roseville	31.55	44,196
Inver Grove Heights	34.71	22,292	Lakeville	68.33	21,494	Sartell	18.52	44,060
Kasson	6.30	22,101	Robbinsdale	10.05	21,485	North St. Paul	11.34	43,749
Hastings	22.61	21,903	West St. Paul	13.58	21,464	Worthington	11.79	43,639
Faribault	24.07	21,785	Baxter	17.12	21,365	Buffalo	17.24	43,590
Albertville	7.51	21,696	Shakopee	38.88	21,307	Duluth	116.71	43,506
New Prague	7.76	21,610	Columbia Heights	12.50	21,170	St. Paul Park	5.94	42,505
Sauk Rapids	14.21	21,207	St. Francis	13.45	21,127	North Mankato	15.77	42,464
Delano	6.21	21,172	Orono	9.45	21,059	Austin	30.21	42,459

	Municipality	2017		2018	
		Total Needs Mileage	Allocation Per Need Mile	Total Needs Mileage	Allocation Per Need Mile
	Inver Grove Heights	34.71	\$42,457		
	Golden Valley	23.74	42,443		
	Albertville	7.51	42,375		
	Spring Lake Park	5.82	42,305		
	Lakeville	68.33	41,219		
	Thief River Falls	16.23	40,850		
	Kasson	6.30	40,842		
	Bemidji	18.72	40,717		
	St. Peter	14.74	40,047		
	St. Michael	22.91	39,944		
	Willmar	27.87	39,817		
	Brainerd	19.16	39,669		
	Lino Lakes	23.84	39,608		
	North St. Paul	11.34	39,527		
	Inver Grove Heights	34.71	39,486		
	Farmington	20.165	39,052		
	Lino Lakes	20.095	38,969		
	Vadnais Heights	9.17	38,916		
	Rogers	21.37	38,535		
	Shorewood	9.20	38,413		
	Fridley	22.90	38,408		
	Little Canada	11.35	38,396		
	Waseca	19.908	38,309		
	Vadnais Heights	19.851	38,306		
	Shoreview	19.797	37,708		
	Waseca	7.71	37,281		
	Mendota Heights	15.17	37,249		
	Waconia	14.06	37,219		
	White Bear Lake	20.94	36,995		
	Roseville	31.55	36,774		
	Chisholm	8.41	36,746		
	Crystal	17.47	36,375		
	Rosemount	29.39	35,828		
	Cloquet	22.75	34,567		
	Brooklyn Park	60.71	34,230		
	Little Falls	21.75	34,122		
	Prior Lake	21.63	34,069		
	New Brighton	15.27	34,069		
	Falcon Heights	18,813	34,069		
	Kasson	3.29	34,069		
	Worthington	6.30	34,069		
	North Branch	11.79	34,069		
	Cambridge	18,741	34,069		
	Glencoe	8.39	34,069		
	Morris	9.18	34,069		
	International Falls	18,446			

	Municipality	2017		2018	
		Total Needs Mileage	Population Allocation Per Need Mile	Total Needs Mileage	Money Needs Allocation Per Need Mile
	Savage	27.27	\$20,912		
	Hermantown	18.65	20,812		
	Litchfield	8.77	20,727		
	Stillwater	18.25	20,705		
	Blaine	50.36	20,691		
	Albertville	7.51	20,679		
	Northfield	17.06	20,590		
	Detroit Lakes	24.52	20,587		
	Forest Lake	33.83	20,367		
	Lino Lakes	23.84	20,317		
	North St. Paul	11.34	20,220		
	Inver Grove Heights	34.71	20,165		
	Farmington	16.69	20,095		
	Lino Lakes	20.067	Little Canada		
	Vadnais Heights	9.17	Owatonna		
	Rogers	21.37	Big Lake		
	Shorewood	9.20	Orono		
	Fridley	22.90	Belle Plaine		
	Little Canada	11.35	19,851		
	Shoreview	19.69	19,797		
	Waseca	7.71	19,496		
	Mendota Heights	15.17	19,385		
	Waconia	14.06	19,176		
	White Bear Lake	20.94	19,087		
	Roseville	31.55	19,085		
	Chisholm	8.41	Waconia		
	Crystal	17.47	Shorewood		
	Rosemount	29.39	Albert Lea		
	Cloquet	22.75	Marshall		
	Brooklyn Park	60.71	Victoria		
	Little Falls	21.75	New Ulm		
	Prior Lake	21.63	Litchfield		
	New Brighton	15.27	Red Wing		
	Falcon Heights	18,813	Shorewood		
	Kasson	3.29	La Crescent		
	Worthington	6.30	Rosemount		
	North Branch	11.79	East Grand Forks		
	Cambridge	18,741	Hastings		
	Glencoe	8.39	Fergus Falls		
	Morris	9.18	Elk River		
	International Falls	18,446			

	Municipality	2017		2018	
		Total Needs Mileage	Population Allocation Per Need Mile	Total Needs Mileage	Allocation Per Need Mile
	Big Lake	11.48	\$21,026		
	Sartell	18.52	20,988		
	Buffalo	17.24	20,671		
	St. Paul Park	5.94	20,541		
	Golden Valley	23.74	20,074		
	Lakeville	68.33	19,725		
	Little Canada	11.35	19,675		
	Moorhead	48.01	19,608		
	LaCrescent	5.84	19,587		
	North Mankato	15.77	19,365		
	Lino Lakes	23.84	19,292		
	Waconia	14.06	19,130		
	Zimmerman	6.51	18,573		
	Mahtomedi	9.56	18,570		
	Austin	30.21	18,371		
	Isanti	6.89	18,014		
	Shorewood	9.20	18,013		
	Orono	9.45	17,993		
	Ebemidji	18.72	17,855		
	Rosemount	29.39	17,725		
	St. Peter	14.74	17,709		
	International Falls	8.08	17,577		
	Belle Plaine	8.95	17,047		
	Litchfield	8.77	16,981		
	New Ulm	18.01	16,620		
	St. Michael	22.91	16,573		
	Owatonna	34.64	16,506		
	Duluth	116.71	16,453		
	Mendota Heights	15.17	16,443		
	Andover	43.48	16,441		
	Albert Lea	24.31	16,411		
	Marshall	18.78	16,244		
	Hutchinson	19.52	16,060		
	Byron	7.59	16,014		
	Brainerd	19.16	15,784		
	Willmar	27.87	15,779		
	Ramsey	37.86	15,329		
	Hugo	21.19	15,238		
	Crookston	11.58	15,168		

Municipality	2017		2018		Municipality	2017		2018	
	Total Needs Mileage	Population Allocation Per Need Mile	Total Needs Mileage	Money Needs Allocation Per Need Mile		Total Needs Mileage	Population Allocation Per Need Mile	Total Needs Mileage	Money Needs Allocation Per Need Mile
Oscego	23.72	\$14,930	South St. Paul	17.46	\$18,365	Andover	43.48	\$33,692	
Glencoe	8.39	14,838	Minnetrista	12.98	18,347	Forest Lake	33.83	33,662	
Red Wing	24.87	14,708	Circle Pines	3.60	18,318	Virginia	16.36	33,421	
Elk River	38.27	14,077	Mounds View	10.86	18,309	Fairmont	20.12	33,361	
Chisago City	8.54	13,648	Otsego	23.72	18,284	Glencoe	8.39	33,310	
Lake City	8.39	13,515	Brooklyn Center	21.34	18,217	St. Francis	13.45	33,290	
Forest Lake	33.83	13,295	Montevideo	8.98	18,165	Otsego	23.72	33,215	
Montevideo	8.98	13,253	Lake Elmo	18.12	18,059	Rogers	21.37	33,033	
Chisholm	8.41	13,144	Spring Lake Park	5.82	17,948	Hugo	21.19	32,958	
Morris	9.18	13,106	Arden Hills	7.53	17,938	Mahtomedi	9.56	32,435	
Rogers	21.37	12,972	Wyoming	15.92	17,898	Ramsey	37.86	32,235	
Minnetrista	12.98	12,328	Hugo	21.19	17,721	Chisholm	8.41	32,215	
St. Francis	13.45	12,164	La Crescent	5.84	17,662	Baxter	17.12	32,107	
Thief River Falls	16.23	12,048	Hibbing	54.19	17,576	Hermantown	18.65	32,082	
Cloquet	22.75	11,954	Chisago City	8.54	17,545	Morris	9.18	31,552	
Virginia	16.36	11,773	Big Lake	11.48	17,509	Montevideo	8.98	31,418	
Fairmont	20.12	11,720	Redwood Falls	10.52	17,438	Chisago City	8.54	31,193	
Fergus Falls	26.18	11,529	Andover	43.48	17,251	Cloquet	22.75	30,948	
East Grand Forks	16.99	11,507	Oakdale	19.39	17,119	Byron	7.59	30,700	
Cambridge	16.93	11,425	Lake City	8.39	17,001	Alexandria	33.29	30,676	
Hermantown	18.65	11,270	Ramsey	37.86	16,906	Minnetrista	12.98	30,675	
Redwood Falls	10.52	11,046	New Prague	7.76	16,804	Lake City	8.39	30,516	
Wyoming	15.92	10,979	Stewartville	4.71	16,734	St. Joseph	6.66	30,350	
Medina	12.59	10,766	Oak Grove	25.73	16,576	Cambridge	16.93	29,901	
Dayton	10.62	10,756	Isanti	6.89	16,553	Detroit Lakes	24.52	29,044	
Baxter	17.12	10,742	International Falls	8.08	16,492	Wyoming	15.92	28,877	
Lake Elmo	18.12	10,673	East Bethel	28.84	16,390	Lake Elmo	18.12	28,733	
Ham Lake	33.73	10,416	Ham Lake	33.73	15,784	Redwood Falls	10.52	28,483	
Grand Rapids	26.32	9,605	Zimmerman	6.51	15,657	Little Falls	21.75	27,857	
East Bethel	28.84	9,036	Hastings	22.61	15,316	North Branch	27.81	26,860	
Little Falls	21.75	9,036	Victoria	8.77	15,238	Ham Lake	33.73	26,199	
Alexandria	33.29	9,015	Dayton	10.62	15,071	Dayton	10.62	25,827	
Detroit Lakes	24.52	8,457	Byron	7.59	14,686	East Bethel	28.84	25,426	
North Branch	27.81	8,323	Mahtomedi	9.56	13,865	Hibbing	54.19	24,251	
Corcoran	15.53	7,827	Corcoran	15.53	13,614	Medina	12.59	24,067	
Oak Grove	25.73	7,183	Medina	12.59	13,301	Oak Grove	25.73	23,759	
Hibbing	54.19	6,675	St. Joseph	6.66	7,980	Corcoran	15.53	21,440	
<b>Total</b>					<b>\$20,991</b>				<b>\$42,016</b>

