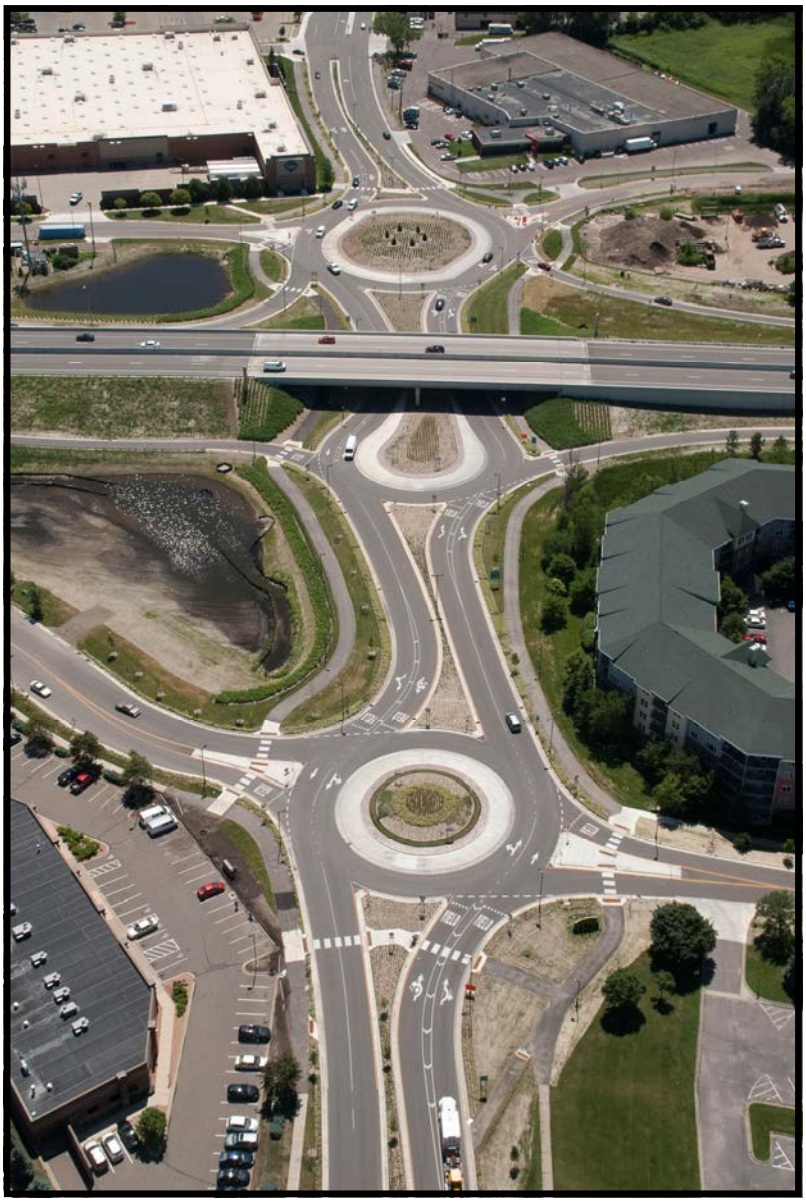
2016
Municipal State Aid Street Needs Report



Louisiana Avenue Project

City of St. Louis Park, MN

OCTOBER 2016

Louisiana Avenue Project Description

Louisiana Avenue is the most traveled north–south route in St. Louis Park carrying approximately 20,000 vehicles per day. The reason for a limited number of north–south routes is due to the railroads which carved out corridors and limited the availability for people wanting to travel north-south. Before the project, the at-grade intersection had issues related to safety and delay. The newly constructed grade separated interchange is a tight diamond with 3 roundabouts. The project enhanced the pedestrian/bicycle facilities along Louisiana Avenue which will helps connect residents to the future Louisiana Avenue Light Rail Station. This project has increased safety and will spur economic development in an area which is currently industrial in nature.

A look at the detail on the side of the bridge. This intersection also included a lot of plantings to make it aesthetically pleasing. This view also shows the trail which helps pedestrians and bicyclists navigate along Louisiana Ave and under Hwy 7.

The City hired artists Myklebust and Sears (who have completed art in other areas of the City) to come up with a design for the side of the bridge. The artists decided to use a Bundt pan to stamp out a pattern. St. Louis Park is home to Nordicware: the company that invented the Bundt pan. This pattern is replicated in the brick pattern under the bridge and lit up by LED lighting at night which changes color. The pattern on the center pier is also the pattern stamped using the Bundt pan. To make the forms the artists hand-carved large pieces of wood to get the relief in the concrete.

The artists created a sculpture out of stainless steel and cut patterns in the stainless to allow light to come through. The sculpture is lit at night and can be easily seen on both Highway 7 and Louisana Avenue. The city has the ability to change the color of the lights on holidays or for special events.

MSAS CALENDAR

January
- Highway User Tax Distribution Fund
- Send Finance allotments

February
- CEAM Conf.
- **NEEDS RESET**
  1) Back up current Needs
  2) Reset
  3) Notify cities to begin updating
- January 15th deadline for Annual Certification of Mileage
- January book (on line)

March
- Request Storm Sewer letter/ Bridge Data
- March 1st Deadline for System Revision Requests
- Notify DSAE's to schedule prescreening meetings
- Start preparing Spring book

April
- Prepare NSS book
- March 31st Deadline for Needs Updates without any System Revision Requests
- NSS meeting

May
- Mail out Spring Books
- May 1st HARD deadline for system revisions, CC resolutions & Needs Updates.
- SPRING PRESCREENING BOARD MEETINGS

June
- Spring Screening Board Mtg

July

August
- Start preparing Fall book
- Notify DSAE's to schedule prescreening meetings
- Request Pop. Estimates

September

October
- FALL PRESCREENING BOARD MEETINGS
- Mail out Fall books

November
- Notify cities for Maintenance requests
- Fall Screening Board Mtg

December
- Notify cities to update certs.
- December 15th Maintenance Requests Due

Review certification Forms

Unit Price Study

Traffic Updates

Review Needs

City tasks

State Aid tasks

Ongoing Processes

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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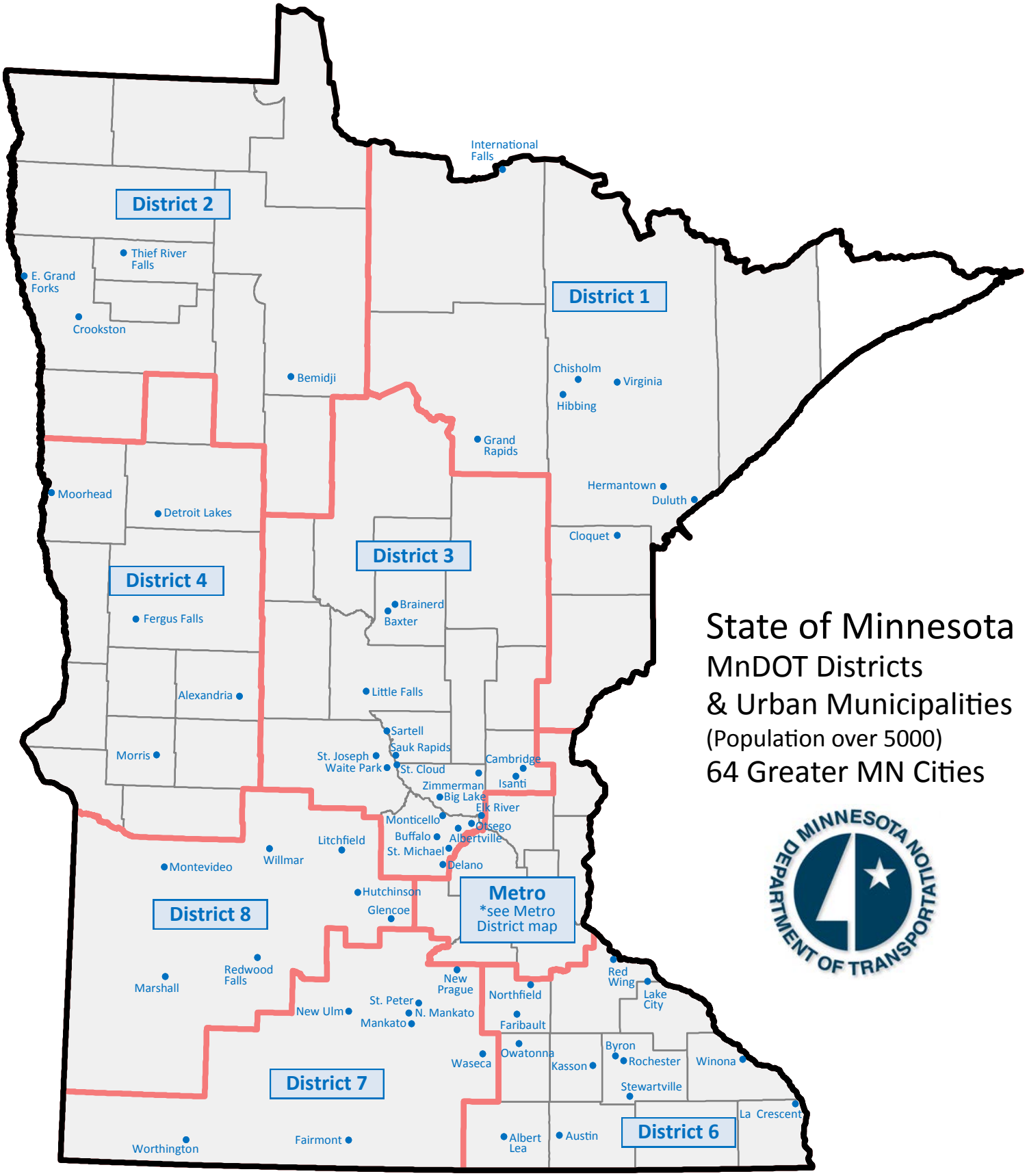
State of Minnesota
Metro District
& Urban Municipalities
(Population over 5000)

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

Updated 1/8/14

2016 MUNICIPAL SCREENING BOARD

08-Sep-16

Officers

Chair	Jeff Johnson	Mankato	(507) 387-8640
Vice Chair	Marc Culver	Roseville	(651) 792-7041
Secretary	Glenn Olson	Marshall	(507) 537-6774

Members

District	Years Served	Representative	City	Phone
1	2014-2016	Jesse Story	Hibbing	(218) 262-3486
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	Brooklyn Center	(763) 569-3300
6	2016-2018	Jay Owens	Red Wing	(651) 385-3625
7	2014-2016	Jeff Johnson	Mankato	(507) 387-8640
8	2015-2017	Sean Christensen	Willmar	(320) 214-5169
Metro-East	2014-2016	Klayton Eckles	Woodbury	(651) 714-3720
Cities	Permanent	Cindy Voigt	Duluth	(218) 730-5200
of the	Permanent	Don Elwood	Minneapolis	(612) 673-3622
First	Permanent	Richard Freese	Rochester	(507) 328-2426
Class	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

Alternates

District	Year Beginning		City	Phone
1	2017	Tom Pagel (interim)	Grand Rapids	(218) 326-7626
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	2017	Mark DuChene	Waseca	(507) 835-9716
8	2018	Andy Kehren	Redwood Falls	(507) 794-5541
Metro-East	2017	Michael Thompson	Maplewood	(651) 249-2403

N:\MSAS\Books\2016 October Book\Screening Board Members 2016.xlsx

2016 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
Mark Graham, Chair Vadnais Heights (651) 204-6050 Expires after 2016	Kent Exner, Chair Hutchinson (320) 234-4212 Expires after 2016
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

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Districts

08-Sep-16

YEAR	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	METRO WEST	DISTRICT 6	DISTRICT 7	DISTRICT 8	METRO EAST
1991	PRUSAK Cloquet	KILDAHL Crookston	WILLIAMSON Sauk Rapids	MOEN	EASTLING	DRAKE	MCCLURG	SWANSON Willmar	HAIDER
1992	PRUSAK	KILDAHL	WILLIAMSON	REIMER Moorhead	EASTLING	PUTNAM Owatonna	MCCLURG	SWANSON	HAIDER
1993	PRUSAK	KILDAHL	WILLIAMSON	REIMER	ANDERSON Prior Lake	PUTNAM	SAFFERT Mankato	SWANSON	BACHMEIER Oakdale
1994	PRUSAK	BOELL Bemidji	KREKLAU Buffalo	REIMER	ANDERSON	PUTNAM	SAFFERT	VICTOR Marshall	BACHMEIER
1995	HALTER Grand Rapids	SANDERS E. Gr. Forks	KREKLAU	NANSEN Det. Lakes	ANDERSON	MALIN Winona	SAFFERT	RODEBERG Hutchinson	BACHMEIER
1996	HALTER	SANDERS	KREKLAU	NANSEN	BITTLE Champlin	MALIN	READ Fairmont	RODEBERG	JESSUP Woodbury
1997	HALTER	KILDAHL Crookston	WOTZKA Sartell,Waite Park	NANSEN	BITTLE	MALIN	READ	SARFF Litchfield	JESSUP
1998	SALO Hermantown	KILDAHL	WOTZKA	SCHOONHOVEN Alexandria	BITTLE	OLSON Albert Lea	READ	SARFF	JESSUP
1999	SALO	KILDAHL	WOTZKA	SCHOONHOVEN	GUSTAFSON Minnetonka	OLSON	KOEHLER New Ulm	SARFF	BURCH White Bear Lk
2000	SALO	METSO Bemidji	KOSHAK Otsego	SCHOONHOVEN	GUSTAFSON	OLSON	KOEHLER	ODENS Willmar	BURCH
2001	SALO	SANDERS E. Gr. Forks	KOSHAK	EDWARDS Fergus Falls	PEDERSON Bloomington	MURRAY Faribault	KOEHLER	ODENS	BURCH
2002	SUIHKONEN Hibbing	SANDERS	WEISS Monticello	EDWARDS	PEDERSON	MURRAY	LOOSE St. Peter	ODENS	AHL Maplewood
2003	SUIHKONEN	KILDAHL Crookston	WEISS	EDWARDS	PEDERSON	MURRAY	LOOSE	BERRYMAN Montevideo	AHL
2004	SUIHKONEN	KILDAHL	WEISS	KUHN Morris	GRAY Anoka	JOHNSON Owatonna	LOOSE	BERRYMAN	AHL
2005	PAGEL Grand Rapids	KILDAHL	WEISS	KUHN	GRAY	JOHNSON	SALSBURY Waseca	BERRYMAN	BLOOM Roseville
2006	PAGEL	FREEBURG Bemidji	MAUER Elk River	KUHN	GRAY	JOHNSON	SALSBURY	OLSON Marshall	BLOOM
2007	PAGEL	FREEBURG	MAUER	ZIMMERMAN Moorhead	HAUKAAS/KEELY Fridley/Blaine	GEHLER-HESS Northfield	SALSBURY	OLSON	BLOOM
2008	PRUSAK Cloquet	GRAY Bemidji	MAUER	ZIMMERMAN	KEELY Blaine	GEHLER-HESS	SAFFERT Mankato	OLSON	MATTHYS Eagan
2009	PRUSAK	BOPPRE E Grand Forks	BOT St. Michael	ZIMMERMAN	KEELY	GEHLER-HESS	RIPPKE No Mankato	EXNER Hutchinson	MATTHYS
2010	PRUSAK	BOPPRE	BOT	SCHOONHOVEN Alexandria	MATHISEN Crystal	STRAUSS Stewartville	RIPPKE	EXNER	MATTHYS
2011	SALO Hermantown	BOPPRE	BOT	SCHOONHOVEN	MATHISEN	STRAUSS	NEMMERS Fairmont	EXNER	GRAHAM Vadnais Hts.
2012	SALO	KILDAHL Th River Falls	DEWOLF Buffalo	SCHOONHOVEN	MATHISEN	STRAUSS	NEMMERS	RODEBERG Glencoe	GRAHAM
2013	SALO	KILDAHL	DEWOLF	JON PRATT Detroit Lakes	ROD RUE Eden Prairie	STEVE LANG Austin	NEMMERS	RODEBERG	GRAHAM
2014	JESSE STORY Hibbing	RICH CLAUSON Crookston	DEWOLF Buffalo	JON PRATT Detroit Lakes	ROD RUE Eden Prairie	STEVE LANG Austin	JEFF JOHNSON Mankato	RODEBERG Glencoe	K. ECKLES Woodbury
2015	JESSE STORY Hibbing	CRAIG GRAY Bemidji	JUSTIN FEMRITE Elk River	JON PRATT Detroit Lakes	ROD RUE Eden Prairie	STEVE LANG Austin	JEFF JOHNSON Mankato	S. CHRISTENSEN Willmar	K. ECKLES Woodbury
2016	JESSE STORY Hibbing	CRAIG GRAY Bemidji	JUSTIN FEMRITE Elk River	JEFF KUHN Morris	STEVE LILLEHAUG Brooklyn Center	JAY OWENS Red Wing	JEFF JOHNSON Mankato	S. CHRISTENSEN Willmar	K. ECKLES Woodbury

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Cities of the First Class and Officers

	MINNEAPOLIS	ST. PAUL	DULUTH	ROCHESTER	CHAIR	VICE CHAIR	SECRETARY
1991	HOSHAW	KUHFELD	LARSON		GRUBE St. Louis Park	EDWARDS Fergus Falls	GRAY Eden Prairie
1992	HOSHAW	KUHFELD	LARSON		EDWARDS Fergus Falls	GRAY Eden Prairie	LARSON Duluth
1993	SPURRIER	KUHFELD	LARSON		GRAY Eden Prairie	LARSON Duluth	SONNENBERG Minnetonka
1994	KANNANKUTTY	KUHFELD	LARSON		LARSON Duluth	SONNENBERG Minnetonka	SWANSON Willmar
1995	KANNANKUTTY	ST MARTIN	LARSON		SONNENBERG Minnetonka	SWANSON Willmar	BACHMEIER Oakdale
1996	KANNANKUTTY	ST MARTIN	LARSON		SONNENBERG BACHMEIER	BACHMEIER Oakdale	RODEBERG Hutchinson
1997	KANNANKUTTY	WARN	BEEMAN		BACHMEIER Oakdale	RODEBERG Hutchinson	ASHFELD Maple Grove
1998	KANNANKUTTY	WARN	WINSON		RODEBERG Hutchinson	ASHFELD Maple Grove	HALTER Grand Rapids
1999	KANNANKUTTY	WARN	WINSON		RODEBERG ASHFELD	VACANT	JESSUP Woodbury
2000	KANNANKUTTY SONNENBERG	WARN	BRINK		ASHFELD Maple Grove	JESSUP Woodbury	DRAKE Red Wing
2001	SONNENBERG	WARN	METSO		JESSUP Woodbury	DRAKE Red Wing	GUSTAFSON Minnetonka
2002	SONNENBERG OGREN	WARN KURTZ	METSO		DRAKE Red Wing	GUSTAFSON Minnetonka	METSO Duluth
2003	OGREN FABRY	KURTZ	METSO		GUSTAFSON Minnetonka	METSO Duluth	HAGEN St. Louis Park
2004	FABRY	KURTZ	METSO		METSO Duluth	HAGEN St. Louis Park	GAETZ St.Cloud
2005	FABRY	KURTZ	METSO		METSO Duluth	GAETZ St.Cloud	AHL Maplewood
2006	RAE	KURTZ	BENNING VOIGT		GAETZ St. Cloud	AHL Maplewood	ODENS Willmar
2007	RAE/ELWOOD	KURTZ	VOIGT		AHL Maplewood	ODENS Willmar	PEDERSON Bloomington
2008	ELWOOD	KURTZ	VOIGT		ODENS Willmar	PEDERSON Bloomington	HULSETHER Brainerd
2009	ELWOOD	KURTZ	VOIGT		PEDERSON Bloomington	HULSETHER Brainerd	KEELY Blaine
2010	ELWOOD	KURTZ	VOIGT		HULSETHER Brainerd	KEELY Blaine	EXNER Hutchinson
2011	ELWOOD	KURTZ	VOIGT	FREESE	KEELY Blaine	EXNER Hutchinson	MOBERG Plymouth
2012	ELWOOD	KURTZ	VOIGT	FREESE	EXNER Hutchinson	VACANT	STEVE BOT St. Michael
2013	ELWOOD	KURTZ	VOIGT	FREESE	VACANT	STEVE BOT St. Michael	ECKLES Woodbury
2014	ELWOOD	KURTZ	VOIGT	FREESE	STEVE BOT St. Michael	ECKLES Woodbury	JEFF JOHNSON Mankato
2015	ELWOOD	KURTZ	VOIGT	FREESE	ECKLES Woodbury	JEFF JOHNSON Mankato	MARC CULVER Roseville
2016	ELWOOD	KURTZ	VOIGT	FREESE	JEFF JOHNSON Mankato	MARC CULVER Roseville	GLENN OLSON Marshall

Municipal Screening Board
Meeting Minutes
May 24-25, 2016
Cragun's Resort-Brainerd, MN

Tuesday Session, May 24, 2016

I. Call to Order and Welcome by Chair Jeff Johnson

a. Introductions of Head Table, Subcommittee Chairs & past chairs of the Municipal Screening Board (MSB) by Chair Johnson
   i. Jeff Johnson Chair, MSB
   ii. Mitch Rasmussen, MnDOT –State Aid Engineer
   iii. Bill Lanoux, MnDOT - Manager, Municipal State Aid Needs Unit
   iv. Marc Culver, Roseville – Vice Chair, MSB
   v. Kent Exner, Hutchinson – Chair: Unencumbered Construction Funds Subcommittee (& Past Chair, MSB)
   vi. Steve Bot, St. Michael - Past Chair, MSB
   vii. Klayton Eckles, Woodbury – Past Chair, MSB

b. Introduced Glenn Olson, Marshall - Secretary MSB who conducted the roll call of the screening board members:

i.	District 1	Jesse Story, Hibbing
ii.	District 2	Rich Clauson, Crookston (alternate)
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, Red Wing
vii.	District 7	Jeff Johnson, Mankato
viii.	District 8	Sean Christensen, Willmar
ix.	Metro East	Klayton Eckles, Woodbury
x.	Duluth	Cindy Voigt
xi.	Minneapolis	Don Elwood
xii.	Rochester	Richard Freese
xiii.	St. Paul	Paul Kurtz

All members were present.

c. Recognized Screening Board Alternates:

i.	District 7	Mark DuChene, Waseca
ii.	Metro East	Michael Thompson, Maplewood (absent)

d. Recognized Department of Transportation personnel:

i.	Ted Schoenecker	Deputy State Aid Engineer
ii.	Merry Daher	Senior Administrative Engineer (absent)
iii.	John McDonald	District 1 State Aid Engineer
iv.	Lou Tasa	District 2 State Aid Engineer

v. Kelvin Howieson District 3 State Aid Engineer
vi. Nathan Gannon District 4 State Aid Engineer
vii. Fausto Cabral District 6 State Aid Engineer (absent)
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. Recognized others in Attendance:
   i. Dave Sonnenberg, Chair, CEAM Legislative Committee
   ii. Larry Veek, Minneapolis
   iii. Mike Van Beusekom, St. Paul

II. Bill Lanoux reviewed the '2016 Municipal Screening Board Data' book.

a. Introductory information in the booklet Pages 1-4.

   i. Oct. Screening Board minutes Pages 5-18 (Bill reviewed the action items taken at the Oct. MSB meeting)

   ii. **Chairman Johnson called for a motion to approve minutes. Motion made by Kuhn, seconded by Clauson. All voted Aye.**

b. Unit Price Recommendations (Rich Clausen (D2) is on NSS and was present for any questions)

   i. Reviewed the minutes of NSS meeting (Pages 22-23)
   Explained the ADT references on pages 25 and 26.

   ii. Unit Price Recommendations of NSS Page 27

c. Unit Prices and Graphs Pages 29-41
   Highlighted the bold sentences under each graph.
   Page 34- costs from other sources.
   Page 38- explained the red bars.
d. Reference materials and SB resolutions Pages 48-68

BREAK

e. Other Topics Page 44

   i. Unencumbered Construction Fund Subcommittee update – Kent Exner – Chair

   ii. Reviewed UCFS meeting minutes Pages 45-47

   iii. Discussed and reviewed recommendation on Roundabouts.
   Don Elwood, Minneapolis, asked if this item required any action.
   Chairman Jeff indicated it did not as the recommendation leaves the procedure as it is.
   Klayton Eckles, Woodbury, asked for a clarification of how to measure the needs. Bill Lanoux, MNDOT, indicated to measure to the center of the round-a-bout only. The procedure is also on the website.

f. Legislative Update- Dave Sonnenberg
   Indicated he will provide tomorrow.

g. State Aid report/comments- Mitch Rasmussen
   None at this time.

h. Chair Johnson asked for other topics of interest or concern.
   Discussion was held on the concerns of seal coat effectiveness and problems that have occurred with several failures of seal coats and their underlying surfacing.
   There have been studies that recommend periodic seal coats but may have been done by entities that are not completely independent or "arms length".
   Olson asked Eckles to explain the issues, which he did.
   Schoenecker indicated the issue was important enough to review with some valid research.
   Rasmussen explained how the research would be identified and process developed to research.
   Elwood indicated he would like to see the profession get out in front of the problem and move forward with a study.
   Voigt suggested contacting the Counties to check if they have the same or similar issues as well.
   Christensen asked a question concerning signal interconnection at multiple intersections and if they are individual in needs. Johnson indicated they are not and to use the needs calculations indicated in the manual.

III. Chairman Johnson entertained a motion to adjourn until 8:30 Wednesday morning.

Voigt moved and Femrite seconded the motion to adjourn. All voted in favor.

WEDNESDAY MORNING SESSION

Chairman Johnson called the meeting to order.

I. Review Tuesday's subjects and take action on specific items

a. Reviewed the Unit Price recommendations of the Needs Study Subcommittee on Page 27.

i. Take action on Unit Costs recommended by the NSS

A motion was made by Voigt and seconded by Lillehaug to approve the Unit Costs as recommended by the NSS. All voted in favor.

b. Action on the **UCFS recommendation on page 47**
The recommendation was read to the Committee as written.

i. The recommendation was discussed.
A motion was made by Kuhn, seconded by Clauson to approve the recommendation. Lillehaug offered a friendly amendment that the needs be measured to the center of the intersection. Kuhn agreed to include in the motion. Voigt indicated it would not be necessary to amend the motion as this amendment is already included in bullet 2 or the recommendation. The amendment was withdrawn. Kuhn accepted the withdrawl. **All voted in favor of the motion.**

Bill Lanoux noted this discussion.

II. Other items:

a. Continuation of Legislative Update

Dave Sonnenberg, Chair of the CEAM Legislative Committee reported on the completion of the Legislative session.

Dave was disappointed to say the least of the results of the session. He gave a summary of the process and referenced the report provided.

Voigt asked if there was time to call the legislators back to session. Sonnenberg indicated there would be about 2 weeks to sign the approved bills, then a decision concerning a special session.

Johnson asked about the contractor fees and the 8% out of state retainage. Sonnenberg did not know how that would be addressed.

Bot asked if LMC was called to testify on these issues. Quale indicated not much.

Johnson thanked Sonnenberg for the update and continued work at the session.

b. Continuation of State Aid report

Johnson asked Rasmussen if there was anything additional to add. Rasmussen indicated there was not.

III. Call for Any Other Discussion Topics

There were no unfinished items from yesterday's meeting and no other discussion topics were presented.

a. Chairman Johnson thanked Kent Exner, Chair of the UCFS, Past Chairs of the Municipal Screening Board, and the Screening Board members for their work on the committees and the Board.

He also thanked Nancy Stone for her work for the set up of the meeting.

IV. The Fall Screening Board meeting will be at Breezy Point, Oct. 25 & 26th

V. Chairman Johnson reminded all those in attendance that need to fill out an expense report to do so. On line reports are preferred. However paper copies are also available.

VI. Chairman Johnson entertained a motion for adjournment.

Femrite moved and Voigt seconded a motion for adjournment. All voted in favor. Meeting adjourned.

Respectfully submitted,

Glenn Olson
Municipal Screening Board Secretary
Marshall 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 the five years after the census, annual population estimates (released by the State Demographer) must show that a city's population has stayed below 5,000.

Several cities that fell below 5,000 in population in the 2010 Federal Census have since had population estimates which estimated that their population's increased back over 5,000. Those cities have since stayed over 5,000 and will all continue to be included in the MSAS distribution.

The 2010 Federal Census figure for Circle Pines was 4,922. The most recent population estimate for Circle Pines (released in 2016) is 4,904. However, estimates released in 2014 showed a population estimate of 5,014. This estimate keeps Circle Pines eligible.

State Statute 162.09 subd. 4(f) states that Circle Pines shall participate in the distribution at least through the January 2025 distribution:

(f) A city that is found in the most recent federal decennial census to have a population of less than 5,000 is deemed for the purposes of this chapter and the Minnesota Constitution, article XIV, to have a population of 5,000 or more under the following circumstances: (1) immediately before the most recent federal decennial census, the city was receiving municipal state-aid street fund distributions; and (2) the population of the city was found in the most recent federal decennial census to be less than 5,000. Following the end of the first calendar year that ends in "5" after the decennial census and until the next decennial census, the population of any city must be determined under paragraphs (a) to (e).

(Note that SB Resolutions also state that no city shall be dropped from the MSAS eligible list based on a population estimates.)

This year, the State Demographer released an estimated population for the City of North Oaks of 5,015. This makes North Oaks an eligible city. North Oaks is unique in that all of their residential roads are private roads (making the establishment of a State Aid System, and corresponding Money Needs apportionment, unlikely). However, it should be noted that during the production of this report, discussions of a potential population apportionment for North Oaks are pending.

