2018
Municipal State Aid Street Needs Report

Crosswalk Installation Project

Highway 197: City of Bemidji, MN
at 2nd, 3rd, & 5th Streets

October 2018

City of Bemidji, MN
Crosswalk Safety Improvement Project

Before

Crosswalk Project Improves the safety of pedestrian traffic along five lanes of Hwy 197. This area along the waterfront is a popular with tourists, and draws a lot of local traffic throughout the year as well.

After

PREFACE

50% of the total apportionment will be distributed on prorated share of each city's population

50% of the total apportionment will be based on a prorated share of each city's Construction Needs (or Money Needs)

The **2018 Municipal State Aid Street Needs Report** is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

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

The construction (money) needs data contained in this book were compiled after Needs updates and traffic updates were submitted for each municipality. Construction Needs are calculated by applying the unit prices (as determined by the Municipal Screening Board at their spring meeting in June 2018) to the quantities in the appropriate urban ADT group. These ADT groups and Explanations for Needs Calculations are in the resolutions of the Municipal Screening Board.

Population data will be combined with the Commissioner's final construction Needs - and the results will be used to determine the 2019 total allocations which will be reported in the "**2019 Municipal State Aid Apportionment Data**" book to be published in January.

MSAS CALENDAR

January

- Highway User Tax Distribution Fund
- Send Finance Allotments
- Start preparing Jan. book
- January 15th deadline for Annual Certification of Mileage

February

- **NEEDS RESET**
  1) Back up current Needs
  2) Reset
  3) Notify cities to begin updating
- CEAM Conf.
- January book (on line)
- Notify DSAE's to schedule prescreening meetings
- Review Certification Forms

March

- Request Storm Sewer letter/ Bridge Data
- March 1st Deadline for System Revision Requests
- Unit Price Study

April

- Start preparing Spring book
- 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

- Traffic Updates
- Review Needs

August

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

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

City tasks (inside calendar)

State Aid tasks (outside calendar)

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.

TABLE OF CONTENTS

INTRODUCTORY INFORMATION

Maps of Highway Districts and Urban Municipalities..... 2-3
2018 Municipal Screening Board..... 4
2018 Subcommittees of the Municipal Screening Board..... 5
Past Municipal Screening Board Representatives 6-7
Minutes of Spring Screening Board Meeting - May 22 & 23, 2018..... 7-11

POPULATION DATA

Population Data Notes 13
2018 Population Summary 14-16
Map: Percentage Change in Population for State Aid Cities, 2010 to 2017 17
MSAS Tentative Population Allocations 18-21

NEEDS DATA

Mileage, Needs, and Apportionment 22-23
Apportionment Per $1,000 Needs: Chart 25
Itemized Tabulation of Needs & pocket insert..... 26
Map: Needs Costs per Mile 27
Comparison of Needs Between 2017 and 2018..... 28
2018 Mileage Report..... 29
MSAS Needs Mileage Comparison..... 30
2018 Construction Needs & 2019 Construction Needs Allocations / explanation 31
Phase In (Restriction) / Steps for computing / Restricted Needs..... 32-38
Maps: Restricted Cities 2014 - 2018 39-43
Cities that have been restricted since 2014 44

NEEDS ADJUSTMENTS & TENTATIVE NEEDS ALLOCATIONS

Excess Balance Adjustment / Low Balance Incentive..... 46-50
Right of Way Adjustments 51-54
Retaining Wall Adjustment 55
After the Fact Railroad Crossing & Railroad Bridge Over MSAS Adjustment 56
2018 Adjusted Restricted Construction Needs 57-60
Construction Needs Recommendations (Letter to the Commissioner)..... 61-63
Tentative 2019 Estimated Construction Needs Allocations 64-66
Comparison of 2018 to 2019 Construction Needs Allocations..... 67-69
Tentative 2019 Total Allocations 70-72
Comparison of the 2018 Total Allocations to the 2019 Tentative Total Allocations 73-75
Tentative Allocation Rankings 76-79

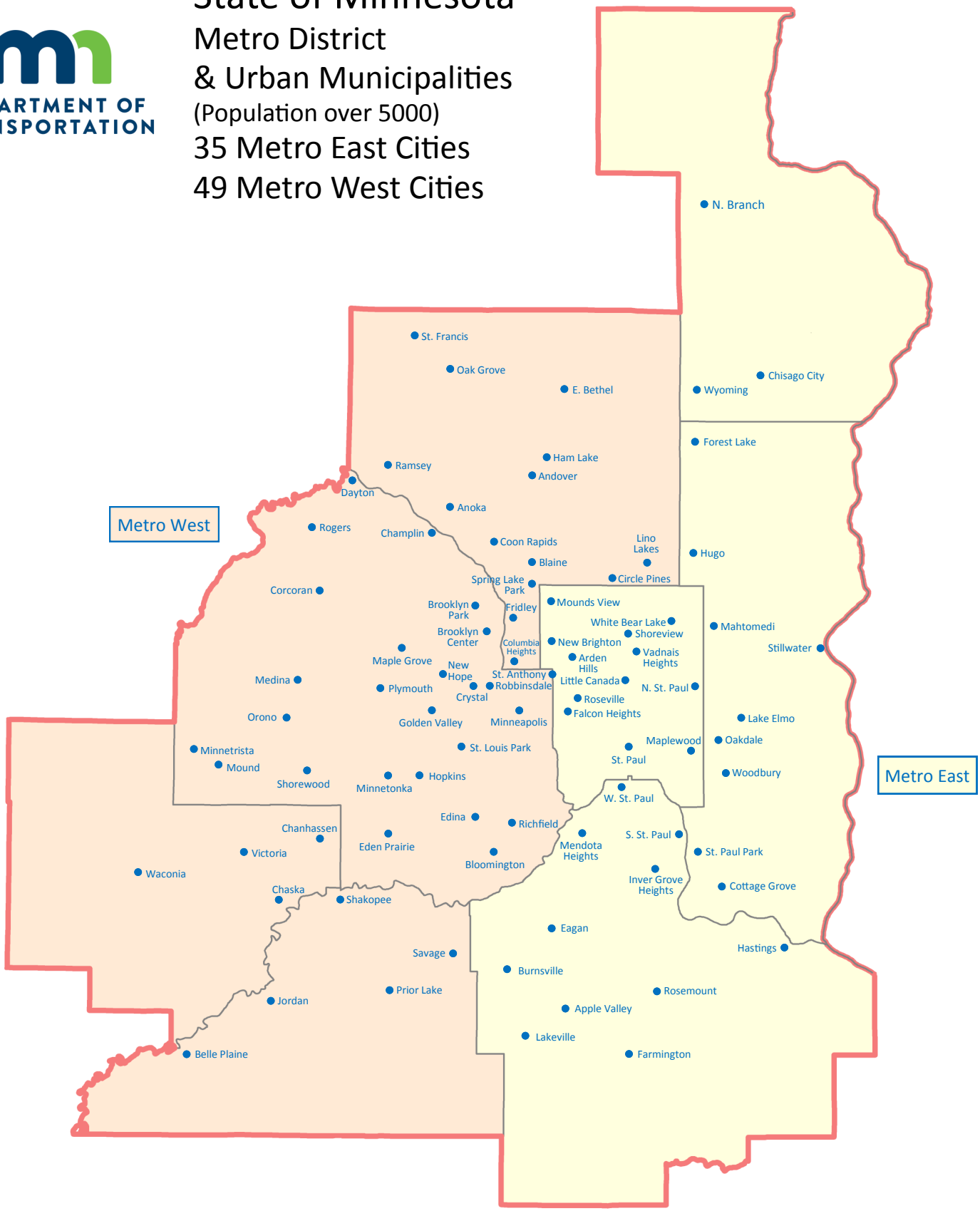
OTHER TOPICS

Certification of MSAS System as complete..... 82-84
History of the Administrative and Research Accounts..... 85
State Aid Advance Guidelines 86-87
County Highway Turnback Policy 88-89
Current Resolutions of the Municipal Screening Board 90-100

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

35 Metro East Cities

49 Metro West Cities



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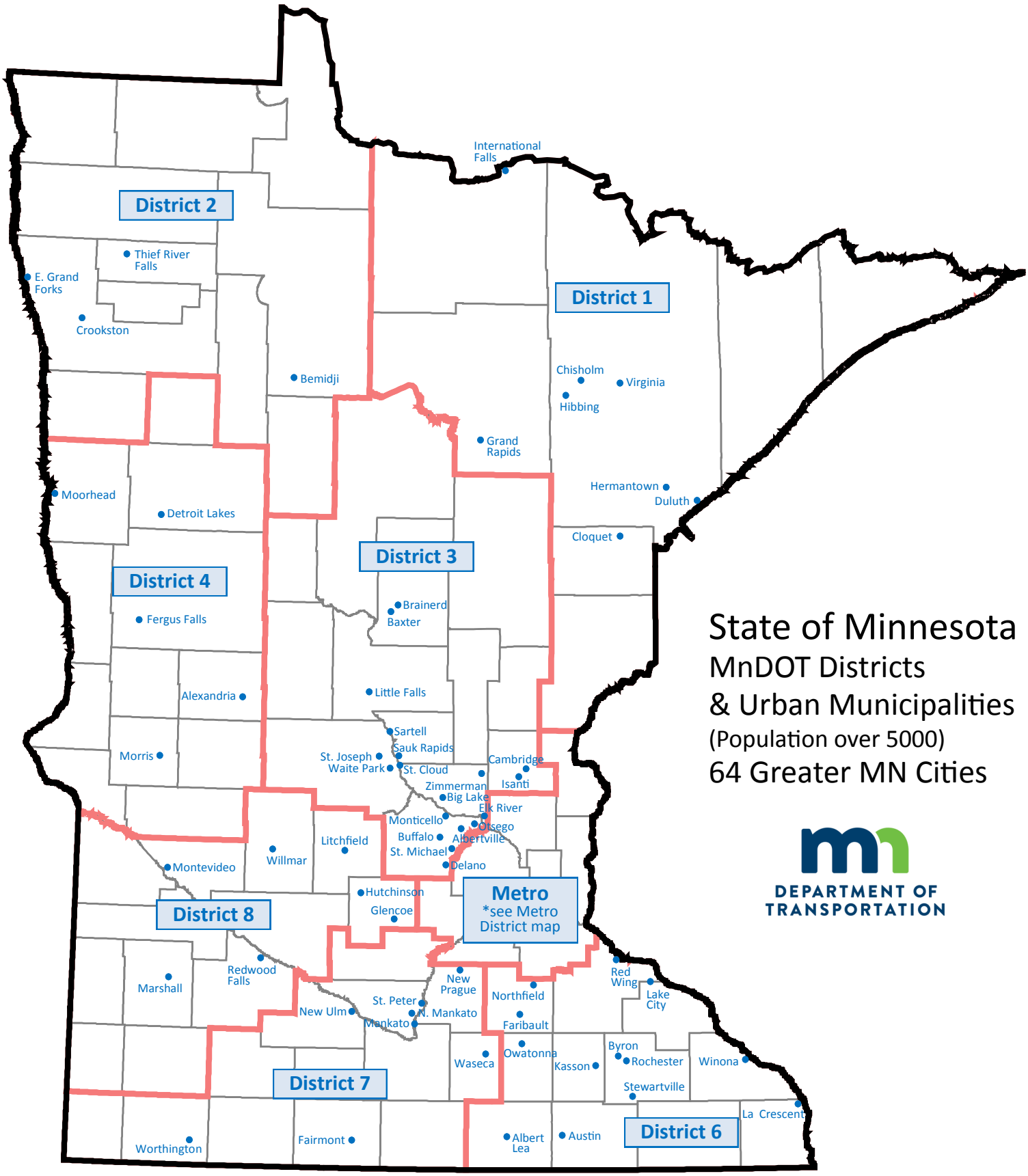