# OTHER TOPICS

## CERTIFICATION OF MSAS SYSTEM AS COMPLETE

A Certification of a Municipal State Aid Street System may occur when a City certifies to the Commissioner of Transportation that its state aid routes are improved to state aid standards or have no other needs beyond additional surfacing or shouldering needs as identified in the annual State Aid Needs Report. This authority exists under Minnesota Rules 8820.1800 subpart 2, which reads in part:

*When the county board or governing body of an urban municipality desires to use a part of its state aid allocation on local roads or streets not on an approved state aid system, it shall certify to the commissioner that its state aid routes are improved to state aid standards or are in an adequate condition that does not have needs other than additional surfacing or shouldering needs identified in its respective state aid needs report. That portion of the county or city apportionment attributable to needs must not be used on the local system.*

When a system is certified as complete, the certification shall be good for two years. The dollar amount eligible for use on local streets will be based on the population portion of the annual construction allocation. The beginning construction account figure for this calculation shall be the amount of the current year's construction account which is not generated by construction needs.

**The dollar amount eligible to be spent on local street systems is determined as follows:**

Determine what percentage the population allocation is of the total allocation. This percent is then multiplied times the construction allotment. This is the amount of the construction allotment that is generated by the population allocation. Only the construction allotment is used because the city has already received its maintenance allotment.

**Population Allocation / Total Allocation \* Construction Allotment = Local Amount Available.** (see allocation into 90p account on next page)

The following five cities are Certified Complete: Columbia Heights, Crookston, Falcon Heights, Fridley, and South St. Paul.

# LOCAL AMOUNT AVAILABLE AFTER JANUARY 2017 ALLOCATION

Prepared for the January 2017 booklet

**The Maximum Local Amount Available may change upon receipt of any payment request.**

	Fridley	Columbia Hgts	Falcon Hgts	South St. Paul	Crookston
<b>Total Construction Allotment received in January 2017</b>	<b>\$710,156</b>	<b>\$542,539</b>	<b>\$117,630</b>	<b>\$597,811</b>	<b>\$401,222</b>
<b>2017 Construction Allotment based on Population (annual allocation to 90p acct)</b>	<b>\$414,775</b>	<b>\$335,213</b>	<b>\$78,227</b>	<b>\$341,181</b>	<b>\$133,348</b>
<b>Amount Remaining in 90p acct from 2016</b>	<b>\$790,171</b>	<b>\$0</b>	<b>\$412,242</b>	<b>\$1,657,533</b>	<b>\$217,490</b>
<b>Maximum Local Unencumbered Amount Available after January 2017 Allocation</b>	<b>\$1,204,946</b>	<b>\$335,213</b>	<b>\$490,469</b>	<b>\$1,998,714</b>	<b>\$350,838</b>

This is the amount available to spend on city streets after the 2017 allotments have been received. To find out how much is available for spending on local streets as of a specific date, please log on to SAAS Reports, select State Aid County and Municipality Report, select SAAS Status and then select your city and the Reporting Year/Month. The report numbered 90p - Muni Const Pop shows the amount available for local projects.

## 90P ACCOUNT - BALANCE

Minnesota Department of Transportation - Office of Finance

Page 1 of 1

**SAAS Account Summary by Account**  
**Summary of Account: 90P - CERT POPULATION**

for 2017 as of 9/30/2017

Municipality	Dist	Beg Yr Bal	Annual Allocations	Total	Deposits	Transfers	Disbursement	Unexp Bal	Encumbrance	B/L Rsv	Bal Available
113-COLUMBIA HEIGHTS	5	83,195.89	335,213.00	418,408.89	0.00	0.00	15,000.00	403,408.89	44,184.64	0.00	359,224.25
115-CROOKSTON	2	217,489.78	133,348.00	350,837.78	0.00	0.00	0.00	350,837.78	0.00	0.00	350,837.78
124-FALCON HEIGHTS	5	425,021.98	78,227.00	503,248.98	0.00	0.00	190,000.00	313,248.98	22,779.55	0.00	290,469.43
127-FRIDLEY	5	790,171.26	414,775.00	1,204,946.26	0.00	0.00	1,152,891.15	52,055.11	52,055.11	0.00	0.00
168-SOUTH SAINT PAUL	5	1,657,532.50	341,181.00	1,998,713.50	0.00	0.00	0.00	1,998,713.50	0.00	0.00	1,998,713.50
<b>Total</b>		<b>3,173,411.41</b>	<b>1,302,744.00</b>	<b>4,476,155.41</b>	<b>0.00</b>	<b>0.00</b>	<b>1,357,891.15</b>	<b>3,118,264.26</b>	<b>119,019.30</b>	<b>0.00</b>	<b>2,999,244.96</b>

## HISTORY OF ADMINISTRATIVE ACCOUNT

2% OF THE TOTAL FUNDS AVAILABLE ARE SET ASIDE FOR THE ADMINISTRATION OF STATE AID. THE ACCOUNT IS USED FOR EXPENSES OF SCREENING BOARD MEETINGS, VARIANCE MEETINGS, PRINTING OF STATE AID MATERIALS, ETC.

Year	January Allotment	Year End Balance	Spent	Year	January Allotment	Year End Balance	Spent
1958	\$113,220	\$48,310	\$64,910	2011	\$2,858,585	\$762,419	\$2,096,166
1970	252,736	147,968	104,768	2012	3,014,118	1,029,649	1,984,469
1980	521,544	171,544	350,000	2013	3,125,654	888,606	2,237,048
1990	1,248,109	218,586	1,029,523	2014	3,235,357	880,506	2,354,851
2000	1,583,411	1,230,268	353,143	2015	3,413,892	1,045,899	2,367,993
2008	1,750,808	29,487	1,721,321	2016	3,548,041	1,171,781	2,376,260
2009	1,866,306	95,764	1,770,542	2017	3,551,701		
2010	2,614,101	680,404	1,933,697				

The unexpended balance of the administration account at the end of the year is transferred back to the MSAS fund and redistributed the following year.

## HISTORY OF THE RESEARCH ACCOUNT

Each year the Screening Board, provided for in section 162.13, Subdivision 3, may recommend to the commissioner a sum of money that the commissioner shall set aside from the municipal state aid street fund and credit to a research account. The amount so recommended shall not exceed 1/2 of 1% of the preceding apportionment. Any balance remaining in the research account at the end of each year from sum set aside for the year immediately previous, shall be transferred to the MSAS fund.

**Be it resolved that an amount of \$866,092 (not to exceed 1/2 of 1% of the 2017 MSAS Apportionment sum of \$173,218,364) shall be set aside from the 2018 Apportionment fund and be credited to the research account.**

Year	Allotment	Spent	Year	Allotment	Spent
1958	\$0	\$0	2011	\$636,577	\$636,577
1970	37,803	2,151	2012	695,405	695,405
1980	77,116	40,764	2013	723,414	723,414
1990	191,254	150,294	2014	746,853	746,853
2000	487,286	487,286	2015	773,075	773,075
2008	572,095	572,095	2016	853,501	853,501
2009	571,991	571,991	2017	868,060	868,060
2010	608,806	608,806	2018	<b>866,092</b>	

## **MUNICIPAL STATE AID CONSTRUCTION ACCOUNT ADVANCE GUIDELINES**

**ADVANCE STATUS IS CURRENTLY CODE GREEN**

### **State Aid Advances**

M.S. 162.14, Subd 6 provides for municipalities to make advances from future year's allocations for the purpose of expediting construction. This process not only helps reduce the construction cash balance, but also allows municipalities to fund projects that may have been delayed due to funding shortages.