2017 POPULATION SUMMARY

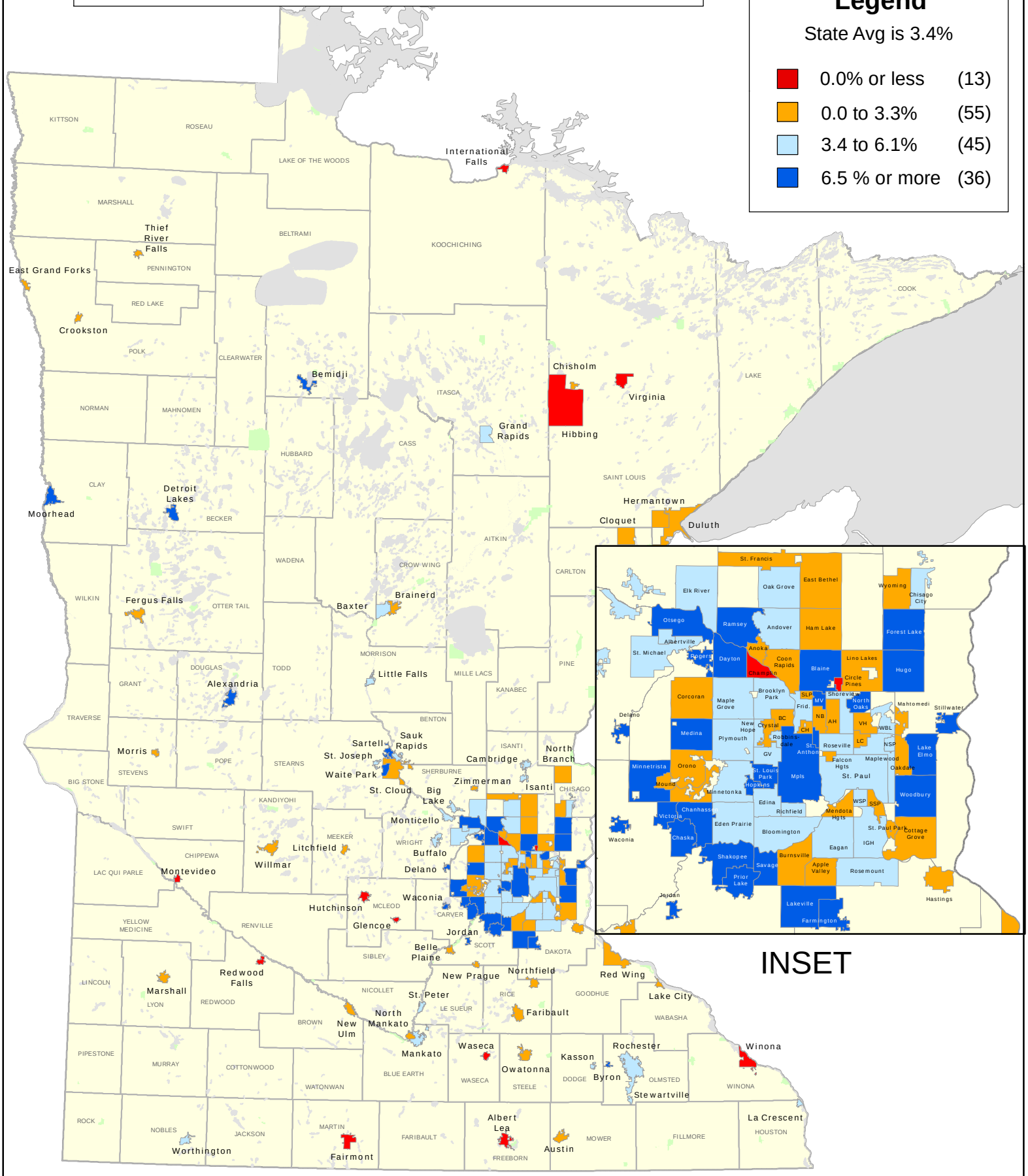
The populations used for 2017 Allocations are based on the 2010 Federal Census
or the most recent State Demographer estimates, **whichever are greater**

Municipality	2010 Census	Population used for 2016 Allocation	2015 Population Estimates (Released July 2016)	Population to be used for 2017 Allocation	Difference between Populations used for 2016 & 2017 Allocation	% Change in Population from 2010 to 2015
Albert Lea	18,016	18,016	17,899	**18,016**	0	-0.6%
Albertville	7,044	7,262	7,317	**7,317**	55	3.9%
Alexandria	11,074	13,182	13,340	**13,340**	158	20.5%
Andover	30,598	31,874	31,704	**31,704**	(170)	3.6%
Anoka	17,142	17,586	17,665	**17,665**	79	3.1%
Apple Valley	49,084	50,330	50,161	**50,161**	(169)	2.2%
Arden Hills	9,552	9,652	9,847	**9,847**	195	3.1%
Austin	24,721	25,097	25,111	**25,111**	14	1.6%
Baxter	7,610	8,018	8,065	**8,065**	47	6.0%
Belle Plaine	6,661	6,661	6,742	**6,742**	81	1.2%
Bemidji	13,431	14,784	14,969	**14,969**	185	11.5%
Big Lake	10,060	10,587	10,671	**10,671**	84	6.1%
Blaine	57,186	62,066	63,180	**63,180**	1,114	10.5%
Bloomington	82,893	86,652	87,224	**87,224**	572	5.2%
Brainerd	13,590	13,659	13,671	**13,671**	12	0.6%
Brooklyn Center	30,104	30,104	30,864	**30,864**	760	2.5%
Brooklyn Park	75,781	78,362	80,215	**80,215**	1,853	5.9%
Buffalo	15,453	15,913	16,033	**16,033**	120	3.8%
Burnsville	60,306	61,747	61,908	**61,908**	161	2.7%
Byron	4,952	5,264	5,404	**5,404**	140	9.1%
Cambridge	8,111	8,338	8,496	**8,496**	158	4.7%
Champlin	23,089	23,089	22,741	**23,089**	0	-1.5%
Chanhassen	22,952	24,503	25,194	**25,194**	691	9.8%
Chaska	23,770	25,270	25,607	**25,607**	337	7.7%
Chisago City	4,967	5,069	5,156	**5,156**	87	3.8%
Chisholm	4,976	5,029	5,006	**5,006**	(23)	0.6%
Circle Pines	4,922	5,000	4,904	**5,000**	0	-0.4%
Cloquet	12,124	12,258	12,271	**12,271**	13	1.2%
Columbia Heights	19,496	19,709	19,995	**19,995**	286	2.6%
Coon Rapids	61,476	62,435	62,527	**62,527**	92	1.7%
Corcoran	5,379	5,513	5,475	**5,475**	(38)	1.8%
Cottage Grove	34,589	35,250	35,596	**35,596**	346	2.9%
Crookston	7,891	7,902	7,954	**7,954**	52	0.8%
Crystal	22,151	22,436	22,852	**22,852**	416	3.2%
Dayton	4,743	5,011	5,059	**5,059**	48	6.7%
Delano	5,464	5,757	5,864	**5,864**	107	7.3%
Detroit Lakes	8,571	9,112	9,290	**9,290**	178	8.4%
Duluth	86,265	86,367	86,597	**86,597**	230	0.4%
Eagan	64,206	66,810	67,509	**67,509**	699	5.1%
East Bethel	11,626	11,626	11,761	**11,761**	135	1.2%
East Grand Forks	8,601	8,731	8,774	**8,774**	43	2.0%
Eden Prairie	60,797	62,593	63,187	**63,187**	594	3.9%
Edina	47,941	50,261	50,766	**50,766**	505	5.9%
Elk River	22,974	23,730	23,987	**23,987**	257	4.4%
Fairmont	10,666	10,666	10,421	**10,666**	0	-2.3%
Falcon Heights	5,321	5,398	5,384	**5,384**	(14)	1.2%
Faribault	23,352	23,631	23,700	**23,700**	69	1.5%

Municipality	2010 Census	Population used for 2016 Allocation	2015 Population Estimates (Released July 2016)	Population to be used for 2017 Allocation	Difference between Populations used for 2016 & 2017 Allocation	% Change in Population from 2010 to 2015
Farmington	21,086	22,386	22,451	**22,451**	65	6.5%
Fergus Falls	13,140	13,280	13,288	**13,288**	8	1.1%
Forest Lake	18,375	19,484	20,261	**20,261**	777	10.3%
Fridley	27,208	27,952	28,547	**28,547**	595	4.9%
Glencoe	5,631	5,631	5,540	**5,631**	0	-1.6%
Golden Valley	20,371	20,790	21,571	**21,571**	781	5.9%
Grand Rapids	10,869	11,114	11,281	**11,281**	167	3.8%
Ham Lake	15,296	15,666	15,773	**15,773**	107	3.1%
Hastings	22,172	22,492	22,687	**22,687**	195	2.3%
Hermantown	9,414	9,726	9,720	**9,720**	(6)	3.3%
Hibbing	16,361	16,361	16,316	**16,361**	0	-0.3%
Hopkins	17,591	18,971	19,227	**19,227**	256	9.3%
Hugo	13,332	14,201	14,352	**14,352**	151	7.7%
Hutchinson	14,180	14,180	14,170	**14,180**	0	-0.1%
International Falls	6,424	6,424	6,280	**6,424**	0	-2.2%
Inver Grove Heights	33,880	34,831	35,071	**35,071**	240	3.5%
Isanti	5,251	5,409	5,497	**5,497**	88	4.7%
Jordan	5,470	6,148	6,150	**6,150**	2	12.4%
Kasson	5,931	6,124	6,192	**6,192**	68	4.4%
LaCrescent	4,883	5,079	5,142	**5,142**	63	5.3%
Lake City	5,063	5,063	5,102	**5,102**	39	0.8%
Lake Elmo	8,069	8,594	8,643	**8,643**	49	7.1%
Lakeville	55,954	59,361	59,991	**59,991**	630	7.2%
Lino Lakes	20,216	21,129	20,519	**20,519**	(610)	1.5%
Litchfield	6,726	6,741	6,761	**6,761**	20	0.5%
Little Canada	9,773	9,912	9,941	**9,941**	29	1.7%
Little Falls	8,347	8,807	8,825	**8,825**	18	5.7%
Mahtomedi	7,676	8,043	7,845	**7,845**	(198)	2.2%
Mankato	39,313	41,202	41,727	**41,727**	525	6.1%
Maple Grove	61,567	64,448	65,155	**65,155**	707	5.8%
Maplewood	38,018	39,054	39,742	**39,742**	688	4.5%
Marshall	13,680	13,719	13,793	**13,793**	74	0.8%
Medina	4,916	5,831	5,967	**5,967**	136	21.4%
Mendota Heights	11,071	11,124	11,105	**11,105**	(19)	0.3%
Minneapolis	382,578	411,273	412,517	**412,517**	1,244	7.8%
Minnetonka	49,734	51,144	51,647	**51,647**	503	3.8%
Minnetrista	6,384	6,763	7,029	**7,029**	266	10.1%
Montevideo	5,383	5,383	5,327	**5,383**	0	-1.0%
Monticello	12,759	13,125	13,311	**13,311**	186	4.3%
Moorhead	38,065	41,181	41,901	**41,901**	720	10.1%
Morris	5,286	5,436	5,418	**5,418**	(18)	2.5%
Mound	9,052	9,318	9,209	**9,209**	(109)	1.7%
Mounds View	12,155	12,444	13,007	**13,007**	563	7.0%
New Brighton	21,456	22,084	22,170	**22,170**	86	3.3%
New Hope	20,339	20,812	21,225	**21,225**	413	4.4%
New Prague	7,321	7,439	7,508	**7,508**	69	2.6%
New Ulm	13,522	13,522	13,583	**13,583**	61	0.5%
North Branch	10,125	10,286	10,330	**10,330**	44	2.0%
North Mankato	13,394	13,610	13,689	**13,689**	79	2.2%
North St. Paul	11,460	12,006	12,104	**12,104**	98	5.6%
Northfield	20,007	20,313	20,320	**20,320**	7	1.6%
Oak Grove	8,031	8,337	8,313	**8,313**	(24)	3.5%

Municipality	2010 Census	Population used for 2016 Allocation	2015 Population Estimates (Released July 2016)	Population to be used for 2017 Allocation	Difference between Populations used for 2016 & 2017 Allocation	% Change in Population from 2010 to 2015
Oakdale	27,378	28,655	28,172	**28,172**	(483)	2.9%
Orono	7,437	7,785	7,474	**7,474**	(311)	0.5%
Otsego	13,571	14,968	15,472	**15,472**	504	14.0%
Owatonna	25,599	25,663	25,782	**25,782**	119	0.7%
Plymouth	70,576	73,633	74,592	**74,592**	959	5.7%
Prior Lake	22,796	24,911	25,049	**25,049**	138	9.9%
Ramsey	23,668	24,811	25,362	**25,362**	551	7.2%
Red Wing	16,459	16,505	16,534	**16,534**	29	0.5%
Redwood Falls	5,256	5,256	5,214	**5,256**	0	-0.8%
Richfield	35,228	36,157	36,557	**36,557**	400	3.8%
Robbinsdale	13,953	14,512	14,757	**14,757**	245	5.8%
Rochester	106,750	111,008	111,907	**111,907**	899	4.8%
Rogers	11,197	12,230	12,381	**12,381**	151	10.6%
Rosemount	21,874	22,490	23,042	**23,042**	552	5.3%
Roseville	33,660	34,719	35,244	**35,244**	525	4.7%
Sartell	15,887	16,949	17,203	**17,203**	254	8.3%
Sauk Rapids	12,773	13,307	13,406	**13,406**	99	5.0%
Savage	26,911	29,047	30,024	**30,024**	977	11.6%
Shakopee	37,076	39,523	40,254	**40,254**	731	8.6%
Shoreview	25,043	25,723	26,092	**26,092**	369	4.2%
Shorewood	7,307	7,425	7,458	**7,458**	33	2.1%
South St. Paul	20,160	20,160	20,351	**20,351**	191	0.9%
Spring Lake Park	6,412	6,513	6,513	**6,513**	0	1.6%
St. Anthony	8,226	8,965	9,277	**9,277**	312	12.8%
St. Cloud	65,842	66,462	67,010	**67,010**	548	1.8%
St. Francis	7,218	7,296	7,327	**7,327**	31	1.5%
St. Joseph	6,534	6,805	6,772	**6,772**	(33)	3.6%
St. Louis Park	45,250	47,933	48,354	**48,354**	421	6.9%
St. Michael	16,399	16,983	17,081	**17,081**	98	4.2%
St. Paul	285,068	299,641	300,353	**300,353**	712	5.4%
St. Paul Park	5,279	5,314	5,441	**5,441**	127	3.1%
St. Peter	11,196	11,758	11,784	**11,784**	26	5.3%
Stewartville	5,916	6,219	6,252	**6,252**	33	5.7%
Stillwater	18,225	18,892	19,754	**19,754**	862	8.4%
Thief River Falls	8,573	8,722	8,765	**8,765**	43	2.2%
Vadnais Heights	12,302	12,583	12,490	**12,490**	(93)	1.5%
Victoria	7,379	8,462	8,775	**8,775**	313	18.9%
Virginia	8,712	8,712	8,591	**8,712**	0	-1.4%
Waconia	10,697	11,524	11,752	**11,752**	228	9.9%
Waite Park	6,715	7,473	7,514	**7,514**	41	11.9%
Waseca	9,412	9,412	9,351	**9,412**	0	-0.6%
West St. Paul	19,540	19,800	20,222	**20,222**	422	3.5%
White Bear Lake	23,797	24,159	24,811	**24,811**	652	4.3%
Willmar	19,610	19,731	19,848	**19,848**	117	1.2%
Winona	27,614	27,614	27,591	**27,614**	0	-0.1%
Woodbury	61,961	66,119	66,974	**66,974**	855	8.1%
Worthington	12,764	12,986	13,208	**13,208**	222	3.5%
Wyoming	7,791	7,854	7,877	**7,877**	23	1.1%
Zimmerman	5,228	5,297	5,335	**5,335**	38	2.0%
Total	**3,690,202**	**3,840,729**	**3,872,652**	**3,874,051**	**33,322**	**4.9%**

Percentage Change in Population for State Aid Cities, 2010 - 2015



MnDOT's Disclaimer on Maps and Related Data can be found @ http://www.dot.state.mn.us/information/disclaimer.html

Source: MN State Demographer's Office

MSAS POPULATION ALLOCATIONS

For each MSAS city, the 2010 Federal Census - or the State Demographer's 2015 population estimate (released in 2016), will be used to allocate 50% of the funds for the 2017 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 2016 population apportionment distribution amount of $86,806,018, each city will earn approximately $22.41 per capita in apportionment. This projection will be revised when the actual revenue for the 2017 apportionment becomes available.

Any adjustments made to the 2015 population estimates 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 2017 POPULATION ALLOCATIONS

Municipality	Population Used for 2016 Allocations	Population to be used for the 2017 Allocations	2016 Population Allocations	2017 Population Allocations	Difference Between 2016 & 2017 Allocations	% Increase (Decrease)
Albert Lea	18,016	18,016	$407,188	**$403,685**	($3,503)	-0.86%
Albertville	7,262	7,317	164,132	**163,952**	(180)	-0.11%
Alexandria	13,182	13,340	297,932	**298,910**	978	0.33%
Andover	31,874	31,704	720,398	**710,393**	(10,005)	-1.39%
Anoka	17,586	17,665	397,469	**395,820**	(1,649)	-0.41%
Apple Valley	50,330	50,161	1,137,531	**1,123,960**	(13,571)	-1.19%
Arden Hills	9,652	9,847	218,149	**220,642**	2,493	1.14%
Austin	25,097	25,111	567,228	**562,663**	(4,565)	-0.80%
Baxter	8,018	8,065	181,218	**180,713**	(505)	-0.28%
Belle Plaine	6,661	6,742	150,548	**151,068**	520	0.35%
Bemidji	14,784	14,969	334,140	**335,411**	1,271	0.38%
Big Lake	10,587	10,671	239,281	**239,106**	(175)	-0.07%
Blaine	62,066	63,180	1,402,781	**1,415,677**	12,896	0.92%
Bloomington	86,652	87,224	1,958,460	**1,954,432**	(4,028)	-0.21%
Brainerd	13,659	13,671	308,713	**306,327**	(2,386)	-0.77%
Brooklyn Center	30,104	30,864	680,394	**691,571**	11,177	1.64%
Brooklyn Park	78,362	80,215	1,771,094	**1,797,381**	26,287	1.48%
Buffalo	15,913	16,033	359,657	**359,252**	(405)	-0.11%
Burnsville	61,747	61,908	1,395,571	**1,387,175**	(8,396)	-0.60%
Byron	5,264	5,404	118,974	**121,088**	2,114	1.78%
Cambridge	8,338	8,496	188,451	**190,370**	1,919	1.02%
Champlin	23,089	23,089	521,845	**517,356**	(4,489)	-0.86%
Chanhassen	24,503	25,194	553,803	**564,523**	10,720	1.94%
Chaska	25,270	25,607	571,138	**573,777**	2,639	0.46%
Chisago City	5,069	5,156	114,567	**115,531**	964	0.84%

Municipality	Population Used for 2016 Allocations	Population to be used for the 2017 Allocations	2016 Population Allocations	2017 Population Allocations	Difference Between 2016 & 2017 Allocations	% Increase (Decrease)
Chisholm	5,029	5,006	113,663	**112,170**	(1,493)	-1.31%
Circle Pines	5,000	5,000	113,007	**112,035**	(972)	-0.86%
Cloquet	12,258	12,271	277,048	**274,957**	(2,091)	-0.75%
Columbia Heights	19,709	19,995	445,452	**448,029**	2,577	0.58%
Coon Rapids	62,435	62,527	1,411,121	**1,401,045**	(10,076)	-0.71%
Corcoran	5,513	5,475	124,602	**122,679**	(1,923)	-1.54%
Cottage Grove	35,250	35,596	796,701	**797,601**	900	0.11%
Crookston	7,902	7,954	178,597	**178,226**	(371)	-0.21%
Crystal	22,436	22,852	507,086	**512,046**	4,960	0.98%
Dayton	5,011	5,059	113,256	**113,357**	101	0.09%
Delano	5,757	5,864	130,117	**131,395**	1,278	0.98%
Detroit Lakes	9,112	9,290	205,944	**208,161**	2,217	1.08%
Duluth	86,367	86,597	1,952,019	**1,940,382**	(11,637)	-0.60%
Eagan	66,810	67,509	1,510,002	**1,512,677**	2,675	0.18%
East Bethel	11,626	11,761	262,764	**263,529**	765	0.29%
East Grand Forks	8,731	8,774	197,333	**196,599**	(734)	-0.37%
Eden Prairie	62,593	63,187	1,414,692	**1,415,834**	1,142	0.08%
Edina	50,261	50,766	1,135,971	**1,137,516**	1,545	0.14%
Elk River	23,730	23,987	536,332	**537,478**	1,146	0.21%
Fairmont	10,666	10,666	$241,067	**$238,993**	($2,074)	-0.86%
Falcon Heights	5,398	5,384	122,003	**120,640**	(1,363)	-1.12%
Faribault	23,631	23,700	534,095	**531,047**	(3,048)	-0.57%
Farmington	22,386	22,451	505,956	**503,060**	(2,896)	-0.57%
Fergus Falls	13,280	13,288	300,147	**297,745**	(2,402)	-0.80%
Forest Lake	19,484	20,261	440,367	**453,989**	13,622	3.09%
Fridley	27,952	28,547	631,756	**639,654**	7,898	1.25%
Glencoe	5,631	5,631	127,269	**126,174**	(1,095)	-0.86%
Golden Valley	20,790	21,571	469,884	**483,342**	13,458	2.86%
Grand Rapids	11,114	11,281	251,192	**252,774**	1,582	0.63%
Ham Lake	15,666	15,773	354,074	**353,426**	(648)	-0.18%
Hastings	22,492	22,687	508,352	**508,349**	(3)	0.00%
Hermantown	9,726	9,720	219,822	**217,796**	(2,026)	-0.92%
Hibbing	16,361	16,361	369,782	**366,602**	(3,180)	-0.86%
Hopkins	18,971	19,227	428,772	**430,820**	2,048	0.48%
Hugo	14,201	14,352	320,963	**321,586**	623	0.19%
Hutchinson	14,180	14,180	320,488	**317,732**	(2,756)	-0.86%
International Falls	6,424	6,424	145,192	**143,943**	(1,249)	-0.86%
Inver Grove Heights	34,831	35,071	787,231	**785,837**	(1,394)	-0.18%
Isanti	5,409	5,497	122,251	**123,172**	921	0.75%
Jordan	6,148	6,150	138,954	**137,803**	(1,151)	-0.83%
Kasson	6,124	6,192	138,411	**138,744**	333	0.24%
LaCrescent	5,079	5,142	114,793	**115,217**	424	0.37%
Lake City	5,063	5,102	114,431	**114,321**	(110)	-0.10%
Lake Elmo	8,594	8,643	194,237	**193,664**	(573)	-0.30%
Lakeville	59,361	59,991	1,341,644	**1,344,221**	2,577	0.19%
Lino Lakes	21,129	20,519	477,546	**459,770**	(17,776)	-3.72%
Litchfield	6,741	6,761	152,356	**151,494**	(862)	-0.57%
Little Canada	9,912	9,941	224,026	**222,748**	(1,278)	-0.57%
Little Falls	8,807	8,825	199,051	**197,742**	(1,309)	-0.66%
Mahtomedi	8,043	7,845	181,783	**175,783**	(6,000)	-3.30%
Mankato	41,202	41,727	931,225	**934,979**	3,754	0.40%
Maple Grove	64,448	65,155	1,456,618	**1,459,931**	3,313	0.23%

Municipality	Population Used for 2016 Allocations	Population to be used for the 2017 Allocations	2016 Population Allocations	2017 Population Allocations	Difference Between 2016 & 2017 Allocations	% Increase (Decrease)
Maplewood	39,054	39,742	882,677	**890,501**	7,824	0.89%
Marshall	13,719	13,793	310,069	**309,060**	(1,009)	-0.33%
Medina	5,831	5,967	131,789	**133,703**	1,914	1.45%
Mendota Heights	11,124	11,105	251,418	**248,830**	(2,588)	-1.03%
Minneapolis	411,273	412,517	9,295,363	**9,243,285**	(52,078)	-0.56%
Minnetonka	51,144	51,647	1,155,928	**1,157,256**	1,328	0.11%
Minnetrista	6,763	7,029	152,854	**157,499**	4,645	3.04%
Montevideo	5,383	5,383	121,664	**120,617**	(1,047)	-0.86%
Monticello	13,125	13,311	296,644	**298,260**	1,616	0.54%
Moorhead	41,181	41,901	930,750	**938,877**	8,127	0.87%
Morris	5,436	5,418	122,861	**121,401**	(1,460)	-1.19%
Mound	9,318	9,209	210,600	**206,346**	(4,254)	-2.02%
Mounds View	12,444	13,007	281,252	**291,448**	10,196	3.63%
New Brighton	22,084	22,170	499,130	**496,764**	(2,366)	-0.47%
New Hope	20,812	21,225	470,381	**475,589**	5,208	1.11%
New Prague	7,439	7,508	168,132	**168,232**	100	0.06%
New Ulm	13,522	13,583	$305,617	**$304,355**	($1,262)	-0.41%
North Branch	10,286	10,330	232,478	**231,465**	(1,013)	-0.44%
North Mankato	13,610	13,689	307,606	**306,730**	(876)	-0.28%
North St. Paul	12,006	12,104	271,353	**271,215**	(138)	-0.05%
Northfield	20,313	20,320	459,103	**455,311**	(3,792)	-0.83%
Oak Grove	8,337	8,313	188,428	**186,270**	(2,158)	-1.15%
Oakdale	28,655	28,172	647,644	**631,251**	(16,393)	-2.53%
Orono	7,785	7,474	175,952	**167,470**	(8,482)	-4.82%
Otsego	14,968	15,472	338,298	**346,682**	8,384	2.48%
Owatonna	25,663	25,782	580,021	**577,698**	(2,323)	-0.40%
Plymouth	73,633	74,592	1,664,212	**1,671,386**	7,174	0.43%
Prior Lake	24,911	25,049	563,025	**561,274**	(1,751)	-0.31%
Ramsey	24,811	25,362	560,764	**568,287**	7,523	1.34%
Red Wing	16,505	16,534	373,037	**370,478**	(2,559)	-0.69%
Redwood Falls	5,256	5,256	118,793	**117,771**	(1,022)	-0.86%
Richfield	36,157	36,557	817,200	**819,134**	1,934	0.24%
Robbinsdale	14,512	14,757	327,992	**330,661**	2,669	0.81%
Rochester	111,008	111,907	2,508,941	**2,507,505**	(1,436)	-0.06%
Rogers	12,230	12,381	276,416	**277,422**	1,006	0.36%
Rosemount	22,490	23,042	508,306	**516,303**	7,997	1.57%
Roseville	34,719	35,244	784,700	**789,714**	5,014	0.64%
Sartell	16,949	17,203	383,072	**385,468**	2,396	0.63%
Sauk Rapids	13,307	13,406	300,757	**300,389**	(368)	-0.12%
Savage	29,047	30,024	656,504	**672,749**	16,245	2.47%
Shakopee	39,523	40,254	893,277	**901,973**	8,696	0.97%
Shoreview	25,723	26,092	581,377	**584,645**	3,268	0.56%
Shorewood	7,425	7,458	167,816	**167,112**	(704)	-0.42%
South St. Paul	20,160	20,351	455,645	**456,006**	361	0.08%
Spring Lake Park	6,513	6,513	147,203	**145,937**	(1,266)	-0.86%
St. Anthony	8,965	9,277	202,622	**207,870**	5,248	2.59%
St. Cloud	66,462	67,010	1,502,137	**1,501,496**	(641)	-0.04%
St. Francis	7,296	7,327	164,900	**164,176**	(724)	-0.44%
St. Joseph	6,805	6,772	153,803	**151,740**	(2,063)	-1.34%
St. Louis Park	47,933	48,354	1,083,355	**1,083,470**	115	0.01%
St. Michael	16,983	17,081	383,840	**382,735**	(1,105)	-0.29%
St. Paul	299,641	300,353	6,772,319	**6,730,022**	(42,297)	-0.62%

Municipality	Population Used for 2016 Allocations	Population to be used for the 2017 Allocations	2016 Population Allocations	2017 Population Allocations	Difference Between 2016 & 2017 Allocations	% Increase (Decrease)
St. Paul Park	5,314	5,441	120,104	**121,917**	1,813	1.51%
St. Peter	11,758	11,784	265,748	**264,045**	(1,703)	-0.64%
Stewartville	6,219	6,252	140,558	**140,089**	(469)	-0.33%
Stillwater	18,892	19,754	426,986	**442,629**	15,643	3.66%
Thief River Falls	8,722	8,765	197,130	**196,398**	(732)	-0.37%
Vadnais Heights	12,583	12,490	284,394	**279,864**	(4,530)	-1.59%
Victoria	8,462	8,775	191,253	**196,622**	5,369	2.81%
Virginia	8,712	8,712	196,904	**195,210**	(1,694)	-0.86%
Waconia	11,524	11,752	260,459	**263,328**	2,869	1.10%
Waite Park	7,473	7,514	168,901	**168,367**	(534)	-0.32%
Waseca	9,412	9,412	212,725	**210,895**	(1,830)	-0.86%
West St. Paul	19,800	20,222	447,509	**453,115**	5,606	1.25%
White Bear Lake	24,159	24,811	546,028	**555,941**	9,913	1.82%
Willmar	19,731	19,848	$445,949	**$444,735**	($1,214)	-0.27%
Winona	27,614	27,614	624,116	**618,748**	(5,368)	-0.86%
Woodbury	66,119	66,974	1,494,385	**1,500,689**	6,304	0.42%
Worthington	12,986	13,208	293,503	**295,951**	2,448	0.83%
Wyoming	7,854	7,877	177,513	**176,499**	(1,014)	-0.57%
Zimmerman	5,297	5,335	119,721	**119,541**	(180)	-0.15%
Total	**3,840,729**	**3,874,051**	**$86,806,018**	**$86,806,018**	**$0**	

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

2016	$86,806,018 / 3,840,729	Equals	$22.60	Per person
2017	**$86,806,018** / 3,874,051	Equals	$22.41	Per person

The population increase from 2016 and 2017 for allocation purposes is **33,322** (0.9% increase overall)

67 Cities Increased their population allocation.
81 Cities Decreased their population allocation.

MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2017 is unknown at this time so an estimated amount of $173,612,036 is used in this report. The actual amount will be announced in January 2017 when the Commissioner of Transportation makes a determination of the 2017 apportionment.

The estimated Maintenance and Construction amounts are not computed in this booklet 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. Annually, a memo regarding Maintenance Requests is sent to each city engineer informing him or her of this option. The memo is usually sent 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. street designations, Trunk Highway Turnbacks, CSAH Turnbacks, and County Road Turnbacks.

MSAS MILEAGE, NEEDS, AND APPORTIONMENT 1958 to 2017

Appt. Year	Number of of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment Per Needs Mileage	Apportionment 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

Appt. Year	Number of of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per $1000 of Adjusted Needs
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
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	6,254,786,914	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	3730.50	7,247,375,292	173,612,036	***7,404,283,121**	46,538.54	11.72

The figures for 2017 are estimates.

*** These amounts reflect the new Adjusted Restricted Construction Needs dollars.**

** 2013 and 2014 are the same because the needs were frozen in 2013.

2016 ITEMIZED TABULATION OF NEEDS

The 2016 money needs reflects an increase due to updating of the needs, new designations and an increase in unit prices. (See the Screening Board Resolutions for the unit prices used in the 2016 needs computation.)