State of Minnesota

MnDOT Districts & Urban Municipalities

(Population over 5000)

64 Greater MN Cities

DEPARTMENT OF TRANSPORTATION

Updated 1/8/14

2018 MUNICIPAL SCREENING BOARD

31-Aug-18

Officers

Chair	Glenn Olson	Marshall	(507) 537-6774
Vice Chair	John Gorder	Eagan	(651) 675-5645
Secretary	Justin Femrite	Elk River	(763) 635-1051

Members

District	Years Served	Representative	City	Phone
1	2017-2019	Matt Wegwerth	Grand Rapids	(218) 326-7625
2	2018-2020	Rich Clauson	Crookston	(218) 281-6522
3	2018-2020	Adam Nafstad	Albertville	(763) 497-3384
4	2016-2018	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	2016-2018	Steve Lillehaug	Shakopee	(952) 233-9361
6	2016-2018	Jay Owens	Red Wing	(651) 385-3625
7	2017-2019	Chris Cavett*	New Prague	(507) 388-1989
8	2018-2020	Andy Kehren	Redwood Falls	(507) 794-5541
Metro-East	2018-2019	Tom Wesolowski***	Shoreview	(651) 490-4652
Cities	Permanent	Cindy Voigt	Duluth	(218) 730-5200
of the	Permanent	Don Elwood	Minneapolis	(612) 673-3622
First	Permanent	Dillon Dombrovski	Rochester	(507) 328-2426
Class	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

Alternates

District	Year Beginning		City	Phone
1	2020	Caleb Peterson	Cloquet	(218) 879-6758
2	2021	Steve Emery	East Grand Forks	(218) 773-5626
3	2021	Layne Otteson	Big Lake	(763) 251-2984
4	2019	Brian Yavarow	Fergus Falls	(218) 332-5413
Metro-West	2019	Chad Milner	Edina	(952) 826-0318
6	2019	Kyle Skov	Owatonna	(507) 444-4350
7	2020	Chris Cavett	New Prague	(507) 388-1989
8	2021	Brad DeWolf	Litchfield	(320) 231-3956
Metro-East	2020	Brian Erickson	Rosemount	(651) 322-2025

** Seat was vacated in 2018. Chris Cavett finishing out term.

*** Seat to be occupied by Brian Erickson, October 2018

2018 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
Jon Pratt Detroit Lakes (218) 847-5607 Expires after 2018	Klayton Eckles Woodbury (651) 714-3593 Expires after 2018
Jeff Johnson Mankato (507) 387-8640 Expires after 2019	Jeff Johnson Mankato (507) 387-8640 Expires after 2019
Sean Christensen Willmar (320) 235-4202 Expires after 2020	Marc Culver Roseville (651) 792-7041 Expires after 2020

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Districts

24-Jul-18

YEAR	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	METRO WEST	DISTRICT 6	DISTRICT 7	DISTRICT 8	METRO EAST
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 N. 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
2017	MATT WEGWERTH Grand Rapids	CRAIG GRAY Bemidji	JUSTIN FEMRITE Elk River	JEFF KUHN Morris	STEVE LILLEHAUG Shakopee	JAY OWENS Red Wing	MARK DuCHENE Waseca	S. CHRISTENSEN Willmar	M. THOMPSON Maplewood
2018	MATT WEGWERTH Grand Rapids	RICH CLAUSON Crookston	ADAM NAFSTAD Elk River	JEFF KUHN Morris	STEVE LILLEHAUG Shakopee	JAY OWENS Red Wing	CHRIS CAVETT New Prague	ANDY KEHREN Redwood Falls	T. WESOLOWSKI Shoreview

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Cities of the First Class and Officers

	MINNEAPOLIS	ST. PAUL	DULUTH	ROCHESTER	CHAIR	VICE CHAIR	SECRETARY
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
2017	ELWOOD	KURTZ	VOIGT	FREESE	MARC CULVER Roseville	GLENN OLSON Marshall	JOHN GORDER Eagan
2018	ELWOOD	KURTZ	VOIGT	DOMBROVSKI	GLENN OLSON Marshall	JOHN GORDER Eagan	JUSTIN FEMRITE Elk River

MUNICIPAL SCREENING BOARD MEETING
MEETING MINUTES
May 22nd and 23rd, 2018
Madden's on Gull Lake – Brainerd, MN

I. Call to Order and Welcome by Chair Olson

a. Introductions of Head Table, Subcommittee Chairs & past chairs of the MSB
   i. Glenn Olson – Chair: Municipal Screening Board.
   ii. Mitch Rasmussen, MnDOT –State Aid Engineer
   iii. Bill Lanoux, MnDOT - Manager, Municipal State Aid Needs Unit
   iv. John Gorder, Eagan – Vice Chair MSB
   v. Jon Pratt, Detroit Lakes – Chair: Needs Study Subcommittee
   vi. Jeff Johnson, Mankato – Past Chair of MSB
   vii. Marc Culver, Roseville – Past Chair of MSB

b. Justin Femrite, Elk River - Secretary MSB conducted the roll call of the screening board members:
   i. District 1 Matt Wegwerth, Grand Rapids
   ii. District 2 Rich Clauson, Crookston
   iii. District 3 Adam Nafstad, Albertville
   iv. District 4 Jeff Kuhn, Morris
   v. Metro West Steve Lillehaug, Shakopee
   vi. District 6 Jay Owens, Red Wing
   vii. District 7 Chris Cavett, New Prague
   viii. District 8 Andy Kehren, Redwood Falls
   ix. Metro East Tom Wesolowski, Shoreview (absent)
   x. Duluth Cindy Voigt
   xi. Minneapolis Don Elwood
   xii. Rochester Dillon Dombrovski
   xiii. St. Paul Paul Kurtz

c. Screening Board Alternates:
   i. District 4 Brian Yavarow, Fergus Falls
   ii. Metro West Chad Milner, Edina

d. Department of Transportation personnel:
   i. Patti Loken State Aid Programs Engineer
   ii. Greg Coughlin State Aid Project Engineer
   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
   viii. Gordy Regenscheid District 7 State Aid Engineer
   ix. Todd Broadwell District 8 State Aid Engineer
   x. Dan Erickson Metro State Aid Engineer
   xi. Julie Dresel Assistant Metro State Aid Engineer

e. Others in Attendance:
   i. Dave Sonnenberg, Chair, CEAM Legislative Committee
   ii. Larry Veek, Minneapolis
   iii. Mike Vanbeusekom, St. Paul

II. Review of the 2018 Municipal Screening Board Data book

a. Introductory information
   i. October Screening Board minutes were reviewed by Lanoux. **A motion was made by Voigt, and seconded by Nafstad to approve the minutes as presented. Motion Carried.**

b. Unit Price Recommendations were reviewed by Lanoux.
c. Unit Prices and Graphs were reviewed by Lanoux.
d. NSS recommendation on Structure Unit Cost was reviewed by Lanoux.

III. Review the UCFS recommendation on ATF Right-Of-Way Page 11

Kurtz – discussed the UCFS recommendation on ATF ROW. He stated that some cities have cost participation policies with counties which require cities to purchase 50% for ROW acquisition on county projects, but there is no Needs benefit. He also stated that ROW is unique in that prior to purchase, land doesn't belong to the county or city. So after a purchase, 50% belongs to the city. He feels this isn't complicated and that cities are spending a lot on ROW. He re-stated ROW is a unique need and supports cities generating an After-the-Fact Needs credit.

Culver – discussed and restated the UCFS's recommendation of not allowing ATF needs on ROW purchased for County systems. In addition to points made in their recommendation, the committee was also concerned with precedent that would be set in drawing ROW Needs on the CSAH system.

Kurtz – restated that ROW was unique compared to other Needs items.

Elwood – Had a question on process and about what happens next.

Culver – clarified there is no action necessary unless somebody were to make a motion

Voigt – Stated support for generating an After-the-fact Needs credit, but also questioned costs for Trunk Highway participation, and if that ROW would be eligible too.

Chair Olson – Thanked the Board for this item being brought forward and inquired to Mr. Kurtz about the intent being just on the excess property.

Kurtz – Answered the question and clarified his proposal is that the amount of money a city spends on ROW acquisition on the county state aid system be eligible for ATF Needs. In the case of St. Paul that would be 50% of the total cost for ROW.

IV. Other Discussion items

a. Legislative Update- update provided by Sonnenberg (update attached to minutes)
b. State Aid report/comments presented by Rasmussen
   1) Discussion about creating a MnDOT/CEAM committee to work towards the forming of an account, to be funded by the legislature, that would provide funding assistance for the reconstruction of local utility systems as part of a State initiated highway reconstruction.
   2) Work has continued on allowing amenities in MnDOT ROW. Need to continue to work jointly to change State statute to open it up further.

V. Entertain a motion to adjourn until 8:30 Wednesday morning

A motion was made by Clauson and seconded by Nafstad to adjourn until Wednesday morning. Motion Carried 12-0

WEDNESDAY MORNING SESSION

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

a. Unit Price recommendations of the Needs Study Subcommittee
Page 28 of the book. Discussion on these recommendations

Action on the Unit Costs recommended by the NSS. A motion was made by Lillehaug, and seconded by Kuhn to approve Unit Cost Recommendations. Motion Carried unanimously

Recommendation from NSS on structures
Discussed, but no action was necessary or taken. It was noted that the NSS recommended using a 5-year average as the basis of their unit cost for structures.

UCFS Recommendation
Kurtz clarified that a County gets to generate needs on 100% of the ROW costs, even if a municipality participates financially in that purchase.

The following motion was made by Kurtz -
That municipalities, which are part of the State Aid system, be allowed to generate after-the-fact needs credits for spending their MSA dollars for ROW acquisition on CSAH projects. These needs credits will be generated, reported and treated like the current after-the-fact needs credits for ROW acquisition in the MSA system which will allow the municipality to draw after-the-fact needs for 15 years. The resolution will take effect with any ROW purchases made on a CSAH project(s) in 2018.

The motion was seconded by Ellwood.

Discussion

Lillehaug – the current system is very balanced and feels the motion on the floor makes the system unfair and un-equitable. He stated nothing off system currently generates Needs and is his opinion that anything that generates Needs should be on the Municipal System. He indicated at the Metro District prescreening board meeting this topic was voted on and not supported by any of those members. Requested the motion be withdrawn.

Voigt – Indicated she feels the rules already allow it and stated that the number one item for drawing Needs is Right of Way.

Kuhn – Concurs with Lillehaug and stated we have a watered down system already and that finding more ways to generate Needs off system would further water it down.

Lillehaug – added / questioned if we can legally generate needs on anything other than the Municipal State Aid System.

Lanoux – Lillehaug and Voigt are correct in their statements and there may be some gray area: Throughout Statute it says Needs for cities are tied to the *Municipal State Aid System*, and the rules say Right of Way is a core Needs item.

Chair Olson – if the motion carried it would likely need to be reviewed for legality

Culver (UFCS) – offered an additional overview of the UCFS recommendation and also read from the Money Needs and Apportionment Determination from the rules.

Nafstad – Questioned if this would appear as double dipping because of two government bodies (Cities and Counties) collecting needs for the same thing. Makes our system more difficult to explain to elected officials.

Kurtz – Clarified his feelings toward this not being double dipping and the overall fairness. Right-of-way is a unique need and feels this absolutely needs special consideration and this will not open up the possibility of opening up any other off system needs in the future.

Rasmussen – The term "Needs" has been discussed in depth at the county level. This is really a funding distribution formula not a "Needs" calculation.