The formula used to determine if advances will be available is based on the current construction cash balance, expenditures trends, repayments and the \$20,000,000 recommended threshold in MSAS construction. The threshold can be administratively adjusted by the Chief Financial Officer and reported to the Screening Board at the next Screening Board meeting.

The process used for advancing is dependent on the code levels which are listed below. Code levels for the current year can be obtained from the SAF website -  
<http://www.dot.state.mn.us/safinance/advances.html>.

### **State Aid Advance Code Levels**

Guidelines for advances are determined by the following codes.

**SEVERE**

**Code RED - SEVERE** – Construction cash balance too low. NO MORE ADVANCES - NO EXCEPTIONS

**GUARDED**

**Code YELLOW - GUARDED** – Construction cash balance low; balances reviewed monthly. Advancing money may not meet the anticipated needs. Priority system will be used. Resolution required. Reserve option is available only prior to bid advertisement.

**LOW**

**Code GREEN - LOW** – Construction cash balance at acceptable level to approve anticipated advances. Advances approved on first-come, first-serve basis while funds are available. Resolution required. High priority projects are reserved; others optional.

### **General Guidelines for State Aid & Federal Aid Advance Construction**

If a City requests an advance on future allotments they need to submit an Advance Resolution authorizing the advance by the board. This will "earmark" the funding for that City, but it will

NOT hold the funds. Advanced funds will be paid out on a first come first serve basis as the construction accounts are spent down to zero. The correct resolution must be used for each advance type and there is a sample resolution for each on the State Aid Finance webpage.

**Requests are good only for the year requested (cannot be submitted for multiple years) and void at 12/31 of that year.**

Advances are not limited to the projects listed on the resolution. Project payments are processed in the order received by SAF until the maximum advance amount is reached. Advances are repaid from next year's allocation until fully repaid.

Advance funding is not guaranteed. If the City finds they need a guarantee that the funds will be held specifically for them they can submit a "Request to Reserve Funds" to ensure funds will be available for their project. Once approved, a signed copy will be returned to the County.

**Requests are good only for the year requested (cannot be submitted for multiple years) and void at 12/31 of that year.**

Sample Advance Resolutions and a - Request to Reserve Funds can be obtained from SAF website - <http://www.dot.state.mn.us/safinance/formsandresolutions.html>.

E-mail completed forms to Sandra Martinez in State Aid Finance and your DSAE for review.

### **Priority System**

A Priority System will be required if the construction cash balances drop below an acceptable level which is Code Yellow. This process starts in early October proceeding the advance year. Each city will be required to submit projects to their DSAE for prioritization within the district. The DSAE will submit the prioritized list to SALT for final prioritization.

Requests should include a negative impact statement if project had to be delayed or advance funding was not available. In addition, include the significance of the project.

Priority projects include, but are not limited to projects where agreements have mandated the city's participation, or projects with advanced federal aid. Small over-runs and funding shortfalls may be funded, but require State Aid approval.

### **Advance Limitations**

#### Statutory - None

Ref. M.S.162.14, Subd 6.

#### State Aid Rules - None

Ref. State Aid Rules 8820.1500, Subp 10& 10b.

#### State Aid Guidelines

Advance is limited to five times the municipalities' last construction allotment or \$4,000,000, whichever is less. Advance amount will be reduced by any similar outstanding obligations and/or bond principle payments due. The limit can be administratively adjusted by the Chief Financial Officer.

Limitation may be exceeded due to federal aid advance construction projects programmed by the ATP in the STIP where State Aid funds are used in lieu of federal funds. Repayment will be made at the time federal funds are converted. Should federal funds fail to be programmed, or the project (or a portion of the project) be declared federally ineligible, the local agency is required to pay back the advance under a payment plan mutually agreed to between State Aid and the Municipality.

## **COUNTY HIGHWAY TURNBACK POLICY**

### ***Definitions:***

County Highway – Either a County State Aid Highway or a County Road

County Highway Turnback- A CSAH or a County Road which has been released by the county and designated as an MSAS roadway. A designation request must be approved and a Commissioner's Order written. A County Highway Turnback may be either County Road (CR) Turnback or a County State Aid (CSAH) Turnback. (See Minnesota Statute 162.09 Subdivision 1). A County Highway Turnback designation has to stay with the County Highway turned back and is not transferable to any other roadways.

Basic Mileage- Total improved mileage of local streets, county roads and county road turnbacks. Frontage roads which are not designated trunk highway, trunk highway turnback or on the County State Aid Highway System shall be considered in the computation of the basic street mileage. A city is allowed to designate 20% of this mileage as MSAS. (See Screening Board Resolutions in the back of the most current booklet).

### ***MILEAGE CONSIDERATIONS***

#### ***County State Aid Highway Turnbacks***

A CSAH Turnback **is not** included in a city's basic mileage, which means it **is not** included in the computation for a city's 20% allowable mileage. However, a city may draw Construction Needs and generate allocation on 100% of the length of the CSAH Turnback

#### ***County Road Turnbacks***

A County Road Turnback **is** included in a city's basic mileage, so it **is** included in the computation for a city's 20% allowable mileage. A city may also draw Construction Needs and generate allocation on 100% of the length of the County Road Turnback.

### ***Jurisdictional Exchanges***

#### ***County Road for MSAS***

Only the **extra** mileage a city receives in an exchange between a County Road and an MSAS route **will be** considered as a County Road Turnback.

If the mileage of a jurisdictional exchange is **even**, the County Road **will not be** considered as a County Road Turnback.

If a city receives **less** mileage in a jurisdictional exchange, the County Road **will not be** considered as a County Road Turnback.

## ***CSAH for MSAS***

Only the **extra** mileage a city receives in an exchange between a CSAH and an MSAS route **will be** considered as a CSAH Turnback.

If the mileage of a jurisdictional exchange is **even**, the CSAH **will not be** considered as a CSAH Turnback.

If a city receives **less** mileage in a jurisdictional exchange, the CSAH **will not be** considered as a CSAH Turnback

### **NOTE:**

When a city receives **less** mileage in a CSAH exchange it will have less mileage to designate within its 20% mileage limitation and may have to revoke mileage the following year when it computes its allowable mileage.

*Explanation:* After this exchange is completed, a city will have more CSAH mileage and less MSAS mileage than before the exchange. The new CSAH mileage was included in the city's basic mileage when it was MSAS (before the exchange) but is not included when it is CSAH (after the exchange). So, after the jurisdictional exchange the city will have less basic mileage and 20% of that mileage will be a smaller number.

If a city has more mileage designated than the new, lower 20% allowable mileage, the city will be over designated and be required to revoke some mileage. **If a revocation is necessary, it will not have to be done until the following year after a city computes its new allowable mileage.**

## ***MSAS designation on a County Road***

County Roads can be designated as MSAS. If a County Road which is designated as MSAS is turned back to the city, it will not be considered as County Road Turnback.

## ***MISCELLANEOUS***

A CSAH which was previously designated as Trunk Highway turnback on the CSAH system and is turned back to the city will lose all status as a TH turnback and only be considered as CSAH Turnback.

A city that had previously been over 5,000 population, lost its eligibility for an MSAS system and regained it shall revoke all streets designated as CSAH at the time of eligibility loss and consider them for MSAS designation. These roads will not be eligible for consideration as CSAH turnback designation.

In a city that becomes eligible for MSAS designation for the first time all CSAH routes which serve only a municipal function and have both termini within or at the municipal boundary, should be revoked as CSAH and considered for MSAS designation. These roads will not be eligible for consideration as CSAH turnbacks.

For MSAS purposes, a County or CSAH that has been released to a city cannot be local road for more than two years and still be considered a turnback.

**CURRENT RESOLUTIONS  
OF THE  
MUNICIPAL SCREENING BOARD**

October 2017

**Bolded wording (except headings) are revisions since the last publication of the Resolutions**

**BE IT RESOLVED:**

**ADMINISTRATION**

**Appointments to Screening Board** - Oct. 1961 (Revised June 1981, May 2011)

The Commissioner of Mn/DOT will annually be requested to appoint three (3) new members, upon recommendation of the City Engineers Association of Minnesota, to serve three (3) year terms as voting members of the Municipal Screening Board. These appointees are selected from the MnDOT State Aid Districts as they exist in 2010, together with one representative from each of the four (4) cities of the first class.

**Screening Board Chair, Vice Chair and Secretary**- June 1987 (Revised June, 2002)

The Chair Vice Chair, and Secretary, nominated annually at the annual meeting of the City Engineers Association of Minnesota and subsequently appointed by the Commissioner of the Minnesota Department of Transportation will not have a vote in matters before the Screening Board unless they are also the duly appointed Screening Board Representative of a construction District or of a City of the first class.

**Appointment to the Needs Study Subcommittee** - June 1987 (Revised June 1993)

The Screening Board Chair will annually appoint one city engineer, who has served on the Screening Board, to serve a three year term on the Needs Study Subcommittee. The appointment will be made at the annual winter meeting of the City's Engineers Association. The appointed subcommittee person will serve as chair of the subcommittee in the third year of the appointment.