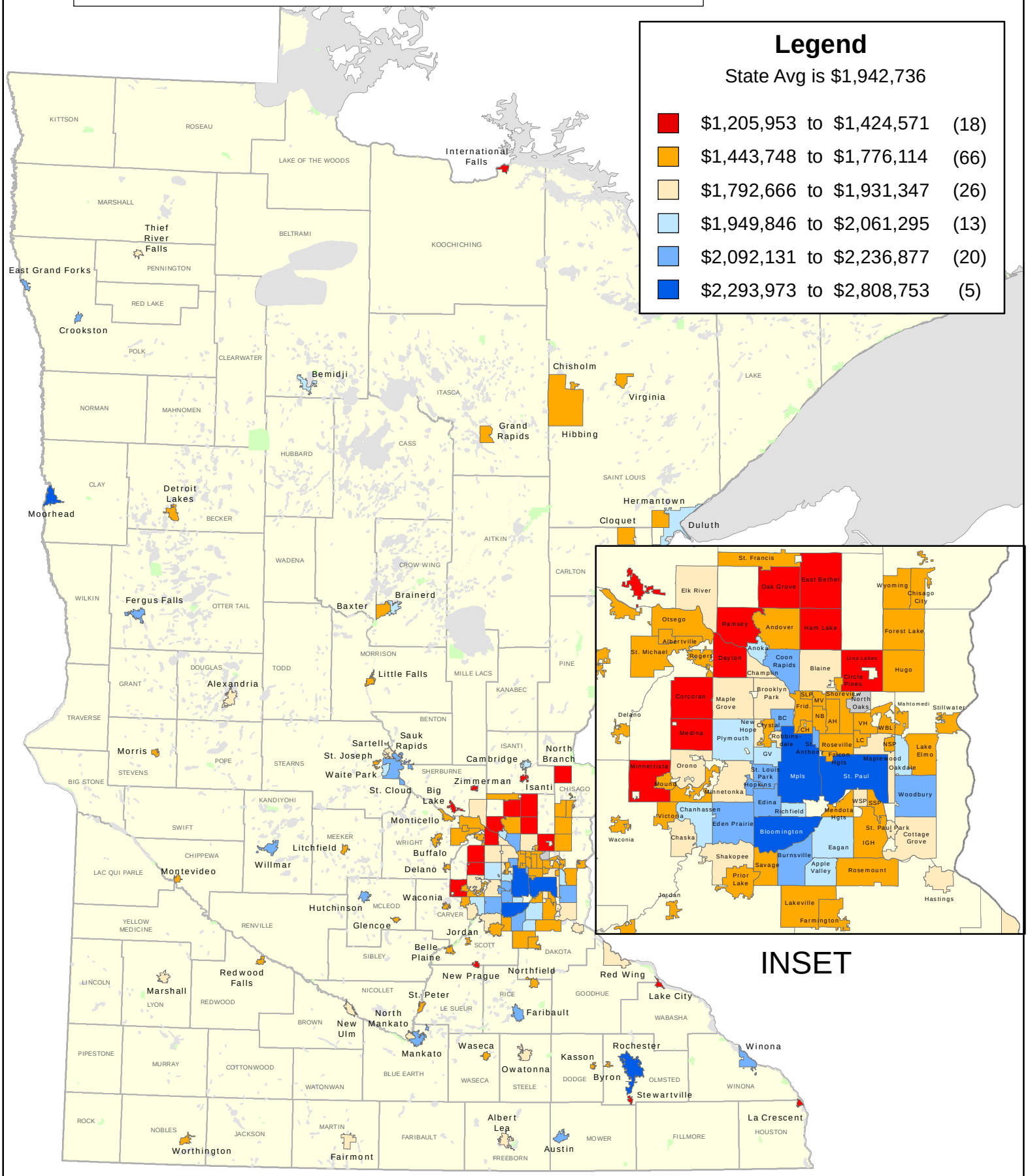
The 2016 itemized tabulation of needs on the following insert shows all construction items in the Municipal State Aid Needs Study, except for "after the fact' needs. The tabulation is provided to give each municipality the opportunity to compare its needs of the individual construction items to that of other cities.

The overall average cost per mile is $1,942,736 (up from $1,719,486 last year). Corcoran has the lowest cost per mile with $1,205,953 while St. Paul has the highest cost with $2,808,753 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, 2016



MnDOT's Disclaimer on Maps and Related Data can be found @ http://www.dot.state.mn.us/information/disclaimer.html

Source: State Aid.

NOTES AND COMMENTS

COMPARISON OF NEEDS BETWEEN 2015 and 2016

2016 Needs are computed for the January 2017 distribution

Needs Item	2015	2016	Difference	% increase
Grading/Excavation	$670,505,631	$689,755,315	$19,249,684	2.9
Total Storm Sewer	631,030,194	647,350,095	16,319,901	2.6
Gravel Base	919,413,490	947,619,015	28,205,525	3.1
Bituminous Surface	1,200,979,445	1,234,000,191	33,020,746	2.7
Curb and Gutter	575,990,250	591,759,269	15,769,019	2.7
Sidewalk Construction	780,651,696	807,389,544	26,737,848	3.4
Traffic Signals	275,858,125	283,781,253	7,923,128	2.9
Street Lighting	370,134,500	373,050,000	2,915,500	0.8
Structures	301,529,763	365,766,830	64,237,067	21.3
Engineering	1,259,740,775	1,306,903,780	47,163,005	3.7
Total Unadjusted Money Needs	**$6,985,833,869**	**$7,247,375,292**	**$261,541,423**	**3.7**
Total Needs Miles	3,701.25	3,730.50	29.25	0.8
ATF Right of Way	$96,022,478	$93,387,244	($2,635,234)	(2.7)
ATF Retaining Wall	3,531,917	3,685,030	153,113	4.3
ATF RR Crossing	317,988	1,080,911	762,923	239.9
ATF Bridge over MSAS Route	378,684	378,684	0	0.0

N:\MSAS\Book\2016 October Book\Comparison of Needs 2015 and 2016.xls

2016 MILEAGE REPORT

The Needs Study distinguishes between 'Total System Length' & 'Total Needs Length'. Among the reasons these categories differ are designations Outside City Limits and MSB approved One Way Mileage.

Total Needs Length for all cities is 3,730.50 miles.

Total System Length for all cities is 3,735.60 miles.

The 2016 Total System Length reflects an increase due to overall growth and to new designations.

The 2016 Mileage Report shows all categories of mileage used in the Municipal State Aid Needs Study. This tabulation is provided to give each city the opportunity to view their mileage for the various categories.

The information on the Mileage Report may also be helpful as you fill out your 2016 Annual Certification of Mileage form (which is due in January 2017). 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 31st, those revisions can also be included on your 2016 certification (submitted in January of 2017).

MSAS NEEDS MILEAGE COMPARISON

from 2015 to 2016

City	2015 MSAS Needs Mileage	2016 MSAS Needs Mileage	Difference in Mileage
ALBERT LEA	24.31	24.31	
ALBERTVILLE	7.15	7.51	0.36
ALEXANDRIA	33.29	33.29	
ANDOVER	42.75	43.29	0.54
ANOKA	15.42	15.42	
APPLE VALLEY	37.31	37.31	
ARDEN HILLS	7.53	7.53	
AUSTIN	30.21	30.21	
BAXTER	17.05	17.12	0.07
BELLE PLAINE	8.68	8.95	0.27
BEMIDJI	17.85	18.72	0.87
BIG LAKE	11.48	11.48	
BLAINE	49.68	50.18	0.50
BLOOMINGTON	76.12	76.12	
BRAINERD	19.16	19.16	
BROOKLYN CENTER	21.34	21.34	
BROOKLYN PARK	60.14	60.14	
BUFFALO	17.17	17.19	0.02
BURNSVILLE	44.77	44.77	
BYRON	5.47	5.60	0.13
CAMBRIDGE	16.37	16.37	
CHAMPLIN	19.92	20.07	0.15
CHANHASSEN	22.76	22.76	
CHASKA	20.95	20.95	
CHISAGO CITY	8.10	8.10	
CHISHOLM	8.41	8.41	
CIRCLE PINES	3.60	3.60	
CLOQUET	22.20	22.35	0.15
COLUMBIA HEIGHTS	12.50	12.50	
COON RAPIDS	43.23	43.23	
CORCORAN	15.53	15.53	
COTTAGE GROVE	35.31	35.31	
CROOKSTON	11.58	11.58	
CRYSTAL	17.47	17.47	
DAYTON	9.72	10.62	0.90
DELANO	6.21	6.21	
DETROIT LAKES	24.52	24.52	
DULUTH	116.71	116.71	
EAGAN	48.92	49.03	0.11
EAST BETHEL	28.53	28.84	0.31
EAST GRAND FORKS	16.99	16.99	
EDEN PRAIRIE	48.54	48.54	
EDINA	40.85	40.85	
ELK RIVER	38.27	38.27	
FAIRMONT	20.12	20.12	
FALCON HEIGHTS	3.29	3.29	
FARIBAULT	24.07	24.07	
FARMINGTON	16.69	16.69	
FERGUS FALLS	26.18	26.18	
FOREST LAKE	33.83	33.83	

City	2015 MSAS Needs Mileage	2016 MSAS Needs Mileage	Difference in Mileage
FRIDLEY	22.89	22.90	0.01
GLENCOE	8.39	8.39	
GOLDEN VALLEY	23.74	23.74	
GRAND RAPIDS	25.68	25.68	
HAM LAKE	33.55	33.74	0.19
HASTINGS	22.45	22.61	0.16
HERMANTOWN	18.65	18.65	
HIBBING	54.07	54.19	0.12
HOPKINS	9.99	9.99	
HUGO	21.19	21.19	
HUTCHINSON	18.49	18.49	
INTERNATIONAL FALLS	7.12	8.08	0.96
INVER GROVE HEIGHTS	33.64	34.13	0.49
ISANTI	6.89	6.89	
JORDAN	6.09	6.09	
KASSON	6.20	6.30	0.10
LA CRESCENT	5.84	5.84	
LAKE CITY	8.39	8.39	
LAKE ELMO	16.30	16.30	
LAKEVILLE	63.01	66.66	3.65
LINO LAKES	23.71	23.84	0.13
LITCHFIELD	8.77	8.77	
LITTLE CANADA	11.35	11.35	
LITTLE FALLS	21.75	21.75	
MAHTOMEDI	9.53	9.56	0.03
MANKATO	38.18	40.26	2.08
MAPLE GROVE	56.86	57.10	0.24
MAPLEWOOD	36.68	36.68	
MARSHALL	18.78	18.78	
MEDINA	12.41	12.59	0.18
MENDOTA HEIGHTS	14.57	15.17	0.60
MINNEAPOLIS	206.66	206.82	0.16
MINNETONKA	51.16	51.19	0.03
MINNETRISTA	12.98	12.98	
MONTEVIDEO	8.83	8.83	
MONTICELLO	12.19	12.19	
MOORHEAD	45.78	48.01	2.23
MORRIS	9.09	9.18	0.09
MOUND	7.94	7.94	
MOUNDS VIEW	10.86	10.86	
NEW BRIGHTON	15.22	15.22	
NEW HOPE	12.86	12.86	
NEW PRAGUE	7.74	7.76	0.02
NEW ULM	17.68	18.01	0.33
NORTH BRANCH	27.81	27.81	
NORTH MANKATO	15.77	15.77	
NORTH ST PAUL	11.34	11.34	
NORTHFIELD	17.06	17.06	
OAK GROVE	25.73	25.73	
OAKDALE	19.39	19.39	

City	2015 MSAS Needs Mileage	2016 MSAS Needs Mileage	Difference in Mileage
ORONO	9.45	9.45	
OTSEGO	22.47	23.72	1.25
OWATONNA	34.64	34.64	
PLYMOUTH	62.81	64.04	1.23
PRIOR LAKE	20.44	21.67	1.23
RAMSEY	37.86	37.86	
RED WING	24.87	24.87	
REDWOOD FALLS	10.52	10.52	
RICHFIELD	24.67	24.67	
ROBBINSDALE	10.05	10.05	
ROCHESTER	101.45	103.91	2.46
ROGERS	21.15	21.37	0.22
ROSEMOUNT	28.31	29.15	0.84
ROSEVILLE	29.12	30.96	1.84
SARTELL	18.39	18.52	0.13
SAUK RAPIDS	14.21	14.21	
SAVAGE	27.24	27.24	
SHAKOPEE	37.49	37.49	
SHOREVIEW	19.69	19.69	
SHOREWOOD	9.20	9.20	
SOUTH ST PAUL	17.46	17.46	
SPRING LAKE PARK	5.82	5.82	
ST ANTHONY	5.95	5.95	
ST CLOUD	64.30	64.30	
ST FRANCIS	13.45	13.45	
ST JOSEPH	5.53	6.66	1.13
ST LOUIS PARK	33.02	33.02	
ST MICHAEL	22.63	22.75	0.12
ST PAUL	164.73	164.73	
ST PAUL PARK	6.06	6.06	
ST PETER	15.42	15.42	
STEWARTVILLE	4.71	4.71	
STILLWATER	18.25	18.25	
THIEF RIVER FALLS	16.21	16.15	(0.06)
VADNAIS HEIGHTS	9.17	9.17	
VICTORIA	7.43	7.43	
VIRGINIA	17.14	17.14	
WACONIA	12.32	12.32	
WAITE PARK	7.02	7.02	
WASECA	7.71	7.71	
WEST ST PAUL	13.58	13.58	
WHITE BEAR LAKE	21.02	21.02	
WILLMAR	27.87	27.87	
WINONA	21.76	21.86	0.10
WOODBURY	55.40	57.52	2.12
WORTHINGTON	11.34	11.79	0.45
WYOMING	15.92	15.92	
ZIMMERMAN	6.50	6.51	0.01
Total	**3,701.25**	**3,730.50**	**29.25**

2016 CONSTRUCTION NEEDS &
2017 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 these "unadjusted" construction needs.

- Phase In (or Restriction)
- 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
- Trunk Highway Turnback Maintenance (none for 2016)

By applying these adjustments and 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 2017. The allocations in this book are based on a projected money needs apportionment of $86,806,018.

The data on the following pages are for the Screening Board's use in determining the Tentative 2016 Construction Needs. These tabulations show the impact of the individual adjustments and the tentative allocations to each city.

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 2017

Bandwidth is - 5.00% and + 10.00% from the Statewide Average Percent of Change. State Average Percent of Change is **2.86%**. Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **-2.14%**, but not more than **12.86%** from the Restricted Needs from January 2016. Otherwise the restriction is applied.

41 Cities received the Lower Restriction
29 Cities received the Upper Restriction
78 Cities received No Restriction

	Restricted Needs for Jan. 2016 Distribution	Unadjusted Construction Needs for Jan. 2017 Distribution	Percent of Change from Jan. 2016 to Oct. 2016	Lower Restriction (-2.14%)	Upper Restriction (12.86%)	No Restriction	Restricted Needs For Jan. 2017 Distribution
Albert Lea	$47,185,732	$45,736,981	(3.07)	$46,175,957	$0	$0	**$46,175,957**
Albertville	13,289,240	13,338,618	0.37	0	0	13,338,618	**13,338,618**
Alexandria	58,550,435	59,677,837	1.93	0	0	59,677,837	**59,677,837**
Andover	68,214,099	62,499,852	(8.38)	66,754,317	0	0	**66,754,317**
Anoka	29,085,792	30,514,892	4.91	0	0	30,514,892	**30,514,892**
Apple Valley	74,431,572	75,849,518	1.91	0	0	75,849,518	**75,849,518**
Arden Hills	11,058,796	11,284,196	2.04	0	0	11,284,196	**11,284,196**
Austin	60,819,998	63,598,079	4.57	0	0	63,598,079	**63,598,079**
Baxter	27,395,487	30,244,496	10.40	0	0	30,244,496	**30,244,496**
Belle Plaine	13,120,143	15,610,126	18.98	0	14,807,393	0	**14,807,393**
Bemidji	29,957,459	36,501,117	21.84	0	33,809,989	0	**33,809,989**
Big Lake	16,057,329	16,354,079	1.85	0	0	16,354,079	**16,354,079**
Blaine	67,826,645	93,568,892	37.95	0	76,549,151	0	**76,549,151**
Bloomington	170,432,016	174,617,233	2.46	0	0	174,617,233	**174,617,233**
Brainerd	36,800,202	38,375,841	4.28	0	0	38,375,841	**38,375,841**
Brooklyn Center	26,643,279	44,710,918	67.81	0	30,069,605	0	**30,069,605**
Brooklyn Park	78,513,917	115,128,225	46.63	0	88,610,806	0	**88,610,806**
Buffalo	33,815,395	30,020,490	(11.22)	33,091,746	0	0	**33,091,746**
Burnsville	103,109,453	96,091,634	(6.81)	100,902,910	0	0	**100,902,910**
Byron	7,697,421	9,398,737	22.10	0	8,687,309	0	**8,687,309**
Cambridge	21,231,562	32,199,206	51.66	0	23,961,941	0	**23,961,941**
Champlin	35,711,134	37,574,448	5.22	0	0	37,574,448	**37,574,448**
Chanhassen	36,433,370	44,384,564	21.82	0	41,118,702	0	**41,118,702**

	Restricted Needs for Jan. 2016 Distribution	Unadjusted Construction Needs for Jan. 2017 Distribution	Percent of Change from Jan. 2016 to Oct. 2016	Lower Restriction (-2.14%)	Upper Restriction (12.86%)	No Restriction	Restricted Needs For Jan. 2017 Distribution
Chaska	$38,058,816	$39,294,348	3.25	$0	$0	$39,294,348	**$39,294,348**
Chisago City	11,685,782	11,901,759	1.85	0	0	11,901,759	**11,901,759**
Chisholm	14,632,062	12,500,471	(14.57)	14,318,936	0	0	**14,318,936**
Circle Pines	5,261,644	5,413,158	2.88	0	0	5,413,158	**5,413,158**
Cloquet	33,940,963	35,601,610	4.89	0	0	35,601,610	**35,601,610**
Columbia Heights	24,140,479	20,898,104	(13.43)	23,623,873	0	0	**23,623,873**
Coon Rapids	90,002,776	92,826,714	3.14	0	0	92,826,714	**92,826,714**
Corcoran	21,136,883	18,728,451	(11.39)	20,684,553	0	0	**20,684,553**
Cottage Grove	64,018,452	63,683,113	(0.52)	0	0	63,683,113	**63,683,113**
Crookston	31,190,656	24,815,463	(20.44)	30,523,176	0	0	**30,523,176**
Crystal	23,914,791	27,597,064	15.40	0	26,990,234	0	**26,990,234**
Dayton	11,052,558	13,831,267	25.14	0	12,473,917	0	**12,473,917**
Delano	13,832,850	10,622,481	(23.21)	13,536,827	0	0	**13,536,827**
Detroit Lakes	34,799,931	42,412,004	21.87	0	39,275,202	0	**39,275,202**
Duluth	286,904,371	240,298,696	(16.24)	280,764,617	0	0	**280,764,617**
Eagan	113,528,323	100,274,855	(11.67)	111,098,817	0	0	**111,098,817**
East Bethel	42,988,372	35,546,746	(17.31)	42,068,421	0	0	**42,068,421**
East Grand Forks	37,499,133	37,570,365	0.19	0	0	37,570,365	**37,570,365**
Eden Prairie	99,977,692	104,633,102	4.66	0	0	104,633,102	**104,633,102**
Edina	79,283,757	89,283,910	12.61	0	0	89,283,910	**89,283,910**
Elk River	69,576,847	71,480,110	2.74	0	0	71,480,110	**71,480,110**
Fairmont	37,395,454	37,053,766	(0.91)	0	0	37,053,766	**37,053,766**
Falcon Heights	4,887,925	5,180,046	5.98	0	0	5,180,046	**5,180,046**
Faribault	50,091,569	52,570,907	4.95	0	0	52,570,907	**52,570,907**
Farmington	30,595,582	28,288,924	(7.54)	29,940,837	0	0	**29,940,837**
Fergus Falls	55,629,214	57,643,718	3.62	0	0	57,643,718	**57,643,718**
Forest Lake	63,327,985	52,446,055	(17.18)	61,972,766	0	0	**61,972,766**
Fridley	39,684,733	38,648,158	(2.61)	38,835,480	0	0	**38,835,480**
Glencoe	13,850,185	12,999,071	(6.15)	13,553,791	0	0	**13,553,791**
Golden Valley	45,964,170	47,118,074	2.51	0	0	47,118,074	**47,118,074**
Grand Rapids	56,560,908	43,246,893	(23.54)	55,350,504	0	0	**55,350,504**
Ham Lake	43,744,287	43,646,780	(0.22)	0	0	43,646,780	**43,646,780**
Hastings	23,913,920	43,000,091	79.81	0	26,989,250	0	**26,989,250**

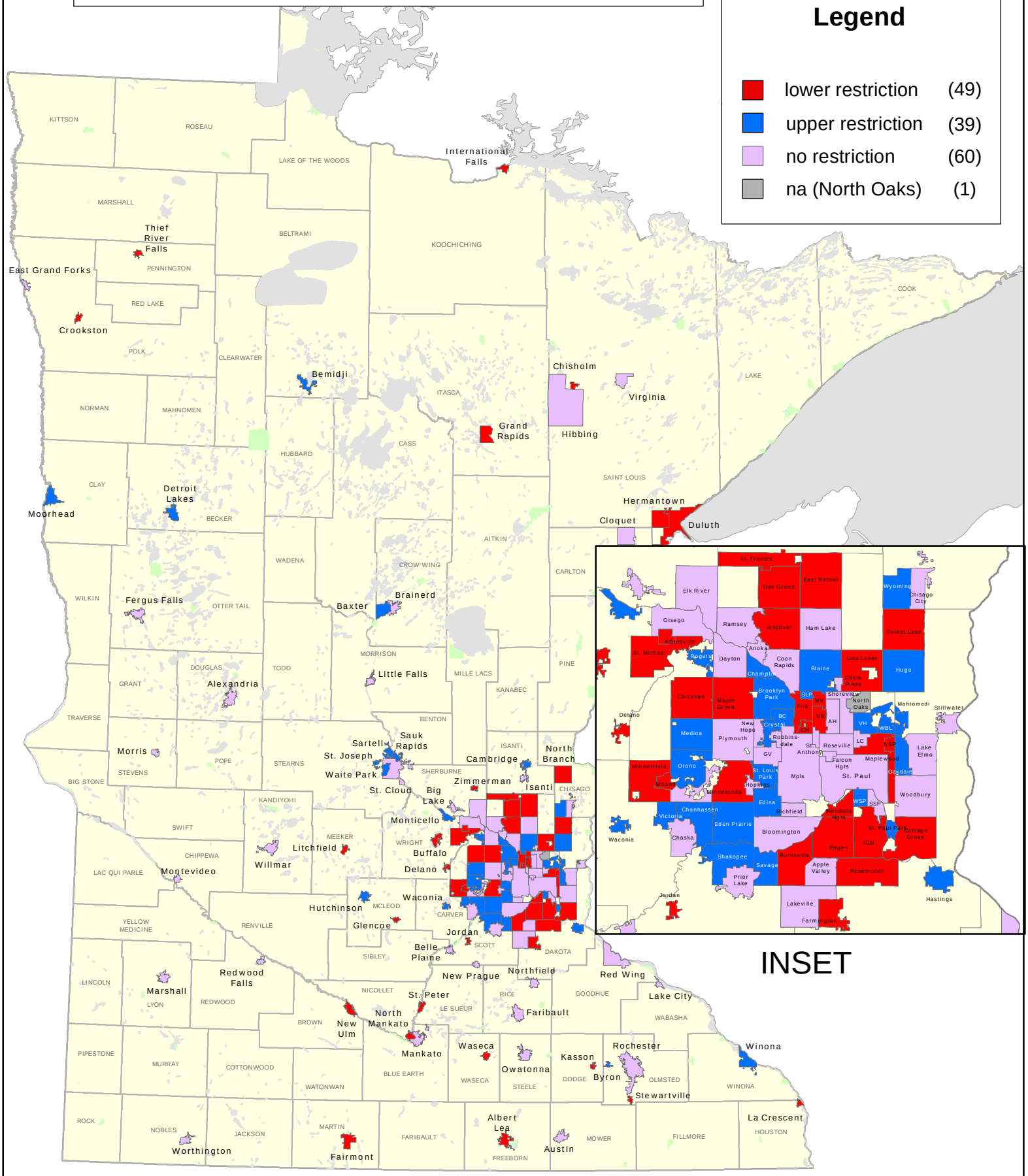
	Restricted Needs for Jan. 2016 Distribution	Unadjusted Construction Needs for Jan. 2017 Distribution	Percent of Change from Jan. 2016 to Oct. 2016	Lower Restriction (-2.14%)	Upper Restriction (12.86%)	No Restriction	Restricted Needs For Jan. 2017 Distribution
Hermantown	$34,859,747	$32,211,649	(7.60)	$34,113,748	$0	$0	**$34,113,748**
Hibbing	78,417,905	79,357,974	1.20	0	0	79,357,974	**79,357,974**
Hopkins	20,931,180	21,331,279	1.91	0	0	21,331,279	**21,331,279**
Hugo	30,373,137	31,276,879	2.98	0	0	31,276,879	**31,276,879**
Hutchinson	31,577,690	40,136,982	27.11	0	35,638,581	0	**35,638,581**
International Falls	10,999,731	11,254,244	2.31	0	0	11,254,244	**11,254,244**
Inver Grove Heights	63,336,260	58,328,532	(7.91)	61,980,864	0	0	**61,980,864**
Isanti	9,402,642	9,575,800	1.84	0	0	9,575,800	**9,575,800**
Jordan	12,030,275	10,184,374	(15.34)	11,772,827	0	0	**11,772,827**
Kasson	10,089,981	10,079,303	(0.11)	0	0	10,079,303	**10,079,303**
La Crescent	9,446,047	8,256,245	(12.60)	9,243,901	0	0	**9,243,901**
Lake City	11,657,574	11,872,457	1.84	0	0	11,872,457	**11,872,457**
Lake Elmo	24,655,414	25,501,443	3.43	0	0	25,501,443	**25,501,443**
Lakeville	105,649,823	115,131,478	8.97	0	0	115,131,478	**115,131,478**
Lino Lakes	43,809,878	33,000,287	(24.67)	42,872,347	0	0	**42,872,347**
Litchfield	16,709,262	12,909,030	(22.74)	16,351,684	0	0	**16,351,684**
Little Canada	18,421,712	18,791,195	2.01	0	0	18,791,195	**18,791,195**
Little Falls	32,475,428	33,078,361	1.86	0	0	33,078,361	**33,078,361**
Mahtomedi	10,354,593	14,092,984	36.10	0	11,686,194	0	**11,686,194**
Mankato	84,093,978	89,665,233	6.63	0	0	89,665,233	**89,665,233**
Maple Grove	117,510,432	109,071,155	(7.18)	114,995,709	0	0	**114,995,709**
Maplewood	70,572,612	67,253,534	(4.70)	69,062,358	0	0	**69,062,358**
Marshall	33,463,476	34,525,045	3.17	0	0	34,525,045	**34,525,045**
Medina	11,563,959	16,945,948	46.54	0	13,051,084	0	**13,051,084**
Mendota Heights	25,980,201	24,606,893	(5.29)	25,424,225	0	0	**25,424,225**
Minneapolis	548,004,003	575,257,853	4.97	0	0	575,257,853	**575,257,853**
Minnetonka	96,910,641	92,806,023	(4.24)	94,836,754	0	0	**94,836,754**
Minnetrista	21,738,508	15,682,028	(27.86)	21,273,303	0	0	**21,273,303**
Montevideo	13,306,857	13,554,888	1.86	0	0	13,554,888	**13,554,888**
Monticello	19,012,507	20,702,696	8.89	0	0	20,702,696	**20,702,696**
Moorhead	110,177,846	123,018,800	11.65	0	0	123,018,800	**123,018,800**
Morris	13,797,368	14,201,590	2.93	0	0	14,201,590	**14,201,590**
Mound	16,241,872	12,191,984	(24.93)	15,894,296	0	0	**15,894,296**

	Restricted Needs for Jan. 2016 Distribution	Unadjusted Construction Needs for Jan. 2017 Distribution	Percent of Change from Jan. 2016 to Oct. 2016	Lower Restriction (-2.14%)	Upper Restriction (12.86%)	No Restriction	Restricted Needs For Jan. 2017 Distribution
Mounds View	$16,888,758	$16,540,887	(2.06)	$0	$0	$16,540,887	**$16,540,887**
New Brighton	26,206,410	23,726,037	(9.46)	25,645,593	0	0	**25,645,593**
New Hope	24,279,025	24,740,669	1.90	0	0	24,740,669	**24,740,669**
New Prague	10,304,888	10,685,676	3.70	0	0	10,685,676	**10,685,676**
New Ulm	35,887,295	33,281,095	(7.26)	35,119,307	0	0	**35,119,307**
North Branch	47,349,096	37,863,739	(20.03)	46,335,825	0	0	**46,335,825**
North Mankato	30,702,810	30,274,962	(1.39)	0	0	30,274,962	**30,274,962**
North St. Paul	20,606,192	18,119,236	(12.07)	20,165,219	0	0	**20,165,219**
Northfield	29,295,886	30,286,596	3.38	0	0	30,286,596	**30,286,596**
Oak Grove	38,041,852	34,558,979	(9.16)	37,227,756	0	0	**37,227,756**
Oakdale	22,906,851	37,910,610	65.50	0	25,852,672	0	**25,852,672**
Orono	14,048,000	17,154,198	22.11	0	15,854,573	0	**15,854,573**
Otsego	33,553,520	37,103,424	10.58	0	0	37,103,424	**37,103,424**
Owatonna	64,311,679	65,999,166	2.62	0	0	65,999,166	**65,999,166**
Plymouth	123,647,131	130,072,208	5.20	0	0	130,072,208	**130,072,208**
Prior Lake	29,719,501	33,577,692	12.98	0	33,541,429	0	**33,541,429**
Ramsey	52,946,934	53,835,728	1.68	0	0	53,835,728	**53,835,728**
Red Wing	45,850,439	46,336,378	1.06	0	0	46,336,378	**46,336,378**
Redwood Falls	15,111,184	15,591,921	3.18	0	0	15,591,921	**15,591,921**
Richfield	49,901,887	50,852,156	1.90	0	0	50,852,156	**50,852,156**
Robbinsdale	17,891,275	18,425,708	2.99	0	0	18,425,708	**18,425,708**
Rochester	235,273,123	250,746,821	6.58	0	0	250,746,821	**250,746,821**
Rogers	34,055,464	37,530,702	10.20	0	0	37,530,702	**37,530,702**
Rosemount	50,815,969	46,391,790	(8.71)	49,728,507	0	0	**49,728,507**
Roseville	45,803,997	49,110,901	7.22	0	0	49,110,901	**49,110,901**
Sartell	31,807,058	34,783,329	9.36	0	0	34,783,329	**34,783,329**
Sauk Rapids	26,755,640	30,948,840	15.67	0	30,196,416	0	**30,196,416**
Savage	39,809,147	47,865,715	20.24	0	44,928,604	0	**44,928,604**
Shakopee	56,775,046	67,695,613	19.23	0	64,076,317	0	**64,076,317**
Shoreview	31,720,268	32,441,806	2.27	0	0	32,441,806	**32,441,806**
Shorewood	14,966,397	15,247,880	1.88	0	0	15,247,880	**15,247,880**
South St. Paul	28,687,612	29,238,876	1.92	0	0	29,238,876	**29,238,876**
Spring Lake Park	7,158,949	10,054,084	40.44	0	8,079,589	0	**8,079,589**