The motion on the table was taken to a vote and failed by a vote of 3-9. (Metro East absent)

A motion to receive the UCFS report was made by Nafstad, seconded by Wegwerth. Motion Carried 12-0

II. Discussion on other items from yesterday

a. Continuation of Legislative Update (Sonnenberg) – Update given on the Corridors of Commerce program. Technically not all of the money has been earmarked. It has all been accounted for but it came from a list. Rasmussen added further clarification.

b. Continuation of State Aid report (Rasmussen) – Reaffirmed the discussion points from yesterday. Kurtz warned of a funding pot to help pay for utility replacement will be sought by any and all agencies who have to replace infrastructure. Potentially well beyond those the creation might be intended to help.

III. Chair Olson called for Any Other Discussion Topics

IV. Chair Olson thanked the following

a. Jon Pratt, Chair of the NSS
b. Marc Culver from the UCFS
c. Past Chairs of the Municipal Screening Board
d. Screening Board members

V. Fall Screening Board meeting will be at Chase on the Lake, Walker MN, October 23 & 24, 2018

VI. Expense Reports

a. Find the report on our website. Paper copies are available here.

VII. Motion for adjournment

A motion was made by Voigt and seconded by Kuhn to adjourn. Motion Carried 12-0

Respectfully submitted

Justin Femrite
Municipal Screening Board Secretary / Elk River City Engineer

NOTES AND COMMENTS

POPULATION DATA

Becoming an MSAS Eligible City

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

Being Dropped as an MSAS City

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

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

Notes on Population

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

According to the most recent population estimates, Chisholm (4,949) is below 5,000. The city remains eligible to be included in the MSAS distribution. **(State Statute 162.09 subd. 4)**

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

There are 148 MSAS cities. Their overall population has increased by 7.2% since 2010 (from 3,690,202 in 2010, to 3,957,047 in 2017)

Eight cities have seen their population increase by more than 15% since 2010: Medina (28.9%), Victoria (24.3%), Alexandria (23.5%), Otsego (22.4%), Waconia (18.1%), Minnetrista (17.9%), Lake Elmo (17.5%), Bemidji (15.8%), and Dayton (15.5%).

Twenty-two more cities have seen their populations increase by at least 10% since 2010.

Ten cities have seen a decrease in population since 2010.

The State Demographer's estimated population for the City of North Oaks is 5,215. All residential roads in North Oaks are private roads. For now, the city is unable to establish a State Aid System, so North Oaks is not a MSAS city at this time.

These cities were once MSAS cities: Ely (3,399), Eveleth (3,623), Luverne (4,706), and Pipestone (4,164).

2018 POPULATION SUMMARY

The populations used for 2019 Allocations are based on the 2010 Federal Census
or the most recent State Demographer / Met Council estimates, **whichever are greater**

Municipality	2010 Census	Population used for the last Allocation	2017 Population Estimates (Released July 2018)	Population to be used for 2019 Allocation	Difference between Populations used for 2018 & 2019 Allocation	% Change in Population from 2010 to 2017
Albert Lea	18,016	18,045	18,032	**18,032**	(13)	0.1%
Albertville	7,044	7,370	7,412	**7,412**	42	5.2%
Alexandria	11,074	13,575	13,673	**13,673**	98	23.5%
Andover	30,598	32,335	32,470	**32,470**	135	6.1%
Anoka	17,142	17,995	18,205	**18,205**	210	6.2%
Apple Valley	49,084	51,338	52,361	**52,361**	1,023	6.7%
Arden Hills	9,552	9,966	9,969	**9,969**	3	4.4%
Austin	24,721	25,104	25,374	**25,374**	270	2.6%
Baxter	7,610	8,318	8,360	**8,360**	42	9.9%
Belle Plaine	6,661	6,901	7,144	**7,144**	243	7.3%
Bemidji	13,431	15,119	15,549	**15,549**	430	15.8%
Big Lake	10,060	10,918	11,174	**11,174**	256	11.1%
Blaine	57,186	64,188	65,369	**65,369**	1,181	14.3%
Bloomington	82,893	88,299	88,885	**88,885**	586	7.2%
Brainerd	13,590	13,679	13,719	**13,719**	40	0.9%
Brooklyn Center	30,104	31,231	31,145	**31,145**	(86)	3.5%
Brooklyn Park	75,781	80,450	80,866	**80,866**	416	6.7%
Buffalo	15,453	16,119	16,247	**16,247**	128	5.1%
Burnsville	60,306	61,849	62,239	**62,239**	390	3.2%
Byron	4,952	5,498	5,644	**5,644**	146	14.0%
Cambridge	8,111	8,749	8,868	**8,868**	119	9.3%
Champlin	23,089	23,343	23,690	**23,690**	347	2.6%
Chanhassen	22,952	25,448	25,955	**25,955**	507	13.1%
Chaska	23,770	26,439	26,941	**26,941**	502	13.3%
Chisago City	4,967	5,272	5,335	**5,335**	63	7.4%
Chisholm	4,976	5,000	4,949	5,000	0	-0.5%
Circle Pines	4,922	5,000	5,023	**5,023**	23	2.1%
Cloquet	12,124	12,301	12,249	**12,249**	(52)	1.0%
Columbia Heights	19,496	20,158	20,153	**20,153**	(5)	3.4%
Coon Rapids	61,476	62,726	63,272	**63,272**	546	2.9%
Corcoran	5,379	5,498	5,592	**5,592**	94	4.0%
Cottage Grove	34,589	35,939	36,399	**36,399**	460	5.2%
Crookston	7,891	7,945	8,006	**8,006**	61	1.5%
Crystal	22,151	22,855	22,929	**22,929**	74	3.5%
Dayton	4,743	5,167	5,481	**5,481**	314	15.6%
Delano	5,464	5,947	6,058	**6,058**	111	10.9%
Detroit Lakes	8,571	9,380	9,409	**9,409**	29	9.8%
Duluth	86,265	86,859	87,050	**87,050**	191	0.9%
Eagan	64,206	68,223	68,488	**68,488**	265	6.7%
East Bethel	11,626	11,788	12,074	**12,074**	286	3.9%
East Grand Forks	8,601	8,843	8,876	**8,876**	33	3.2%
Eden Prairie	60,797	63,163	63,726	**63,726**	563	4.8%
Edina	47,941	51,804	52,497	**52,497**	693	9.5%
Elk River	22,974	24,368	24,567	**24,567**	199	6.9%
Fairmont	10,666	10,666	10,332	**10,666**	0	-3.1%
Falcon Heights	5,321	5,418	5,436	**5,436**	18	2.2%
Faribault	23,352	23,718	23,769	**23,769**	51	1.8%

Municipality	2010 Census	Population used for the last Allocation	2017 Population Estimates (Released July 2018)	Population to be used for 2019 Allocation	Difference between Populations used for 2018 & 2019 Allocation	% Change in Population from 2010 to 2017
Farmington	21,086	22,343	22,421	**22,421**	78	6.3%
Fergus Falls	13,140	13,652	13,754	**13,754**	102	4.7%
Forest Lake	18,375	20,344	20,497	**20,497**	153	11.5%
Fridley	27,208	28,631	28,667	**28,667**	36	5.4%
Glencoe	5,631	5,631	5,519	**5,631**	0	-2.0%
Golden Valley	20,371	21,556	21,646	**21,646**	90	6.3%
Grand Rapids	10,869	11,435	11,389	**11,389**	(46)	4.8%
Ham Lake	15,296	15,891	16,153	**16,153**	262	5.6%
Hastings	22,172	22,400	22,640	**22,640**	240	2.1%
Hermantown	9,414	9,507	9,539	**9,539**	32	1.3%
Hibbing	16,361	16,361	16,236	**16,361**	0	-0.8%
Hopkins	17,591	19,000	19,079	**19,079**	79	8.5%
Hugo	13,332	14,605	15,158	**15,158**	553	13.7%
Hutchinson	14,180	14,180	14,188	**14,188**	8	0.1%
International Falls	6,424	6,424	6,151	**6,424**	0	-4.3%
Inver Grove Heights	33,880	34,999	35,106	**35,106**	107	3.6%
Isanti	5,251	5,614	5,786	**5,786**	172	10.2%
Jordan	5,470	6,213	6,106	**6,106**	(107)	11.6%
Kasson	5,931	6,298	6,414	**6,414**	116	8.1%
LaCrescent	4,883	5,174	5,177	**5,177**	3	6.0%
Lake City	5,063	5,129	5,129	**5,129**	0	1.3%
Lake Elmo	8,069	8,748	9,481	**9,481**	733	17.5%
Lakeville	55,954	60,965	61,993	**61,993**	1,028	10.8%
Lino Lakes	20,216	20,803	21,117	**21,117**	314	4.5%
Litchfield	6,726	6,736	6,736	**6,736**	0	0.1%
Little Canada	9,773	10,101	10,120	**10,120**	19	3.6%
Little Falls	8,347	8,890	8,940	**8,940**	50	7.1%
Mahtomedi	7,676	8,030	8,085	**8,085**	55	5.3%
Mankato	39,313	42,803	42,990	**42,990**	187	9.4%
Maple Grove	61,567	66,401	66,814	**66,814**	413	8.5%
Maplewood	38,018	40,243	40,084	**40,084**	(159)	5.4%
Marshall	13,680	13,799	13,860	**13,860**	61	1.3%
Medina	4,916	6,131	6,335	**6,335**	204	28.9%
Mendota Heights	11,071	11,283	11,352	**11,352**	69	2.5%
Minneapolis	382,578	419,952	423,990	**423,990**	4,038	10.8%
Minnetonka	49,734	52,741	53,394	**53,394**	653	7.4%
Minnetrista	6,384	7,238	7,526	**7,526**	288	17.9%
Montevideo	5,383	5,383	5,308	**5,383**	0	-1.4%
Monticello	12,759	13,409	13,553	**13,553**	144	6.2%
Moorhead	38,065	42,581	43,440	**43,440**	859	14.1%
Morris	5,286	5,442	5,513	**5,513**	71	4.3%
Mound	9,052	9,371	9,494	**9,494**	123	4.9%
Mounds View	12,155	13,161	13,327	**13,327**	166	9.6%
New Brighton	21,456	22,618	22,875	**22,875**	257	6.6%
New Hope	20,339	21,600	21,545	**21,545**	(55)	5.9%
New Prague	7,321	7,585	7,725	**7,725**	140	5.5%
New Ulm	13,522	13,539	13,540	**13,540**	1	0.1%
North Branch	10,125	10,469	10,608	**10,608**	139	4.8%
North Mankato	13,394	13,813	13,889	**13,889**	76	3.7%
North St. Paul	11,460	12,069	12,099	**12,099**	30	5.6%
Northfield	20,007	20,355	20,398	**20,398**	43	2.0%
Oak Grove	8,031	8,360	8,582	**8,582**	222	6.9%