**Appointment to Unencumbered Construction Funds Subcommittee** – (Revised June 1979, May 2014)

The Screening Board past Chair will be appointed to serve a minimum three-year term on the Unencumbered Construction Fund Subcommittee. This appointment will continue to maintain an experienced group to follow a program of accomplishments. The most senior member will serve as chair of the subcommittee.

### **Appearance Screening Board** - Oct. 1962 (Revised Oct. 1982)

Any individual or delegation having items of concern regarding the study of State Aid Needs or State Aid Apportionment amounts, and wishing to have consideration given to these items, will send such request in writing to the State Aid Engineer. The State Aid Engineer with concurrence of the Chair of the Screening Board will determine which requests are to be referred to the Screening Board for their consideration. This resolution does not abrogate the right of the Screening Board to call any person or persons before the Board for discussion purposes.

### **Screening Board Meeting Dates and Locations** - June 1996

The Screening Board Chair, with the assistance of the State Aid Engineer, will determine the dates and locations for Screening Board meetings.

### **Research Account** - Oct. 1961

An annual resolution be considered for setting aside up to  $\frac{1}{2}$  of 1% of the previous years' Apportionment fund for the Research Account to continue municipal street research activity.

### **Population Apportionment** - October 1994, 1996

Beginning with calendar year 1996, the MSAS population apportionment will be determined using the latest available federal census or population estimates of the State Demographer and/or the Metropolitan Council. However, no population will be decreased below that of the latest available federal census, and no city will be dropped from the MSAS eligible list based on population estimates.

### **Improper Needs Report** - Oct. 1961

The State Aid Engineer and the District State Aid Engineer (DSAE) are requested to recommend an adjustment of the Needs reporting whenever there is a reason to believe that said reports have deviated from accepted standards and to submit their recommendations to the Screening Board, with a copy to the municipality involved, or its engineer.

### **New Cities Needs** - Oct. 1983 (Revised June 2005, May 2014)

Any new city having determined its eligible mileage, but has not submitted its Needs to the DSAE by December 1, will have its Needs based upon zero ADT assigned to the eligible mileage until the DSAE approves the traffic counts.

### **Certified Complete Cities** – May 2014 (Revised October 2014)

State Aid Operational Rule 8820.18 subp.2 allows cities to spend the population based portion of their Construction Allotment on non MSAS city streets if its MSAS system has been Certified Complete.

At the city's request, the District State Aid Engineer will review the MSAS system in that city and if the system has been completely built, may certify it complete for a period of two years.

The same proportion of a city's total allocation based on population will be used to compute the population portion of its Construction Allotment.

If a payment request for a project on the MSAS system is greater than the amount available in the Needs based account, the remainder will come from the population based account, thereby reducing the amount available for non MSAS city streets.

A city may carry over any remaining amount in its population based account from year to year. However if a payment request for a project on a non MSAS city street is greater than the amount available in the population based account, the population based account will be reduced to zero and the city will be responsible for the remaining amount.

### **Construction Needs Components** – May 2014

For Construction Needs purposes, all roadways on the MSAS system will be considered as being built to Urban standards.

All segments on the MSAS system will generate continuous Construction Needs on the following items:

Excavation/Grading

Gravel Base

Bituminous

Curb and Gutter Construction

Sidewalk Construction

Storm Sewer Construction

Street Lighting

Traffic Signals

Engineering

Structures

### **Unit Price Study**- Oct. 2006 (Revised May, 2014)

The Needs Study Subcommittee will annually review the Unit Prices for the Needs components used in the Needs Study. The Subcommittee will make its recommendation to the Municipal Screening board at its annual spring meeting.

The Unit Price Study go to a 3 year (or triennial) cycle with the Unit Prices for the two 'off years' to be set using the Engineering News Record construction cost index on all items where a Unit Price is not estimated and provided by other MnDOT offices. The Screening Board may request a Unit Price Study on individual items in the 'off years' if it is deemed necessary.

### **Unit Costs** – May 2014, (Revised January 2015, May 2015)

The quantities which the Unit Costs for Excavation/Grading, Gravel Base, and Bituminous are based upon will be determined by using the roadway cross sections and structural sections in each of the ADT groups as determined by the Municipal Screening Board and shown in the following table 'MSAS Urban ADT Groups for Needs Purposes'.

**MSAS URBAN ADT GROUPS FOR NEEDS PURPOSES**

Quantities Based on a One Mile Section

EXISTING ADT	NEEDS WIDTH	NEEDS GENERATION DATA	GRADING DEPTH (inches)	GRADING QUANTITY (cubic yards)	CLASS 5 GRAVEL BASE DEPTH (inches)	CLASS 5 GRAVEL BASE QUANTITY (Tons)	TOTAL BITUMINOUS QUANTITY (TONS)
0 EXISTING ADT & NON EXISTING	26 FOOT ROADBED WIDTH	2- 11' TRAFFIC LANES 0 PARKING LANES 2- 2' CURB REACTION	22 INCHES	11,655	6 INCHES	4,346	2,917 4 INCHES
1-499 EXISTING ADT	28' FOOT ROADBED WIDTH	2- 12' TRAFFIC LANES 0 PARKING LANES 2- 2' CURB REACTION	22 INCHES	12,496	6 INCHES	4,691	3,182 4 INCHES
500-1999 EXISTING ADT	34 FOOT ROADBED WIDTH	2- 12' TRAFFIC LANES 1- 8' PARKING LANE 1- 2' CURB REACTION	26 INCHES	17,698	10 INCHES	10,176	3,978 4 INCHES
2000-4999 EXISTING ADT	40 FOOT ROADBED WIDTH	2-12' TRAFFIC LANES 2- 8' PARKING LANE	32 INCHES	25,188	16 INCHES	19,628	4,773 4 INCHES
5000-8999 EXISTING ADT	48 FOOT ROADBED WIDTH	4-11' TRAFFIC LANES 2- 2' CURB REACTION	35 INCHES	32,795	19 INCHES	27,907	5,834 4 INCHES
9000-13,999 EXISTING ADT	54 FOOT ROADBED WIDTH	4-11' TRAFFIC LANES 1- 8' PARKING LANE 1- 2' CURB REACTION	36 INCHES	37,918	19 INCHES	31,460	8,287 5 INCHES
14,000-24,999 EXISTING ADT	62 FOOT ROADBED WIDTH	4-11' TRAFFIC LANES 1- 14' CENTER TURN 2- 2' CURB REACTION	38 INCHES	45,838	20 INCHES	38,049	11,535 6 INCHES
GT 25,000 EXISTING ADT	70 FOOT ROADBED WIDTH	6-11' TRAFFIC LANES 0 PARKING LANES 2- 2' CURB REACTION	39 INCHES	53,172	21 INCHES	44,776	13,126 6 INCHES

The quantity used for **Curb and Gutter** Construction will be determined by multiplying the segment length times two if it is an undivided roadway and by four if it is divided. This quantity will then be multiplied by the Municipal Screening Board approved Unit Price to determine the Curb and Gutter Construction Needs.

The quantity used for **Sidewalk Construction** will be determined by multiplying the segment length times 26,400 (a five foot wide sidewalk on one side of a mile of roadway) in the lower two ADT groups (less than 500 ADT) and by 52,800 (two five foot wide sidewalks on a mile of roadway) in the upper ADT groups.

This quantity will then be multiplied by the Municipal Screening Board approved Unit Price to determine the Sidewalk Construction Needs.

The Unit Cost per mile of **Storm Sewer** for the highest MSAS Urban ADT Group for Needs Purposes will be based on the average costs of all Storm Sewer Construction on the MSAS system in the previous year. To determine the Unit Cost for the highest ADT Group, average costs for Complete Storm Sewer projects and Partial Storm Sewer projects will be provided to State Aid by the MnDOT Hydraulics Office and then added together and divided by two to calculate a statewide average Unit Cost for all Storm Sewer Construction.

The Unit Cost per mile for Storm Sewer Construction will be calculated for the highest MSAS Urban ADT Group and be prorated downward for the other ADT Groups. This proration has been determined based upon an engineering study requested by the Municipal Screening Board in 2011 and will be the basis for the Needs calculations.

The Unit Cost for **Street Lighting** will be determined by multiplying the Unit Price per mile by the segment length. This Unit Cost will remain at \$100,000 per mile. The Municipal Screening Board may request a study on this item on any year if it is deemed necessary.

The Unit Cost for **Traffic Signals** will be determined by the recommendation by the SALT Program Support Engineer and approved by the MSB.

The Unit Cost for traffic signals will be based on a cost per signal leg, and for Needs purposes a signal leg will be defined as  $\frac{1}{4}$  of the signal cost.

Only signal legs on designated MSAS routes will be included in the Needs study.  
Stand-alone pedestrian crossing signals will not be included in the Needs study.

The area in square feet used for **Structure Needs** (Bridges and Box Culverts) will be determined by multiplying the centerline length of the bridge, or the culvert width of the box culvert, times the Needs Width from the appropriate MSAS Urban ADT Group. This quantity will then be multiplied by the Municipal Screening Board Unit Price to determine the Structure Needs. The Unit Price for Structures will be determined by using one-half of the approved unit cost provided by the MnDOT State Aid Bridge Office.

The Unit Cost for **Engineering** will be determined by adding together all other Unit Costs and multiplying them by the MSB approved percentage. The result is added to the other Unit Costs.