	Restricted Needs for Jan. 2016 Distribution	Unadjusted Construction Needs for Jan. 2017 Distribution	Percent of Change from Jan. 2016 to Oct. 2016	Lower Restriction (-2.14%)	Upper Restriction (12.86%)	No Restriction	Restricted Needs For Jan. 2017 Distribution
St. Anthony	$12,215,166	$12,600,527	3.15	$0	$0	$12,600,527	**$12,600,527**
St. Cloud	138,638,170	143,188,238	3.28	0	0	143,188,238	**143,188,238**
St. Francis	26,104,451	19,454,830	(25.47)	25,545,816	0	0	**25,545,816**
St. Joseph	3,670,082	10,125,376	175.89	0	4,142,054	0	**4,142,054**
St. Louis Park	66,202,700	73,861,691	11.57	0	0	73,861,691	**73,861,691**
St. Michael	49,217,032	34,758,508	(29.38)	48,163,787	0	0	**48,163,787**
St. Paul	438,072,877	462,685,921	5.62	0	0	462,685,921	**462,685,921**
St. Paul Park	9,472,188	11,703,963	23.56	0	10,690,311	0	**10,690,311**
St. Peter	28,974,604	25,621,412	(11.57)	28,354,548	0	0	**28,354,548**
Stewartville	6,489,290	6,564,633	1.16	0	0	6,564,633	**6,564,633**
Stillwater	31,126,265	31,733,856	1.95	0	0	31,733,856	**31,733,856**
Thief River Falls	41,482,446	31,153,378	(24.90)	40,594,722	0	0	**40,594,722**
Vadnais Heights	13,131,103	15,291,682	16.45	0	14,819,763	0	**14,819,763**
Victoria	9,228,236	10,835,894	17.42	0	10,414,988	0	**10,414,988**
Virginia	27,929,984	29,019,504	3.90	0	0	29,019,504	**29,019,504**
Waconia	19,063,781	21,011,426	10.22	0	0	21,011,426	**21,011,426**
Waite Park	10,301,141	14,351,001	39.31	0	11,625,867	0	**11,625,867**
Waseca	13,051,123	12,559,708	(3.77)	12,771,829	0	0	**12,771,829**
West St. Paul	19,976,224	24,545,911	22.88	0	22,545,167	0	**22,545,167**
White Bear Lake	27,392,556	35,308,014	28.90	0	30,915,238	0	**30,915,238**
Willmar	56,068,421	58,307,681	3.99	0	0	58,307,681	**58,307,681**
Winona	44,132,547	46,276,872	4.86	0	0	46,276,872	**46,276,872**
Woodbury	110,826,551	120,679,687	8.89	0	0	120,679,687	**120,679,687**
Worthington	19,567,100	20,382,799	4.17	0	0	20,382,799	**20,382,799**
Wyoming	23,214,608	23,911,049	3.00	0	0	23,911,049	**23,911,049**
Zimmerman	9,298,528	8,257,890	(11.19)	9,099,539	0	0	**9,099,539**
Total	**$7,045,952,541**	**$7,247,375,292**	**2.86%**	**$1,879,771,993**	**$811,402,346**	**$4,614,576,913**	**$7,305,751,252**

NOTES AND COMMENTS

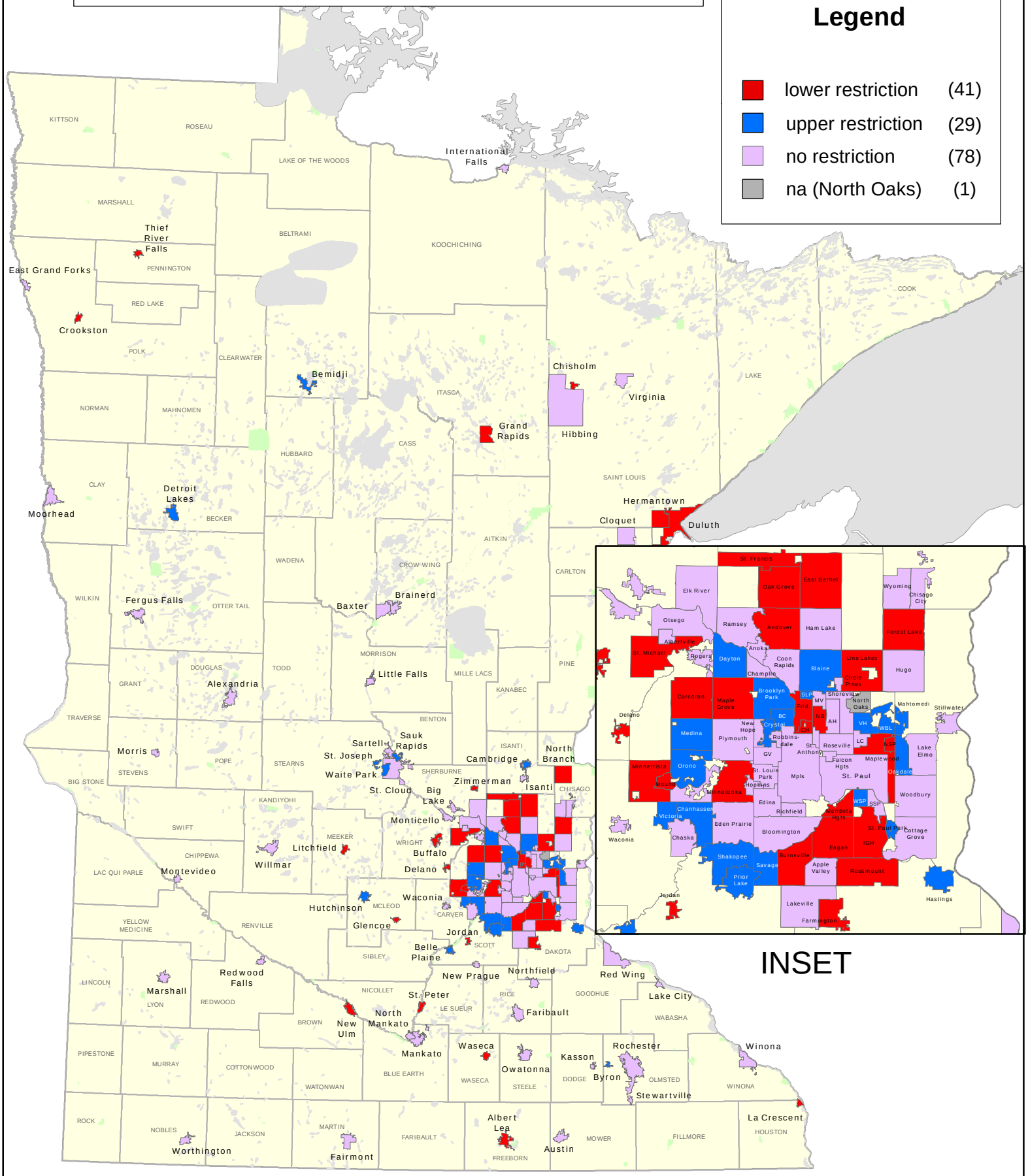
Restricted Cities, 2015



MnDOT's Disclaimer on Maps and Related Data can be found @ http://www.dot.state.mn.us/information/disclaimer.html

Source: State Aid

Restricted Cities, 2016



MnDOT's Disclaimer on Maps and Related Data can be found @ http://www.dot.state.mn.us/information/disclaimer.html

Source: State Aid

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 17, 2016 balance is used for this estimate. The final adjustment will be made using the December 31, 2016 construction fund balances.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

no cities had this adjustment in 2015 or 2016

Municipality	January 2016 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2016	Ratio bet. Balance & City's 2016 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2017 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Albert Lea	$735,883	$1,497,957	2.036						
Albertville	314,833	314,893	1.000						
Alexandria	760,447	(1,335,499)	(1.756)				$59,677,837	0.0157	$273,047
Andover	1,161,947	0	0.000				66,754,317	0.0176	305,425
Anoka	563,084	(1,335,222)	(2.371)				30,514,892	0.0080	139,616
Apple Valley	1,514,695	864,328	0.571				75,849,518	0.0200	347,038
Arden Hills	264,361	(582,364)	(2.203)				11,284,196	0.0030	51,629
Austin	1,211,018	4,162,738	3.437	2017	1	(4,162,738)			
Baxter	389,762	510,235	1.309						
Belle Plaine	243,812	0	0.000				14,807,393	0.0039	67,749
Bemidji	524,040	718,533	1.371						
Big Lake	294,249	463,272	1.574						
Blaine	1,717,723	1,687,074	0.982				76,549,151	0.0202	350,239
Bloomington	2,656,588	8,153,200	3.069	2017	1	(8,153,200)			
Brainerd	745,944	(691,183)	(0.927)				38,375,841	0.0101	175,583
Brooklyn Center	884,235	0	0.000				30,069,605	0.0079	137,579
Brooklyn Park	2,004,578	0	0.000				88,610,806	0.0233	405,426
Buffalo	590,296	(1,431,897)	(2.426)				33,091,746	0.0087	151,406
Burnsville	1,986,043	(256,203)	(0.129)				100,902,910	0.0266	461,666
Byron	159,357	159,357	1.000						
Cambridge	421,354	0	0.000				23,961,941	0.0063	109,634
Champlin	717,293	534,664	0.745				37,574,448	0.0099	171,916
Chanhassen	896,365	(506,320)	(0.565)				41,118,702	0.0108	188,133
Chaska	775,083	391,824	0.506				39,294,348	0.0104	179,786
Chisago City	192,387	0	0.000				11,901,759	0.0031	54,455
Chisholm	218,551	87,474	0.400				14,318,936	0.0038	65,514
Circle Pines	173,061	345,053	1.994						
Cloquet	448,067	960,588	2.144						
Columbia Heights	480,148	0	0.000				23,623,873	0.0062	108,088
Coon Rapids	2,411,653	(1,081,930)	(0.449)				92,826,714	0.0245	424,715
Corcoran	247,881	1,384,359	5.585			No Adjustment			
Cottage Grove	1,537,080	0	0.000				63,683,113	0.0168	291,373
Crookston	418,106	217,490	0.520				30,523,176	0.0080	139,654
Crystal	598,574	0	0.000				26,990,234	0.0071	123,490
Dayton	185,635	521,832	2.811						

Municipality	January 2016 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2016	Ratio bet. Balance & City's 2016 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2017 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Delano	$214,133	($7,200)	(0.034)				$13,536,827	0.0036	$61,936
Detroit Lakes	471,967	(1,179,588)	(2.499)				39,275,202	0.0103	179,698
Duluth	3,942,069	4,544,070	1.153						
Eagan	2,757,564	(3,180,000)	(1.153)				111,098,817	0.0293	508,316
East Bethel	590,080	911,324	1.544						
East Grand Forks	380,478	28,742	0.076				37,570,365	0.0099	171,898
Eden Prairie	2,556,326	7,316,678	2.862						
Edina	1,575,541	2,551,106	1.619						
Elk River	1,057,453	623,276	0.589				71,480,110	0.0188	327,047
Fairmont	521,486	338,592	0.649				37,053,766	0.0098	169,534
Falcon Heights	117,895	447,048	3.792			No Adjustment			
Faribault	860,458	228,504	0.266				52,570,907	0.0139	240,530
Farmington	658,204	0	0.000				29,940,837	0.0079	136,990
Fergus Falls	737,544	907,644	1.231						
Forest Lake	907,351	248,760	0.274				61,972,766	0.0163	283,547
Fridley	723,978	1,256,307	1.735						
Glencoe	270,509	351,011	1.298						
Golden Valley	701,932	1,596,299	2.274						
Grand Rapids	647,735	802,783	1.239						
Ham Lake	671,558	497,752	0.741				43,646,780	0.0115	199,699
Hastings	599,128	420,207	0.701				26,989,250	0.0071	123,485
Hermantown	580,711	606,544	1.044						
Hibbing	921,140	1,464,069	1.589						
Hopkins	512,269	(579,118)	(1.130)				21,331,279	0.0056	97,598
Hugo	517,383	0	0.000				31,276,879	0.0082	143,103
Hutchinson	676,332	1,183,345	1.750						
International Falls	268,232	816,845	3.045			No Adjustment			
Inver Grove Heights	1,176,142	1,486,672	1.264						
Isanti	177,349	(383,759)	(2.164)				9,575,800	0.0025	43,813
Jordan	213,816	(543,121)	(2.540)				11,772,827	0.0031	53,865
Kasson	196,056	921,160	4.698			No Adjustment			
LaCrescent	221,184	364,386	1.647						
Lake City	192,091	0	0.000				11,872,457	0.0031	54,321
Lake Elmo	368,197	952,735	2.588						
Lakeville	2,169,294	(475,056)	(0.219)				115,131,478	0.0303	526,767
Lino Lakes	760,568	(325,980)	(0.429)				42,872,347	0.0113	196,156
Litchfield	266,494	1,236,433	4.640			No Adjustment			
Little Canada	335,848	(949,682)	(2.828)				18,791,195	0.0050	85,976
Little Falls	577,563	199,973	0.346				33,078,361	0.0087	151,345

Municipality	January 2016 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2016	Ratio bet. Balance & City's 2016 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2017 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Mahtomedi	$230,671	$1,288,269	5.585			No Adjustment			
Mankato	1,467,829	0	0.000				$89,665,233	0.0236	$410,250
Maple Grove	2,184,132	1,434,064	0.657				114,995,709	0.0303	526,146
Maplewood	1,389,190	(1,633,306)	(1.176)				69,062,358	0.0182	315,985
Marshall	699,446	(1,096,259)	(1.567)				34,525,045	0.0091	157,964
Medina	204,193	908,064	4.447			No Adjustment			
Mendota Heights	425,809	673,811	1.582						
Minneapolis	10,371,410	24,558,977	2.368						
Minnetonka	2,217,853	3,292,860	1.485						
Minnetrista	314,010	1,616,810	5.149	2017	1	(1,616,810)			
Montevideo	270,229	270,796	1.002						
Monticello	395,694	395,694	1.000						
Moorhead	1,740,862	1,215,680	0.698				123,018,800	0.0324	562,854
Morris	217,940	205,941	0.945				14,201,590	0.0037	64,977
Mound	305,919	(187,582)	(0.613)				15,894,296	0.0042	72,722
Mounds View	364,924	0	0.000				16,540,887	0.0044	75,680
New Brighton	613,097	(3,065,485)	(5.000)				25,645,593	0.0068	117,338
New Hope	574,272	(2,800,506)	(4.877)				24,740,669	0.0065	113,197
New Prague	220,037	(278,706)	(1.267)				10,685,676	0.0028	48,891
New Ulm	715,249	404,592	0.566				35,119,307	0.0093	160,683
North Branch	597,610	1,214,534	2.032						
North Mankato	432,578	(2,243,464)	(5.186)				30,274,962	0.0080	138,519
North St. Paul	395,329	1,092,529	2.764						
Northfield	611,224	1,088,169	1.780						
Oak Grove	493,792	576,131	1.167						
Oakdale	698,533	1,182,033	1.692						
Orono	220,509	1,085,015	4.921			No Adjustment			
Otsego	560,677	1,447,258	2.581						
Owatonna	1,310,719	1,612,895	1.231						
Plymouth	2,379,959	17,158	0.007				130,072,208	0.0343	595,126
Prior Lake	603,966	(496,208)	(0.822)				33,541,429	0.0088	153,464
Ramsey	725,397	842,749	1.162						
Red Wing	614,780	42,476	0.069				46,336,378	0.0122	212,005
Redwood Falls	226,763	32,505	0.143				15,591,921	0.0041	71,339
Richfield	1,228,025	36,692	0.030				50,852,156	0.0134	232,667
Robbinsdale	530,245	873,208	1.647						
Rochester	4,498,079	236,747	0.053				250,746,821	0.0661	1,147,255
Rogers	517,570	1,833,472	3.542	2017	1	(1,833,472)			
Rosemount	1,089,066	1,712,496	1.572						

Municipality	January 2016 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2016	Ratio bet. Balance & City's 2016 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2017 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Roseville	$1,007,158	$502,001	0.498				$49,110,901	0.0129	224,700
Sartell	745,596	(2,520,097)	(3.380)				$34,783,329	0.0092	$159,146
Sauk Rapids	609,398	440,467	0.723				$30,196,416	0.0080	138,159
Savage	1,106,456	1,445,192	1.306						
Shakopee	1,028,906	0	0.000				64,076,317	0.0169	293,172
Shoreview	725,105	(259,112)	(0.357)				32,441,806	0.0085	148,433
Shorewood	264,065	419,353	1.588						
South Saint Paul	603,088	1,744,694	2.893						
Spring Lake Park	176,127	0	0.000				8,079,589	0.0021	36,967
St. Anthony	263,251	0	0.000				12,600,527	0.0033	57,652
St Cloud	2,397,618	462,975	0.193				143,188,238	0.0377	655,137
St Francis	361,633	807,783	2.234						
St Joseph	148,788	1,600,562	10.757	2017	1	(1,600,562)			
St Louis Park	1,226,894	2,038,676	1.662						
St Michael	736,265	106,857	0.145				48,163,787	0.0127	220,366
St Paul	8,679,962	11,673,165	1.345						
St Paul Park	176,968	314,981	1.780						
St Peter	501,351	79,358	0.158				28,354,548	0.0075	129,732
Stewartville	164,538	(377,935)	(2.297)				6,564,633	0.0017	30,036
Stillwater	603,811	716,946	1.187						
Thief River Falls	518,154	(263,803)	(0.509)				40,594,722	0.0107	185,735
Vadnais Heights	288,670	0	0.000				14,819,763	0.0039	67,806
Victoria	227,512	1,049,951	4.615			No Adjustment			
Virginia	402,130	720,661	1.792						
Waconia	473,685	202,929	0.428				21,011,426	0.0055	96,135
Waite Park	297,026	(155,736)	(0.524)				11,625,867	0.0031	53,192
Waseca	280,387	336,014	1.198						
West St Paul	517,622	0	0.000				22,545,167	0.0059	103,152
White Bear Lake	659,077	0	0.000				30,915,238	0.0081	141,448
Willmar	845,266	412,703	0.488				58,307,681	0.0154	266,778
Winona	870,223	1,266,514	1.455						
Woodbury	2,189,569	0	0.000				120,679,687	0.0318	552,152
Worthington	431,192	1,435,227	3.329			No Adjustment			
Wyoming	435,954	294,327	0.675				23,911,049	0.0063	109,401
Zimmerman	224,287	(216,599)	(0.966)				9,099,539	0.0024	41,634
Total	**$132,383,510**	**$104,101,180**				**($17,366,782)**	**$3,795,724,974**	**1.0000**	**$17,366,782**

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NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

(For reference, see Right-of-Way Resolution)

15-Sep-16

Municipality	Total Right-of-Way Expenditures for 2016 Allocations	+	New Right-of-Way Expenditures for 2017	-	Right-of-Way Expenditures Expired in 2016	=	Total Right-of-Way Expenditures for 2017 Allocations
Albert Lea							
Albertville							
Alexandria	$367,593						**$367,593**
Andover	1,016						**1,016**
Anoka							
Apple Valley	126,066						**126,066**
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						**5,237,117**
Bloomington *	4,747,421				(19,086)		**4,728,335**
Brainerd	1,269,506						**1,269,506**
Brooklyn Center	16,570				(16,570)		
Brooklyn Park	47,446						**47,446**
Buffalo	1,524,485		26,500				**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						**4,526,826**
East Bethel	150,055				(22,000)		**128,055**
East Grand Forks	141,624						**141,624**
Eden Prairie			445,608				**445,608**
Edina	138,273						**138,273**
Elk River	2,341,754						**2,341,754**
Fairmont							
Falcon Heights							
Faribault	387,986						**387,986**
Farmington							

Municipality	Total Right-of-Way Expenditures for 2016 Allocations	+	New Right-of-Way Expenditures for 2017	-	Right-of-Way Expenditures Expired in 2016	=	Total Right-of-Way Expenditures for 2017 Allocations
Fergus Falls	$318,549						**$318,549**
Forest Lake	14,872						**14,872**
Fridley							
Glencoe							
Golden Valley							
Grand Rapids	2,386,592						**2,386,592**
Ham Lake	820,610						**820,610**
Hastings							
Hermantown	201,057				(23,933)		**177,124**
Hibbing							
Hopkins							
Hugo	(5,459)		overpayment expired		5,459		
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	1,097,097				(81,293)		**1,015,804**
Lino Lakes	360,549						**360,549**
Litchfield							
Little Canada							
Little Falls	1,333,864						**1,333,864**
Mahtomedi							
Mankato	360,355				(12,427)		**347,928**
Maple Grove *	2,316,666				(263,700)		**2,052,966**
Maplewood	5,279,548						**5,279,548**
Marshall	302,397						**302,397**
Medina							
Mendota Heights	61,140						**61,140**
Minneapolis	326,344				(145,257)		**181,087**
Minnetonka *	824,096				(651,633)		**172,463**
Minnetrista	145,293						**145,293**
Montevideo	13,949						**13,949**
Monticello							
Moorhead	3,925,161				(2,500)		**3,922,661**
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	647,177		52,632				**699,809**
Oakdale	430,454				(430,454)		
Orono							
Otsego	139,286		379,546				**518,832**

Municipality	Total Right-of-Way Expenditures for 2016 Allocations	+	New Right-of-Way Expenditures for 2017	-	Right-of-Way Expenditures Expired in 2016	=	Total Right-of-Way Expenditures for 2017 Allocations
Owatonna	$119,703						**$119,703**
Plymouth	520,884						**520,884**
Prior Lake	423,682				(633)		**423,049**
Ramsey	207,749						**207,749**
Red Wing	763,877				(29,654)		**734,223**
Redwood Falls							
Richfield *	9,850,822				(76,343)		**9,774,479**
Robbinsdale							
Rochester	2,571,811						**2,571,811**
Rogers							
Rosemount	389,000						**389,000**
Roseville	112,925				(112,925)		
Sartell	973,119						**973,119**
Sauk Rapids	407,639						**407,639**
Savage	400,000						**400,000**
Shakopee							
Shoreview	9,775				(475)		**9,300**
Shorewood	203,488						**203,488**
South St. Paul							
Spring Lake Park	55,361				(55,361)		
St Anthony							
St Cloud *	874,982				(544,962)		**330,020**
St Francis	14,990						**14,990**
St Joseph							
St Louis Park							
St Michael							
St Paul **	18,923,478		2,847,238		(5,106,117)		**16,664,599**
St Paul Park	65,293						**65,293**
St Peter	1,019,684						**1,019,684**
Stewartville							
Stillwater							
Thief River Falls	386,329				(21,716)		**364,613**
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						**6,488,347**
Worthington	491						**491**
Wyoming							
Zimmerman							
Total	**$96,022,478**		**$4,976,346**		**($7,611,580)**		**$93,387,244**

* more than one expenditure, or overpayment, expired in 2016

** more than one new expenditure for 2017

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NEW RIGHT-OF-WAY ADJUSTMENTS FOR 2017 DISTRIBUTION

MUNICIPALITY	PROJECT	AMOUNT
Belle Plaine	102-110-006	$1,224,822
Buffalo	213-126-001	26,500
Eden Prairie	196-110-001	445,608
Oak Grove	223-113-001	52,632
Otsego	217-112-002	379,546
St. Paul	164-297-001	2,839,930
St. Paul	164-297-002	7,308
TOTAL		**$4,976,346**

EXPIRED RIGHT-OF-WAY ADJUSTMENTS, 2016

MUNICIPALITY	PROJECT	AMOUNT
Bloomington	overpayment	($11,650)
Bloomington	107-415-009	30,736
Brooklyn Center	109-125-010	16,570
East Bethel	203-106-002	22,000
Hermantown	202-103-005	23,933
Hugo	overpayment	(5,459)
Lakeville	188-122-003	81,293
Mankato	137-108-014	12,427
Maple Grove	189-132-xxx	262,200
Maple Grove	189-108-xxx	1,500
Minneapolis	141-239-015	145,257
Minnetonka	142-126-003	86,664
Minnetonka	142-155-002	564,969
Moorhead	144-136-004	2,500
Oakdale	185-237-xxx	430,454
Prior Lake	201-114-002	633
Red Wing	156-128-006	29,654
Richfield	157-108-030	76,008
Richfield	157-364-001	335
Roseville	160-247-002	112,925
Shoreview	167-266-001	475
Spring Lake Park	183-102-002	55,361
St. Cloud	overpayment	(977,550)
St. Cloud	162-101-007	1,522,512
St. Paul	164-126-010	5,106,117
Thief River Falls	170-112-007	21,716
TOTAL		**$7,611,580**

AFTER THE FACT RETAINING WALL ADJUSTMENT

(For reference, see Retaining Wall Resolution)

Municipality	Retaining Wall Expenditures for 2016 Allocations	New Retaining Wall Expenditures for 2017	Retaining Wall Expenditures Expired in 2016	Total Retaining Wall Adjustment for 2017 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	18,499	42,753	0	61,252
Crystal	42,510	0	0	42,510
Duluth	594,891	0	0	594,891
Fergus Falls	0	110,360	0	110,360
Grand Rapids	207,986	0	0	207,986
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	0	0	34,400
Sartell	6,000	0	0	6,000
St. Paul	51,542	0	0	51,542
Thief River Falls	296,422	0	0	296,422
Total	**$3,531,917**	**$153,113**	**$0**	**$3,685,030**

NEW PROJECT LISTING OF RETAINING WALL CONSTRUCTION

Payment requested in 2016

Municipality	Project or Route	Local Amount	SA Project Amount	Total Adjustment
Buffalo	213-126-001		$42,753	$42,753
Fergus Falls	126-125-003		110,360	110,360
Total			**$153,113**	**$153,113**

AFTER THE FACT RAILROAD CROSSING ADJUSTMENT

That 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.

(Four cities have entered this adjustment)

Municipality	Previous Eligible Railroad Crossing Expenditures	2016 Eliglble Railroad Crossing Expenditures	Expired Railroad Crossing Expenditures	Total Railroad Crossing Adjustment for 2017 Apportionment
Fergus Falls	$299,555			$299,555
New Ulm	$18,433			$18,433
Buffalo		$528,566		$528,566
Cambridge		$234,357		$234,357
Total	**$317,988**	**$762,923**	**NA**	**$1,080,911**

AFTER THE FACT RAILROAD BRIDGE OVER MSAS ADJUSTMENT

RR Bridge over MSAS Route Rehabilitation

That 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

That 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	2016 Eliglble Railroad Bridge over MSAS Expenditures	Type of Construction	Expired Railroad Bridge over MSAS Expenditures	Total Railroad Bridge over MSAS Adjustment for 2017 Apportionment
Thief River Falls	$378,684		Construction/ Reconstruction		$378,684
Total	**$378,684**				**$378,684**

2016 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS

for January 2017 apportionment

Municipality	Restricted (Phase in) Needs for Jan. 2017 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	$46,175,957				$67,342		$67,342	**$46,243,299**
Albertville	13,338,618						0	**13,338,618**
Alexandria	59,677,837	273,047		$367,593	25,633		666,273	**60,344,110**
Andover	66,754,317	305,425		1,016	20,197		326,638	**67,080,955**
Anoka	30,514,892	139,616					139,616	**30,654,508**
Apple Valley	75,849,518	347,038		126,066			473,104	**76,322,622**
Arden Hills	11,284,196	51,629					51,629	**11,335,825**
Austin	63,598,079	(4,162,738)					(4,162,738)	**59,435,341**
Baxter	30,244,496			468,225			468,225	**30,712,721**
Belle Plaine	14,807,393	67,749		1,224,822			1,292,571	**16,099,964**
Bemidji	33,809,989			56,122			56,122	**33,866,111**
Big Lake	16,354,079						0	**16,354,079**
Blaine	76,549,151	350,239		5,237,117			5,587,356	**82,136,508**
Bloomington	174,617,233	(8,153,200)		4,728,335	55,013		(3,369,852)	**171,247,381**
Brainerd	38,375,841	175,583		1,269,506	188,352		1,633,441	**40,009,282**
Brooklyn Center	30,069,605	137,579					137,579	**30,207,184**
Brooklyn Park	88,610,806	405,426		47,446			452,872	**89,063,678**
Buffalo	33,091,746	151,406		1,550,985	61,252	$528,566	2,292,209	**35,383,955**
Burnsville	100,902,910	461,666					461,666	**101,364,577**
Byron	8,687,309						0	**8,687,309**
Cambridge	23,961,941	109,634				234,357	343,991	**24,305,933**
Champlin	37,574,448	171,916		62,348			234,264	**37,808,712**
Chanhassen	41,118,702	188,133					188,133	**41,306,834**
Chaska	39,294,348	179,786					179,786	**39,474,134**
Chisago City	11,901,759	54,455					54,455	**11,956,214**
Chisholm	14,318,936	65,514					65,514	**14,384,450**
Circle Pines	5,413,158			82,365			82,365	**5,495,523**
Cloquet	35,601,610						0	**35,601,610**
Columbia Heights	23,623,873	108,088					108,088	**23,731,960**
Coon Rapids	92,826,714	424,715		2,469,664			2,894,379	**95,721,093**
Corcoran	20,684,553						0	**20,684,553**
Cottage Grove	63,683,113	291,373		492,450			783,823	**64,466,936**
Crookston	30,523,176	139,654					139,654	**30,662,830**
Crystal	26,990,234	123,490			42,510		166,000	**27,156,233**
Dayton	12,473,917						0	**12,473,917**
Delano	13,536,827	61,936					61,936	**13,598,763**
Detroit Lakes	39,275,202	179,698		51,476			231,174	**39,506,376**
Duluth	280,764,617			2,564,618	594,891		3,159,509	**283,924,126**
Eagan	111,098,817	508,316		4,526,826			5,035,142	**116,133,959**