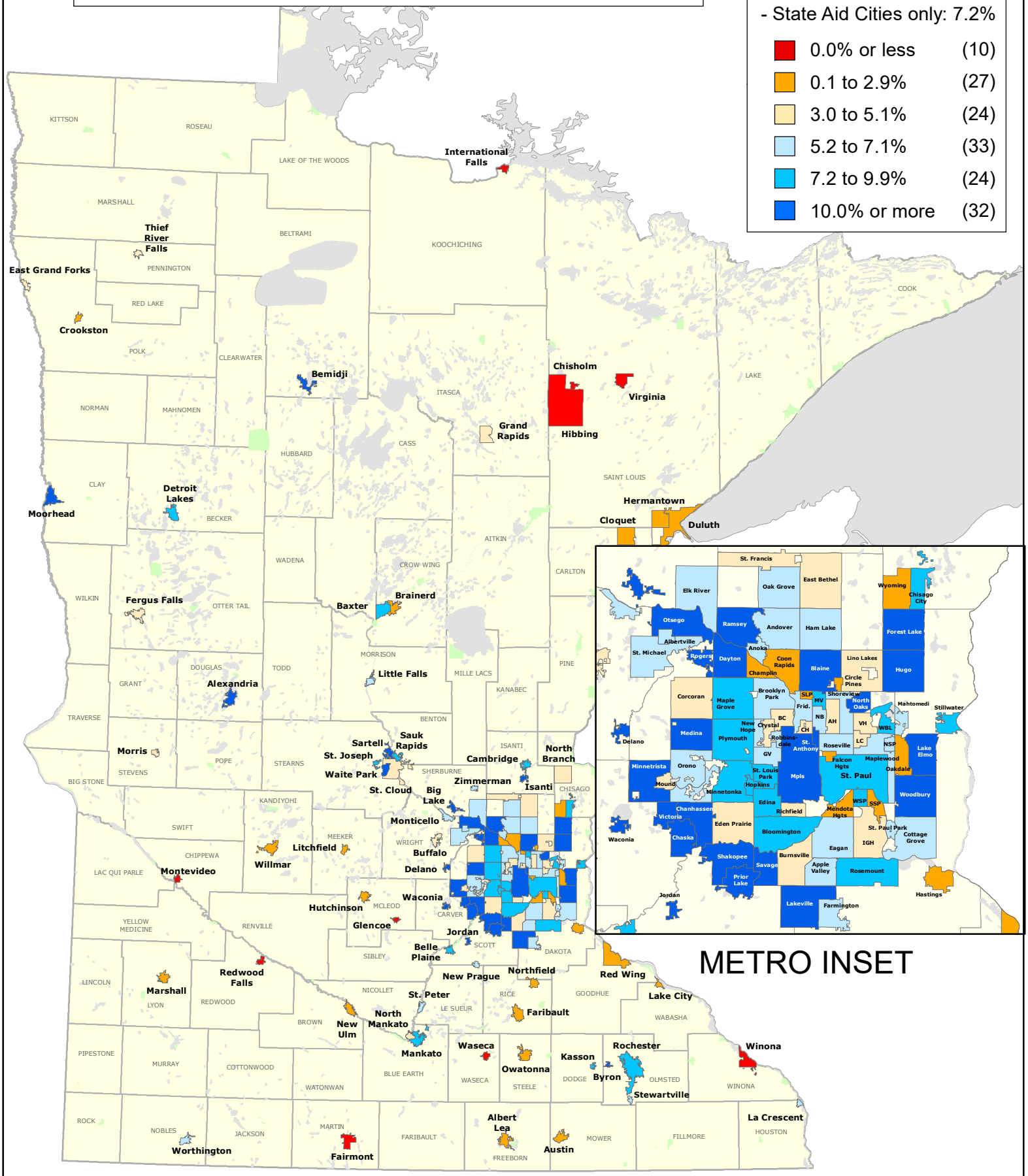
Municipality	2010 Census	Population used for the last Allocation	2017 Population Estimates (Released July 2018)	Population to be used for 2019 Allocation	Difference between Populations used for 2018 & 2019 Allocation	% Change in Population from 2010 to 2017
Oakdale	27,378	27,937	28,115	**28,115**	178	2.7%
Orono	7,437	7,691	7,883	**7,883**	192	6.0%
Otsego	13,571	16,019	16,605	**16,605**	586	22.4%
Owatonna	25,599	25,862	25,922	**25,922**	60	1.3%
Plymouth	70,576	75,452	76,882	**76,882**	1,430	8.9%
Prior Lake	22,796	25,520	25,735	**25,735**	215	12.9%
Ramsey	23,668	26,251	26,462	**26,462**	211	11.8%
Red Wing	16,459	16,545	16,572	**16,572**	27	0.7%
Redwood Falls	5,256	5,256	5,203	**5,256**	0	-1.0%
Richfield	35,228	36,338	36,544	**36,544**	206	3.7%
Robbinsdale	13,953	14,704	14,860	**14,860**	156	6.5%
Rochester	106,750	113,331	115,821	**115,821**	2,490	8.5%
Rogers	11,197	12,539	12,753	**12,753**	214	13.9%
Rosemount	21,874	23,559	23,965	**23,965**	406	9.6%
Roseville	33,660	35,836	35,987	**35,987**	151	6.9%
Sartell	15,887	17,582	18,127	**18,127**	545	14.1%
Sauk Rapids	12,773	13,631	13,884	**13,884**	253	8.7%
Savage	26,911	30,285	30,713	**30,713**	428	14.1%
Shakopee	37,076	40,643	41,519	**41,519**	876	12.0%
Shoreview	25,043	26,366	26,447	**26,447**	81	5.6%
Shorewood	7,307	7,496	7,708	**7,708**	212	5.5%
South St. Paul	20,160	20,407	20,598	**20,598**	191	2.2%
Spring Lake Park	6,412	6,412	6,450	**6,450**	38	0.6%
St. Anthony	8,226	9,234	9,200	**9,200**	(34)	11.8%
St. Cloud	65,842	67,344	67,889	**67,889**	545	3.1%
St. Francis	7,218	7,400	7,541	**7,541**	141	4.5%
St. Joseph	6,534	6,739	7,102	**7,102**	363	8.7%
St. Louis Park	45,250	48,927	48,920	**48,920**	(7)	8.1%
St. Michael	16,399	17,174	17,536	**17,536**	362	6.9%
St. Paul	285,068	304,442	309,180	**309,180**	4,738	8.5%
St. Paul Park	5,279	5,519	5,594	**5,594**	75	6.0%
St. Peter	11,196	11,807	11,932	**11,932**	125	6.6%
Stewartville	5,916	6,269	6,277	**6,277**	8	6.1%
Stillwater	18,225	19,693	19,748	**19,748**	55	8.4%
Thief River Falls	8,573	8,845	8,931	**8,931**	86	4.2%
Vadnais Heights	12,302	12,910	12,704	**12,704**	(206)	3.3%
Victoria	7,379	8,920	9,172	**9,172**	252	24.3%
Virginia	8,712	8,712	8,456	**8,712**	0	-2.9%
Waconia	10,697	12,166	12,633	**12,633**	467	18.1%
Waite Park	6,715	7,639	7,670	**7,670**	31	14.2%
Waseca	9,412	9,412	9,094	**9,412**	0	-3.4%
West St. Paul	19,540	20,886	21,085	**21,085**	199	7.9%
White Bear Lake	23,797	25,001	25,512	**25,512**	511	7.2%
Willmar	19,610	19,891	20,008	**20,008**	117	2.0%
Winona	27,614	27,614	27,271	**27,614**	0	-1.2%
Woodbury	61,961	68,349	69,426	**69,426**	1,077	12.0%
Worthington	12,764	13,288	13,430	**13,430**	142	5.2%
Wyoming	7,791	7,906	7,955	**7,955**	49	2.1%
Zimmerman	5,228	5,469	5,597	**5,597**	128	7.1%
Total	**3,690,202**	**3,917,538**	**3,957,047**	**3,958,987**	**41,449**	**7.2%**

Percentage Change in Population for State Aid Cities, 2010 - 2017

Legend

- State Growth: 5.2%
- State Aid Cities only: 7.2%

0.0% or less	(10)
0.1 to 2.9%	(27)
3.0 to 5.1%	(24)
5.2 to 7.1%	(33)
7.2 to 9.9%	(24)
10.0% or more	(32)



METRO INSET

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

Data Sources: Met Council / MN State Demographer's Office

MSAS POPULATION ALLOCATIONS

50% of the total apportionment sum is distributed on a prorated share of each city's population. The Met Council / State Demographer's most recent population estimates were released in July 2018, and will be used in determining each city's share of the 2019 population apportionment. If a city's 2010 Federal Census population is greater than their most recent population estimate, then the city's census population figure will be used to determine their population allocation.

Using the 2018 population apportionment distribution amount of $96,143,273, each city will earn approximately $24.28 per capita in apportionment. This projection will be revised when the actual revenue for the 2019 apportionment becomes available in January.

Any adjustments made to the population estimates in this report would be released in December, 2018. Those changes will be presented in the January 2019 book. These changes could include population adjustments due to annexations, detachments, or any other minor revisions made by the State Demographer.

TENTATIVE 2019 POPULATION ALLOCATIONS

Municipality	Population Used for 2018	Population used for 2019	Population % Change	2018 Population Allocations (last year)	2019 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Albert Lea	18,045	18,032	(0.1)	$442,856	**$437,904**	($4,952)	(1.1)
Albertville	7,370	7,412	0.6	180,873	**179,999**	(874)	(0.5)
Alexandria	13,575	13,673	0.7	333,154	**332,046**	(1,108)	(0.3)
Andover	32,335	32,470	0.4	793,558	**788,528**	(5,030)	(0.6)
Anoka	17,995	18,205	1.2	441,629	**442,105**	476	0.1
Apple Valley	51,338	52,361	2.0	1,259,925	**1,271,577**	11,652	0.9
Arden Hills	9,966	9,969	0.0	244,583	**242,095**	(2,488)	(1.0)
Austin	25,104	25,374	1.1	616,096	**616,203**	107	0.0
Baxter	8,318	8,360	0.5	204,138	**203,021**	(1,117)	(0.5)
Belle Plaine	6,901	7,144	3.5	169,363	**173,491**	4,128	2.4
Bemidji	15,119	15,549	2.8	371,047	**377,605**	6,558	1.8
Big Lake	10,918	11,174	2.3	267,947	**271,359**	3,412	1.3
Blaine	64,188	65,369	1.8	1,575,286	**1,587,474**	12,188	0.8
Bloomington	88,299	88,885	0.7	2,167,013	**2,158,556**	(8,457)	(0.4)
Brainerd	13,679	13,719	0.3	335,707	**333,163**	(2,544)	(0.8)
Brooklyn Center	31,231	31,145	(0.3)	766,464	**756,351**	(10,113)	(1.3)
Brooklyn Park	80,450	80,866	0.5	1,974,385	**1,963,816**	(10,569)	(0.5)
Buffalo	16,119	16,247	0.8	395,589	**394,555**	(1,034)	(0.3)
Burnsville	61,849	62,239	0.6	1,517,883	**1,511,463**	(6,420)	(0.4)
Byron	5,498	5,644	2.7	134,931	**137,064**	2,133	1.6
Cambridge	8,749	8,868	1.4	214,716	**215,358**	642	0.3
Champlin	23,343	23,690	1.5	572,878	**575,307**	2,429	0.4
Chanhassen	25,448	25,955	2.0	624,539	**630,312**	5,773	0.9
Chaska	26,439	26,941	1.9	648,860	**654,257**	5,397	0.8
Chisago City	5,272	5,335	1.2	129,384	**129,559**	175	0.1