## 2017 UNIT PRICE RECOMMENDATIONS

*for the January 2018 distribution*

<b>Needs Item</b>	<b>Municipal Screening Board Approved Prices for the 2017 Distribution</b>	<b>Needs Study Subcommittee Recommended Prices for 2018 Distribution</b>	<b>Municipal Screening Board Approved Prices for the 2018 Distribution</b>
Grading (Excavation)	Cu. Yd. <u>\$7.65</u>	<u>\$7.95</u>	<u>\$7.95</u>
Aggregate Base	Ton <u>14.30</u>	<u>14.90</u>	<u>14.90</u>
All Bituminous	Ton <u>66.80</u>	<u>69.60</u>	<u>69.60</u>
Sidewalk Construction	Sq. Ft. <u>4.35</u>	<u>4.75</u>	<u>4.75</u>
Curb and Gutter Construction	Lin.Ft. <u>14.00</u>	<u>14.55</u>	<u>14.55</u>
Traffic Signals	Per Sig <u>188,700</u>	<u>195,000</u>	<u>195,000</u>
Street Lighting	Mile <u>100,000</u>	<u>100,000</u>	<u>100,000</u>
Engineering	Percent <u>22</u>	<u>22</u>	<u>22</u>
All Structures (includes both bridges and box culverts)	Sq. Ft. <u>120.00</u>	<u>90.00</u>	<u>90.00</u>
<b>Storm Sewer (based on ADT)</b>	<b>Per Mile</b>		
0 ADT & Non Existing	<u>153,600</u>	<u>156,500</u>	<u>156,500</u>
1-499	<u>156,500</u>	<u>159,500</u>	<u>159,500</u>
500-1,999	<u>165,300</u>	<u>168,400</u>	<u>168,400</u>
2,000-4,999	<u>174,000</u>	<u>177,300</u>	<u>177,300</u>
5,000-8,999	<u>185,700</u>	<u>189,200</u>	<u>189,200</u>
9,000-13,999	<u>194,500</u>	<u>198,100</u>	<u>198,100</u>
14,000-24,999	<u>206,100</u>	<u>210,000</u>	<u>210,000</u>
25,000 and over	<u>217,800</u>	<u>221,900</u>	<u>221,900</u>

### Mileage - Feb. 1959 (Revised Oct. 1994. 1998)

The maximum mileage for Municipal State Aid Street designation will be 20 percent of the municipality's basic mileage - which is comprised of the total improved mileage of local streets, county roads and county road turnbacks.

Nov. 1965 – (Revised 1969, October 1993, October 1994, June 1996, October 1998, May 2014)

That the maximum mileage for State Aid designation may be exceeded to designate trunk highway turnbacks released to the Municipality after July 1, 1965.

The maximum mileage for State Aid designation may also be exceeded to designate both County Road and County State Aid Highways released to the Municipality after May 11<sup>th</sup>, 1994.

Nov. 1965 (Revised 1972, Oct. 1993, 1995, 1998)

The maximum mileage for Municipal State Aid Street designation will be based on the Annual Certification of Mileage current as of December 31st of the preceding year. Submittal of a supplementary certification during the year will not be permitted. Frontage roads not designated Trunk Highway, Trunk Highway Turnback or County State Aid Highways will be considered in the computation of the basic street mileage. The total mileage of local streets, county roads and county road turnbacks on corporate limits will be included in the municipality's basic street mileage. Any State Aid Street that is on the boundary of two adjoining urban municipalities will be considered as one-half mileage for each municipality.

All mileage on the MSAS system will accrue Needs in accordance with current rules and resolutions.

Oct. 1961 (Revised May 1980, Oct. 1982, Oct. 1983, June 1993, June 2003)

All requests for revisions to the Municipal State Aid System must be received by the District State Aid Engineer by March first to be included in that years Needs Study. If a system revision has been requested, a City Council resolution approving the system revisions and the Needs Study reporting data must be received by May first, to be included in the current year's Needs Study. If no system revisions are requested, the District State Aid Engineer must receive the Normal Needs Updates by March 31<sup>st</sup> to be included in that years' Needs Study.

**One Way Street Mileage** - June 1983 (Revised Oct. 1984, Oct. 1993, June 1994, Oct. 1997)

Any one-way streets added to the Municipal State Aid Street system must be reviewed by the Needs Study Sub-Committee, and approved by the Screening Board before any one-way street can be treated as one-half mileage in the Needs Study.

All Municipal Screening Board approved one-way streets be treated as one-half of the mileage and allow one-half complete Needs. When Trunk Highway or County Highway Turnback is used as part of a one-way pair, mileage for certification shall only be included as Trunk Highway or County Turnback mileage and not as approved one-way mileage.

### **Needs Adjustments**

#### **Phase In (Restriction) May 2014**

The method of computing Needs is to be phased in over a period of seven years. This seven year period will begin with the January 2015 allocation and go through the January 2021 allocation.

The phase in will be reviewed annually by the Municipal Screening Board to determine if the Phase In period should be revised.

During the seven year period the phase in is being applied, a city's Restricted Needs will be computed using the following steps:

- 1) Compare the current years Unadjusted Needs to the previous years Restricted Needs. In the first year of the phase in, the current years Unadjusted Needs will be compared to the previous years Unadjusted Needs.
- 2) Compute the Statewide Average Percent of Change between the two totals.
- 3) Determine each individual city's Percent of Change between last years Restricted Needs
- 4) and this years Unadjusted Needs.
- 5) If an individual city's Percent of Change is greater than 5 Percentage Points less than the Statewide Average Percent of Change, increase this year's Unadjusted Needs to 5 Percentage Points less than the Statewide Average Percent of Change.
- 6) If an individual city's Percent of Change is greater than 10 Percentage Points more than the Statewide Average Percent of Change, decrease this year's Unadjusted Needs to 10 Percentage Points more than the Statewide Average Percent of Change.
- 7) If an individual city's Percent of Change is between 5 Percentage Points less and 10 Percentage Points more than the Statewide Average Percent of Change, no restriction is made and the current year's Unadjusted Needs will be used as its Restricted Needs.

All Needs adjustments will be applied to the city's Restricted Needs.

In the event that an MSAS route earning "After the Fact" Needs is removed from the MSAS system, the "After the Fact" Needs will then be removed from the Needs Study, except if transferred to another state system. No adjustment will be required on Needs earned prior to the revocation.

**Excess Unencumbered Construction Fund Balance Adjustment** – Oct. 2002, (Revised Jan. 2010, May 2014)

State Aid Payment Requests received before December 1st by the District State Aid Engineer for payment will be considered as being encumbered and the construction balances will be so adjusted.

The December 31 construction fund balance will be compared to the annual construction allotment from January of the same year.

If the December 31 construction fund balance exceeds 3 times the January construction allotment and \$1,500,000, the negative adjustment to the Needs will be 1 times the December 31 construction fund balance. In each consecutive year the December 31 construction fund balance exceeds 3 times the January construction allotment and \$1,500,000, the negative adjustment to the Needs will be increased to 2, 3, 4, etc. times the December 31 construction fund balance until such time the Construction Needs are adjusted to zero.

If the December 31 construction fund balance drops below 3 times the January construction allotment and subsequently increases to over 3 times, the multipliers will start over with one.

**Low Balance Incentive** – Oct. 2003 (Revised May, 2014)

The amount of the Excess Unencumbered Construction Fund Balance Adjustment will be redistributed as a positive adjustment to the Construction Needs of all municipalities whose December 31<sup>st</sup> construction fund balance is less than 1 times their January construction allotment of the same year. This redistribution will be based on a city's prorated share of its Unadjusted Construction Needs to the total Unadjusted Construction Needs of all participating

cities times the total Excess Balance Adjustment.

### **After the Fact Right of Way Adjustment** - Oct. 1965 (Revised June 1986, 2000, May 2014)

Right of Way Needs will not be included in the Needs calculations until the right of way is acquired and the actual cost established. At that time a Construction Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15-year period. Only right of way acquisition costs that are eligible for State-Aid funding will be included in the right-of-way Construction Needs adjustment. This Directive is to exclude all Federal or State grants.

When "After the Fact" Needs are requested for right-of-way projects that have been funded with local funds, but qualify for State Aid reimbursement, documentation (copies of warrants and description of acquisition) must be submitted to the District State Aid Engineer. The City Engineer will input the data into the Needs Update program and the data will be approved by the DSAE.

### **After the Fact Railroad Bridge over MSAS Route Adjustment** – May 2014

#### **RR Bridge over MSAS Route Rehabilitation**

Any structure that has been rehabilitated (Minnesota Administrative Rules, CHAPTER 8820, 8820.0200 DEFINITIONS, Subp. 8. Bridge rehabilitation) will not be included in the Needs calculations until the rehabilitation project has been completed and the actual cost established. At that time a Construction Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15-year period. Only State Aid eligible items are allowed to be included in this adjustment and all structure rehabilitation Needs adjustments must be input by the city and approved by the DSAE.