Municipality	Restricted (Phase in) Needs for Jan. 2017 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
East Bethel	$42,068,421			$128,055			$128,055	**$42,196,476**
East Grand Forks	37,570,365	171,898		141,624			313,522	**37,883,887**
Eden Prairie	104,633,102			445,608			445,608	**105,078,710**
Edina	89,283,910			138,273			138,273	**89,422,183**
Elk River	71,480,110	327,047		2,341,754			2,668,801	**74,148,911**
Fairmont	37,053,766	169,534					169,534	**37,223,300**
Falcon Heights	5,180,046						0	**5,180,046**
Faribault	52,570,907	240,530		387,986			628,516	**53,199,423**
Farmington	29,940,837	136,990					136,990	**30,077,827**
Fergus Falls	57,643,718			318,549	$110,360	$299,555	728,464	**58,372,182**
Forest Lake	61,972,766	283,547		14,872			298,419	**62,271,185**
Fridley	38,835,480						0	**38,835,480**
Glencoe	13,553,791						0	**13,553,791**
Golden Valley	47,118,074						0	**47,118,074**
Grand Rapids	55,350,504			2,386,592	$207,986		2,594,578	**57,945,082**
Ham Lake	43,646,780	199,699		820,610			1,020,309	**44,667,089**
Hastings	26,989,250	123,485					123,485	**27,112,736**
Hermantown	34,113,748			177,124			177,124	**34,290,872**
Hibbing	79,357,974						0	**79,357,974**
Hopkins	21,331,279	97,598					97,598	**21,428,877**
Hugo	31,276,879	143,103					143,103	**31,419,982**
Hutchinson	35,638,581						0	**35,638,581**
International Falls	11,254,244						0	**11,254,244**
Inver Grove Heights	61,980,864			776,192	$179,003		955,195	**62,936,059**
Isanti	9,575,800	43,813					43,813	**9,619,613**
Jordan	11,772,827	53,865					53,865	**11,826,692**
Kasson	10,079,303				35,640		35,640	**10,114,943**
La Crescent	9,243,901			25,000	8,624		33,624	**9,277,525**
Lake City	11,872,457	54,321		7,000			61,321	**11,933,778**
Lake Elmo	25,501,443						0	**25,501,443**
Lakeville	115,131,478	526,767		1,015,804	118,042		1,660,613	**116,792,091**
Lino Lakes	42,872,347	196,156		360,549			556,705	**43,429,052**
Litchfield	16,351,684						0	**16,351,684**
Little Canada	18,791,195	85,976					85,976	**18,877,171**
Little Falls	33,078,361	151,345		1,333,864			1,485,209	**34,563,570**
Mahtomedi	11,686,194						0	**11,686,194**
Mankato	89,665,233	410,250		347,928			758,178	**90,423,411**
Maple Grove	114,995,709	526,146		2,052,966			2,579,112	**117,574,821**
Maplewood	69,062,358	315,985		5,279,548			5,595,533	**74,657,891**
Marshall	34,525,045	157,964		302,397	514,325		974,686	**35,499,731**
Medina	13,051,084						0	**13,051,084**
Mendota Heights	25,424,225			61,140			61,140	**25,485,365**
Minneapolis	575,257,853			181,087			181,087	**575,438,940**
Minnetonka	94,836,754			172,463	37,913		210,376	**95,047,130**
Minnetrista	21,273,303	(1,616,810)		145,293			(1,471,517)	**19,801,787**

Municipality	Restricted (Phase in) Needs for Jan. 2017 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
Montevideo	$13,554,888			$13,949			$13,949	**$13,568,837**
Monticello	20,702,696						0	**20,702,696**
Moorhead	123,018,800	$562,854		3,922,661	$359,937		4,845,452	**127,864,252**
Morris	14,201,590	64,977		10,500			75,477	**14,277,067**
Mound	15,894,296	72,722					72,722	**15,967,018**
Mounds View	16,540,887	75,680			13,419		89,099	**16,629,986**
New Brighton	25,645,593	117,338					117,338	**25,762,930**
New Hope	24,740,669	113,197			32,400		145,597	**24,886,266**
New Prague	10,685,676	48,891		6,287			55,178	**10,740,854**
New Ulm	35,119,307	160,683				$18,433	179,116	**35,298,423**
North Branch	46,335,825			38,362			38,362	**46,374,187**
North Mankato	30,274,962	138,519		64,226			202,745	**30,477,707**
North St. Paul	20,165,219			448,302			448,302	**20,613,521**
Northfield	30,286,596						0	**30,286,596**
Oak Grove	37,227,756			699,809			699,809	**37,927,565**
Oakdale	25,852,672				20,658		20,658	**25,873,330**
Orono	15,854,573						0	**15,854,573**
Otsego	37,103,424			518,832			518,832	**37,622,256**
Owatonna	65,999,166			119,703			119,703	**66,118,869**
Plymouth	130,072,208	595,126		520,884	64,144		1,180,154	**131,252,362**
Prior Lake	33,541,429	153,464		423,049			576,513	**34,117,942**
Ramsey	53,835,728			207,749			207,749	**54,043,477**
Red Wing	46,336,378	212,005		734,223	539,025		1,485,253	**47,821,631**
Redwood Falls	15,591,921	71,339					71,339	**15,663,260**
Richfield	50,852,156	232,667		9,774,479			10,007,146	**60,859,302**
Robbinsdale	18,425,708						0	**18,425,708**
Rochester	250,746,821	1,147,255		2,571,811			3,719,066	**254,465,887**
Rogers	37,530,702	(1,833,472)					(1,833,472)	**35,697,230**
Rosemount	49,728,507			389,000			389,000	**50,117,507**
Roseville	49,110,901	224,700			34,400		259,100	**49,370,001**
Sartell	34,783,329	159,146		973,119	6,000		1,138,265	**35,921,594**
Sauk Rapids	30,196,416	138,159		407,639			545,798	**30,742,214**
Savage	44,928,604			400,000			400,000	**45,328,604**
Shakopee	64,076,317	293,172					293,172	**64,369,489**
Shoreview	32,441,806	148,433		9,300			157,733	**32,599,539**
Shorewood	15,247,880			203,488			203,488	**15,451,368**
South St. Paul	29,238,876						0	**29,238,876**
Spring Lake Park	8,079,589	36,967					36,967	**8,116,556**
St. Anthony	12,600,527	57,652					57,652	**12,658,179**
St. Cloud	143,188,238	655,137		330,020			985,157	**144,173,395**
St. Francis	25,545,816			14,990			14,990	**25,560,806**
St. Joseph	4,142,054	(1,600,562)					(1,600,562)	**2,541,492**
St. Louis Park	73,861,691						0	**73,861,691**
St. Michael	48,163,787	220,366					220,366	**48,384,154**
St. Paul	462,685,921			16,664,599	51,542		16,716,141	**479,402,062**
St. Paul Park	10,690,311			65,293			65,293	**10,755,604**

Municipality	Restricted (Phase in) Needs for Jan. 2017 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
St. Peter	$28,354,548	$129,732		$1,019,684			$1,149,416	**$29,503,964**
Stewartville	6,564,633	30,036					30,036	**6,594,669**
Stillwater	31,733,856						0	**31,733,856**
Thief River Falls	40,594,722	185,735	$378,684	364,613	$296,422		1,225,454	**41,820,176**
Vadnais Heights	14,819,763	67,806		17,096			84,902	**14,904,665**
Victoria	10,414,988						0	**10,414,988**
Virginia	29,019,504						0	**29,019,504**
Waconia	21,011,426	96,135					96,135	**21,107,561**
Waite Park	11,625,867	53,192		1,054,220			1,107,412	**12,733,280**
Waseca	12,771,829			213,261			213,261	**12,985,090**
West St. Paul	22,545,167	103,152					103,152	**22,648,319**
White Bear Lake	30,915,238	141,448					141,448	**31,056,686**
Willmar	58,307,681	266,778					266,778	**58,574,459**
Winona	46,276,872			8,000			8,000	**46,284,872**
Woodbury	120,679,687	552,152		6,488,347			7,040,499	**127,720,186**
Worthington	20,382,799			491			491	**20,383,290**
Wyoming	23,911,049	109,401					109,401	**24,020,450**
Zimmerman	9,099,539	41,634					41,634	**9,141,173**
State Total	**$7,305,751,252**	**$0**	**$378,684**	**$93,387,244**	**$3,685,030**	**$1,080,911**	**$98,531,869**	**$7,404,283,121**

N: MSAS/Books/2016 January Book/Adjusted Construction Needs 2016 (Old Book File A&B).xls

Minnesota Department of Transportation
State Aid for Local Transportation
395 John Ireland Boulevard, MS 500
Saint Paul, MN 55155

October 26, 2016

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

Dear Commissioner Zelle:

We, the undersigned, as members of the 2016 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 2017 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Jeff Johnson Mankato Chair	Marc Culver Roseville Vice Chair	Glenn Olson Marshall Secretary
Jesse Story Hibbing District 1	Craig Gray Bemidji District 2	Justin Femrite Elk River District 3
Jeff Kuhn Morris District 4	Steve Lillehaug Brooklyn Center Metro West	Jay Owens Red Wing District 6
Jeff Johnson Mankato District 7	Sean Christensen Willmar District 8	Klayton Eckles Woodbury Metro East

Cindy Voigt Duluth	Don Elwood Minneapolis	Paul Kurtz Saint Paul	Richard Freese Rochester

2016 ADJUSTED RESTRICTED CONSTRUCTION NEEDS RECOMMENDATIONS

for the 2017 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	$46,243,299	Edina	$89,422,183
Albertville	13,338,618	Elk River	74,148,911
Alexandria	60,344,110	Fairmont	37,223,300
Andover	67,080,955	Falcon Heights	5,180,046
Anoka	30,654,508	Faribault	53,199,423
Apple Valley	76,322,622	Farmington	30,077,827
Arden Hills	11,335,825	Fergus Falls	58,372,182
Austin	59,435,341	Forest Lake	62,271,185
Baxter	30,712,721	Fridley	38,835,480
Belle Plaine	16,099,964	Glencoe	13,553,791
Bemidji	33,866,111	Golden Valley	47,118,074
Big Lake	16,354,079	Grand Rapids	57,945,082
Blaine	82,136,508	Ham Lake	44,667,089
Bloomington	171,247,381	Hastings	27,112,736
Brainerd	40,009,282	Hermantown	34,290,872
Brooklyn Center	30,207,184	Hibbing	79,357,974
Brooklyn Park	89,063,678	Hopkins	21,428,877
Buffalo	35,383,955	Hugo	31,419,982
Burnsville	101,364,577	Hutchinson	35,638,581
Byron	8,687,309	International Falls	11,254,244
Cambridge	24,305,933	Inver Grove Heights	62,936,059
Champlin	37,808,712	Isanti	9,619,613
Chanhassen	41,306,834	Jordan	11,826,692
Chaska	39,474,134	Kasson	10,114,943
Chisago City	11,956,214	La Crescent	9,277,525
Chisholm	14,384,450	Lake City	11,933,778
Circle Pines	5,495,523	Lake Elmo	25,501,443
Cloquet	35,601,610	Lakeville	116,792,091
Columbia Heights	23,731,960	Lino Lakes	43,429,052
Coon Rapids	95,721,093	Litchfield	16,351,684
Corcoran	20,684,553	Little Canada	18,877,171
Cottage Grove	64,466,936	Little Falls	34,563,570
Crookston	30,662,830	Mahtomedi	11,686,194
Crystal	27,156,233	Mankato	90,423,411
Dayton	12,473,917	Maple Grove	117,574,821
Delano	13,598,763	Maplewood	74,657,891
Detroit Lakes	39,506,376	Marshall	35,499,731
Duluth	283,924,126	Medina	13,051,084
Eagan	116,133,959	Mendota Heights	25,485,365
East Bethel	42,196,476	Minneapolis	575,438,940
East Grand Forks	37,883,887	Minnetonka	95,047,130
Eden Prairie	105,078,710	Minnetrista	19,801,787

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Montevideo	$13,568,837	Savage	$45,328,604
Monticello	20,702,696	Shakopee	64,369,489
Moorhead	127,864,252	Shoreview	32,599,539
Morris	14,277,067	Shorewood	15,451,368
Mound	15,967,018	South St. Paul	29,238,876
Mounds View	16,629,986	Spring Lake Park	8,116,556
New Brighton	25,762,930	St. Anthony	12,658,179
New Hope	24,886,266	St. Cloud	144,173,395
New Prague	10,740,854	St. Francis	25,560,806
New Ulm	35,298,423	St. Joseph	2,541,492
North Branch	46,374,187	St. Louis Park	73,861,691
North Mankato	30,477,707	St. Michael	48,384,154
North St. Paul	20,613,521	St. Paul	479,402,062
Northfield	30,286,596	St. Paul Park	10,755,604
Oak Grove	37,927,565	St. Peter	29,503,964
Oakdale	25,873,330	Stewartville	6,594,669
Orono	15,854,573	Stillwater	31,733,856
Otsego	37,622,256	Thief River Falls	41,820,176
Owatonna	66,118,869	Vadnais Heights	14,904,665
Plymouth	131,252,362	Victoria	10,414,988
Prior Lake	34,117,942	Virginia	29,019,504
Ramsey	54,043,477	Waconia	21,107,561
Red Wing	47,821,631	Waite Park	12,733,280
Redwood Falls	15,663,260	Waseca	12,985,090
Richfield	60,859,302	West St. Paul	22,648,319
Robbinsdale	18,425,708	White Bear Lake	31,056,686
Rochester	254,465,887	Willmar	58,574,459
Rogers	35,697,230	Winona	46,284,872
Rosemount	50,117,507	Woodbury	127,720,186
Roseville	49,370,001	Worthington	20,383,290
Sartell	35,921,594	Wyoming	24,020,450
Sauk Rapids	30,742,214	Zimmerman	9,141,173
		State Total	**$7,404,283,121**

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TENTATIVE 2017 CONSTRUCTION NEEDS ALLOCATIONS

Needs Value: $1,000 in Construction Needs = approximately **$11.72** in apportionment

The following tabulation shows each municipality's tenative Money Needs Allocation based on a projected apportionment amount ($86,806,018). The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January, 2017. This summary provides data and shows the impact of the Restriction and Adjustments to each municipality for the Board's use in establishing the 2017 Money Needs Apportionment Determination.

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	(+) TH Turnback Main-tenance Allowance	Tentative 2017 Construction Needs Allocations	% Of Total Dist.
Albert Lea	$46,243,299	$542,145		**$542,145**	0.625
Albertville	13,338,618	156,379		**156,379**	0.180
Alexandria	60,344,110	707,460		**707,460**	0.815
Andover	67,080,955	786,441		**786,441**	0.906
Anoka	30,654,508	359,386		**359,386**	0.414
Apple Valley	76,322,622	894,788		**894,788**	1.031
Arden Hills	11,335,825	132,898		**132,898**	0.153
Austin	59,435,341	696,806		**696,806**	0.803
Baxter	30,712,721	360,068		**360,068**	0.415
Belle Plaine	16,099,964	188,752		**188,752**	0.217
Bemidji	33,866,111	397,038		**397,038**	0.457
Big Lake	16,354,079	191,731		**191,731**	0.221
Blaine	82,136,508	962,948		**962,948**	1.109
Bloomington	171,247,381	2,007,663		**2,007,663**	2.313
Brainerd	40,009,282	469,059		**469,059**	0.540
Brooklyn Center	30,207,184	354,142		**354,142**	0.408
Brooklyn Park	89,063,678	1,044,161		**1,044,161**	1.203
Buffalo	35,383,955	414,833		**414,833**	0.478
Burnsville	101,364,577	1,188,374		**1,188,374**	1.369
Byron	8,687,309	101,848		**101,848**	0.117
Cambridge	24,305,933	284,957		**284,957**	0.328
Champlin	37,808,712	443,260		**443,260**	0.511
Chanhassen	41,306,834	484,271		**484,271**	0.558
Chaska	39,474,134	462,785		**462,785**	0.533
Chisago City	11,956,214	140,172		**140,172**	0.161
Chisholm	14,384,450	168,640		**168,640**	0.194
Circle Pines	5,495,523	64,428		**64,428**	0.074
Cloquet	35,601,610	417,385		**417,385**	0.481
Columbia Heights	23,731,960	278,228		**278,228**	0.321
Coon Rapids	95,721,093	1,122,211		**1,122,211**	1.293
Corcoran	20,684,553	242,501		**242,501**	0.279
Cottage Grove	64,466,936	755,795		**755,795**	0.871
Crookston	30,662,830	359,484		**359,484**	0.414
Crystal	27,156,233	318,373		**318,373**	0.367
Dayton	12,473,917	146,241		**146,241**	0.168
Delano	13,598,763	159,429		**159,429**	0.184
Detroit Lakes	39,506,376	463,163		**463,163**	0.534
Duluth	283,924,126	3,328,658		**3,328,658**	3.835
Eagan	116,133,959	1,361,526		**1,361,526**	1.568
East Bethel	42,196,476	494,701		**494,701**	0.570
East Grand Forks	37,883,887	444,141		**444,141**	0.512
Eden Prairie	105,078,710	1,231,917		**1,231,917**	1.419
Edina	89,422,183	1,048,364		**1,048,364**	1.208
Elk River	74,148,911	869,304		**869,304**	1.001
Fairmont	37,223,300	436,397		**436,397**	0.503
Falcon Heights	5,180,046	60,730		**60,730**	0.070

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	(+) TH Turnback Main-tenance Allowance	Tentative 2017 Construction Needs Allocations	% Of Total Dist.
Faribault	$53,199,423	$623,697		**$623,697**	0.718
Farmington	30,077,827	352,625		**352,625**	0.406
Fergus Falls	58,372,182	684,341		**684,341**	0.788
Forest Lake	62,271,185	730,052		**730,052**	0.841
Fridley	38,835,480	455,298		**455,298**	0.525
Glencoe	13,553,791	158,901		**158,901**	0.183
Golden Valley	47,118,074	552,401		**552,401**	0.636
Grand Rapids	57,945,082	679,334		**679,334**	0.783
Ham Lake	44,667,089	523,666		**523,666**	0.603
Hastings	27,112,736	317,863		**317,863**	0.366
Hermantown	34,290,872	402,018		**402,018**	0.463
Hibbing	79,357,974	930,374		**930,374**	1.072
Hopkins	21,428,877	251,227		**251,227**	0.289
Hugo	31,419,982	368,360		**368,360**	0.424
Hutchinson	35,638,581	417,818		**417,818**	0.481
International Falls	11,254,244	131,942		**131,942**	0.152
Inver Grove Heights	62,936,059	737,847		**737,847**	0.850
Isanti	9,619,613	112,778		**112,778**	0.130
Jordan	11,826,692	138,653		**138,653**	0.160
Kasson	10,114,943	118,585		**118,585**	0.137
La Crescent	9,277,525	108,767		**108,767**	0.125
Lake City	11,933,778	139,909		**139,909**	0.161
Lake Elmo	25,501,443	298,973		**298,973**	0.344
Lakeville	116,792,091	1,369,242		**1,369,242**	1.577
Lino Lakes	43,429,052	509,152		**509,152**	0.587
Litchfield	16,351,684	191,703		**191,703**	0.221
Little Canada	18,877,171	221,311		**221,311**	0.255
Little Falls	34,563,570	405,215		**405,215**	0.467
Mahtomedi	11,686,194	137,006		**137,006**	0.158
Mankato	90,423,411	1,060,102		**1,060,102**	1.221
Maple Grove	117,574,821	1,378,419		**1,378,419**	1.588
Maplewood	74,657,891	875,271		**875,271**	1.008
Marshall	35,499,731	416,190		**416,190**	0.479
Medina	13,051,084	153,008		**153,008**	0.176
Mendota Heights	25,485,365	298,784		**298,784**	0.344
Minneapolis	575,438,940	6,746,306		**6,746,306**	7.772
Minnetonka	95,047,130	1,114,309		**1,114,309**	1.284
Minnetrista	19,801,787	232,151		**232,151**	0.267
Montevideo	13,568,837	159,078		**159,078**	0.183
Monticello	20,702,696	242,713		**242,713**	0.280
Moorhead	127,864,252	1,499,049		**1,499,049**	1.727
Morris	14,277,067	167,381		**167,381**	0.193
Mound	15,967,018	187,193		**187,193**	0.216
Mounds View	16,629,986	194,966		**194,966**	0.225
New Brighton	25,762,930	302,038		**302,038**	0.348
New Hope	24,886,266	291,761		**291,761**	0.336
New Prague	10,740,854	125,923		**125,923**	0.145
New Ulm	35,298,423	413,830		**413,830**	0.477
North Branch	46,374,187	543,680		**543,680**	0.626
North Mankato	30,477,707	357,313		**357,313**	0.412
North St. Paul	20,613,521	241,668		**241,668**	0.278
Northfield	30,286,596	355,073		**355,073**	0.409
Oak Grove	37,927,565	444,654		**444,654**	0.512
Oakdale	25,873,330	303,333		**303,333**	0.349
Orono	15,854,573	185,875		**185,875**	0.214
Otsego	37,622,256	441,074		**441,074**	0.508
Owatonna	66,118,869	775,162		**775,162**	0.893

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	(+) TH Turnback Main-tenance Allowance	Tentative 2017 Construction Needs Allocations	% Of Total Dist.
Plymouth	$131,252,362	$1,538,771		**$1,538,771**	1.773
Prior Lake	34,117,942	399,990		**399,990**	0.461
Ramsey	54,043,477	633,593		**633,593**	0.730
Red Wing	47,821,631	560,649		**560,649**	0.646
Redwood Falls	15,663,260	183,632		**183,632**	0.212
Richfield	60,859,302	713,500		**713,500**	0.822
Robbinsdale	18,425,708	216,019		**216,019**	0.249
Rochester	254,465,887	2,983,296		**2,983,296**	3.437
Rogers	35,697,230	418,506		**418,506**	0.482
Rosemount	50,117,507	587,565		**587,565**	0.677
Roseville	49,370,001	578,802		**578,802**	0.667
Sartell	35,921,594	421,136		**421,136**	0.485
Sauk Rapids	30,742,214	360,414		**360,414**	0.415
Savage	45,328,604	531,422		**531,422**	0.612
Shakopee	64,369,489	754,652		**754,652**	0.869
Shoreview	32,599,539	382,189		**382,189**	0.440
Shorewood	15,451,368	181,148		**181,148**	0.209
South St. Paul	29,238,876	342,789		**342,789**	0.395
Spring Lake Park	8,116,556	95,157		**95,157**	0.110
St. Anthony	12,658,179	148,401		**148,401**	0.171
St. Cloud	144,173,395	1,690,254		**1,690,254**	1.947
St. Francis	25,560,806	299,669		**299,669**	0.345
St. Joseph	2,541,492	29,796		**29,796**	0.034
St. Louis Park	73,861,691	865,937		**865,937**	0.998
St. Michael	48,384,154	567,244		**567,244**	0.653
St. Paul	479,402,062	5,620,393		**5,620,393**	6.475
St. Paul Park	10,755,604	126,096		**126,096**	0.145
St. Peter	29,503,964	345,897		**345,897**	0.398
Stewartville	6,594,669	77,314		**77,314**	0.089
Stillwater	31,733,856	372,040		**372,040**	0.429
Thief River Falls	41,820,176	490,290		**490,290**	0.565
Vadnais Heights	14,904,665	174,739		**174,739**	0.201
Victoria	10,414,988	122,103		**122,103**	0.141
Virginia	29,019,504	340,218		**340,218**	0.392
Waconia	21,107,561	247,460		**247,460**	0.285
Waite Park	12,733,280	149,282		**149,282**	0.172
Waseca	12,985,090	152,234		**152,234**	0.175
West St. Paul	22,648,319	265,523		**265,523**	0.306
White Bear Lake	31,056,686	364,101		**364,101**	0.419
Willmar	58,574,459	686,713		**686,713**	0.791
Winona	46,284,872	542,633		**542,633**	0.625
Woodbury	127,720,186	1,497,360		**1,497,360**	1.725
Worthington	20,383,290	238,969		**238,969**	0.275
Wyoming	24,020,450	281,610		**281,610**	0.324
Zimmerman	9,141,173	107,169		**107,169**	0.123
State Total	**$7,404,283,121**	**$86,806,018**	**$0**	**$86,806,018**	**100.0000**

Total Money Needs Apportionment = $86,806,018
Total Construction Needs = $7,404,283,121
Prorate based on $86,806,018 / $7,404,283,121 = 0.011723757

Construction Needs Allocation = 0.011723757 x Adjusted Restricted Construction Needs + THTB Maintenance Allowance

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were $7,146,203,608

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COMPARISON OF 2016 to 2017
CONSTRUCTION NEEDS ALLOCATIONS

Municipality	2016 Construction Needs Allocations	2017 Tentative Construction Needs Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$573,990	$542,145	($31,845)	(5.5)
Albertville	161,426	156,379	(5,047)	(3.1)
Alexandria	715,998	707,460	(8,538)	(1.2)
Andover	828,865	786,441	(42,424)	(5.1)
Anoka	353,310	359,386	6,076	1.7
Apple Valley	905,663	894,788	(10,875)	(1.2)
Arden Hills	134,333	132,898	(1,435)	(1.1)
Austin	738,790	696,806	(41,984)	(5.7)
Baxter	338,465	360,068	21,603	6.4
Belle Plaine	159,372	188,752	29,380	18.4
Bemidji	364,580	397,038	32,458	8.9
Big Lake	195,051	191,731	(3,320)	(1.7)
Blaine	887,517	962,948	75,431	8.5
Bloomington	2,128,599	2,007,663	(120,936)	(5.7)
Brainerd	464,726	469,059	4,333	0.9
Brooklyn Center	323,841	354,142	30,301	9.4
Brooklyn Park	954,297	1,044,161	89,864	9.4
Buffalo	429,504	414,833	(14,671)	(3.4)
Burnsville	1,252,486	1,188,374	(64,112)	(5.1)
Byron	93,502	101,848	8,346	8.9
Cambridge	257,903	284,957	27,054	10.5
Champlin	434,546	443,260	8,714	2.0
Chanhassen	442,562	484,271	41,709	9.4
Chaska	462,306	462,785	479	0.1
Chisago City	141,949	140,172	(1,777)	(1.3)
Chisholm	177,738	168,640	(9,098)	(5.1)
Circle Pines	64,914	64,428	(486)	(0.7)
Cloquet	412,286	417,385	5,099	1.2
Columbia Heights	293,238	278,228	(15,010)	(5.1)
Coon Rapids	1,123,277	1,122,211	(1,066)	(0.1)
Corcoran	256,753	242,501	(14,252)	(5.6)
Cottage Grove	783,624	755,795	(27,829)	(3.6)
Crookston	378,878	359,484	(19,394)	(5.1)
Crystal	291,013	318,373	27,360	9.4
Dayton	134,257	146,241	11,984	8.9
Delano	168,030	159,429	(8,601)	(5.1)
Detroit Lakes	423,345	463,163	39,818	9.4
Duluth	3,523,450	3,328,658	(194,792)	(5.5)
Eagan	1,434,034	1,361,526	(72,508)	(5.1)
East Bethel	524,009	494,701	(29,308)	(5.6)
East Grand Forks	457,228	444,141	(13,087)	(2.9)
Eden Prairie	1,214,444	1,231,917	17,473	1.4
Edina	964,751	1,048,364	83,613	8.7
Elk River	873,606	869,304	(4,302)	(0.5)
Fairmont	454,248	436,397	(17,851)	(3.9)
Falcon Heights	59,374	60,730	1,356	2.3
Faribault	613,183	623,697	10,514	1.7
Farmington	371,649	352,625	(19,024)	(5.1)

Municipality	2016 Construction Needs Allocations	2017 Tentative Construction Needs Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	$683,245	$684,341	**$1,096**	0.2
Forest Lake	769,435	730,052	**(39,383)**	(5.1)
Fridley	482,056	455,298	**(26,758)**	(5.6)
Glencoe	168,240	158,901	**(9,339)**	(5.6)
Golden Valley	558,334	552,401	**(5,933)**	(1.1)
Grand Rapids	718,571	679,334	**(39,237)**	(5.5)
Ham Lake	541,337	523,666	**(17,671)**	(3.3)
Hastings	290,486	317,863	**27,377**	9.4
Hermantown	425,889	402,018	**(23,871)**	(5.6)
Hibbing	952,554	930,374	**(22,180)**	(2.3)
Hopkins	254,254	251,227	**(3,027)**	(1.2)
Hugo	368,881	368,360	**(521)**	(0.1)
Hutchinson	383,579	417,818	**34,239**	8.9
International Falls	133,615	131,942	**(1,673)**	(1.3)
Inver Grove Heights	780,958	737,847	**(43,111)**	(5.5)
Isanti	114,215	112,778	**(1,437)**	(1.3)
Jordan	146,134	138,653	**(7,481)**	(5.1)
Kasson	122,997	118,585	**(4,412)**	(3.6)
La Crescent	115,151	108,767	**(6,384)**	(5.5)
Lake City	141,691	139,909	**(1,782)**	(1.3)
Lake Elmo	299,493	298,973	**(520)**	(0.2)
Lakeville	1,298,105	1,369,242	**71,137**	5.5
Lino Lakes	536,545	509,152	**(27,393)**	(5.1)
Litchfield	202,970	191,703	**(11,267)**	(5.6)
Little Canada	223,771	221,311	**(2,460)**	(1.1)
Little Falls	410,687	405,215	**(5,472)**	(1.3)
Mahtomedi	125,779	137,006	**11,227**	8.9
Mankato	1,025,880	1,060,102	**34,222**	3.3
Maple Grove	1,455,558	1,378,419	**(77,139)**	(5.3)
Maplewood	921,388	875,271	**(46,117)**	(5.0)
Marshall	416,407	416,190	**(217)**	(0.1)
Medina	140,469	153,008	**12,539**	8.9
Mendota Heights	316,328	298,784	**(17,544)**	(5.5)
Minneapolis	6,660,652	6,746,306	**85,654**	1.3
Minnetonka	1,187,659	1,114,309	**(73,350)**	(6.2)
Minnetrista	265,826	232,151	**(33,675)**	(12.7)
Montevideo	161,810	159,078	**(2,732)**	(1.7)
Monticello	230,948	242,713	**11,765**	5.1
Moorhead	1,390,399	1,499,049	**108,650**	7.8
Morris	167,726	167,381	**(345)**	(0.2)
Mound	197,292	187,193	**(10,099)**	(5.1)
Mounds View	205,313	194,966	**(10,347)**	(5.0)
New Brighton	318,333	302,038	**(16,295)**	(5.1)
New Hope	295,315	291,761	**(3,554)**	(1.2)
New Prague	125,251	125,923	**672**	0.5
New Ulm	436,152	413,830	**(22,322)**	(5.1)
North Branch	575,623	543,680	**(31,943)**	(5.5)
North Mankato	373,732	357,313	**(16,419)**	(4.4)
North Saint Paul	255,752	241,668	**(14,084)**	(5.5)
Northfield	355,862	355,073	**(789)**	(0.2)
Oak Grove	469,961	444,654	**(25,307)**	(5.4)
Oakdale	283,733	303,333	**19,600**	6.9
Orono	170,643	185,875	**15,232**	8.9

Municipality	2016 Construction Needs Allocations	2017 Tentative Construction Needs Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	$409,272	$441,074	**$31,802**	7.8
Owatonna	782,658	775,162	**(7,496)**	(1.0)
Plymouth	1,509,067	1,538,771	**29,704**	2.0
Prior Lake	366,154	399,990	**33,836**	9.2
Ramsey	645,678	633,593	**(12,085)**	(1.9)
Red Wing	572,779	560,649	**(12,130)**	(2.1)
Redwood Falls	183,558	183,632	**74**	0.0
Richfield	725,825	713,500	**(12,325)**	(1.7)
Robbinsdale	217,328	216,019	**(1,309)**	(0.6)
Rochester	2,889,138	2,983,296	**94,158**	3.3
Rogers	413,677	418,506	**4,829**	1.2
Rosemount	621,995	587,565	**(34,430)**	(5.5)
Roseville	558,178	578,802	**20,624**	3.7
Sartell	398,259	421,136	**22,877**	5.7
Sauk Rapids	329,956	360,414	**30,458**	9.2
Savage	488,427	531,422	**42,995**	8.8
Shakopee	689,655	754,652	**64,997**	9.4
Shoreview	385,430	382,189	**(3,241)**	(0.8)
Shorewood	184,271	181,148	**(3,123)**	(1.7)
South Saint Paul	348,473	342,789	**(5,684)**	(1.6)
Spring Lake Park	87,633	95,157	**7,524**	8.6
Saint Anthony	148,379	148,401	**22**	0.0
Saint Cloud	1,694,687	1,690,254	**(4,433)**	(0.3)
Saint Francis	317,277	299,669	**(17,608)**	(5.5)
Saint Joseph	44,581	29,796	**(14,785)**	(33.2)
Saint Louis Park	804,174	865,937	**61,763**	7.7
Saint Michael	597,847	567,244	**(30,603)**	(5.1)
Saint Paul	5,551,830	5,620,393	**68,563**	1.2
Saint Paul Park	115,853	126,096	**10,243**	8.8
Saint Peter	364,345	345,897	**(18,448)**	(5.1)
Stewartville	78,826	77,314	**(1,512)**	(1.9)
Stillwater	378,095	372,040	**(6,055)**	(1.6)
Thief River Falls	516,787	490,290	**(26,497)**	(5.1)
Vadnais Heights	159,713	174,739	**15,026**	9.4
Victoria	112,097	122,103	**10,006**	8.9
Virginia	339,270	340,218	**948**	0.3
Waconia	231,571	247,460	**15,889**	6.9
Waite Park	137,935	149,282	**11,347**	8.2
Waseca	161,124	152,234	**(8,890)**	(5.5)
West St. Paul	242,654	265,523	**22,869**	9.4
White Bear Lake	332,742	364,101	**31,359**	9.4
Willmar	681,072	686,713	**5,641**	0.8
Winona	536,182	542,633	**6,451**	1.2
Woodbury	1,425,041	1,497,360	**72,319**	5.1
Worthington	237,689	238,969	**1,280**	0.5
Wyoming	281,991	281,610	**(381)**	(0.1)
Zimmerman	112,951	107,169	**(5,782)**	(5.1)
TOTAL	**$86,806,018**	**$86,806,018**	**$0**	**0.000**

61 Cities Increased Their Constuction Needs Allocation
87 Cities Decreased Their Constuction Needs Allocation

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TENTATIVE 2017 MSAS TOTAL ALLOCATIONS

The tentative allocations shown in this summary are for informational purposes only. The actual revenue will be announced in January 2017 when the Commissioner of Transportation determines the annual allotments.