Municipality	Population Used for 2018	Population used for 2019	Population % Change	2018 Population Allocations (last year)	2019 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Chisholm	5,000	5,000	0.0	$122,709	**$121,424**	($1,285)	(1.0)
Circle Pines	5,000	5,023	0.5	122,709	**121,983**	(726)	(0.6)
Cloquet	12,301	12,249	(0.4)	301,888	**297,465**	(4,423)	(1.5)
Columbia Heights	20,158	20,153	0.0	494,713	**489,412**	(5,301)	(1.1)
Coon Rapids	62,726	63,272	0.9	1,539,406	**1,536,549**	(2,857)	(0.2)
Corcoran	5,498	5,592	1.7	134,931	**135,801**	870	0.6
Cottage Grove	35,939	36,399	1.3	882,006	**883,943**	1,937	0.2
Crookston	7,945	8,006	0.8	194,984	**194,424**	(560)	(0.3)
Crystal	22,855	22,929	0.3	560,902	**556,827**	(4,075)	(0.7)
Dayton	5,167	5,481	6.1	126,807	**133,105**	6,298	5.0
Delano	5,947	6,058	1.9	145,950	**147,117**	1,167	0.8
Detroit Lakes	9,380	9,409	0.3	230,202	**228,496**	(1,706)	(0.7)
Duluth	86,859	87,050	0.2	2,131,673	**2,113,993**	(17,680)	(0.8)
Eagan	68,223	68,488	0.4	1,674,312	**1,663,219**	(11,093)	(0.7)
East Bethel	11,788	12,074	2.4	289,298	**293,215**	3,917	1.4
East Grand Forks	8,843	8,876	0.4	217,023	**215,552**	(1,471)	(0.7)
Eden Prairie	63,163	63,726	0.9	1,550,131	**1,547,574**	(2,557)	(0.2)
Edina	51,804	52,497	1.3	1,271,361	**1,274,880**	3,519	0.3
Elk River	24,368	24,567	0.8	598,034	**596,605**	(1,429)	(0.2)
Fairmont	10,666	10,666	0.0	261,762	**259,022**	(2,740)	(1.0)
Falcon Heights	5,418	5,436	0.3	132,967	**132,012**	(955)	(0.7)
Faribault	23,718	23,769	0.2	582,081	**577,226**	(4,855)	(0.8)
Farmington	22,343	22,421	0.3	548,337	**544,490**	(3,847)	(0.7)
Fergus Falls	13,652	13,754	0.7	335,044	**334,013**	(1,031)	(0.3)
Forest Lake	20,344	20,497	0.8	499,278	**497,766**	(1,512)	(0.3)
Fridley	28,631	28,667	0.1	702,655	**696,173**	(6,482)	(0.9)
Glencoe	5,631	5,631	0.0	138,195	**136,748**	(1,447)	(1.0)
Golden Valley	21,556	21,646	0.4	529,022	**525,669**	(3,353)	(0.6)
Grand Rapids	11,435	11,389	(0.4)	280,635	**276,580**	(4,055)	(1.4)
Ham Lake	15,891	16,153	1.6	389,993	**392,273**	2,280	0.6
Hastings	22,400	22,640	1.1	549,735	**549,808**	73	0.0
Hermantown	9,507	9,539	0.3	233,319	**231,653**	(1,666)	(0.7)
Hibbing	16,361	16,361	0.0	401,528	**397,324**	(4,204)	(1.0)
Hopkins	19,000	19,079	0.4	466,293	**463,330**	(2,963)	(0.6)
Hugo	14,605	15,158	3.8	358,432	**368,109**	9,677	2.7
Hutchinson	14,180	14,188	0.1	348,002	**344,553**	(3,449)	(1.0)
International Falls	6,424	6,424	0.0	157,656	**156,006**	(1,650)	(1.0)
Inver Grove Heights	34,999	35,106	0.3	858,937	**852,543**	(6,394)	(0.7)
Isanti	5,614	5,786	3.1	137,777	**140,512**	2,735	2.0
Jordan	6,213	6,106	(1.7)	152,478	**148,283**	(4,195)	(2.8)
Kasson	6,298	6,414	1.8	154,564	**155,763**	1,199	0.8
LaCrescent	5,174	5,177	0.1	126,979	**125,722**	(1,257)	(1.0)
Lake City	5,129	5,129	0.0	125,875	**124,557**	(1,318)	(1.0)
Lake Elmo	8,748	9,481	8.4	214,691	**230,244**	15,553	7.2
Lakeville	60,965	61,993	1.7	1,496,188	**1,505,489**	9,301	0.6
Lino Lakes	20,803	21,117	1.5	510,542	**512,822**	2,280	0.4
Litchfield	6,736	6,736	0.0	165,313	**163,583**	(1,730)	(1.0)
Little Canada	10,101	10,120	0.2	247,896	**245,762**	(2,134)	(0.9)
Little Falls	8,890	8,940	0.6	218,176	**217,106**	(1,070)	(0.5)
Mahtomedi	8,030	8,085	0.7	197,070	**196,343**	(727)	(0.4)
Mankato	42,803	42,990	0.4	1,050,461	**1,044,004**	(6,457)	(0.6)
Maple Grove	66,401	66,814	0.6	1,629,597	**1,622,566**	(7,031)	(0.4)
Maplewood	40,243	40,084	(0.4)	987,634	**973,433**	(14,201)	(1.4)
Marshall	13,799	13,860	0.4	338,652	**336,588**	(2,064)	(0.6)

Municipality	Population Used for 2018	Population used for 2019	Population % Change	2018 Population Allocations (last year)	2019 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Medina	6,131	6,335	3.3	$150,466	**$153,844**	$3,378	2.2
Mendota Heights	11,283	11,352	0.6	276,905	**275,681**	(1,224)	(0.4)
Minneapolis	419,952	423,990	1.0	10,306,361	**10,296,519**	(9,842)	(0.1)
Minnetonka	52,741	53,394	1.2	1,294,357	**1,296,663**	2,306	0.2
Minnetrista	7,238	7,526	4.0	177,633	**182,768**	5,135	2.9
Montevideo	5,383	5,383	0.0	132,108	**130,725**	(1,383)	(1.0)
Monticello	13,409	13,553	1.1	329,080	**329,132**	52	0.0
Moorhead	42,581	43,440	2.0	1,045,013	**1,054,932**	9,919	0.9
Morris	5,442	5,513	1.3	133,556	**133,882**	326	0.2
Mound	9,371	9,494	1.3	229,981	**230,560**	579	0.3
Mounds View	13,161	13,327	1.3	322,994	**323,644**	650	0.2
New Brighton	22,618	22,875	1.1	555,086	**555,515**	429	0.1
New Hope	21,600	21,545	(0.3)	530,102	**523,216**	(6,886)	(1.3)
New Prague	7,585	7,725	1.8	186,149	**187,600**	1,451	0.8
New Ulm	13,539	13,540	0.0	332,271	**328,816**	(3,455)	(1.0)
North Branch	10,469	10,608	1.3	256,928	**257,613**	685	0.3
North Mankato	13,813	13,889	0.6	338,995	**337,292**	(1,703)	(0.5)
North St. Paul	12,069	12,099	0.2	296,194	**293,822**	(2,372)	(0.8)
Northfield	20,355	20,398	0.2	499,548	**495,362**	(4,186)	(0.8)
Oak Grove	8,360	8,582	2.7	205,169	**208,412**	3,243	1.6
Oakdale	27,937	28,115	0.6	685,623	**682,768**	(2,855)	(0.4)
Orono	7,691	7,883	2.5	188,751	**191,437**	2,686	1.4
Otsego	16,019	16,605	3.7	393,134	**403,249**	10,115	2.6
Owatonna	25,862	25,922	0.2	634,699	**629,511**	(5,188)	(0.8)
Plymouth	75,452	76,882	1.9	1,851,725	**1,867,065**	15,340	0.8
Prior Lake	25,520	25,735	0.8	626,306	**624,970**	(1,336)	(0.2)
Ramsey	26,251	26,462	0.8	644,246	**642,625**	(1,621)	(0.3)
Red Wing	16,545	16,572	0.2	406,043	**402,448**	(3,595)	(0.9)
Redwood Falls	5,256	5,256	0.0	128,991	**127,641**	(1,350)	(1.0)
Richfield	36,338	36,544	0.6	891,798	**887,464**	(4,334)	(0.5)
Robbinsdale	14,704	14,860	1.1	360,862	**360,872**	10	0.0
Rochester	113,331	115,821	2.2	2,781,342	**2,812,692**	31,350	1.1
Rogers	12,539	12,753	1.7	307,729	**309,704**	1,975	0.6
Rosemount	23,559	23,965	1.7	578,179	**581,986**	3,807	0.7
Roseville	35,836	35,987	0.4	879,478	**873,938**	(5,540)	(0.6)
Sartell	17,582	18,127	3.1	431,493	**440,211**	8,718	2.0
Sauk Rapids	13,631	13,884	1.9	334,529	**337,170**	2,641	0.8
Savage	30,285	30,713	1.4	743,247	**745,860**	2,613	0.4
Shakopee	40,643	41,519	2.2	997,451	**1,008,281**	10,830	1.1
Shoreview	26,366	26,447	0.3	647,068	**642,261**	(4,807)	(0.7)
Shorewood	7,496	7,708	2.8	183,965	**187,187**	3,222	1.8
South St. Paul	20,407	20,598	0.9	500,824	**500,219**	(605)	(0.1)
Spring Lake Park	6,412	6,450	0.6	157,362	**156,637**	(725)	(0.5)
St. Anthony	9,234	9,200	(0.4)	226,619	**223,420**	(3,199)	(1.4)
St. Cloud	67,344	67,889	0.8	1,652,740	**1,648,672**	(4,068)	(0.2)
St. Francis	7,400	7,541	1.9	181,609	**183,132**	1,523	0.8
St. Joseph	6,739	7,102	5.4	165,387	**172,471**	7,084	4.3
St. Louis Park	48,927	48,920	0.0	1,200,755	**1,188,013**	(12,742)	(1.1)
St. Michael	17,174	17,536	2.1	421,480	**425,859**	4,379	1.0
St. Paul	304,442	309,180	1.6	7,471,542	**7,508,380**	36,838	0.5
St. Paul Park	5,519	5,594	1.4	135,446	**135,849**	403	0.3
St. Peter	11,807	11,932	1.1	289,765	**289,766**	1	0.0
Stewartville	6,269	6,277	0.1	153,852	**152,436**	(1,416)	(0.9)
Stillwater	19,693	19,748	0.3	483,301	**479,577**	(3,724)	(0.8)
Thief River Falls	8,845	8,931	1.0	217,072	**216,888**	(184)	(0.1)

Municipality	Population Used for 2018	Population used for 2019	Population % Change	2018 Population Allocations (last year)	2019 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Vadnais Heights	12,910	12,704	(1.6)	$316,834	**$308,514**	($8,320)	(2.6)
Victoria	8,920	9,172	2.8	218,912	**222,740**	3,828	1.7
Virginia	8,712	8,712	0.0	213,808	**211,569**	(2,239)	(1.0)
Waconia	12,166	12,633	3.8	298,575	**306,790**	8,215	2.8
Waite Park	7,639	7,670	0.4	187,474	**186,265**	(1,209)	(0.6)
Waseca	9,412	9,412	0.0	230,987	**228,569**	(2,418)	(1.0)
West St. Paul	20,886	21,085	1.0	512,579	**512,045**	(534)	(0.1)
White Bear Lake	25,001	25,512	2.0	613,569	**619,554**	5,985	1.0
Willmar	19,891	20,008	0.6	488,160	**485,891**	(2,269)	(0.5)
Winona	27,614	27,614	0.0	677,696	**670,601**	(7,095)	(1.0)
Woodbury	68,349	69,426	1.6	1,677,405	**1,685,998**	8,593	0.5
Worthington	13,288	13,430	1.1	326,111	**326,145**	34	0.0
Wyoming	7,906	7,955	0.6	194,027	**193,186**	(841)	(0.4)
Zimmerman	5,469	5,597	2.3	134,220	**135,922**	1,702	1.3
Total	**3,917,538**	**3,958,987**	**1.1**	**$96,143,273**	**$96,143,273**	**$0**	

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

2018 $\frac{\$96,143,273}{3,917,538}$ = $24.54 per person

2019 $\frac{\$96,143,273}{3,958,987}$ = $24.28 per person

The population increase from 2018 and 2019 for allocation purposes is **41,449** (1.1% increase overall)

63 Cities Increased their population allocation.
85 Cities Decreased their population allocation.

MILEAGE, NEEDS AND APPORTIONMENT

The cities' share of the Highway User's Fund will be announced in January, when the Commissioner of Transportation makes a determination of the 2019 apportionment. Allocations in this report are therefore tentative, and based off the 2018 total apportionment amount of $192,286,547. Using last year's apportionment total not only makes for a conservative January forecast, it allows us to better see the effects of changes in Construction Needs.