#### **RR Bridge over MSAS Route Construction/Reconstruction**

Any structure that has been constructed/reconstructed (Minnesota Administrative Rules, CHAPTER 8820, 8820.0200 DEFINITIONS, Subp. 31. Reconstruction) will not be included in the Needs calculations until the project has been completed and the actual cost established. At that time a Construction Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 35-year period. Only State Aid eligible items are allowed to be included in this adjustment and all structure construction/reconstruction Needs adjustments must be input by the city and approved by the District State Aid Engineer.

### **After the Fact Railroad Crossing Adjustment**

Any Railroad Crossing improvements will not be included in the Needs Calculations until the project has been completed and the actual cost established. At that time a Construction Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) to the annual Construction Needs for a 15 year period. Only State Aid eligible items are allowed to be included in this adjustment, and all Railroad Crossing Needs adjustments must be input by the city and approved by the District State Aid Engineer.

### **Excess Maintenance Account – June 2006**

Any city which requests an annual Maintenance Allocation of more than 35% of their Total Allocation, is granted a variance by the Variance Committee, and subsequently receives the increased Maintenance Allocation will receive a negative Needs adjustment equal to the amount of money over and above the 35% amount transferred from the city's Construction Account to its Maintenance Account. The Needs adjustment will be calculated for an accumulative period of twenty years, and applied as a single one-year (one time) deduction each year the city receives the maintenance allocation.

### **After the Fact Retaining Wall Adjustment Oct. 2006 (Revised May 2014)**

Retaining wall Needs will not be included in the Needs study until such time that the retaining wall has been constructed and the actual cost established. At that time a Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15 year period. Documentation of the construction of the retaining wall, including eligible costs, must be submitted to your District State Aid Engineer by July 1 to be included in that years Needs study. After the Fact needs on retaining walls will begin effective for all projects awarded after January 1, 2006. All Retaining Wall adjustments must be input by the city and approved by the District State Aid Engineer.

### **Trunk Highway Turnback - Oct. 1967 (Revised June 1989, May 2014)**

Any trunk highway turnback which reverts directly to the municipality and becomes part of the Municipal State Aid Street system will not have its Construction Needs considered in the Construction Needs apportionment determination as long as the former trunk highway is fully eligible for 100 percent construction payment from the Municipal Turnback Account. During this time of eligibility, financial aid for the additional maintenance obligation, to the municipality imposed by the turnback will be computed on the basis of the current year's apportionment data and will be accomplished in the following manner.

The initial turnback maintenance adjustment when for less than 12 full months will provide partial maintenance cost reimbursement by adding said initial adjustment to the Construction Needs which will produce approximately 1/12 of \$7,200 per mile in apportionment funds for each month or part of a month that the municipality had maintenance responsibility during the initial year.

To provide an advance payment for the coming year's additional maintenance obligation, a Needs adjustment per mile will be added to the annual Construction Needs. This Needs adjustment per mile will produce sufficient apportionment funds so that at least \$7,200 in apportionment will be earned for each mile of trunk highway turnback on Municipal State Aid Street System.

Trunk Highway Turnback adjustments will terminate at the end of the calendar year during which a construction contract has been awarded that fulfills the Municipal Turnback Account Payment provisions.

## **TRAFFIC** - June 1971 (Revised May 2014)

Beginning in 1965 and for all future Municipal State Aid Street Needs Studies, the Needs Study procedure will utilize traffic data developed according the Traffic Forecasting and Analysis web site at <http://www.dot.state.mn.us/traffic/data/coll-methods.html#TCS>

## **Traffic Counting** - Sept. 1973 (Revised June 1987, 1997, 1999, Oct. 2014)

Traffic data for State Aid Needs Studies will be developed as follows:

- 1) The municipalities in the metropolitan area cooperate with the State by agreeing to participate in counting traffic every two or four years at the discretion of the city.
- 2) The cities in the outstate area may have their traffic counted and maps prepared by State forces every four years, or may elect to continue the present procedure of taking their own counts and have state forces prepare the maps.
- 3) Any city may count traffic with their own forces every two years at their discretion and expense, unless the municipality has made arrangements with the Mn/DOT district to do the count.
- 4) On new MSAS routes, the ADT will be determined by the City with the concurrence of the District State Aid Engineer until such time the roadway is counted in the standard MnDOT count rotation.