Municipality	Tentative 2017 Population Allocations	Tentative 2017 Construction Needs Allocations	Tentative 2017 Total Allocations	Distribution Percentage
Albert Lea	$403,685	$542,145	**$945,830**	0.5448
Albertville	163,952	156,379	**320,331**	0.1845
Alexandria	298,910	707,460	**1,006,370**	0.5797
Andover	710,393	786,441	**1,496,834**	0.8622
Anoka	395,820	359,386	**755,206**	0.4350
Apple Valley	1,123,960	894,788	**2,018,748**	1.1628
Arden Hills	220,642	132,898	**353,540**	0.2036
Austin	562,663	696,806	**1,259,469**	0.7255
Baxter	180,713	360,068	**540,781**	0.3115
Belle Plaine	151,068	188,752	**339,820**	0.1957
Bemidji	335,411	397,038	**732,449**	0.4219
Big Lake	239,106	191,731	**430,837**	0.2482
Blaine	1,415,677	962,948	**2,378,625**	1.3701
Bloomington	1,954,432	2,007,663	**3,962,095**	2.2822
Brainerd	306,327	469,059	**775,386**	0.4466
Brooklyn Center	691,571	354,142	**1,045,713**	0.6023
Brooklyn Park	1,797,381	1,044,161	**2,841,542**	1.6367
Buffalo	359,252	414,833	**774,085**	0.4459
Burnsville	1,387,175	1,188,374	**2,575,549**	1.4835
Byron	121,088	101,848	**222,936**	0.1284
Cambridge	190,370	284,957	**475,327**	0.2738
Champlin	517,356	443,260	**960,616**	0.5533
Chanhassen	564,523	484,271	**1,048,794**	0.6041
Chaska	573,777	462,785	**1,036,562**	0.5971
Chisago City	115,531	140,172	**255,703**	0.1473
Chisholm	112,170	168,640	**280,810**	0.1617
Circle Pines	112,035	64,428	**176,463**	0.1016
Cloquet	274,957	417,385	**692,342**	0.3988
Columbia Heights	448,029	278,228	**726,257**	0.4183
Coon Rapids	1,401,045	1,122,211	**2,523,256**	1.4534
Corcoran	122,679	242,501	**365,180**	0.2103
Cottage Grove	797,601	755,795	**1,553,396**	0.8948
Crookston	178,226	359,484	**537,710**	0.3097
Crystal	512,046	318,373	**830,419**	0.4783
Dayton	113,357	146,241	**259,598**	0.1495
Delano	131,395	159,429	**290,824**	0.1675
Detroit Lakes	208,161	463,163	**671,324**	0.3867
Duluth	1,940,382	3,328,658	**5,269,040**	3.0350
Eagan	1,512,677	1,361,526	**2,874,203**	1.6555
East Bethel	263,529	494,701	**758,230**	0.4367
East Grand Forks	196,599	444,141	**640,740**	0.3691
Eden Prairie	1,415,834	1,231,917	**2,647,751**	1.5251
Edina	1,137,516	1,048,364	**2,185,880**	1.2591
Elk River	537,478	869,304	**1,406,782**	0.8103
Fairmont	238,993	436,397	**675,390**	0.3890

Municipality	Tentative 2017 Population Allocations	Tentative 2017 Construction Needs Allocations	Tentative 2017 Total Allocations	Distribution Percentage
Falcon Heights	$120,640	$60,730	**$181,370**	0.1045
Faribault	531,047	623,697	**1,154,744**	0.6651
Farmington	503,060	352,625	**855,685**	0.4929
Fergus Falls	297,745	684,341	**982,086**	0.5657
Forest Lake	453,989	730,052	**1,184,041**	0.6820
Fridley	639,654	455,298	**1,094,952**	0.6307
Glencoe	126,174	158,901	**285,075**	0.1642
Golden Valley	483,342	552,401	**1,035,743**	0.5966
Grand Rapids	252,774	679,334	**932,108**	0.5369
Ham Lake	353,426	523,666	**877,092**	0.5052
Hastings	508,349	317,863	**826,212**	0.4759
Hermantown	217,796	402,018	**619,814**	0.3570
Hibbing	366,602	930,374	**1,296,976**	0.7471
Hopkins	430,820	251,227	**682,047**	0.3929
Hugo	321,586	368,360	**689,946**	0.3974
Hutchinson	317,732	417,818	**735,550**	0.4237
International Falls	143,943	131,942	**275,885**	0.1589
Inver Grove Heights	785,837	737,847	**1,523,684**	0.8776
Isanti	123,172	112,778	**235,950**	0.1359
Jordan	137,803	138,653	**276,456**	0.1592
Kasson	138,744	118,585	**257,329**	0.1482
La Crescent	115,217	108,767	**223,984**	0.1290
Lake City	114,321	139,909	**254,230**	0.1464
Lake Elmo	193,664	298,973	**492,637**	0.2838
Lakeville	1,344,221	1,369,242	**2,713,463**	1.5629
Lino Lakes	459,770	509,152	**968,922**	0.5581
Litchfield	151,494	191,703	**343,197**	0.1977
Little Canada	222,748	221,311	**444,059**	0.2558
Little Falls	197,742	405,215	**602,957**	0.3473
Mahtomedi	175,783	137,006	**312,789**	0.1802
Mankato	934,979	1,060,102	**1,995,081**	1.1492
Maple Grove	1,459,931	1,378,419	**2,838,350**	1.6349
Maplewood	890,501	875,271	**1,765,772**	1.0171
Marshall	309,060	416,190	**725,250**	0.4177
Medina	133,703	153,008	**286,711**	0.1651
Mendota Heights	248,830	298,784	**547,614**	0.3154
Minneapolis	9,243,285	6,746,306	**15,989,591**	9.2100
Minnetonka	1,157,256	1,114,309	**2,271,565**	1.3084
Minnetrista	157,499	232,151	**389,650**	0.2244
Montevideo	120,617	159,078	**279,695**	0.1611
Monticello	298,260	242,713	**540,973**	0.3116
Moorhead	938,877	1,499,049	**2,437,926**	1.4042
Morris	121,401	167,381	**288,782**	0.1663
Mound	206,346	187,193	**393,539**	0.2267
Mounds View	291,448	194,966	**486,414**	0.2802
New Brighton	496,764	302,038	**798,802**	0.4601
New Hope	475,589	291,761	**767,350**	0.4420
New Prague	168,232	125,923	**294,155**	0.1694
New Ulm	304,355	413,830	**718,185**	0.4137
North Branch	231,465	543,680	**775,145**	0.4465
North Mankato	306,730	357,313	**664,043**	0.3825
North St. Paul	271,215	241,668	**512,883**	0.2954

Municipality	Tentative 2017 Population Allocations	Tentative 2017 Construction Needs Allocations	Tentative 2017 Total Allocations	Distribution Percentage
Northfield	$455,311	$355,073	**$810,384**	0.4668
Oak Grove	186,270	444,654	**630,924**	0.3634
Oakdale	631,251	303,333	**934,584**	0.5383
Orono	167,470	185,875	**353,345**	0.2035
Otsego	346,682	441,074	**787,756**	0.4537
Owatonna	577,698	775,162	**1,352,860**	0.7792
Plymouth	1,671,386	1,538,771	**3,210,157**	1.8490
Prior Lake	561,274	399,990	**961,264**	0.5537
Ramsey	568,287	633,593	**1,201,880**	0.6923
Red Wing	370,478	560,649	**931,127**	0.5363
Redwood Falls	117,771	183,632	**301,403**	0.1736
Richfield	819,134	713,500	**1,532,634**	0.8828
Robbinsdale	330,661	216,019	**546,680**	0.3149
Rochester	2,507,505	2,983,296	**5,490,801**	3.1627
Rogers	277,422	418,506	**695,928**	0.4009
Rosemount	516,303	587,565	**1,103,868**	0.6358
Roseville	789,714	578,802	**1,368,516**	0.7883
Sartell	385,468	421,136	**806,604**	0.4646
Sauk Rapids	300,389	360,414	**660,803**	0.3806
Savage	672,749	531,422	**1,204,171**	0.6936
Shakopee	901,973	754,652	**1,656,625**	0.9542
Shoreview	584,645	382,189	**966,834**	0.5569
Shorewood	167,112	181,148	**348,260**	0.2006
South St. Paul	456,006	342,789	**798,795**	0.4601
Spring Lake Park	145,937	95,157	**241,094**	0.1389
St. Anthony	207,870	148,401	**356,271**	0.2052
St. Cloud	1,501,496	1,690,254	**3,191,750**	1.8384
St. Francis	164,176	299,669	**463,845**	0.2672
St. Joseph	151,740	29,796	**181,536**	0.1046
St. Louis Park	1,083,470	865,937	**1,949,407**	1.1229
St. Michael	382,735	567,244	**949,979**	0.5472
St. Paul	6,730,022	5,620,393	**12,350,415**	7.1138
St. Paul Park	121,917	126,096	**248,013**	0.1429
St. Peter	264,045	345,897	**609,942**	0.3513
Stewartville	140,089	77,314	**217,403**	0.1252
Stillwater	442,629	372,040	**814,669**	0.4692
Thief River Falls	196,398	490,290	**686,688**	0.3955
Vadnais Heights	279,864	174,739	**454,603**	0.2618
Victoria	196,622	122,103	**318,725**	0.1836
Virginia	195,210	340,218	**535,428**	0.3084
Waconia	263,328	247,460	**510,788**	0.2942
Waite Park	168,367	149,282	**317,649**	0.1830
Waseca	210,895	152,234	**363,129**	0.2092
West St. Paul	453,115	265,523	**718,638**	0.4139
White Bear Lake	555,941	364,101	**920,042**	0.5299
Willmar	444,735	686,713	**1,131,448**	0.6517
Winona	618,748	542,633	**1,161,381**	0.6690
Woodbury	1,500,689	1,497,360	**2,998,049**	1.7269
Worthington	295,951	238,969	**534,920**	0.3081
Wyoming	176,499	281,610	**458,109**	0.2639
Zimmerman	119,541	107,169	**226,710**	0.1306
Total	**$86,806,018**	**$86,806,018**	**$173,612,036**	**100.0000**

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COMPARISON OF THE 2016 ALLOCATIONS TO THE 2017 TENTATIVE TOTAL ALLOCATIONS

Municipality	2016 Total Allocations	2017 Tentative Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$981,178	$945,830	($35,348)	(3.6)
Albertville	325,558	320,331	(5,227)	(1.6)
Alexandria	1,013,930	1,006,370	(7,560)	(0.7)
Andover	1,549,263	1,496,834	(52,429)	(3.4)
Anoka	750,779	755,206	4,427	0.6
Apple Valley	2,043,194	2,018,748	(24,446)	(1.2)
Arden Hills	352,482	353,540	1,058	0.3
Austin	1,306,018	1,259,469	(46,549)	(3.6)
Baxter	519,683	540,781	21,098	4.1
Belle Plaine	309,920	339,820	29,900	9.6
Bemidji	698,720	732,449	33,729	4.8
Big Lake	434,332	430,837	(3,495)	(0.8)
Blaine	2,290,298	2,378,625	88,327	3.9
Bloomington	4,087,059	3,962,095	(124,964)	(3.1)
Brainerd	773,439	775,386	1,947	0.3
Brooklyn Center	1,004,235	1,045,713	41,478	4.1
Brooklyn Park	2,725,391	2,841,542	116,151	4.3
Buffalo	789,161	774,085	(15,076)	(1.9)
Burnsville	2,648,057	2,575,549	(72,508)	(2.7)
Byron	212,476	222,936	10,460	4.9
Cambridge	446,354	475,327	28,973	6.5
Champlin	956,391	960,616	4,225	0.4
Chanhassen	996,365	1,048,794	52,429	5.3
Chaska	1,033,444	1,036,562	3,118	0.3
Chisago City	256,516	255,703	(813)	(0.3)
Chisholm	291,401	280,810	(10,591)	(3.6)
Circle Pines	177,921	176,463	(1,458)	(0.8)
Cloquet	689,334	692,342	3,008	0.4
Columbia Heights	738,690	726,257	(12,433)	(1.7)
Coon Rapids	2,534,398	2,523,256	(11,142)	(0.4)
Corcoran	381,355	365,180	(16,175)	(4.2)
Cottage Grove	1,580,325	1,553,396	(26,929)	(1.7)
Crookston	557,475	537,710	(19,765)	(3.5)
Crystal	798,099	830,419	32,320	4.0
Dayton	247,513	259,598	12,085	4.9
Delano	298,147	290,824	(7,323)	(2.5)
Detroit Lakes	629,289	671,324	42,035	6.7
Duluth	5,475,469	5,269,040	(206,429)	(3.8)
Eagan	2,944,036	2,874,203	(69,833)	(2.4)
East Bethel	786,773	758,230	(28,543)	(3.6)
East Grand Forks	654,561	640,740	(13,821)	(2.1)
Eden Prairie	2,629,136	2,647,751	18,615	0.7
Edina	2,100,722	2,185,880	85,158	4.1
Elk River	1,409,938	1,406,782	(3,156)	(0.2)
Fairmont	695,315	675,390	(19,925)	(2.9)
Falcon Heights	181,377	181,370	(7)	(0.0)
Faribault	1,147,278	1,154,744	7,466	0.7
Farmington	877,605	855,685	(21,920)	(2.5)

Municipality	2016 Total Allocations	2017 Tentative Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	$983,392	$982,086	($1,306)	(0.1)
Forest Lake	1,209,802	1,184,041	(25,761)	(2.1)
Fridley	1,113,812	1,094,952	(18,860)	(1.7)
Glencoe	295,509	285,075	(10,434)	(3.5)
Golden Valley	1,028,218	1,035,743	7,525	0.7
Grand Rapids	969,763	932,108	(37,655)	(3.9)
Ham Lake	895,411	877,092	(18,319)	(2.0)
Hastings	798,838	826,212	27,374	3.4
Hermantown	645,711	619,814	(25,897)	(4.0)
Hibbing	1,322,336	1,296,976	(25,360)	(1.9)
Hopkins	683,026	682,047	(979)	(0.1)
Hugo	689,844	689,946	102	0.0
Hutchinson	704,067	735,550	31,483	4.5
International Falls	278,807	275,885	(2,922)	(1.0)
Inver Grove Heights	1,568,189	1,523,684	(44,505)	(2.8)
Isanti	236,466	235,950	(516)	(0.2)
Jordan	285,088	276,456	(8,632)	(3.0)
Kasson	261,408	257,329	(4,079)	(1.6)
La Crescent	229,944	223,984	(5,960)	(2.6)
Lake City	256,122	254,230	(1,892)	(0.7)
Lake Elmo	493,730	492,637	(1,093)	(0.2)
Lakeville	2,639,749	2,713,463	73,714	2.8
Lino Lakes	1,014,091	968,922	(45,169)	(4.5)
Litchfield	355,326	343,197	(12,129)	(3.4)
Little Canada	447,797	444,059	(3,738)	(0.8)
Little Falls	609,738	602,957	(6,781)	(1.1)
Mahtomedi	307,562	312,789	5,227	1.7
Mankato	1,957,105	1,995,081	37,976	1.9
Maple Grove	2,912,176	2,838,350	(73,826)	(2.5)
Maplewood	1,804,065	1,765,772	(38,293)	(2.1)
Marshall	726,476	725,250	(1,226)	(0.2)
Medina	272,258	286,711	14,453	5.3
Mendota Heights	567,746	547,614	(20,132)	(3.5)
Minneapolis	15,956,015	15,989,591	33,576	0.2
Minnetonka	2,343,587	2,271,565	(72,022)	(3.1)
Minnetrista	418,680	389,650	(29,030)	(6.9)
Montevideo	283,474	279,695	(3,779)	(1.3)
Monticello	527,592	540,973	13,381	2.5
Moorhead	2,321,149	2,437,926	116,777	5.0
Morris	290,587	288,782	(1,805)	(0.6)
Mound	407,892	393,539	(14,353)	(3.5)
Mounds View	486,565	486,414	(151)	(0.0)
New Brighton	817,463	798,802	(18,661)	(2.3)
New Hope	765,696	767,350	1,654	0.2
New Prague	293,383	294,155	772	0.3
New Ulm	741,769	718,185	(23,584)	(3.2)
North Branch	808,101	775,145	(32,956)	(4.1)
North Mankato	681,338	664,043	(17,295)	(2.5)
North St. Paul	527,105	512,883	(14,222)	(2.7)
Northfield	814,965	810,384	(4,581)	(0.6)
Oak Grove	658,389	630,924	(27,465)	(4.2)
Oakdale	931,377	934,584	3,207	0.3
Orono	346,595	353,345	6,750	1.9

Municipality	2016 Total Allocations	2017 Tentative Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	$747,570	$787,756	$40,186	5.4
Owatonna	1,362,679	1,352,860	(9,819)	(0.7)
Plymouth	3,173,279	3,210,157	36,878	1.2
Prior Lake	929,179	961,264	32,085	3.5
Ramsey	1,206,442	1,201,880	(4,562)	(0.4)
Red Wing	945,816	931,127	(14,689)	(1.6)
Redwood Falls	302,351	301,403	(948)	(0.3)
Richfield	1,543,025	1,532,634	(10,391)	(0.7)
Robbinsdale	545,320	546,680	1,360	0.2
Rochester	5,398,079	5,490,801	92,722	1.7
Rogers	690,093	695,928	5,835	0.8
Rosemount	1,130,301	1,103,868	(26,433)	(2.3)
Roseville	1,342,878	1,368,516	25,638	1.9
Sartell	781,331	806,604	25,273	3.2
Sauk Rapids	630,713	660,803	30,090	4.8
Savage	1,144,931	1,204,171	59,240	5.2
Shakopee	1,582,932	1,656,625	73,693	4.7
Shoreview	966,807	966,834	27	0.0
Shorewood	352,087	348,260	(3,827)	(1.1)
South St. Paul	804,118	798,795	(5,323)	(0.7)
Spring Lake Park	234,836	241,094	6,258	2.7
St. Anthony	351,001	356,271	5,270	1.5
St. Cloud	3,196,824	3,191,750	(5,074)	(0.2)
St. Francis	482,177	463,845	(18,332)	(3.8)
St. Joseph	198,384	181,536	(16,848)	(8.5)
St. Louis Park	1,887,529	1,949,407	61,878	3.3
St. Michael	981,687	949,979	(31,708)	(3.2)
St. Paul	12,324,149	12,350,415	26,266	0.2
St. Paul Park	235,957	248,013	12,056	5.1
St. Peter	630,093	609,942	(20,151)	(3.2)
Stewartville	219,384	217,403	(1,981)	(0.9)
Stillwater	805,081	814,669	9,588	1.2
Thief River Falls	713,917	686,688	(27,229)	(3.8)
Vadnais Heights	444,107	454,603	10,496	2.4
Victoria	303,350	318,725	15,375	5.1
Virginia	536,174	535,428	(746)	(0.1)
Waconia	492,030	510,788	18,758	3.8
Waite Park	306,836	317,649	10,813	3.5
Waseca	373,849	363,129	(10,720)	(2.9)
West St. Paul	690,163	718,638	28,475	4.1
White Bear Lake	878,770	920,042	41,272	4.7
Willmar	1,127,021	1,131,448	4,427	0.4
Winona	1,160,298	1,161,381	1,083	0.1
Woodbury	2,919,426	2,998,049	78,623	2.7
Worthington	531,192	534,920	3,728	0.7
Wyoming	459,504	458,109	(1,395)	(0.3)
Zimmerman	232,672	226,710	(5,962)	(2.6)
Total	**$173,612,036**	**$173,612,036**	**$0**	**0.000**

64 Cities Increased Their Estimated Total Allocation
84 Cities Decreased Their Estimated Total Allocation

N:\MSAS\Books\2016 October Book\Adjusted Construction Needs 2015 (Old Book File A & B).xls

TENTATIVE 2017 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

Municipality	2016 Total Needs Mileage	2017 Tentative Population Allocation Per Need Mile
Minneapolis	206.82	$44,692
Hopkins	9.99	43,125
St. Paul	164.73	40,855
New Hope	12.86	36,982
Falcon Heights	3.29	36,669
Columbia Heights	12.50	35,842
St. Anthony	5.95	34,936
West St. Paul	13.58	33,366
Richfield	24.67	33,204
Robbinsdale	10.05	32,902
St. Louis Park	33.02	32,813
New Brighton	15.22	32,639
Oakdale	19.39	32,555
Coon Rapids	43.23	32,409
Brooklyn Center	21.34	32,407
Circle Pines	3.60	31,121
Burnsville	44.77	30,984
Eagan	49.03	30,852
Vadnais Heights	9.17	30,520
Farmington	16.69	30,141
Apple Valley	37.31	30,125
Brooklyn Park	60.14	29,887
Stewartville	4.71	29,743
Shoreview	19.69	29,692
Crystal	17.47	29,310
Arden Hills	7.53	29,302
Eden Prairie	48.54	29,168
Winona	21.86	28,305
Blaine	50.18	28,212
Fridley	22.90	27,932
Edina	40.85	27,846
Chaska	20.95	27,388
Waseca	7.71	27,353
Mounds View	10.86	26,837

Municipality	2016 Total Needs Mileage	2017 Tentative Money Needs Allocation Per Need Mile
St. Paul	164.73	$34,119
Minneapolis	206.82	32,619
Moorhead	48.01	31,224
Crookston	11.58	31,044
Thief River Falls	16.15	30,359
Richfield	24.67	28,922
Rochester	103.91	28,710
Duluth	116.71	28,521
Eagan	49.03	27,769
Burnsville	44.77	26,544
Grand Rapids	25.68	26,454
Bloomington	76.12	26,375
Mankato	40.26	26,331
St. Cloud	64.30	26,287
St. Louis Park	33.02	26,225
East Grand Forks	16.99	26,141
Fergus Falls	26.18	26,140
Woodbury	57.52	26,032
Coon Rapids	43.23	25,959
Faribault	24.07	25,912
Delano	6.21	25,673
Edina	40.85	25,664
Eden Prairie	48.54	25,379
Sauk Rapids	14.21	25,363
Hopkins	9.99	25,148
St. Anthony	5.95	24,941
St. Michael	22.75	24,934
Winona	21.86	24,823
Willmar	27.87	24,640
Brainerd	19.16	24,481
Maple Grove	57.10	24,140
Buffalo	17.19	24,132
Plymouth	64.04	24,028
Apple Valley	37.31	23,983

Municipality	2016 Total Needs Mileage	2017 Tentative Total Allocation Per Need Mile
Minneapolis	206.82	$77,312
St. Paul	164.73	74,974
Hopkins	9.99	68,273
Richfield	24.67	62,125
St. Anthony	5.95	59,877
New Hope	12.86	59,670
St. Louis Park	33.02	59,037
Eagan	49.03	58,621
Coon Rapids	43.23	58,368
Columbia Heights	12.50	58,101
Burnsville	44.77	57,528
Falcon Heights	3.29	55,128
Eden Prairie	48.54	54,548
Robbinsdale	10.05	54,396
Apple Valley	37.31	54,107
Edina	40.85	53,510
Winona	21.86	53,128
West St. Paul	13.58	52,919
Rochester	103.91	52,842
New Brighton	15.22	52,484
Woodbury	57.52	52,122
Bloomington	76.12	52,051
Farmington	16.69	51,269
Moorhead	48.01	50,780
Plymouth	64.04	50,127
Maple Grove	57.10	49,708
St. Cloud	64.30	49,638
Vadnais Heights	9.17	49,575
Mound	7.94	49,564
Mankato	40.26	49,555
Chaska	20.95	49,478
Shoreview	19.69	49,103
Circle Pines	3.60	49,018
Brooklyn Center	21.34	49,002

Municipality	2016 Total Needs Mileage	2017 Tentative Population Allocation Per Need Mile
Northfield	17.06	$26,689
Victoria	7.43	26,463
White Bear Lake	21.02	26,448
South St. Paul	17.46	26,117
Plymouth	64.04	26,099
Woodbury	57.52	26,090
Mound	7.94	25,988
Prior Lake	21.67	25,901
Champlin	20.07	25,778
Bloomington	76.12	25,676
Anoka	15.42	25,669
Maple Grove	57.10	25,568
Roseville	30.96	25,508
Worthington	11.79	25,102
Spring Lake Park	5.82	25,075
Chanhassen	22.76	24,803
Savage	27.24	24,697
Monticello	12.19	24,468
Maplewood	36.68	24,278
Stillwater	18.25	24,254
Rochester	103.91	24,132
Shakopee	37.49	24,059
Waite Park	7.02	23,984
North St. Paul	11.34	23,917
St. Cloud	64.30	23,351
Mankato	40.26	23,224
Inver Grove Heights	34.13	23,025
St. Joseph	6.66	22,784
Jordan	6.09	22,628
Minnetonka	51.19	22,607
Cottage Grove	35.31	22,589
Hastings	22.61	22,483
Faribault	24.07	22,063
Kasson	6.30	22,023
Albertville	7.51	21,831
New Prague	7.76	21,679
Byron	5.60	21,623
Waconia	12.32	21,374

Municipality	2016 Total Needs Mileage	2017 Tentative Money Needs Allocation Per Need Mile
Maplewood	36.68	$23,862
Mound	7.94	23,576
Anoka	15.42	23,306
Golden Valley	23.74	23,269
Austin	30.21	23,065
New Ulm	18.01	22,978
Jordan	6.09	22,767
Sartell	18.52	22,740
Elk River	38.27	22,715
New Hope	12.86	22,687
North Mankato	15.77	22,658
Hutchinson	18.49	22,597
Red Wing	24.87	22,543
St. Peter	15.42	22,432
Owatonna	34.64	22,378
Albert Lea	24.31	22,301
St. Francis	13.45	22,280
Columbia Heights	12.50	22,258
Marshall	18.78	22,161
Chaska	20.95	22,090
Champlin	20.07	22,086
Litchfield	8.77	21,859
Minnetonka	51.19	21,768
Fairmont	20.12	21,690
Inver Grove Heights	34.13	21,619
Forest Lake	33.83	21,580
Hermantown	18.65	21,556
Robbinsdale	10.05	21,494
Cottage Grove	35.31	21,405
Lino Lakes	23.84	21,357
North St. Paul	11.34	21,311
Chanhassen	22.76	21,277
Waite Park	7.02	21,265
Alexandria	33.29	21,251
Bemidji	18.72	21,209
Farmington	16.69	21,128
Belle Plaine	8.95	21,090
Baxter	17.12	21,032

Municipality	2016 Total Needs Mileage	2017 Tentative Total Allocation Per Need Mile
Anoka	15.42	$48,976
Oakdale	19.39	48,199
Maplewood	36.68	48,140
Faribault	24.07	47,974
Champlin	20.07	47,863
Fridley	22.90	47,814
Crystal	17.47	47,534
Northfield	17.06	47,502
Blaine	50.18	47,402
Brooklyn Park	60.14	47,249
Waseca	7.71	47,098
Arden Hills	7.53	46,951
Delano	6.21	46,832
Sauk Rapids	14.21	46,503
Crookston	11.58	46,434
Stewartville	4.71	46,158
Chanhassen	22.76	46,081
South St. Paul	17.46	45,750
Jordan	6.09	45,395
Worthington	11.79	45,371
Waite Park	7.02	45,249
North St. Paul	11.34	45,228
Duluth	116.71	45,146
Buffalo	17.19	45,031
Mounds View	10.86	44,790
Inver Grove Heights	34.13	44,644
Stillwater	18.25	44,639
Monticello	12.19	44,378
Minnetonka	51.19	44,375
Prior Lake	21.67	44,359
Savage	27.24	44,206
Roseville	30.96	44,203
Shakopee	37.49	44,188
Cottage Grove	35.31	43,993
White Bear Lake	21.02	43,770
Golden Valley	23.74	43,629
Sartell	18.52	43,553
Victoria	7.43	42,897