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

System wide MSAS mileage increases annually due to the increasing number of eligible cities and to growth in overall local street mileage, of which 20% is allowed for MSAS designations. (Trunk Highway Turnbacks, CSAH Turnbacks, and County Road Turnbacks are all excess mileage for a city.)

MSAS MILEAGE, NEEDS, AND APPORTIONMENT 1958 to 2019

Appt. Year	Number 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
1974	95	1608.06	324,787,253	21,728,373	321,833,693	13,512.17	33.76
1975	99	1629.30	422,560,903	22,841,302	418,577,904	14,019.09	27.28

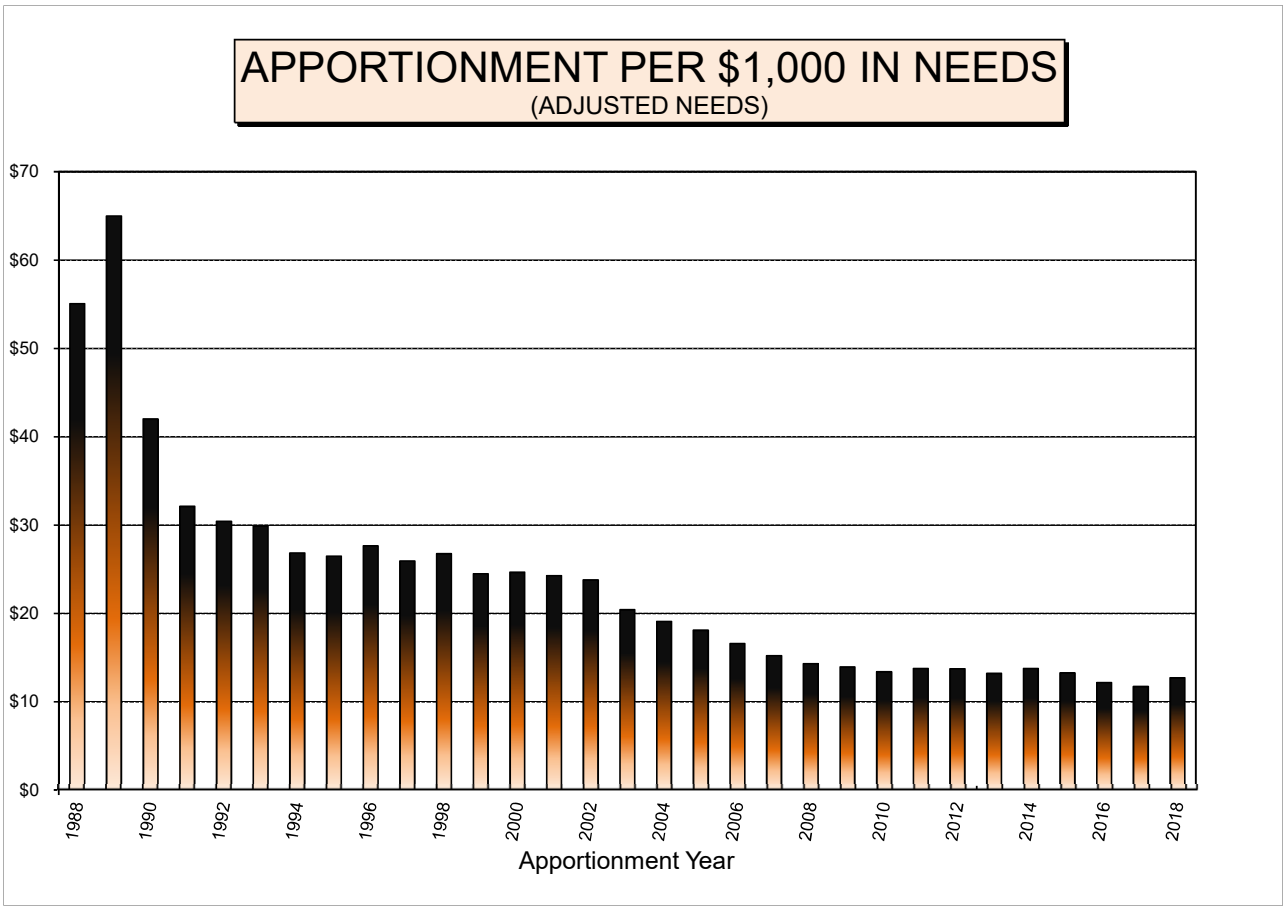
Appt. Year	Number of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per $1000 of Adjusted Needs
1976	101	1718.92	$449,383,835	$22,793,386	$444,038,715	$13,260.29	25.67
1977	101	1748.55	488,779,846	27,595,966	483,467,326	15,782.20	28.54
1978	104	1807.94	494,433,948	27,865,892	490,165,460	15,413.06	28.38
1979	106	1853.71	529,996,431	30,846,555	523,460,762	16,640.44	29.42
1980	106	1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.86
1981	109	1933.64	695,487,179	35,567,962	695,478,283	18,394.30	25.54
1982	105	1976.17	705,647,888	41,819,275	692,987,088	21,161.78	30.30
1983	106	2022.37	651,402,395	46,306,272	631,554,858	22,897.03	36.55
1984	106	2047.23	635,420,700	48,580,190	613,448,456	23,729.72	39.70
1985	107	2110.52	618,275,930	56,711,674	589,857,835	26,870.95	48.20
1986	107	2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.30
1987	107	2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.97
1988	108	2171.89	545,457,364	58,381,022	529,946,820	26,880.28	55.06
1989	109	2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.98
1990	112	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.99
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592	34,233.25	32.11
1992	116	2376.79	1,374,092,030	81,109,752	1,330,349,165	34,125.75	30.41
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428	34,413.27	29.89
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398	32,693.87	26.83
1995	118	2526.39	1,582,491,280	81,718,700	1,541,396,875	32,346.04	26.46
1996	119	2614.71	1,652,360,408	90,740,650	1,638,227,013	34,703.91	27.63
1997	122	2740.46	1,722,973,258	90,608,066	1,738,998,615	33,063.09	25.91
1998	125	2815.99	1,705,411,076	93,828,258	1,746,270,860	33,319.81	26.73
1999	126	2859.05	1,927,808,456	97,457,150	1,981,933,166	34,087.25	24.47
2000	127	2910.87	2,042,921,321	103,202,769	2,084,650,298	35,454.27	24.64
2001	129	2972.16	2,212,783,436	108,558,171	2,228,893,216	36,525.01	24.26
2002	130	3020.39	2,432,537,238	116,434,082	2,441,083,093	38,549.35	23.77
2003	131	3080.67	2,677,069,498	108,992,464	2,663,903,876	35,379.47	20.39
2004	133	3116.44	2,823,888,537	110,890,581	2,898,358,498	35,582.45	19.08
2005	136	3190.82	2,986,013,788	111,823,549	3,086,369,911	35,045.40	18.07
2006	138	3291.64	3,272,908,979	111,487,130	3,356,466,332	33,869.78	16.57
2007	142	3382.28	3,663,172,809	114,419,009	3,760,234,514	33,828.96	15.19
2008	143	3453.10	3,896,589,388	114,398,269	4,005,371,748	33,129.15	14.29
2009	144	3504.00	4,277,355,517	121,761,230	4,375,100,368	34,749.21	13.91
2010	144	3533.22	4,650,919,417	127,315,538	4,764,771,798	36,033.86	13.36
2011	147	3583.87	4,964,526,370	139,081,139	5,058,978,846	38,807.53	13.75
2012	142	3572.73	5,175,814,620	144,682,808	5,271,923,162	40,496.43	13.72
2013	147	3598.04	5,476,951,484	147,468,798	5,593,122,380	40,985.87	13.18
2014	147	3633.04	**5,476,951,484	154,615,011	5,627,313,935	42,558.03	13.74
2015	148	3682.39	6,244,717,460	170,700,289	*6,442,606,488	46,355.84	13.25
2016	148	3701.25	6,985,833,869	173,612,036	*7,146,203,608	46,906.33	12.15
2017	148	3729.86	7,247,080,405	173,218,364	*7,403,345,739	46,440.98	11.70
2018	148	3752.52	7,478,366,012	192,286,547	*7,583,820,217	51,241.98	12.68
2019	148	3772.08	7,601,987,903	192,286,547	*7,698,039,037	50,976.26	12.49

The figures for 2019 are estimates

* Amounts since 2015 reflect the new Adjusted Restricted Construction Needs dollars.

** Needs were frozen in 2013.

NOTES AND COMMENTS



Apport. Year	Const. Needs Apport. per $1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per $1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per $1,000 of Adjusted Const. Needs	Percent Increase (Decrease) from 1958
1958	$19.14		**1979**	29.42	53.73	**2000**	24.64	28.76
1959	20.71	8.23	**1980**	27.86	45.59	**2001**	24.26	26.77
1960	21.14	10.48	**1981**	25.54	33.49	**2002**	23.77	24.21
1961	19.64	2.64	**1982**	30.30	58.33	**2003**	20.39	6.55
1962	20.02	4.63	**1983**	36.55	91.00	**2004**	19.08	(0.29)
1963	21.21	10.85	**1984**	39.70	107.47	**2005**	18.07	(5.56)
1964	24.76	29.40	**1985**	48.20	151.87	**2006**	16.57	(13.41)
1965	25.71	34.34	**1986**	54.30	183.76	**2007**	15.19	(20.62)
1966	26.63	39.15	**1987**	48.97	155.92	**2008**	14.29	(25.33)
1967	29.10	52.06	**1988**	55.06	187.72	**2009**	13.91	(27.31)
1968	33.20	73.47	**1989**	64.98	239.55	**2010**	13.36	(30.18)
1969	35.87	87.42	**1990**	41.99	119.43	**2011**	13.75	(28.15)
1970	39.96	108.80	**1991**	32.11	67.77	**2012**	13.72	(28.30)
1971	44.27	131.34	**1992**	30.41	58.94	**2013**	13.18	(31.13)
1972	42.21	120.57	**1993**	29.89	56.20	**2014**	13.74	(28.20)
1973	30.17	57.66	**1994**	26.83	40.20	**2015**	13.25	(30.76)
1974	33.76	76.40	**1995**	26.46	38.27	**2016**	12.15	(36.51)
1975	27.28	42.58	**1996**	27.63	44.39	**2017**	11.70	(38.86)
1976	25.67	34.14	**1997**	25.91	35.40	**2018**	12.68	(33.74)
1977	28.54	49.14	**1998**	26.73	39.69			
1978	28.38	48.30	**1999**	24.47	27.86			

Minimum of $11.70 in 2017
Maximum of $64.98 in 1989

2018 ITEMIZED TABULATION OF NEEDS

The 2018 money Needs increased over the last year. This increase is due to Needs updates, new designations, added mileage, changing AADT, and an increase to *most of* the unit costs. (Aggregate Base, Bituminous, and Structures all saw slight decreases in their unit costs after the last full unit cost study. See Screening Board Resolutions for all of the unit prices used in the 2018 needs computation.)

The “2018 itemized tabulation of Needs” insert shows all construction items used in the Municipal State Aid Needs Study. (“After the fact” items are discussed later on in this report). This tabulation is provided to give each municipality an opportunity to compare their needs of the individual construction items to that of other cities.