# 2017 Item By Item Tabulation Of Needs

CITY NUMBER	MUNICIPALITY	GRADING / EXCAVATION	STORM SEWER	GRAVEL BASE	BITUMINOUS SURFACE	CURB & GUTTER	SIDEWALK	SIGNS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL NEEDS	MILEAGE	COST PER MILE	MUNICIPALITY	
101	ALBERT LEA	\$4,503,756	\$4,268,078	\$6,145,910	\$7,882,648	\$5,931,847	\$5,953,992	\$1,121,250	\$2,431,000	\$2,062,980	\$8,426,322	\$46,727,783	24.31	\$1,922,163	ALBERT LEA	
242	ALBERTVILLE	1,432,262	1,322,284	2,017,030	2,437,316	1,198,453	1,883,508	97,500	751,000	0	2,450,657	13,590,010	7.51	1,809,589	ALBERTVILLE	
102	ALEXANDRIA	6,531,296	5,904,203	9,241,850	5,134,797	6,118,852	5,234,132	1,170,000	3,329,000	67,320	11,223,296	62,323,760	33.29	1,869,413	ALEXANDRIA	
198	ANDOVER	6,177,683	7,272,249	7,042,474	11,786,333	6,998,664	8,331,576	926,250	4,348,000	494,460	11,743,089	65,120,778	43.48	1,497,718	ANDOVER	
103	ANOKA	2,719,414	2,687,458	3,494,476	5,197,494	2,462,974	3,540,412	828,750	1,542,000	2,413,980	5,476,512	30,369,788	15.42	1,969,508	ANOKA	
104	APPALACHIAN VALLEY	8,826,242	8,087,873	10,200,262	8,087,873	8,087,873	8,087,873	5,835,200	8,087,873	0	1,640,000	7,680,000	32.33	2,146,265	APPALACHIAN VALLEY	
187	ARDEN HILLS	1,121,224	1,269,782	3,131,454	2,095,542	1,808,016	1,598,859	195,000	753,000	70,380	1,311,355	11,170,603	7.53	1,557,849	ARDEN HILLS	
104	AUSTIN	5,703,108	5,321,913	7,826,471	10,211,630	4,838,380	7,264,427	2,525,000	3,021,000	5,543,640	11,483,016	63,678,547	30.21	2,107,863	AUSTIN	
230	BAXTER	3,341,029	3,031,219	4,687,428	5,873,167	2,792,930	3,970,164	438,750	1,712,000	0	5,687,471	31,539,595	17.12	1,842,266	BAXTER	
239	BELLE PLAINE	1,513,250	1,539,953	1,987,144	2,681,675	1,375,151	2,018,940	0	895,000	959,774	2,855,596	15,824,483	8.95	1,768,099	BELLE PLAINE	
105	BEMIDJI	3,587,544	3,312,088	4,934,949	6,359,287	2,876,292	4,557,036	1,072,500	1,872,000	1,894,140	6,702,484	37,168,320	18.72	1,985,487	BEMIDJI	
232	BIG LAKE	1,666,463	1,934,739	1,897,992	1,887,700	1,763,880	2,612,082	97,500	1,148,000	0	3,147,840	17,456,205	11.48	1,520,575	BIG LAKE	
106	BLAINE	10,031,234	8,953,570	14,253,342	17,310,499	9,374,064	11,600,754	2,583,750	5,036,000	730,980	17,472,328	97,446,421	50.36	1,934,999	BLAINE	
107	BLOOMINGTON	18,020,811	14,088,168	26,894,267	32,339,156	14,916,159	18,934,146	10,993,125	7,612,000	3,150,360	32,328,609	179,270,609	22.76	2,355,187	BLOOMINGTON	
108	BRAINERD	3,416,238	3,341,029	4,653,271	6,155,566	3,094,074	4,454,208	877,500	1,916,000	3,613,680	6,906,232	38,298,195	19.16	1,998,862	BRAINERD	
109	BROOKLYN CENTER	4,555,188	3,857,643	6,631,001	7,818,876	3,867,319	5,320,722	2,023,125	2,134,000	1,443,600	8,283,320	45,934,764	21.34	2,152,519	BROOKLYN CENTER	
110	BROOKLYN PARK	12,689,652	10,916,131	18,480,711	21,435,561	10,096,210	15,190,956	4,418,175	1,071,000	149,760	21,875,771	121,111,115	60.72	1,998,206	BROOKLYN PARK	
213	BUFFALO	3,245,649	3,245,649	5,245,649	5,245,649	4,322,000	4,322,000	4,250,000	4,250,000	0	5,687,445	100,181,000	44.77	2,237,684	BUFFALO	
179	BURNVILLE	10,440,824	8,284,234	15,523,808	16,694,339	8,472,322	11,613,216	5,021,250	4,477,000	0	3,213,620	12,834,526	7.59	1,680,661	BURNVILLE	
249	BYRON	1,287,371	1,313,278	1,655,270	2,010,680	1,234,576	1,903,372	389,000	389,000	0	1,065,445	100,181,000	44.77	2,237,684	BYRON	
218	CAMBRIDGE	3,240,575	2,991,202	4,512,867	5,558,245	2,621,236	4,136,946	731,250	1,693,000	1,808,640	6,004,670	32,988,631	16.93	1,966,842	CAMBRIDGE	
193	CHAMPLIN	3,545,629	5,141,551	6,781,017	7,301,380	4,740,120	1,121,250	2,007,000	796,334	7,034,776	39,011,045	20.07	1,947,749	CHAMPLIN		
194	CHANHASSEN	4,652,038	4,060,304	6,763,770	7,000,993	3,851,958	5,656,794	1,486,875	2,276,000	975,600	8,277,352	45,901,684	22.76	2,016,770	CHANHASSEN	
196	CHASKA	3,929,263	3,678,340	5,445,731	6,181,999	3,272,311	4,896,870	999,375	2,095,000	1,764,720	7,237,684	40,136,293	19.95	1,915,814	CHASKA	
252	CHISAGO CITY	1,279,958	1,441,696	1,528,514	1,286,380	1,312,153	1,765,632	97,500	854,000	0	2,346,483	13,012,316	8.54	1,523,690	CHISAGO CITY	
111	CHISHOLM	1,225,594	1,421,317	1,382,609	2,359,974	1,292,178	2,051,544	243,750	841,000	47,880	1,256,528	13,256,328	8.41	1,576,258	CHISHOLM	
244	CIRCLE PINES	516,661	605,160	584,774	990,038	559,278	816,354	195,000	360,000	0	1,019,798	5,645,263	3.60	1,568,129	CIRCLE PINES	
112	CLOQUET	3,557,515	3,876,009	4,337,480	6,377,422	3,575,385	5,102,526	780,000	2,275,000	612,000	6,752,534	37,445,871	22.75	1,645,972	CLOQUET	
113	COLUMBIA HEIGHTS	2,176,272	2,806,241	3,971,583	4,296,743	2,962,743	3,074,676	487,500	1,872,000	0	3,299,068	21,788,480	12.50	1,743,078	COLUMBIA HEIGHTS	
114	CORCORAN	9,064,041	7,086,242	13,628,262	16,784,262	7,086,242	10,000,000	3,850,000	3,230,000	3,780,000	14,000,000	90,530,390	43.23	2,190,500	CORCORAN	
215	CORCORAN	1,737,236	2,516,180	1,141,173	3,034,124	2,380,152	2,454,078	1,553,000	974,380	2,367,684	19,451,163	16.93	1,966,842	CORCORAN		
180	COTTAGE GROVE	6,792,112	6,245,418	9,312,372	12,305,683	6,362,561	8,179,842	1,267,500	3,531,000	11,947,656	66,255,184	35.31	1,876,386	COTTAGE GROVE		
115	CROOKSTON	1,903,260	1,996,687	2,454,799	3,495,751	1,779,237	2,827,770	243,750	1,158,000	3,837,600	4,399,241	24,063,095	11.58	2,077,987	CROOKSTON	
116	CRYSTAL	2,745,550	2,980,221	3,233,608	5,141,199	2,801,003	4,115,628	635,750	1,747,000	0	5,209,148	28,887,107	17.47	1,653,526	CRYSTAL	
229	DAYTON	1,288,188	1,743,607	2,334,587	2,661,566	1,740,833	2,855,856	97,500	1,062,000	0	2,506,909	14,401,046	10.62	1,356,031	DAYTON	
247	DELANO	918,736	1,047,697	1,075,964	1,731,219	954,156	1,317,954	195,000	691,000	0	1,884,167	10,434,575	6.21	1,680,286	DELANO	
117	DETROIT LAKES	4,312,441	4,268,963	6,661,950	7,748,534	3,767,448	6,056,820	877,500	2,452,000	746,640	7,896,307	43,788,603	24.52	1,783,832	DETROIT LAKES	
118	DULUTH	23,421,707	20,813,922	33,075,526	41,321,024	18,396,267	28,517,214	15,746,250	1,167,000	916,406	44,457,500	246,536,766	116.71	2,112,388	DULUTH	
195	EAGAN	11,131,471	8,974,921	16,672,703	18,870,935	8,257,049	12,057,210	2,730,000	4,903,000	1,520,640	18,725,951	103,843,880	49.03	2,117,966	EAGAN	
203	EAST BETHEL	3,321,786	4,688,294	2,997,904	4,431,205	5,066,160	0	2,884,000	30,600	6,673,016	37,004,922	28.84	1,283,111	EAST BETHEL		
119	EAST GRAND FORKS	2,917,219	2,941,847	3,775,333	5,219,524	2,610,481	3,841,002	585,000	1,699,000	6,088,680	6,551,260	36,339,272	16.99	2,138,281	EAST GRAND FORKS	
180	EAST PRAIRIE	1,184,205	1,082,465	1,628,169	2,082,465	1,082,465	1,484,275	4,405,000	1,640,000	1,023,300	1,620,300	95,300,390	5.40	1,840,589	EAST PRAIRIE	
120	EDINA	4,435,663	4,060,304	6,245,418	6,245,418	4,020,481	6,245,418	1,245,000	4,085,000	5,702,780	1,924,724	93,885,254	40.05	2,297,558	EDINA	
204	ELK RIVER	1,393,707	1,727,807	2,037,556	2,209,605	1,230,216	1,920,216	4,165,000	2,080,000	1,324,878	2,142,701	12,760,447	18.65	1,735,529	ELK RIVER	
133	FAIRMONT	3,782,418	3,532,884	4,308,012	4,708,217	3,479,012	4,708,217	1,260,000	2,047,000	1,194,163	2,047,000	10,405,220	18.47	1,840,179	FAIRMONT	
141	FALCON HEIGHTS	5,002,000	4,741,200	6,217,000	7,047,200	5,002,000	6,217,000	1,200,000	2,047,000	1,194,163	2,047,000	10,405,220	18.47	1,840,179	FALCON HEIGHTS	
142	FARIBAULT	4,905,391	4,306,617	7,081,217	8,281,230	4,379,012	8,281,230	1,261,588	0	1,261,588	0	1,261,588	1,261,588	5.40	1,261,588	FARIBAULT
212	FARMINGTON	2,895,353	2,884,161	5,081,293	5,081,293	4,268,570	4,268,570	1,200,000	487,500	1,699,000	6,070,440	32,233,370	26.32	1,726,705	FARMINGTON	
126	FERGUS FALLS	5,328,141	4,686,395	7,552,423	9,377,353	4,211,484	6,395,400	1,803,750	1,218,000	1,218,000	0	1,218,000	10,389,215	22.61	2,200,647	FERGUS FALLS
204	FOREST LAKE	5,043,209	5,779,951	3,452,567	3,522,373	5,031,494	4,701,500	1,200,000	2,119,000	2,119,000	0	2,119,000	12,787,021	16.69	1,735,529	FOREST LAKE
134	INTERNATIONAL FALLS	1,040,178	1,339,045	1,038,931	2,102,463	1,241,469	1,695,408	292,500	1,135,000	80,546	3,230,586	10,060,577	11.35	1,443,162	INTERNATIONAL FALLS	