Municipality	2016 Total Needs Mileage	2017 Tentative Population Allocation Per Need Mile
Delano	6.21	$21,159
Sauk Rapids	14.21	21,139
Buffalo	17.19	20,899
Big Lake	11.48	20,828
Sartell	18.52	20,814
Golden Valley	23.74	20,360
Lakeville	66.66	20,165
St. Paul Park	6.06	20,118
LaCrescent	5.84	19,729
Little Canada	11.35	19,625
Moorhead	48.01	19,556
North Mankato	15.77	19,450
Lino Lakes	23.84	19,286
Austin	30.21	18,625
Mahtomedi	9.56	18,387
Zimmerman	6.51	18,363
Shorewood	9.20	18,164
Bemidji	18.72	17,917
Isanti	6.89	17,877
International Falls	8.08	17,815
Orono	9.45	17,722
Rosemount	29.15	17,712
Litchfield	8.77	17,274
Hutchinson	18.49	17,184
St. Peter	15.42	17,124
New Ulm	18.01	16,899
Belle Plaine	8.95	16,879
St. Michael	22.75	16,824
Owatonna	34.64	16,677
Duluth	116.71	16,626
Albert Lea	24.31	16,606
Marshall	18.78	16,457
Andover	43.29	16,410
Mendota Heights	15.17	16,403
Brainerd	19.16	15,988
Willmar	27.87	15,957
Crookston	11.58	15,391
Hugo	21.19	15,176
Glencoe	8.39	15,039

Municipality	2016 Total Needs Mileage	2017 Tentative Money Needs Allocation Per Need Mile
Albertville	7.51	$20,823
Northfield	17.06	20,813
St. Paul Park	6.06	20,808
Lakeville	66.66	20,541
Stillwater	18.25	20,386
Worthington	11.79	20,269
Rosemount	29.15	20,157
Shakopee	37.49	20,129
Waconia	12.32	20,086
Chisholm	8.41	20,052
Monticello	12.19	19,911
Fridley	22.90	19,882
Virginia	17.14	19,849
New Brighton	15.22	19,845
Waseca	7.71	19,745
Mendota Heights	15.17	19,696
Shorewood	9.20	19,690
Orono	9.45	19,669
South St. Paul	17.46	19,633
Rogers	21.37	19,584
West St. Paul	13.58	19,553
North Branch	27.81	19,550
Savage	27.24	19,509
Little Canada	11.35	19,499
Shoreview	19.69	19,410
Blaine	50.18	19,190
Vadnais Heights	9.17	19,056
Glencoe	8.39	18,939
Detroit Lakes	24.52	18,889
Kasson	6.30	18,823
Roseville	30.96	18,695
Cloquet	22.35	18,675
Little Falls	21.75	18,631
La Crescent	5.84	18,624
Otsego	23.72	18,595
Falcon Heights	3.29	18,459
Prior Lake	21.67	18,458
Lake Elmo	16.30	18,342
Morris	9.18	18,233

Municipality	2016 Total Needs Mileage	2017 Tentative Total Allocation Per Need Mile
Albertville	7.51	$42,654
Thief River Falls	16.15	42,519
North Mankato	15.77	42,108
St. Michael	22.75	41,757
Austin	30.21	41,690
Waconia	12.32	41,460
Spring Lake Park	5.82	41,425
St. Paul Park	6.06	40,926
Kasson	6.30	40,846
Lakeville	66.66	40,706
Lino Lakes	23.84	40,643
Willmar	27.87	40,597
Brainerd	19.16	40,469
New Ulm	18.01	39,877
Byron	5.60	39,810
Hutchinson	18.49	39,781
St. Peter	15.42	39,555
Litchfield	8.77	39,133
Bemidji	18.72	39,127
Little Canada	11.35	39,124
Owatonna	34.64	39,055
Albert Lea	24.31	38,907
Marshall	18.78	38,618
La Crescent	5.84	38,353
Belle Plaine	8.95	37,969
New Prague	7.76	37,907
Rosemount	29.15	37,869
Shorewood	9.20	37,854
East Grand Forks	16.99	37,713
Big Lake	11.48	37,529
Fergus Falls	26.18	37,513
Red Wing	24.87	37,440
Orono	9.45	37,391
Elk River	38.27	36,759
Hastings	22.61	36,542
Grand Rapids	25.68	36,297
Mendota Heights	15.17	36,098
Forest Lake	33.83	35,000
Zimmerman	6.51	34,825

Municipality	2016 Total Needs Mileage	2017 Tentative Population Allocation Per Need Mile
Ramsey	37.86	$15,010
Red Wing	24.87	14,897
Otsego	23.72	14,616
Chisago City	8.10	14,263
Elk River	38.27	14,044
Montevideo	8.83	13,660
Lake City	8.39	13,626
Forest Lake	33.83	13,420
Chisholm	8.41	13,338
Morris	9.18	13,225
Rogers	21.37	12,982
Cloquet	22.35	12,302
St. Francis	13.45	12,206
Thief River Falls	16.15	12,161
Minnetrista	12.98	12,134
Lake Elmo	16.30	11,881
Fairmont	20.12	11,878
Hermantown	18.65	11,678
Cambridge	16.37	11,629
East Grand Forks	16.99	11,571
Virginia	17.14	11,389
Fergus Falls	26.18	11,373
Redwood Falls	10.52	11,195
Wyoming	15.92	11,087
Dayton	10.62	10,674
Medina	12.59	10,620
Baxter	17.12	10,556
Ham Lake	33.74	10,475
Grand Rapids	25.68	9,843
East Bethel	28.84	9,138
Little Falls	21.75	9,092
Alexandria	33.29	8,979
Detroit Lakes	24.52	8,489
North Branch	27.81	8,323
Corcoran	15.53	7,899
Oak Grove	25.73	7,239
Hibbing	54.19	6,765
Total		**$21,206**

Municipality	2016 Total Needs Mileage	2017 Tentative Money Needs Allocation Per Need Mile
Crystal	17.47	$18,224
Byron	5.60	18,187
Andover	43.29	18,167
Montevideo	8.83	18,016
Mounds View	10.86	17,953
Circle Pines	3.60	17,897
Minnetrista	12.98	17,885
Wyoming	15.92	17,689
Arden Hills	7.53	17,649
Redwood Falls	10.52	17,456
Cambridge	16.37	17,407
Hugo	21.19	17,384
Brooklyn Park	60.14	17,362
White Bear Lake	21.02	17,322
Chisago City	8.10	17,305
Oak Grove	25.73	17,282
Hibbing	54.19	17,169
East Bethel	28.84	17,153
Ramsey	37.86	16,735
Big Lake	11.48	16,701
Lake City	8.39	16,676
Brooklyn Center	21.34	16,595
Zimmerman	6.51	16,462
Victoria	7.43	16,434
Stewartville	4.71	16,415
Isanti	6.89	16,368
Spring Lake Park	5.82	16,350
International Falls	8.08	16,329
New Prague	7.76	16,227
Oakdale	19.39	15,644
Corcoran	15.53	15,615
Ham Lake	33.74	15,521
Mahtomedi	9.56	14,331
Hastings	22.61	14,059
Dayton	10.62	13,770
Medina	12.59	12,153
St. Joseph	6.66	4,474
		$21,045

Municipality	2016 Total Needs Mileage	2017 Tentative Total Allocation Per Need Mile
Andover	43.29	$34,577
St. Francis	13.45	34,487
Isanti	6.89	34,245
International Falls	8.08	34,144
Glencoe	8.39	33,978
Fairmont	20.12	33,568
Chisholm	8.41	33,390
Hermantown	18.65	33,234
Otsego	23.72	33,211
Mahtomedi	9.56	32,719
Rogers	21.37	32,566
Hugo	21.19	32,560
Ramsey	37.86	31,745
Montevideo	8.83	31,676
Baxter	17.12	31,588
Chisago City	8.10	31,568
Morris	9.18	31,458
Virginia	17.14	31,239
Cloquet	22.35	30,977
Lake City	8.39	30,302
Alexandria	33.29	30,230
Lake Elmo	16.30	30,223
Minnetrista	12.98	30,019
Cambridge	16.37	29,036
Wyoming	15.92	28,776
Redwood Falls	10.52	28,650
North Branch	27.81	27,873
Little Falls	21.75	27,722
Detroit Lakes	24.52	27,379
St. Joseph	6.66	27,258
East Bethel	28.84	26,291
Ham Lake	33.74	25,996
Oak Grove	25.73	24,521
Dayton	10.62	24,444
Hibbing	54.19	23,934
Corcoran	15.53	23,514
Medina	12.59	22,773
		$42,251

OTHER TOPICS

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

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 $868,060 (not to exceed 1/2 of 1% of the 2016 MSAS Apportionment sum of $173,612,036) shall be set aside from the 2017 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**	
2010	608,806	608,806			

N:MSAS/BOOKS/2016 OCTOBER BOOK/Past History of Administrative & Research Accounts 2016.xlsx

MUNICIPAL STATE AID CONSTUCTION 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/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 summited 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 summited 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 2016

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 ½ 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 ¼ 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 <u>centerline length</u> of the bridge, or the <u>culvert width</u> 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.

2016 UNIT PRICE RECOMMENDATIONS

for the January 2017 distribution

Needs Item		Municipal Screening Board Approved Prices for the 2016 Distribution	Needs Study Subcommittee Recommended Prices for 2017 Distribution	Municipal Screening Board Approved Prices for the 2017 Distribution
Grading (Excavation)	Cu. Yd.	$7.50	$7.65	**$7.65**
Aggregate Base	Ton	14.00	14.30	**14.30**
All Bituminous	Ton	65.50	66.80	**66.80**
Sidewalk Construction	Sq. Ft.	4.25	4.35	**4.35**
Curb and Gutter Construction	Lin.Ft.	13.75	14.00	**14.00**
Traffic Signals	Per Sig	185,000	188,700	**188,700**
Street Lighting	Mile	100,000	100,000	**100,000**
Engineering	Percent	22	22	**22**
All Structures (includes both bridges and box culverts)				
	Sq. Ft.	96.50	120.00	**120.00**
Storm Sewer (based on ADT)	Per Mile			
0 ADT & Non Existing		150,900	153,600	**153,600**
1-499		153,800	156,500	**156,500**
500-1,999		162,400	165,300	**165,300**
2,000-4,999		171,000	174,000	**174,000**
5,000-8,999		182,500	185,700	**185,700**
9,000-13,999		191,100	194,500	**194,500**
14,000-24,999		202,500	206,100	**206,100**
25,000 and over		214,000	217,800	**217,800**

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 11th, 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 31st 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 31st 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.

2016 Item By Item Tabulation Of Needs

CITY NUMBER	MUNICIPALITY	GRADING	STORM SEWER	BASE	SURFACE	CURB AND GUTTER	SIDEWALK	SIGNALS	LIGHTING	STRUCTURES NON ATF	ENGINEERING	TOTAL NEEDS	TOTAL NEEDS MILEAGE	COST PER MILE	MUNICIPALITY
101	ALBERT LEA	$4,333,797	$4,189,071	$5,898,430	$7,565,534	$3,783,227	$5,452,605	$1,085,025	$2,431,000	$2,750,640	$8,247,652	$45,736,981	24.31	$1,881,406	ALBERT LEA
242	ALBERTVILLE	1,436,461	1,307,790	2,065,277	2,400,366	1,153,152	1,724,898	94,350	751,000	0	2,405,324	13,338,618	7.51	1,776,114	ALBERTVILLE
102	ALEXANDRIA	6,284,842	5,794,856	8,869,683	10,732,970	5,036,907	7,646,040	1,132,200	3,329,000	89,760	10,761,579	59,677,837	33.29	1,792,666	ALEXANDRIA
198	ANDOVER	5,922,502	7,105,964	6,742,206	11,262,230	6,706,020	7,605,857	896,325	4,329,000	659,280	11,270,468	62,499,852	43.29	1,443,748	ANDOVER
103	ANOKA	2,652,386	2,644,887	3,428,119	5,032,001	2,369,878	3,322,322	801,975	1,542,000	3,218,640	5,502,684	30,514,892	15.42	1,978,916	ANOKA
186	APPLE VALLEY	8,067,596	6,685,151	11,856,481	14,358,124	5,863,333	8,166,273	3,443,775	3,731,000	0	13,677,785	75,849,518	37.31	2,032,954	APPLE VALLEY
187	ARDEN HILLS	1,078,912	1,246,189	1,277,840	2,011,237	1,135,411	1,464,212	188,700	753,000	93,840	2,034,855	11,284,196	7.53	1,498,565	ARDEN HILLS
104	AUSTIN	5,488,838	5,223,684	7,531,927	9,628,957	4,674,700	6,715,845	2,453,100	3,021,000	7,391,520	11,468,508	63,598,079	30.21	2,105,200	AUSTIN
230	BAXTER	3,215,368	2,975,065	4,498,671	5,636,896	2,692,162	3,635,832	424,575	1,712,000	0	5,453,927	30,244,496	17.12	1,766,618	BAXTER
239	BELLE PLAINE	1,456,146	1,511,326	1,907,124	2,573,793	1,323,170	1,848,925	0	895,000	1,279,699	2,814,943	15,610,126	8.95	1,744,148	BELLE PLAINE
105	BEMIDJI	3,452,156	3,250,886	4,736,223	6,103,447	2,767,569	4,173,294	1,037,850	1,872,000	2,525,520	6,582,172	36,501,117	18.72	1,949,846	BEMIDJI
232	BIG LAKE	1,533,670	1,888,296	1,656,665	2,994,682	1,697,203	2,392,118	94,350	1,148,000	0	2,949,095	16,354,079	11.48	1,424,571	BIG LAKE
106	BLAINE	9,629,126	8,756,737	13,662,423	16,558,327	8,993,102	10,603,178	2,500,275	5,018,000	974,640	16,873,084	93,568,892	50.18	1,864,665	BLAINE
107	BLOOMINGTON	17,498,910	13,860,078	26,042,985	31,626,955	14,352,315	17,297,190	10,637,963	7,612,000	4,200,480	31,488,357	174,617,233	76.12	2,293,973	BLOOMINGTON
108	BRAINERD	3,287,320	3,279,227	4,341,124	5,907,929	2,977,500	4,079,119	849,150	1,916,000	4,818,240	6,920,232	38,375,841	19.16	2,002,914	BRAINERD
109	BROOKLYN CENTER	4,383,263	3,786,360	6,363,978	7,504,332	3,721,135	4,872,664	1,957,763	2,134,000	1,924,800	8,062,623	44,710,918	21.34	2,095,170	BROOKLYN CENTER
110	BROOKLYN PARK	12,080,209	10,601,557	17,550,702	20,346,462	9,630,300	13,675,148	4,269,342	6,014,000	199,680	20,760,825	115,128,225	60.14	1,914,337	BROOKLYN PARK
213	BUFFALO	3,141,954	2,977,452	4,342,210	5,395,408	2,658,159	3,948,201	424,575	1,719,000	0	5,413,531	30,020,490	17.19	1,746,393	BUFFALO
179	BURNSVILLE	10,046,827	8,102,193	14,898,692	17,942,271	8,154,854	10,282,769	4,859,025	4,477,000	0	17,328,003	96,091,634	44.77	2,146,340	BURNSVILLE
249	BYRON	969,749	960,066	1,299,045	1,697,558	884,084	1,286,205	47,175	560,000	0	1,694,855	9,398,737	5.60	1,678,346	BYRON
218	CAMBRIDGE	3,091,173	2,850,664	4,364,540	5,230,964	2,439,362	3,659,947	707,625	1,637,000	2,411,520	5,806,411	32,199,206	16.37	1,966,964	CAMBRIDGE
193	CHAMPLIN	3,725,879	3,479,898	5,193,639	6,508,224	3,561,464	4,340,954	1,085,028	2,007,000	896,640	6,775,722	37,574,448	20.07	1,872,170	CHAMPLIN
194	CHANHASSEN	4,476,476	3,984,926	6,491,406	7,583,142	3,706,351	5,188,436	1,438,839	2,276,000	1,243,200	8,003,773	44,384,564	22.76	1,950,113	CHANHASSEN
196	CHASKA	3,780,982	3,610,121	5,226,436	6,537,954	3,153,433	4,484,508	967,088	2,095,000	2,352,960	7,085,866	39,294,348	20.95	1,875,625	CHASKA
252	CHISAGO CITY	1,178,453	1,343,518	1,415,486	2,181,965	1,197,505	1,534,263	94,350	810,000	0	2,146,219	11,901,759	8.10	1,469,353	CHISAGO CITY
111	CHISHOLM	1,154,663	1,389,630	1,278,303	2,232,064	1,243,332	1,807,581	235,875	841,000	63,840	2,254,183	12,500,471	8.41	1,486,382	CHISHOLM
244	CIRCLE PINES	497,163	593,967	561,227	950,213	538,137	747,609	188,700	360,000	0	976,142	5,413,158	3.60	1,503,655	CIRCLE PINES
112	CLOQUET	3,364,339	3,737,570	4,091,755	6,203,873	3,387,011	4,591,300	754,800	2,235,000	816,000	6,419,962	35,601,610	22.35	1,592,913	CLOQUET
113	COLUMBIA HEIGHTS	2,090,565	2,134,497	2,692,560	3,802,056	1,853,918	2,834,250	471,752	1,250,000	0	3,768,506	20,898,104	12.50	1,671,848	COLUMBIA HEIGHTS
114	COON RAPIDS	9,107,063	7,714,859	13,209,867	16,160,118	7,003,183	9,801,595	3,726,826	4,323,000	5,040,960	16,739,243	92,826,714	43.23	2,147,275	COON RAPIDS
215	CORCORAN	1,671,679	2,469,129	1,425,365	3,534,955	2,295,954	2,247,419	47,175	1,553,000	106,512	3,377,263	18,728,451	15.53	1,205,953	CORCORAN
180	COTTAGE GROVE	6,535,804	6,130,130	8,937,374	11,810,628	6,122,054	7,491,013	1,226,550	3,531,000	414,720	11,483,840	63,683,113	35.31	1,803,543	COTTAGE GROVE
115	CROOKSTON	1,857,418	1,959,758	2,355,943	3,355,113	1,711,994	2,589,644	235,875	1,158,000	5,116,800	4,474,918	24,815,463	11.58	2,142,959	CROOKSTON
116	CRYSTAL	2,639,074	2,932,427	3,102,684	5,185,064	2,695,126	3,705,891	613,277	1,747,000	0	4,976,521	27,597,064	17.47	1,579,683	CRYSTAL
229	DAYTON	1,278,069	1,711,065	1,280,845	2,554,490	1,675,028	1,681,257	94,350	1,062,000	0	2,494,163	13,831,267	10.62	1,302,379	DAYTON
247	DELANO	939,074	1,036,573	1,162,394	1,712,556	919,088	1,206,968	188,700	621,000	921,600	1,915,528	10,622,481	6.21	1,710,544	DELANO
117	DETROIT LAKES	4,162,981	4,192,488	5,463,202	7,451,517	3,625,036	5,572,041	849,150	2,452,000	995,520	7,648,069	42,412,004	24.52	1,729,690	DETROIT LAKES
118	DULUTH	22,537,864	20,428,625	31,743,619	39,658,697	17,700,893	26,115,760	14,954,475	11,671,000	12,155,208	43,332,555	240,298,696	116.71	2,058,938	DULUTH
195	EAGAN	10,711,412	8,808,893	16,001,309	18,111,772	7,944,926	11,041,871	2,641,800	4,903,000	2,027,520	18,082,352	100,274,855	49.03	2,045,173	EAGAN
203	EAST BETHEL	3,196,431	4,601,645	2,848,393	6,662,171	4,263,705	4,639,534	0	2,884,000	40,800	6,410,067	35,546,746	28.84	1,232,550	EAST BETHEL
119	EAST GRAND FORKS	2,807,132	2,887,324	3,623,521	5,105,518	2,511,802	3,517,547	566,100	1,699,000	8,077,440	6,774,981	37,570,365	16.99	2,211,322	EAST GRAND FORKS
181	EDEN PRAIRIE	10,883,749	8,784,289	16,151,457	19,303,456	8,437,226	11,107,320	4,269,339	4,854,000	1,974,000	18,868,266	104,633,102	48.54	2,155,606	EDEN PRAIRIE
120	EDINA	9,087,302	7,371,732	13,593,484	15,657,251	6,623,236	9,382,436	4,434,451	4,085,000	2,948,640	16,100,378	89,283,910	40.85	2,185,653	EDINA
204	ELK RIVER	7,098,555	6,645,505	9,823,177	12,437,432	6,182,670	8,387,913	1,509,600	3,827,000	2,678,400	12,889,858	71,480,110	38.27	1,867,784	ELK RIVER
123	FAIRMONT	3,639,690	3,466,666	5,070,970	6,205,796	2,989,325	4,427,083	1,037,850	2,012,000	1,522,560	6,681,826	37,053,766	20.12	1,841,638	FAIRMONT
124	FALCON HEIGHTS	481,134	547,093	574,713	894,558	486,392	649,997	283,052	329,000	0	934,107	5,180,046	3.29	1,574,482	FALCON HEIGHTS
125	FARIBAULT	4,749,957	4,232,880	6,801,760	8,114,655	3,558,505	5,528,394	754,800	2,407,000	6,942,960	9,479,996	52,570,907	24.07	2,184,084	FARIBAULT
212	FARMINGTON	2,786,092	2,831,228	3,696,082	4,876,870	2,584,244	3,228,153	47,175	1,669,000	1,468,800	5,101,280	28,288,924	16.69	1,694,962	FARMINGTON
126	FERGUS FALLS	5,127,074	4,599,817	7,248,298	9,000,108	4,052,298	5,856,844	1,745,475	2,618,000	7,001,040	10,394,764	57,643,718	26.18	2,201,823	FERGUS FALLS
214	FOREST LAKE	5,199,398	5,672,661	6,427,135	9,575,828	5,130,048	6,798,523	801,975	3,383,000	0	9,457,487	52,446,055	33.83	1,550,282	FOREST LAKE
127	FRIDLEY	3,927,358	3,910,054	5,269,297	6,888,622	3,642,783	4,807,202	943,501	2,290,000	0	6,969,341	38,648,158	22.90	1,687,692	FRIDLEY
226	GLENCOE	1,322,195	1,414,215	1,662,603	2,396,568	1,240,376	1,780,021	0	839,000	0	2,344,093	12,999,071	8.39	1,549,353	GLENCOE
128	GOLDEN VALLEY	4,574,260	4,152,514	6,479,267	7,883,799	3,769,917	5,421,597	2,688,975	2,374,000	1,277,040	8,496,705	47,118,074	23.74	1,984,755	GOLDEN VALLEY
129	GRAND RAPIDS	4,039,564	4,330,718	5,035,009	7,441,847	3,796,533	5,582,376	943,500	2,568,000	1,710,720	7,798,626	43,246,893	25.68	1,684,069	GRAND RAPIDS
197	HAM LAKE	3,945,679	5,423,382	3,770,285	8,035,803	4,992,564	5,823,537	141,525	3,374,000	269,280	7,870,725	43,646,780	33.74	1,293,621	HAM LAKE
130	HASTINGS	4,363,445	3,956,518	6,191,721	7,477,586	3,342,659	5,128,755	660,450	2,261,000	1,863,840	7,754,117	43,000,091	22.61	1,901,817	HASTINGS
202	HERMANTOWN	3,359,841	3,215,008	4,644,027	5,761,614	2,757,216	4,136,535	471,750	1,865,000	192,000	5,808,658	32,211,649	18.65	1,727,166	HERMANTOWN
131	HIBBING	7,747,606	8,982,045	9,055,539	14,556,397	8,033,624	10,451,588	754,800	5,419,000	46,920	14,310,455	79,357,974	54.19	1,464,439	HIBBING
132	HOPKINS	2,103,650	1,777,944	3,121,202	3,521,761	1,476,926	2,266,943	2,217,225	999,000	0	3,846,628	21,331,279	9.99	2,135,263	HOPKINS
224	HUGO	2,972,045	3,505,924	3,395,002	5,652,843	3,369,271	4,311,090	283,050	2,119,000	28,560	5,640,094	31,276,879	21.19	1,476,021	HUGO
133	HUTCHINSON	3,450,943	3,212,225	4,817,475	6,002,860	2,745,388	4,220,373	566,100	1,849,000	6,034,800	7,237,818	40,136,982	18.49	2,170,740	HUTCHINSON
134	INTERNATIONAL FALLS	1,014,976	1,316,215	1,031,010	2,020,084	1,194,554	1,540,899	283,050	808,000	0	2,029,456	11,254,244	8.08	1,392,852	INTERNATIONAL FALLS
178	INVER GROVE HEIGHTS	5,889,628	5,845,460	7,807,148	10,618,679	5,802,719	7,348,612	1,085,025	3,413,000	0	10,518,261	58,328,532	34.13	1,709,011	INVER GROVE HEIGHTS
245	ISANTI	898,873	1,129,095	948,589	1,771,826	1,018,621	1,393,012	0	689,000	0	1,726,784	9,575,800	6.89	1,389,811	ISANTI
246	JORDAN	938,014	1,020,865	1,170,952	1,705,495	900,347	1,273,575	0	609,000	729,600	1,836,526	10,184,374	6.09	1,672,311	JORDAN
240	KASSON	938,046	1,048,899	1,147,627	1,720,893	931,393	1,244,865	0	630,000	600,000	1,817,580	10,079,303	6.30	1,599,889	KASSON
236	LA CRESCENT	782,632	960,794	849,527	1,524,697	863,388	1,202,377	0	584,000	0	1,488,830	8,256,245	5.84	1,413,741	LA CRESCENT
234	LAKE CITY	1,110,059	1,376,543	1,195,707	2,167,718	1,240,380	1,660,589	141,525	839,000	0	2,140,936	11,872,457	8.39	1,415,072	LAKE CITY
206	LAKE ELMO	2,478,522	2,739,593	2,985,940	4,606,584	2,458,579	3,711,629	47,175	1,630,000	244,800	4,598,621	25,501,443	16.30	1,564,506	LAKE ELMO
188	LAKEVILLE	12,014,241	11,481,803	16,634,604	20,563,387	10,619,346	14,036,894	2,170,050	6,666,000	183,739	20,761,414	115,131,478	66.66	1,727,145	LAKEVILLE
210	LINO LAKES	3,055,894	3,893,389	3,182,040	6,049,406	3,559,990	4,735,997	188,700	2,384,000	0	5,950,871	33,000,287	23.84	1,384,240	LINO LAKES
135	LITCHFIELD	1,192,757	1,447,935	1,303,256	2,320,299	1,296,558	1,907,492	235,875	877,000	0	2,327,858	12,909,030	8.77	1,471,953	LITCHFIELD
200	LITTLE CANADA	1,897,456	1,931,474	2,497,035	3,353,630	1,677,984	2,519,593	283,050	1,135,000	107,395	3,388,578	18,791,195	11.35	1,655,612	LITTLE CANADA
136	LITTLE FALLS	3,241,722	3,632,034	3,897,211	6,037,765	3,252,479	4,311,094	566,100	2,175,000	0	5,964,956	33,078,361	21.75	1,520,844	LITTLE FALLS
219	MAHTOMEDI	1,347,513	1,584,445	1,536,491	2,566,663	1,513,883	1,952,281	94,350	956,000	0	2,541,358	14,092,984	9.56	1,474,162	MAHTOMEDI
137	MANKATO	9,072,624	7,303,162	13,358,292	16,469,168	6,599,583	9,088,435	5,236,426	4,026,000	2,342,400	16,169,143	89,665,233	40.26	2,227,154	MANKATO
189	MAPLE GROVE	11,034,975	9,989,323	15,454,787	19,823,416	9,653,945	11,922,685	4,009,876	5,710,000	1,803,576	19,668,572	109,071,155	57.10	1,910,178	MAPLE GROVE
138	MAPLEWOOD	6,598,851	6,330,443	9,053,291	11,401,174	5,895,859	8,302,932	1,320,901	3,668,000	2,554,397	12,127,686	67,253,534	36.68	1,833,521	MAPLEWOOD
139	MARSHALL	3,254,435	3,208,677	4,432,491	5,627,811	3,203,690	4,214,627	518,925	1,878,000	1,960,560	6,225,829	34,525,045	18.78	1,838,394	MARSHALL
250	MEDINA	1,542,122	2,041,745	1,530,763	3,107,672	1,861,306	2,358,812	188,700	1,259,000	0	3,055,828	16,945,948	12.59	1,345,985	MEDINA
140	MENDOTA HEIGHTS	2,470,736	2,568,469	3,203,039	4,403,165	2,306,304	3,323,471	377,400	1,517,000	0	4,437,309	24,606,893	15.17	1,622,076	MENDOTA HEIGHTS
141	MINNEAPOLIS	46,616,637	37,468,503	69,466,677	82,074,823	31,756,026	47,341,617	70,715,326	20,682,000	65,401,224	103,735,020	575,257,853	206.82	2,781,442	MINNEAPOLIS
142	MINNETONKA	9,564,548	8,893,810	13,377,070	16,547,784	7,842,911	11,423,137	3,302,250	5,119,000	0	16,735,513	92,806,023	51.19	1,812,972	MINNETONKA
243	MINNETRISTA	1,386,466	2,063,578	1,157,791	2,953,609	1,918,964	1,910,938	47,175	1,298,000	117,600	2,827,907	15,682,028	12.98	1,208,169	MINNETRISTA
143	MONTEVIDEO	1,328,290	1,476,895	1,614,239	2,452,544	1,305,429	1,908,642	141,525	883,000	0	2,444,324	13,554,888	8.83	1,535,095	MONTEVIDEO
222	MONTICELLO	2,112,522	2,089,889	2,831,292	3,695,376	1,840,611	2,756,159	424,575	1,219,000	0	3,733,272	20,702,696	12.19	1,698,334	MONTICELLO
144	MOORHEAD	9,694,489	8,492,887	13,690,273	17,794,588	8,644,213	10,716,876	4,623,151	4,801,000	22,377,600	22,183,723	123,018,800	48.01	2,562,358	MOORHEAD
190	MORRIS	1,393,588	1,537,717	1,706,020	2,563,607	1,388,826	1,999,366	141,525	918,000	0	2,560,941	14,201,590	9.18	1,547,014	MORRIS
145	MOUND	1,220,986	1,330,154	1,524,960	2,218,657	1,173,851	1,636,470	94,350	794,000	0	2,198,556	12,191,984	7.94	1,535,514	MOUND
146	MOUNDS VIEW	1,579,758	1,807,622	1,861,344	2,962,736	1,623,286	2,307,135	330,225	1,086,000	0	2,982,781	16,540,887	10.86	1,523,102	MOUNDS VIEW
147	NEW BRIGHTON	2,315,188	2,543,616	2,859,155	4,268,214	2,250,127	3,028,335	495,338	1,522,000	165,600	4,278,464	23,726,037	15.22	1,558,872	NEW BRIGHTON
182	NEW HOPE	2,615,935	2,273,272	3,806,733	4,465,486	1,901,224	2,939,909	990,677	1,286,000	0	4,461,433	24,740,669	12.86	1,923,847	NEW HOPE
237	NEW PRAGUE	1,004,698	1,268,316	1,062,455	1,975,508	1,147,241	1,483,734	0	776,000	40,800	1,926,924	10,685,676	7.76	1,377,020	NEW PRAGUE
148	NEW ULM	2,927,327	3,049,576	3,782,585	5,228,841	2,887,314	4,013,654	283,050	1,801,000	3,306,240	6,001,508	33,281,095	18.01	1,847,923	NEW ULM
225	NORTH BRANCH	3,587,523	4,535,704	3,819,055	7,022,374	4,206,046	4,989,797	94,350	2,781,000	0	6,827,890	37,863,739	27.81	1,361,515	NORTH BRANCH
150	NORTH MANKATO	3,174,529	2,790,068	4,477,203	5,786,642	2,519,195	3,547,406	943,500	1,577,000	0	5,459,419	30,274,962	15.77	1,919,782	NORTH MANKATO
151	NORTH ST PAUL	1,802,052	1,911,890	2,293,398	3,242,199	1,698,681	2,345,036	424,576	1,134,000	0	3,267,404	18,119,236	11.34	1,597,816	NORTH ST PAUL
149	NORTHFIELD	2,849,089	2,904,018	3,731,751	5,061,045	2,844,440	3,724,256	0	1,706,000	2,004,480	5,461,517	30,286,596	17.06	1,775,299	NORTHFIELD
223	OAK GROVE	3,257,206	4,182,852	3,409,617	6,413,810	3,803,927	4,686,620	0	2,573,000	0	6,231,947	34,556,979	25.73	1,343,139	OAK GROVE
185	OAKDALE	4,149,886	3,464,171	6,205,547	6,870,598	2,947,926	4,453,495	1,037,850	1,939,000	0	6,836,340	37,910,813	19.39	1,955,163	OAKDALE
152	ORONO	1,562,032	1,607,199	2,027,222	2,786,112	1,410,395	2,170,477	188,700	945,000	1,363,680	3,093,381	17,154,198	9.45	1,815,259	ORONO
217	OTSEGO	3,710,701	3,990,225	4,663,234	6,726,993	3,506,765	5,206,848	235,875	2,372,000	0	6,690,783	37,103,424	23.72	1,564,225	OTSEGO
153	OWATONNA	6,570,921	6,041,186	9,165,159	11,671,727	5,121,174	7,915,922	1,226,550	3,464,000	2,921,040	11,901,487	65,999,166	34.64	1,905,288	OWATONNA
155	PLYMOUTH	14,014,068	11,523,559	20,667,729	24,677,041	10,495,164	14,402,087	1,226,550	6,404,000	3,206,362	23,455,648	130,072,208	64.04	2,031,109	PLYMOUTH
201	PRIOR LAKE	3,155,514	3,602,587	3,747,838	5,885,607	3,605,818	4,553,405	660,450	2,167,000	144,480	6,054,993	33,577,692	21.67	1,549,501	PRIOR LAKE
199	RAMSEY	4,938,512	6,176,614	5,362,089	9,570,427	5,632,707	6,953,563	801,975	3,786,000	905,760	9,708,081	53,835,728	37.86	1,421,969	RAMSEY
156	RED WING	4,569,111	4,307,731	6,327,447	7,949,402	3,911,848	5,619,123	424,575	2,487,000	2,384,400	8,355,741	46,336,378	24.87	1,863,143	RED WING
207	REDWOOD FALLS	1,335,167	1,715,448	1,376,018	2,653,660	1,571,537	2,062,523	94,350	1,052,000	919,560	2,811,658	15,591,921	10.52	1,482,122	REDWOOD FALLS
157	RICHFIELD	5,007,965	4,370,718	7,122,978	9,007,370	4,501,731	5,666,207	3,538,125	2,467,000	0	9,170,062	50,852,156	24.67	2,061,295	RICHFIELD
158	ROBBINSDALE	1,704,154	1,716,318	2,238,455	3,066,991	1,543,449	2,200,338	731,214	1,005,000	897,120	3,322,669	18,425,708	10.05	1,833,404	ROBBINSDALE
159	ROCHESTER	22,962,527	18,758,722	33,556,636	41,745,647	17,910,813	23,106,959	14,482,725	10,391,000	22,615,152	45,216,640	250,746,821	103.91	2,413,115	ROCHESTER
238	ROGERS	3,853,389	3,691,777	5,255,414	6,784,139	3,554,073	4,873,806	613,275	2,137,000	0	6,767,829	37,530,702	21.37	1,756,233	ROGERS
208	ROSEMOUNT	4,640,148	4,910,440	5,936,504	8,300,927	4,340,582	5,544,832	424,575	2,915,000	1,008,000	8,362,732	46,391,750	29.15	1,591,485	ROSEMOUNT
160	ROSEVILLE	4,728,448	5,187,218	5,823,758	8,699,089	4,671,748	6,421,854	1,509,602	3,096,000	117,120	8,856,064	49,110,901	30.96	1,586,269	ROSEVILLE
220	SARTELL	3,674,820	3,256,393	5,292,604	6,294,439	3,063,243	4,230,704	424,575	1,852,000	422,150	6,272,401	34,783,329	18.52	1,878,150	SARTELL
191	SAUK RAPIDS	2,487,448	2,442,452	3,312,863	4,494,541	2,362,487	3,263,753	754,800	1,421,000	4,828,560	5,580,936	30,948,840	14.21	2,177,962	SAUK RAPIDS
211	SAVAGE	4,858,501	4,682,207	6,698,793	8,332,623	4,235,618	5,886,698	471,750	2,724,000	1,344,000	8,631,525	47,865,715	27.24	1,757,185	SAVAGE
166	SHAKOPEE	7,042,506	6,529,480	9,690,139	12,785,890	5,838,204	8,336,234	990,675	3,749,000	526,080	12,207,405	67,695,613	37.49	1,805,698	SHAKOPEE
167	SHOREVIEW	3,205,039	3,332,909	4,154,893	5,709,612	3,092,812	4,348,991	778,388	1,969,000	0	5,850,162	32,441,806	19.69	1,647,629	SHOREVIEW
216	SHOREWOOD	1,564,166	1,569,132	2,090,265	2,739,989	1,360,128	2,113,057	141,525	920,000	0	2,749,618	15,247,880	9.20	1,657,378	SHOREWOOD
168	SOUTH ST PAUL	2,980,194	2,986,960	3,918,917	5,375,484	2,581,285	3,898,819	424,575	1,746,000	54,060	5,272,582	29,238,876	17.46	1,674,621	SOUTH ST PAUL
183	SPRING LAKE PARK	1,082,473	1,010,400	1,517,641	1,841,022	870,778	1,336,737	0	582,000	0	1,813,033	10,054,084	5.82	1,727,506	SPRING LAKE PARK
161	ST ANTHONY	1,189,624	1,047,051	1,725,110	2,020,959	925,479	1,308,030	589,689	595,000	927,360	2,272,225	12,600,527	5.95	2,117,736	ST ANTHONY
162	ST CLOUD	13,557,686	11,481,311	19,411,440	25,047,831	10,857,367	13,910,569	7,996,163	6,430,000	8,675,040	25,820,831	143,188,238	64.30	2,226,878	ST CLOUD
235	ST FRANCIS	1,884,783	2,228,315	2,130,181	3,605,654	1,988,450	2,764,200	0	1,345,000	0	3,508,247	19,454,830	13.45	1,446,456	ST FRANCIS
233	ST JOSEPH	1,006,716	1,113,415	1,205,400	1,949,344	980,620	1,181,703	188,700	666,000	0	1,822,588	10,125,486	6.66	1,520,327	ST JOSEPH
163	ST LOUIS PARK	7,389,992	5,975,216	10,886,139	13,415,330	5,575,054	7,503,642	5,071,313	3,302,000	1,423,680	13,319,325	73,861,691	33.02	2,236,877	ST LOUIS PARK
227	ST MICHAEL	3,287,132	3,785,341	3,836,104	6,197,800	3,820,190	4,958,791	330,225	2,275,000	0	6,267,925	34,758,508	22.75	1,527,847	ST MICHAEL
164	ST PAUL	36,163,340	29,648,738	53,306,401	64,341,419	26,705,811	37,008,345	32,527,165	16,473,000	83,076,540	83,435,162	462,685,921	164.73	2,808,753	ST PAUL
184	ST PAUL PARK	959,564	1,019,971	1,226,026	1,722,309	895,914	1,272,428	0	606,000	1,891,200	2,110,551	11,703,963	6.06	1,931,347	ST PAUL PARK
165	ST PETER	2,665,535	2,639,959	3,553,153	4,781,179	2,279,693	3,398,114	141,525	1,542,000	0	4,620,254	25,621,412	15