The overall average cost per mile is $2,015,304 (up from $1,991,426 last year). Corcoran has the lowest cost per mile of $1,275,080 while Minneapolis has the highest cost with $2,768,710 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, 2018

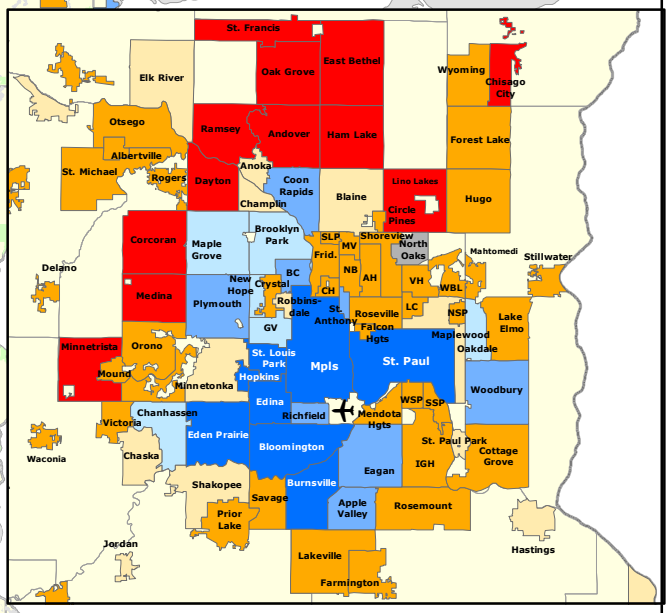
Legend

State Aid City Avg is $2,015,304

$1,275,080	to	$1,537,023	(19)
$1,539,129	to	$1,893,918	(66)
$1,907,320	to	$2,001,677	(23)
$2,020,507	to	$2,095,388	(12)
$2,120,827	to	$2,199,347	(15)
$2,232,701	to	$2,768,710	(13)

KITTSON
ROSEAU
LAKE OF THE WOODS
MARSHALL
BELTRAMI
KOOCHICHING
PENNINGTON
RED LAKE
POLK
CLEARWATER
ITASCA
LAKE
NORMAN
MAHNOMEN
CASS
HUBBARD
SAINT LOUIS
CLAY
BECKER
AITKIN
WADENA
CROW WING
CARLTON
WILKIN
OTTER TAIL
MORRISON
PINE
GRANT
DOUGLAS
TODD
MILLE LACS
KANABEC
TRAVERSE
BENTON
ISANTI
POPE
STEARNS
SHERBURNE
STEVENS
BIG STONE
CHISAGO
KANDIYOHI
SWIFT
MEEKER
WRIGHT
CHIPPEWA
LAC QUI PARLE
YELLOW MEDICINE
RENVILLE
MCLEOD
CARVER
SIBLEY
SCOTT
DAKOTA
LINCOLN
LYON
REDWOOD
NICOLLET
RICE
GOODHUE
LE SUEUR
BROWN
WABASHA
PIPESTONE
MURRAY
COTTONWOOD
WATONWAN
BLUE EARTH
WASECA
STEELE
DODGE
OLMSTED
WINONA
ROCK
NOBLES
JACKSON
MARTIN
FARIBAULT
FREEBORN
MOWER
FILLMORE
HOUSEN

International Falls
Thief River Falls
East Grand Forks
Crookston
Bemidji
Chisholm
Virginia
Hibbing
Grand Rapids
Moorhead
Detroit Lakes
Hermantown
Cloquet
Duluth
Fergus Falls
Baxter
Brainerd
Little Falls
Alexandria
Morris
Sartell
Sauk Rapids
St. Joseph
Waite Park
St. Cloud
Cambridge
North Branch
Zimmerman
Isanti
Big Lake
Monticello
Litchfield
Willmar
Montevideo
Buffalo
Delano
Hutchinson
Waconia
Glencoe
Jordan
Belle Plaine
New Prague
Northfield
Red Wing
Lake City
Marshall
Redwood Falls
St. Peter
Faribault
New Ulm
North Mankato
Mankato
Waseca
Owatonna
Kasson
Rochester
Byron
Stewartville
Winona
Worthington
Fairmont
Albert Lea
Austin
La Crescent



METRO INSET

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

Source: State Aid.

COMPARISON OF NEEDS BETWEEN 2017 and 2018

2018 Needs are computed for the January 2019 distribution

Needs Item	2017	2018	Difference	% increase
Grading/Excavation	$721,055,871	$830,899,909	$109,844,038	15.2
Total Storm Sewer	663,436,691	679,845,126	16,408,435	2.5
Gravel Base	993,710,436	926,378,571	(67,331,865)	(6.8)
Bituminous Surface	1,290,868,101	1,118,209,909	(172,658,192)	(13.4)
Curb and Gutter	618,637,503	680,117,612	61,480,109	9.9
Sidewalk Construction	887,916,645	1,034,134,002	146,217,357	16.5
Traffic Signals	296,375,625	308,125,289	11,749,664	4.0
Street Lighting	375,212,000	377,208,000	1,996,000	0.5
Structures	282,595,380	276,219,125	(6,376,255)	(2.3)
Engineering	1,348,557,760	1,370,850,360	22,292,600	1.7
Total Unadjusted Money Needs	**$7,478,366,012**	**$7,601,987,903**	**$123,621,891**	**1.7**
Total Needs Miles	3,752.52	3,772.09	19.57	0.5
ATF Right of Way	$88,307,252	$90,465,040	$2,157,788	2.4
ATF Retaining Wall	3,896,419	4,045,465	149,046	3.8
ATF RR Crossing	1,706,696	1,706,696	0	0.0
ATF Bridge over MSAS Route	378,684	378,684	0	0.0

N:\MSAS\Book\2018 October Book\Comparison of Needs 2017 and 2018.xls

2018 MILEAGE REPORT

The 2018 Mileage Report insert shows all categories of mileage used in the Municipal State Aid Needs Study. This report is provided to give each city an opportunity to view their mileage for various categories.

The 2018 Total System Length reflects an increase from last year. This increase is due new MSAS designations and to overall growth.

'**Total System Length**' & '**Total Needs Length**' are slightly different for some cities. These categories differ in cities that have designations that are "Outside City Limits" or "MSB approved One Way Mileage".

Total Needs Length for all cities is 3,772.08 miles.

Total System Length for all cities is 3,758.27 miles.

The information on the Mileage Report may also be helpful as you fill out your 2018 Annual Certification of Mileage form (which is due in January 2019). 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 their Needs were submitted by the spring deadline *and* was approved by the Commissioner before December 31st, those revisions can also be included on your 2018 certification.

MSAS NEEDS MILEAGE COMPARISON

from 2017 to 2018

City	2017 MSAS Needs Mileage	2018 MSAS Needs Mileage	Difference in Mileage
ALBERT LEA	24.31	24.31	
ALBERTVILLE	7.51	7.01	(0.50)
ALEXANDRIA	33.29	33.28	(0.01)
ANDOVER	43.48	43.48	
ANOKA	15.42	16.04	0.62
APPLE VALLEY	37.33	37.33	
ARDEN HILLS	7.53	7.53	
AUSTIN	30.21	30.21	
BAXTER	17.12	17.46	0.34
BELLE PLAINE	8.95	8.95	
BEMIDJI	18.72	19.01	0.29
BIG LAKE	11.48	11.48	
BLAINE	50.36	50.36	
BLOOMINGTON	76.12	76.12	
BRAINERD	19.16	19.20	0.04
BROOKLYN CENTER	21.34	21.34	
BROOKLYN PARK	60.71	60.71	
BUFFALO	17.24	17.24	
BURNSVILLE	44.77	44.77	
BYRON	7.59	8.08	0.49
CAMBRIDGE	16.93	16.93	
CHAMPLIN	20.07	20.07	
CHANHASSEN	22.76	22.76	
CHASKA	20.95	20.80	(0.15)
CHISAGO CITY	8.54	8.54	
CHISHOLM	8.41	8.41	
CIRCLE PINES	3.60	3.60	
CLOQUET	22.75	22.75	
COLUMBIA HEIGHTS	12.50	12.50	
COON RAPIDS	43.23	44.40	1.17
CORCORAN	15.53	15.53	
COTTAGE GROVE	35.31	35.31	
CROOKSTON	11.58	11.58	
CRYSTAL	17.47	17.58	0.11
DAYTON	10.62	10.62	
DELANO	6.21	6.21	
DETROIT LAKES	24.52	24.52	
DULUTH	116.71	118.12	1.41
EAGAN	49.03	49.24	0.21
EAST BETHEL	28.84	28.84	
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	16.95	0.26
FERGUS FALLS	26.18	26.66	0.48
FOREST LAKE	33.83	33.83	

City	2017 MSAS Needs Mileage	2018 MSAS Needs Mileage	Difference in Mileage
FRIDLEY	22.90	22.90	
GLENCOE	8.39	8.39	
GOLDEN VALLEY	23.74	23.74	
GRAND RAPIDS	26.32	26.32	
HAM LAKE	33.73	34.27	0.54
HASTINGS	22.61	22.61	
HERMANTOWN	18.65	18.65	
HIBBING	54.19	54.19	
HOPKINS	9.99	9.99	
HUGO	21.19	21.19	
HUTCHINSON	19.52	19.52	
INTERNATIONAL FALLS	8.08	8.11	0.03
INVER GROVE HEIGHTS	34.71	34.71	
ISANTI	6.89	6.89	
JORDAN	6.08	6.10	0.02
KASSON	6.30	6.60	0.30
LA CRESCENT	5.84	5.84	
LAKE CITY	8.39	8.39	
LAKE ELMO	18.12	19.12	1.00
LAKEVILLE	68.33	68.33	
LINO LAKES	23.84	23.84	
LITCHFIELD	8.77	8.77	
LITTLE CANADA	11.35	11.35	
LITTLE FALLS	21.75	21.75	
MAHTOMEDI	9.56	9.56	
MANKATO	39.665	40.425	0.760
MAPLE GROVE	58.17	58.61	0.44
MAPLEWOOD	36.68	36.68	
MARSHALL	18.78	18.78	
MEDINA	12.59	12.59	
MENDOTA HEIGHTS	15.17	15.17	
MINNEAPOLIS	206.82	207.30	0.48
MINNETONKA	51.19	51.19	
MINNETRISTA	12.98	12.98	
MONTEVIDEO	8.98	8.98	
MONTICELLO	12.19	12.19	
MOORHEAD	48.01	49.91	1.90
MORRIS	9.18	9.18	
MOUND	7.94	7.94	
MOUNDS VIEW	10.86	10.86	
NEW BRIGHTON	15.27	15.27	
NEW HOPE	12.86	12.86	
NEW PRAGUE	7.76	7.76	
NEW ULM	18.01	18.01	
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	26.59	0.86
OAKDALE	19.39	19.39	

City	2017 MSAS Needs Mileage	2018 MSAS Needs Mileage	Difference in Mileage
ORONO	9.45	9.45	
OTSEGO	23.72	24.00	0.28
OWATONNA	34.64	34.64	
PLYMOUTH	65.31	66.43	1.12
PRIOR LAKE	21.63	21.63	
RAMSEY	37.86	37.86	
RED WING	24.87	24.86	(0.01)
REDWOOD FALLS	10.52	10.61	0.09
RICHFIELD	24.67	24.67	
ROBBINSDALE	10.05	10.05	
ROCHESTER	108.01	110.12	2.11
ROGERS	21.37	21.70	0.33
ROSEMOUNT	29.385	29.385	
ROSEVILLE	31.63	31.63	
SARTELL	18.52	18.92	0.40
SAUK RAPIDS	14.21	14.37	0.16
SAVAGE	27.27	27.27	
SHAKOPEE	38.88	38.88	
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	65.90	65.90	
ST FRANCIS	13.45	13.45	
ST JOSEPH	6.66	6.76	0.10
ST LOUIS PARK	33.02	33.02	
ST MICHAEL	22.91	23.16	0.25
ST PAUL	164.73	164.84	0.11
ST PAUL PARK	5.94	5.94	
ST PETER	14.74	14.74	
STEWARTVILLE	4.71	4.71	
STILLWATER	18.25	18.87	0.62
THIEF RIVER FALLS	16.23	16.74	0.51
VADNAIS HEIGHTS	9.17	9.17	
VICTORIA	8.77	8.77	
VIRGINIA	16.36	16.36	
WACONIA	14.36	14.36	
WAITE PARK	7.02	7.77	0.75
WASECA	7.71	7.71	
WEST ST PAUL	13.58	13.58	
WHITE BEAR LAKE	20.94	20.94	
WILLMAR	27.87	27.99	0.12
WINONA	21.86	21.89	0.03
WOODBURY	57.52	58.89	1.37
WORTHINGTON	11.79	11.78	(0.01)
WYOMING	15.92	16.06	0.14
ZIMMERMAN	6.51	6.52	0.01
Total	**3,752.51**	**3,772.08**	**19.57**

2018 CONSTRUCTION NEEDS & 2019 CONSTRUCTION NEEDS ALLOCATIONS

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

- Phase In (or "Restriction"*:* Determine which cities will have a restriction applied to their unadjusted construction Needs)
- Excess Unencumbered Construction Fund Balance Adjustment
- Low Balance Incentive
- After the Fact Right of Way Adjustment
- After the Fact Retaining Wall Adjustment
- After the Fact Railroad Crossing Adjustment
- After the Fact Railroad Bridge over MSAS Adjustment
- Excess Maintenance Account (none for 2018)
- Trunk Highway Turnback Maintenance (none for 2018)

By applying these adjustments and the restriction, the "Adjusted Restricted Construction Needs" are calculated for each city. These are the Needs figures 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 2019. The allocations in this book are based on a projected money needs apportionment of $96,143,274.