# 2017 Mileage Report

CITY NUMBER	MUNICIPALITY	TOTAL LENGTH OUTSIDE THE CITY LIMITS	TOTAL NEEDS LENGTH CODED AS COMMON BOUNDARY DESIGN.	TOTAL NEEDS LENGTH OF MSB APPROVED ONE WAY MILEAGE	TOTAL LENGTH OF THTB ELIGIBLE FOR THTB FUNDING	TRUNK HIGHWAY TURNBACK	CSAH TURNBACK	COUNTY ROAD TURNBACK	TRUNK HIGHWAY TURNBACK	IMPROVED NEEDS MILEAGE	UNIMPROVED NEEDS MILEAGE	NON-EXISTING NEEDS MILEAGE	TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH	MUNICIPALITY		
		(Non Eligible for THTB funding)															
101	ALBERT LEA			1.00	0.28	0.90	1.00	2.37	24.51	24.31	23.31	23.31	24.31	24.31	ALBERT LEA		
242	ALBERTVILLE	0.90			0.60	4.80	7.06	0.60	33.29		7.51	7.51	7.51	7.51	ALBERTVILLE		
102	ALEXANDRIA	0.04	1.71		1.07		1.80	33.54	9.98	33.29	33.29	33.29	33.29	33.29	ALEXANDRIA		
103	ANOKA				0.82		1.07	15.42		43.48	43.48	43.48	43.48	43.48	ANOKA		
186	APPLAVALLEY				0.82		1.78	0.24	35.09	2.24	37.43	37.43	37.43	37.43	37.43	APPLAVALLEY	
107	ARBORELLILLS	0.13			4.72		4.72	29.88	0.33	0.61	7.53	7.53	7.53	7.53	7.53	ARBORELLILLS	
104	AUSTIN				1.78		1.00	4.48	60.43	15.42	17.12	17.12	17.12	17.12	AUSTIN		
230	BAXTER				4.48		4.48	1.00	16.22	0.90	21.34	21.34	21.34	21.34	21.34	BAXTER	
239	BELLE PLAINE				1.16		1.46	8.43		0.52	60.71	60.71	60.71	60.71	60.71	BELLE PLAINE	
105	BEMIDJI				1.46		1.46	18.72			18.72	18.72	18.72	18.72	18.72	BEMIDJI	
232	BIG LAKE							11.30	0.18		11.48	11.48	11.48	11.48	11.48	BIG LAKE	
106	BIGLAKE	0.17					2.37		43.96	4.41	50.56	50.56	50.56	50.56	50.56	BIGLAKE	
107	BLOOMINGTON	0.65			1.54	0.58	1.54	76.12			76.12	76.12	76.12	76.12	76.12	BLOOMINGTON	
108	BRAINERD				2.48		2.48	18.33	0.83	19.16	19.16	19.16	19.16	19.16	BRAINERD		
109	BROOKLYN CENTER	0.94			0.52		0.52	21.34		22.76	22.76	22.76	22.76	22.76	BROOKLYN CENTER		
110	BROOKLYN PARK	2.87			4.48		4.48	12.50	0.28	60.71	60.71	60.71	60.71	60.71	BROOKLYN PARK		
213	BUFFALO	0.09			1.16		1.46	17.33		17.24	17.33	17.33	17.33	17.33	BUFFALO		
179	BURNSVILLE							44.77			44.77	44.77	44.77	44.77	44.77	BURNSVILLE	
204	CAMBRIDGE						1.99		2.59			2.59	2.59	2.59	2.59	2.59	CAMBRIDGE
218	CAMBRIDGE				3.83	1.20	0.49	16.68	0.25	16.93	16.93	16.93	16.93	16.93	CAMBRIDGE		
193	CHAMPLIN	2.06			0.70	0.14	0.70	19.77	0.30	20.07	20.07	20.07	20.07	20.07	CHAMPLIN		
194	CHANHASSEN	0.30			0.60		0.60	22.35	0.41	22.76	22.76	22.76	22.76	22.76	CHANHASSEN		
196	CHASKA	0.11					2.40	19.71	1.24	20.95	20.95	20.95	20.95	20.95	CHASKA		
252	CHISAGO CITY							8.54			8.54	8.54	8.54	8.54	8.54	CHISAGO CITY	
111	CHISHOLM				0.72		0.72	8.32	0.09	8.41	8.41	8.41	8.41	8.41	CHISHOLM		
114	COON RAPIDS	0.64			1.44	0.75	1.44	43.23		43.23	43.23	43.23	43.23	43.23	COON RAPIDS		
215	CORCORAN	0.51					1.25	28.83	1.09	35.31	35.31	35.31	35.31	35.31	CORCORAN		
115	CROOKSTON				1.58		1.58	11.58		17.47	17.47	17.47	17.47	17.47	CROOKSTON		
116	CROTON	1.72						17.47		10.62	10.62	10.62	10.62	10.62	CROTON		
229	DAYTON				2.11	5.57	3.28	2.11	9.60	1.02	22.90	22.90	22.90	22.90	22.90	DAYTON	
247	DELANO				2.11	5.57	3.28	2.11	6.21	6.21	24.52	24.52	24.52	24.52	24.52	DELANO	
117	DETROIT LAKES				2.11	5.57	3.28	2.11	24.52		20.12	20.12	20.12	20.12	20.12	DETROIT LAKES	
118	DULUTH				28.00	0.06	28.00	116.71			116.71	116.71	116.71	116.71	116.71	DULUTH	
195	EAGAN	0.42			0.37		0.25	47.98	1.05	49.03	49.03	49.03	49.03	49.03	EAGAN		
203	EAST BETHEL	2.16						23.67	5.17	28.84	28.84	28.84	28.84	28.84	EAST BETHEL		
119	EAST GRAND FORKS				2.27	4.16	2.27	16.99		16.99	16.99	16.99	16.99	16.99	EAST GRAND FORKS		
181	EDEN PRAIRIE	0.78			2.14		2.14	48.54		48.54	48.54	48.54	48.54	48.54	EDEN PRAIRIE		
120	EDINA	1.02						40.85		40.85					EDINA		
204	ELK RIVER	0.40			1.24	0.25	3.61	1.24	36.94	1.33	38.27	38.27	38.27	38.27	38.27	ELK RIVER	
123	FARMONT				5.87		5.87	20.01	0.11	20.12						FARMONT	
124	FALCON HEIGHTS	0.88					0.50	0.25		3.29						FALCON HEIGHTS	
125	FARMING	0.32					0.77		24.39		24.07	24.07	24.07	24.07	24.07	FARMING	
212	FARMINGTON						0.24		12.56	4.03	16.69	16.69	16.69	16.69	16.69	FARMINGTON	
126	FERGUS FALLS				8.03		8.03	26.18			26.18	26.18	26.18	26.18	26.18	FERGUS FALLS	
214	FOREST LAKE						8.51	32.97		33.83						FOREST LAKE	
127	FRIDLEY	0.61					3.57		22.90		22.90	22.90	22.90	22.90	22.90	FRIDLEY	
226	GLENCOE						0.74		8.25	0.14	8.39	8.39	8.39	8.39	8.39	GLENCOE	
128	GOLDEN VALLEY							23.74		23.74						GOLDEN VALLEY	
129	GRAND BENDS						7.07		25.68	0.64	26.52	26.52	26.52	26.52	26.52	GRAND BENDS	
197	HAM LAKE	1.64					0.97		26.13	2.52	5.08	33.73	33.73	33.73	33.73	33.73	HAM LAKE
130	HASTINGS						2.46		22.61			22.61	22.61	22.61	22.61	22.61	HASTINGS
202	HERMANSTOWN						0.24		18.57	0.08	18.65	18.65	18.65	18.65	18.65	HERMANSTOWN	
131	HIBBING				5.11		5.11	9.92		0.69	54.19	54.19	54.19	54.19	54.19	HIBBING	
132	HOPKINS	0.44					0.35		20.96	0.07	9.99	9.99	9.99	9.99	9.99	HOPKINS	
224	HUGO	0.34					0.21		19.52		21.19	21.19	21.19	21.19	21.19	HUGO	
133	HUTCHINSON				0.21	2.77	3.03	0.21		19.52	19.52	19.52	19.52	19.52	HUTCHINSON		
134	INTERNATIONAL FALLS						3.57	1.08	33.95	0.76	34.71	34.71	34.71	34.71	34.71	INTERNATIONAL FALLS	
178	INVER GROVE HEIGHTS	0.32					1.00		12.86	0.06	6.89	6.89	6.89	6.89	6.89	INVER GROVE HEIGHTS	
245	ISANTI						0.63		6.06		6.08	6.08	6.08	6.08	6.08	ISANTI	
246	JORDAN						0.03		6.03	0.14	6.30	6.30	6.30	6.30	6.30	JORDAN	
240	KASSON						5.84		5.84		5.84	5.84	5.84	5.84	5.84	KASSON	
222	KRISTEN CRESCENT						0.44		8.39		8.39	8.39	8.39	8.39	8.39	KRISTEN CRESCENT	
144	LAKESIDE				2.10	2.99	7.49	2.99	50.11		48.01	48.01	48.01	48.01	48.01	LAKESIDE	
109	MORRIS						1.80		9.18		9.18	9.18	9.18	9.18	9.18	MORRIS	
145	MOUND							7.71	0.23	7.94	7.94	7.94	7.94	7.94	MOUND		
146	MOUNDS VIEW	0.24					1.23	2.10	10.86		10.86	10.86	10.86	10.86	10.86	MOUNDS VIEW	
147	NEW BRIGHTON	0.38					0.73	0.38	12.98		15.27	15.27	15.27	15.27	15.27	NEW BRIGHTON	
182	NEW HOPE	1.53					2.02	0.33		9.43						NEW HOPE	
237	NEW PRAGUE						0.58		18.01		18.01	18.01	18.01	18.01	18.01	NEW PRAGUE	
148	NEW TURB						0.70	4.52	21.04	0.63	21.04	21.04	21.04	21.04	21.04	NEW TURB	
150	NORTH MANKATO				1.79	0.22	1.79	15.77		15.77	15.77	15.77	15.77	15.77	NORTH MANKATO		
151	NORTH ST PAUL	1.25					2.73		11.22	0.12	11.34	11.34	11.34	11.34	11.34	NORTH ST PAUL	
149	NORTHPFIELD						0.80	1.29	16.53	0.53	17.06	17.06	17.06	17.06	17.06	NORTHPFIELD	
223	OAK GROVE	1.97						1.55		23.32	2.41	25.73	25.73	25.73	25.73	25.73	OAK GROVE
185	OAKDALE	0.04					0.60		19.39		19.39	19.39	19.39	19.39	19.39	OAKDALE	
155	PLYMOUTH	1.51					1.76		65.31		65.31	65.31	65.31	65.31	65.31	PLYMOUTH	
201	PRIOR LAKE	0.21	0.23				1.20	0.61	20.26	1.58	21.63	21.63	21.63	21.63	21.63	PRIOR LAKE	
199	RAMSEY	0.40					1.99		32.36	5.50	37.86	37.86	37.86	37.86	37.86	RAMSEY	
156	RED WING						0.50		24.26	0.61	24.87	24.87	24.87	24.87	24.87	RED WING	
200	REDWOOD PARK						2.02	0.33		9.43	0.59	10.67	10.67	10.67	10.67	10.67	REDWOOD PARK
157	RICHFIELD							1.00		24.67	0.67	24.67	24.67	2			