2016 Mileage Report

CITY NUMBER	MUNICIPALITY	TOTAL LENGTH OUTSIDE THE CITY LIMITS	TOTAL NEEDS LENGTH CODED AS COMMON BOUNDARY DESGN.	TOTAL NEEDS LENGTH OF MSB APPROVED ONE WAY MILEAGE	TOTAL LENGTH OF THTB ELIGIBLE FOR THTB FUNDING	TRUNK HIGHWAY TURNBACK (Non Eligible for THTB funding)	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
101	ALBERT LEA	0.00	0.00	0.00	0.00	1.00	0.28	0.90	1.00	24.31	0.00	0.00	24.31	24.31	ALBERT LEA
242	ALBERTVILLE	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	7.51	0.00	0.00	7.51	7.51	ALBERTVILLE
102	ALEXANDRIA	0.00	0.00	0.00	0.00	0.60	4.80	7.06	0.60	33.29	0.00	0.00	33.29	33.29	ALEXANDRIA
198	ANDOVER	0.04	1.73	0.00	0.00	0.00	0.00	1.80	0.00	32.87	0.00	10.42	43.29	43.33	ANDOVER
103	ANOKA	0.00	0.00	0.00	0.00	1.07	0.00	1.18	1.07	15.42	0.00	0.00	15.42	15.42	ANOKA
186	APPLE VALLEY	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	34.31	0.00	3.00	37.31	37.31	APPLE VALLEY
187	ARDEN HILLS	0.00	0.13	0.00	0.00	0.00	1.78	0.24	0.00	6.92	0.00	0.61	7.53	7.53	ARDEN HILLS
104	AUSTIN	0.00	0.00	0.00	0.00	4.72	0.00	0.00	4.72	29.88	0.33	0.00	30.21	30.21	AUSTIN
230	BAXTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.22	0.00	0.90	17.12	17.12	BAXTER
239	BELLE PLAINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.00	0.52	8.95	8.95	BELLE PLAINE
105	BEMIDJI	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	18.72	0.00	0.00	18.72	18.72	BEMIDJI
232	BIG LAKE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.48	0.00	0.00	11.48	11.48	BIG LAKE
106	BLAINE	0.00	0.17	0.00	0.00	0.00	0.00	2.37	0.00	45.34	0.00	4.84	50.18	50.18	BLAINE
107	BLOOMINGTON	0.00	0.65	0.00	0.00	1.54	0.58	0.00	1.54	76.12	0.00	0.00	76.12	76.12	BLOOMINGTON
108	BRAINERD	0.00	0.00	0.00	0.00	2.48	0.00	0.00	2.48	18.33	0.00	0.83	19.16	19.16	BRAINERD
109	BROOKLYN CENTER	0.00	0.94	0.00	0.00	0.52	0.00	0.00	0.52	21.34	0.00	0.00	21.34	21.34	BROOKLYN CENTER
110	BROOKLYN PARK	0.00	2.87	0.00	0.00	4.48	1.00	0.00	4.48	58.94	0.00	1.20	60.14	60.14	BROOKLYN PARK
213	BUFFALO	0.09	0.00	0.00	0.00	0.00	1.16	1.46	0.00	17.19	0.00	0.00	17.19	17.28	BUFFALO
179	BURNSVILLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.77	0.00	0.00	44.77	44.77	BURNSVILLE
249	BYRON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.60	0.00	0.00	5.60	5.60	BYRON
218	CAMBRIDGE	0.00	0.00	0.00	0.00	3.83	1.20	0.49	3.83	16.12	0.00	0.25	16.37	16.37	CAMBRIDGE
193	CHAMPLIN	0.00	2.06	0.00	0.00	0.70	0.14	0.00	0.70	19.77	0.00	0.30	20.07	20.07	CHAMPLIN
194	CHANHASSEN	0.00	0.50	0.00	0.00	0.60	0.00	0.00	0.60	22.35	0.00	0.41	22.76	22.76	CHANHASSEN
196	CHASKA	0.00	0.11	0.00	0.00	0.00	0.00	2.40	0.00	19.71	0.00	1.24	20.95	20.95	CHASKA
252	CHISAGO CITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10	0.00	0.00	8.10	8.10	CHISAGO CITY
111	CHISHOLM	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.72	8.41	0.00	0.00	8.41	8.41	CHISHOLM
244	CIRCLE PINES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.24	0.00	0.36	3.60	3.60	CIRCLE PINES
112	CLOQUET	0.00	0.00	0.00	0.00	1.74	0.00	0.00	1.74	22.23	0.00	0.12	22.35	22.35	CLOQUET
113	COLUMBIA HEIGHTS	0.00	1.58	0.00	0.00	0.00	0.00	0.88	0.00	12.50	0.00	0.00	12.50	12.50	COLUMBIA HEIGHTS
114	COON RAPIDS	0.00	0.64	0.00	0.00	1.44	0.75	0.00	1.44	43.23	0.00	0.00	43.23	43.23	COON RAPIDS
215	CORCORAN	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	15.08	0.00	0.45	15.53	15.53	CORCORAN
180	COTTAGE GROVE	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	28.83	1.09	5.39	35.31	35.31	COTTAGE GROVE
115	CROOKSTON	0.00	0.00	0.00	0.00	1.58	0.00	0.00	1.58	11.58	0.00	0.00	11.58	11.58	CROOKSTON
116	CRYSTAL	0.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00	17.47	0.00	0.00	17.47	17.47	CRYSTAL
229	DAYTON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.00	1.02	10.62	10.62	DAYTON
247	DELANO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.21	0.00	0.00	6.21	6.21	DELANO
117	DETROIT LAKES	0.00	0.00	0.00	0.00	2.11	5.57	3.28	2.11	24.52	0.00	0.00	24.52	24.52	DETROIT LAKES
118	DULUTH	0.00	0.00	0.00	0.00	28.00	0.06	0.00	28.00	116.71	0.00	0.00	116.71	116.71	DULUTH
195	EAGAN	0.00	0.42	0.00	0.00	0.37	0.00	0.25	0.37	47.98	0.00	1.05	49.03	49.03	EAGAN
203	EAST BETHEL	0.00	2.16	0.00	0.00	0.00	0.00	0.00	0.00	23.67	0.00	5.17	28.84	28.84	EAST BETHEL
119	EAST GRAND FORKS	0.00	0.00	0.00	0.00	2.27	4.16	0.00	2.27	16.99	0.00	0.00	16.99	16.99	EAST GRAND FORKS
181	EDEN PRAIRIE	0.00	0.78	0.00	0.00	2.14	0.00	0.00	2.14	48.54	0.00	0.00	48.54	48.54	EDEN PRAIRIE
120	EDINA	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	40.85	0.00	0.00	40.85	40.85	EDINA
204	ELK RIVER	0.00	0.40	0.00	0.00	1.24	0.25	3.61	1.24	36.94	0.00	1.33	38.27	38.27	ELK RIVER
123	FAIRMONT	0.00	0.00	0.00	0.00	5.87	0.00	0.00	5.87	20.01	0.00	0.11	20.12	20.12	FAIRMONT
124	FALCON HEIGHTS	0.00	0.88	0.00	0.00	0.00	0.50	0.25	0.00	3.29	0.00	0.00	3.29	3.29	FALCON HEIGHTS
125	FARIBAULT	0.32	0.00	0.00	0.00	0.77	0.00	0.00	0.77	24.07	0.00	0.00	24.07	24.39	FARIBAULT
212	FARMINGTON	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	12.66	0.00	4.03	16.69	16.69	FARMINGTON
126	FERGUS FALLS	0.00	0.00	0.00	0.00	8.03	0.00	0.00	8.03	26.18	0.00	0.00	26.18	26.18	FERGUS FALLS
214	FOREST LAKE	0.00	0.00	0.00	0.00	0.00	8.51	0.00	0.00	32.97	0.00	0.86	33.83	33.83	FOREST LAKE
127	FRIDLEY	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	22.90	0.00	0.00	22.90	22.90	FRIDLEY
226	GLENCOE	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.00	8.25	0.00	0.14	8.39	8.39	GLENCOE
128	GOLDEN VALLEY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.74	0.00	0.00	23.74	23.74	GOLDEN VALLEY
129	GRAND RAPIDS	0.00	0.00	0.00	0.00	0.00	0.00	7.07	0.00	25.04	0.64	0.00	25.68	25.68	GRAND RAPIDS
197	HAM LAKE	0.00	1.63	0.00	0.00	0.00	0.00	0.97	0.00	25.40	2.52	5.82	33.74	33.74	HAM LAKE
130	HASTINGS	0.00	0.00	0.00	0.00	2.46	0.00	0.00	2.46	22.61	0.00	0.00	22.61	22.61	HASTINGS
202	HERMANTOWN	0.00	0.00	0.00	0.00	0.00	0.24	2.91	0.00	18.57	0.08	0.00	18.65	18.65	HERMANTOWN
131	HIBBING	0.00	0.00	0.00	0.00	5.11	0.00	0.00	5.11	53.50	0.00	0.69	54.19	54.19	HIBBING
132	HOPKINS	0.00	0.44	0.00	0.00	0.00	0.35	0.00	0.00	9.92	0.00	0.07	9.99	9.99	HOPKINS
224	HUGO	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	20.96	0.00	0.23	21.19	21.19	HUGO
133	HUTCHINSON	0.00	0.00	0.00	0.00	0.21	1.73	3.03	0.21	18.49	0.00	0.00	18.49	18.49	HUTCHINSON
134	INTERNATIONAL FALLS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.00	0.00	8.08	8.08	INTERNATIONAL FALLS
178	INVER GROVE HEIGHTS	0.00	0.32	0.00	0.00	0.00	3.57	1.08	0.00	33.37	0.00	0.76	34.13	34.13	INVER GROVE HEIGHTS
245	ISANTI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.83	0.00	0.06	6.89	6.89	ISANTI
246	JORDAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.07	0.00	0.02	6.09	6.09	JORDAN
240	KASSON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.88	0.13	0.29	6.30	6.30	KASSON
236	LA CRESCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.84	0.00	0.00	5.84	5.84	LA CRESCENT
234	LAKE CITY	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	8.39	0.00	0.00	8.39	8.39	LAKE CITY
206	LAKE ELMO	0.00	0.04	0.00	0.00	0.00	0.00	2.15	0.00	16.30	0.00	0.00	16.30	16.30	LAKE ELMO
188	LAKEVILLE	0.00	0.00	0.00	0.00	0.00	2.53	7.29	0.00	62.88	1.63	2.15	66.66	66.66	LAKEVILLE
210	LINO LAKES	0.00	0.38	0.00	0.00	0.28	0.34	0.98	0.28	22.01	0.00	1.83	23.84	23.84	LINO LAKES
135	LITCHFIELD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.77	0.00	0.00	8.77	8.77	LITCHFIELD
200	LITTLE CANADA	0.00	0.40	0.00	0.00	0.00	1.03	4.03	0.00	11.35	0.00	0.00	11.35	11.35	LITTLE CANADA
136	LITTLE FALLS	0.00	0.00	0.00	0.00	2.63	0.00	1.99	2.63	21.45	0.15	0.15	21.75	21.75	LITTLE FALLS
219	MAHTOMEDI	0.00	0.00	0.00	0.00	0.00	0.99	0.69	0.00	9.56	0.00	0.00	9.56	9.56	MAHTOMEDI
137	MANKATO	0.00	0.00	0.84	0.00	6.39	1.98	0.00	6.39	40.00	0.64	0.46	40.26	41.10	MANKATO
189	MAPLE GROVE	0.00	1.00	0.00	0.00	0.50	0.00	0.00	0.50	49.69	0.00	7.41	57.10	57.10	MAPLE GROVE
138	MAPLEWOOD	0.00	1.59	0.00	0.00	0.00	7.95	3.37	0.00	36.68	0.00	0.00	36.68	36.68	MAPLEWOOD
139	MARSHALL	0.00	0.00	0.00	0.00	1.42	0.00	3.55	1.42	18.07	0.00	0.71	18.78	18.78	MARSHALL
250	MEDINA	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	11.59	0.00	1.00	12.59	12.59	MEDINA
140	MENDOTA HEIGHTS	0.17	0.23	0.00	0.00	0.00	0.65	0.23	0.00	15.17	0.00	0.00	15.17	15.34	MENDOTA HEIGHTS
141	MINNEAPOLIS	0.00	1.82	0.00	0.00	8.98	9.67	0.00	8.98	206.03	0.00	0.79	206.82	206.82	MINNEAPOLIS
142	MINNETONKA	0.00	2.04	0.00	0.00	0.00	0.00	0.00	0.00	51.16	0.00	0.03	51.19	51.19	MINNETONKA
243	MINNETRISTA	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	0.00	0.00	12.98	13.39	MINNETRISTA
143	MONTEVIDEO	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.83	0.00	0.00	8.83	8.99	MONTEVIDEO
222	MONTICELLO	0.00	0.00	0.00	0.00	0.00	0.50	0.74	0.00	11.97	0.00	0.22	12.19	12.19	MONTICELLO
144	MOORHEAD	0.00	0.00	2.10	0.00	2.99	0.00	7.49	2.99	50.11	0.00	0.00	48.01	50.11	MOORHEAD
190	MORRIS	0.00	0.00	0.00	0.00	0.00	1.80	0.00	0.00	9.18	0.00	0.00	9.18	9.18	MORRIS
145	MOUND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.23	0.00	7.94	7.94	MOUND
146	MOUNDS VIEW	0.00	0.24	0.00	0.00	0.00	1.23	2.10	0.00	10.86	0.00	0.00	10.86	10.86	MOUNDS VIEW
147	NEW BRIGHTON	0.00	0.38	0.00	0.00	0.00	0.73	0.38	0.00	12.83	0.00	2.39	15.22	15.22	NEW BRIGHTON
182	NEW HOPE	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	12.86	0.00	0.00	12.86	12.86	NEW HOPE
237	NEW PRAGUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.62	0.00	0.14	7.76	7.76	NEW PRAGUE
148	NEW ULM	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.58	18.01	0.00	0.00	18.01	18.01	NEW ULM
225	NORTH BRANCH	0.00	0.00	0.00	0.00	0.00	0.70	4.52	0.00	27.18	0.00	0.63	27.81	27.81	NORTH BRANCH
150	NORTH MANKATO	0.00	0.00	0.00	0.00	1.79	0.22	0.00	1.79	15.77	0.00	0.00	15.77	15.77	NORTH MANKATO
151	NORTH ST PAUL	0.00	1.25	0.00	0.00	0.00	2.73	0.00	0.00	11.22	0.00	0.12	11.34	11.34	NORTH ST PAUL
149	NORTHFIELD	0.00	0.00	0.00	0.00	0.80	1.29	0.00	0.80	16.53	0.00	0.53	17.06	17.06	NORTHFIELD
223	OAK GROVE	0.00	1.97	0.00	0.00	0.00	0.00	1.55	0.00	23.32	0.00	2.41	25.73	25.73	OAK GROVE
185	OAKDALE	0.00	0.04	0.00	0.00	0.60	0.00	0.00	0.60	19.39	0.00	0.00	19.39	19.39	OAKDALE
152	ORONO	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	9.45	0.00	0.00	9.45	9.45	ORONO
217	OTSEGO	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	22.62	0.00	1.10	23.72	23.72	OTSEGO
153	OWATONNA	0.00	0.00	0.00	0.00	0.00	7.91	1.31	0.00	34.64	0.00	0.00	34.64	34.64	OWATONNA
155	PLYMOUTH	0.00	1.51	0.00	0.00	0.00	1.76	0.00	0.00	64.04	0.00	0.00	64.04	64.04	PLYMOUTH
201	PRIOR LAKE	0.21	0.23	0.00	0.00	0.00	1.20	0.61	0.00	20.09	0.00	1.58	21.67	21.88	PRIOR LAKE
199	RAMSEY	0.00	0.40	0.00	0.00	0.00	0.00	1.99	0.00	32.36	0.00	5.50	37.86	37.86	RAMSEY
156	RED WING	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	24.26	0.00	0.61	24.87	24.87	RED WING
207	REDWOOD FALLS	0.00	0.00	0.00	0.00	0.00	2.02	0.33	0.00	9.93	0.00	0.59	10.52	10.52	REDWOOD FALLS
157	RICHFIELD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.67	0.00	0.00	24.67	24.67	RICHFIELD
158	ROBBINSDALE	0.00	0.54	0.00	0.00	0.55	0.00	0.00	0.55	10.05	0.00	0.00	10.05	10.05	ROBBINSDALE
159	ROCHESTER	0.25	0.00	0.00	0.00	5.54	1.92	3.60	5.54	100.71	0.00	3.20	103.91	104.16	ROCHESTER
238	ROGERS	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	21.07	0.00	0.30	21.37	21.37	ROGERS
208	ROSEMOUNT	0.00	0.17	0.00	0.00	0.00	0.01	6.36	0.00	28.33	0.00	0.82	29.15	29.15	ROSEMOUNT
160	ROSEVILLE	0.00	1.02	0.00	0.00	0.00	3.77	3.94	0.00	30.63	0.00	0.33	30.96	30.96	ROSEVILLE
220	SARTELL	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00	18.52	0.00	0.00	18.52	18.52	SARTELL
191	SAUK RAPIDS	0.00	0.00	0.00	0.00	1.02	0.39	0.00	1.02	14.21	0.00	0.00	14.21	14.21	SAUK RAPIDS
211	SAVAGE	0.00	0.00	0.00	0.00	0.00	1.82	2.06	0.00	24.75	0.00	2.49	27.24	27.24	SAVAGE
166	SHAKOPEE	0.00	0.23	0.00	0.00	0.92	1.90	3.01	0.92	35.86	0.00	1.63	37.49	37.49	SHAKOPEE
167	SHOREVIEW	0.00	0.25	0.00	0.00	0.00	3.95	0.76	0.00	18.58	0.00	1.11	19.69	19.69	SHOREVIEW
216	SHOREWOOD	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	9.20	0.00	0.00	9.20	9.20	SHOREWOOD
168	SOUTH ST PAUL	0.00	0.07	0.00	0.00	0.80	1.60	0.18	0.80	17.46	0.00	0.00	17.46	17.46	SOUTH ST PAUL
183	SPRING LAKE PARK	0.00	0.12	0.00	0.00	0.00	0.00	0.29	0.00	5.82	0.00	0.00	5.82	5.82	SPRING LAKE PARK
161	ST ANTHONY	0.00	0.65	0.00	0.00	0.00	0.00	0.45	0.00	5.95	0.00	0.00	5.95	5.95	ST ANTHONY
162	ST CLOUD	0.00	0.19	0.00	0.00	4.32	3.40	0.00	4.32	57.65	1.06	5.59	64.30	64.30	ST CLOUD
235	ST FRANCIS	0.00	0.24	0.00	0.00	0.00	0.00	1.22	0.00	13.27	0.00	0.18	13.45	13.45	ST FRANCIS
233	ST JOSEPH	0.00	0.00	0.00	0.00	0.00	0.92	0.21	0.00	6.16	0.00	0.50	6.66	6.66	ST JOSEPH
163	ST LOUIS PARK	0.00	0.39	0.00	0.00	0.00	3.54	0.00	0.00	32.86	0.00	0.16	33.02	33.02	ST LOUIS PARK
227	ST MICHAEL	0.50	0.25	0.00	0.00	0.80	0.18	0.55	0.00	22.61	0.00	0.14	22.75	23.25	ST MICHAEL
164	ST PAUL	0.00	1.21	0.00	0.00	7.07	3.45	0.00	7.07	161.39	0.00	3.34	164.73	164.73	ST PAUL
184	ST PAUL PARK	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	6.06	0.00	0.00	6.06	6.06	ST PAUL PARK
165	ST PETER	0.00	0.00	0.00	0.00	2.12	2.35	0.00	2.12	15.12	0.00	0.30	15.42	15.42	ST PETER
228	STEWARTVILLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.49	0.00	0.22	4.71	4.71	STEWARTVILLE
169	STILLWATER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.73	0.00	0.52	18.25	18.25	STILLWATER
170	THIEF RIVER FALLS	0.00	0.00	0.00	0.00	0.00	2.26	0.78	0.00	16.02	0.00	0.13	16.15	16.15	THIEF RIVER FALLS
209	VADNAIS HEIGHTS	0.00	0.00	0.00	0.00	0.00	0.57	0.59	0.00	8.90	0.00	0.27	9.17	9.17	VADNAIS HEIGHTS
241	VICTORIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.11	0.00	1.32	7.43	7.43	VICTORIA
171	VIRGINIA	0.00	0.00	0.00	0.00	4.14	0.00	0.00	4.14	15.63	0.00	1.51	17.14	17.14	VIRGINIA
231	WACONIA	0.00	0.00	0.00	0.00	0.00	3.24	0.00	0.00	12.23	0.00	0.09	12.32	12.32	WACONIA
221	WAITE PARK	0.00	0.19	0.00	0.00	0.51	0.00	0.00	0.51	6.54	0.00	0.48	7.02	7.02	WAITE PARK
172	WASECA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.00	0.00	7.71	7.71	WASECA
173	WEST ST PAUL	0.00	0.96	0.00	0.00	0.00	0.98	0.23	0.00	13.58	0.00	0.00	13.58	13.58	WEST ST PAUL
174	WHITE BEAR LAKE	0.01	0.00	0.00	0.00	0.00	1.98	1.09	0.00	20.95	0.00	0.07	21.02	21.03	WHITE BEAR LAKE
175	WILLMAR	0.00	0.00	0.00	0.00	6.74	0.00	0.94	6.74	27.87	0.00	0.00	27.87	27.87	WILLMAR
176	WINONA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.30	0.00	0.56	21.86	21.86	WINONA
192	WOODBURY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.41	0.00	1.11	57.52	57.52	WOODBURY
177	WORTHINGTON	0.00	0.00	0.00	0.00	0.45	0.00	0.65	0.45	11.79	0.00	0.00	11.79	11.79	WORTHINGTON
248	WYOMING	0.00	0.00	0.00	0.00	0.00	0.00	2.36	0.00	15.70	0.00	0.22	15.92	15.92	WYOMING
251	ZIMMERMAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.60	0.00	0.91	6.51	6.51	ZIMMERMAN
	TOTAL	**2.16**	**48.23**	**2.94**	**0.00**	**146.74**	**128.44**	**118.91**	**146.74**	**3614.60**	**8.50**	**110.34**	**3730.50**	**3735.60**	**TOTAL**