The Municipal Screening Board will make their Money Needs recommendation by Nov. 1st.

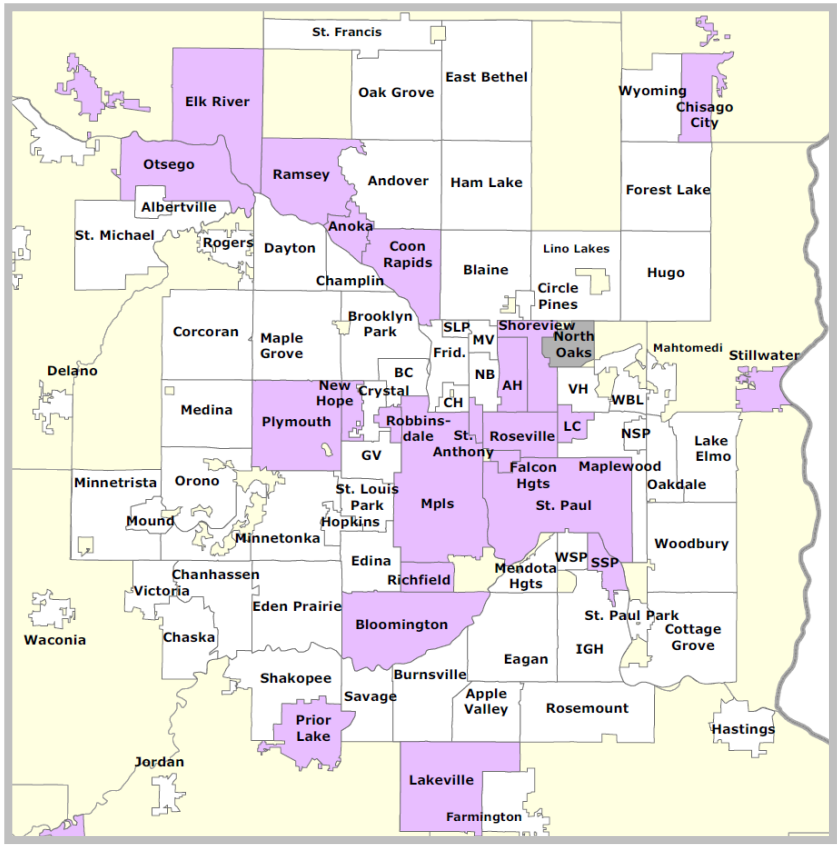
The data on the following pages are for the Screening Board's use in determining the Tentative 2018 Construction Needs. These tabulations show the impact of the individual adjustments and the tentative allocations to each city.

Step one is applying the Restriction.

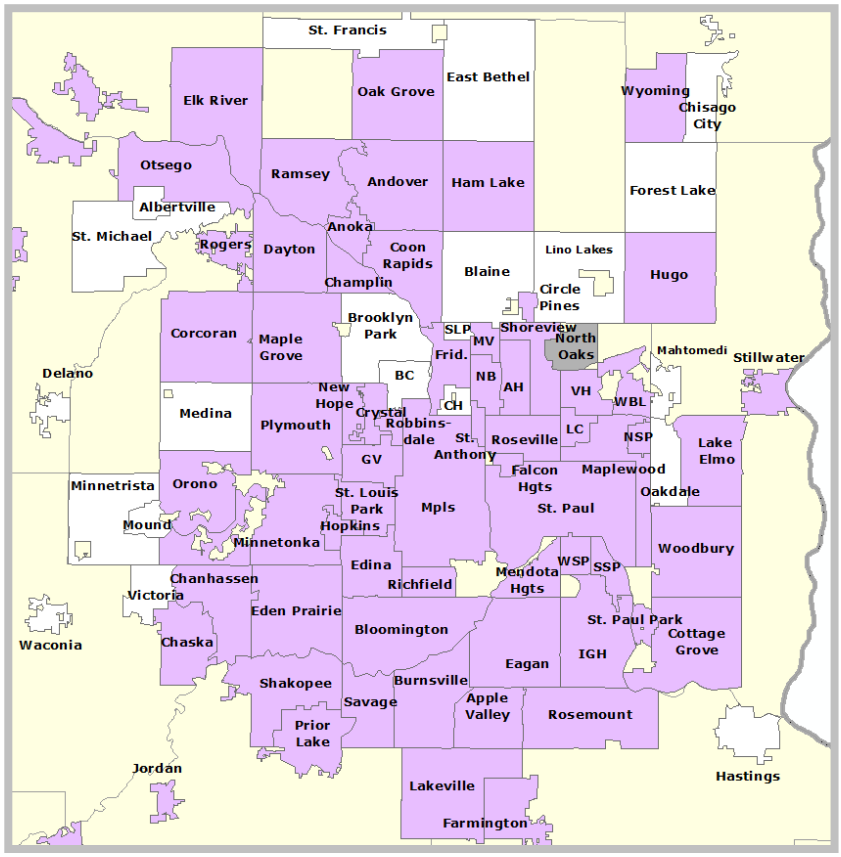
PHASE IN (RESTRICTION)

Unrestricted Cities in the Metro

Year One
(2014)



Year Five
(2018)



THE PHASE IN PROCESS – YEAR FIVE

In 2014, the Screening Board approved a new method of Needs Calculations known as "Continuous Needs". Before these new Needs calculations were to be used for the 2015 apportionment, it was noted that under this new method - certain cities would see significant changes in their new **25 Year Construction Needs figures**. In that first year, several cities would see notable decreases to their Needs (as much as -25%), while other cities would see significant increases (some more than 100%). To reduce the impact that the new Needs Calculations would have to the corresponding allocations for these cities, the Screening Board also voted to implement a ***phase in period*** for the new Needs method. (See Screening Board resolutions for details). This "phase-in" (or *restriction*) essentially keeps a City's Needs from changing too significantly from one year to the next, and gradually gives these cities several years to adjust to the new Needs Calculations. *(For a full review of the Needs Study Task Force's recommendation to move to a new Needs System, please link to the Decision Chronicle on the MSAS home page):* http://www.dot.state.mn.us/stateaid/msas.html

Since the phase-in process began, we have seen the number of cities using *Restricted Need*s fall from 112 (for the 2015 distribution) to 34 (for the upcoming 2019 distribution).

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. (all adjustments are applied to the Restricted Needs)

RESTRICTED NEEDS (PHASE IN) for 2019

Bandwidth is - 5.00% and +10.00% from the Statewide Average Percent of Change. State Average Percent of Change is **1.50%**. Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **-3.50%**, but not more than +**11.50%** from the Restricted Needs from January 2018. Otherwise the restriction is applied.

20 Cities received the Lower Restriction
14 Cities received the Upper Restriction
114 Cities received No Restriction

	Restricted Needs used for 2018 Distribution	Unadjusted Construction Needs for 2019 Distribution	Percent Change from 2018 to 2019	Lower Restriction (-3.50%)	Upper Restriction (+11.50%)	No Restriction	Restricted Needs For Jan. 2019 Distribution
Albert Lea	$46,727,783	$47,717,625	2.12	$0	$0	$47,717,625	**$47,717,625**
Albertville	13,590,010	12,850,890	(5.44)	13,114,360	0	0	**13,114,360**
Alexandria	62,232,760	63,026,919	1.28	0	0	63,026,919	**63,026,919**
Andover	65,120,778	66,173,658	1.62	0	0	66,173,658	**66,173,658**
Anoka	30,369,788	32,106,892	5.72	0	0	32,106,892	**32,106,892**
Apple Valley	79,110,319	79,687,487	0.73	0	0	79,687,487	**79,687,487**
Arden Hills	11,730,603	11,965,077	2.00	0	0	11,965,077	**11,965,077**
Austin	63,678,547	64,107,972	0.67	0	0	64,107,972	**64,107,972**
Baxter	31,539,595	34,396,706	9.06	0	0	34,396,706	**34,396,706**
Belle Plaine	15,824,483	16,006,608	1.15	0	0	16,006,608	**16,006,608**
Bemidji	37,168,320	36,952,410	(0.58)	0	0	36,952,410	**36,952,410**
Big Lake	17,456,205	17,791,722	1.92	0	0	17,791,722	**17,791,722**
Blaine ^^	86,018,314	100,338,148	16.65	0	95,910,420	0	**95,910,420**
Bloomington	179,276,801	180,579,374	0.73	0	0	180,579,374	**180,579,374**
Brainerd	38,298,195	39,033,106	1.92	0	0	39,033,106	**39,033,106**
Brooklyn Center ^^	33,789,227	46,406,082	37.34	0	37,674,989	0	**37,674,989**
Brooklyn Park ^^	99,572,001	123,896,044	24.43	0	111,022,781	0	**111,022,781**
Buffalo *	32,221,449	31,725,917	(1.54)	0	0	31,725,917	**31,725,917**
Burnsville	100,181,128	100,984,143	0.80	0	0	100,984,143	**100,984,143**
Byron ^^	9,761,933	13,959,250	43.00	0	10,884,555	0	**10,884,555**
Cambridge ^^	26,926,044	33,655,783	24.99	0	30,022,539	0	**30,022,539**
Champlin	39,011,045	39,493,315	1.24	0	0	39,493,315	**39,493,315**
Chanhassen	45,901,684	46,026,629	0.27	0	0	46,026,629	**46,026,629**

	Restricted Needs used for 2018 Distribution	Unadjusted Construction Needs for 2019 Distribution	Percent Change from 2018 to 2019	Lower Restriction (-3.50%)	Upper Restriction (+11.50%)	No Restriction	Restricted Needs For Jan. 2019 Distribution
Chaska	$40,136,293	$40,195,616	0.15	$0	$0	$40,195,616	**$40,195,616**
Chisago City	13,012,316	12,317,064	(5.34)	12,556,885	0	0	**12,556,885**
Chisholm *	13,942,355	13,531,994	(2.94)	0	0	13,531,994	**13,531,994**
Circle Pines	5,645,263	5,759,201	2.02	0	0	5,759,201	**5,759,201**
Cloquet	37,445,871	38,059,740	1.64	0	0	38,059,740	**38,059,740**
Columbia Heights **	23,002,576	22,126,759	(3.81)	22,197,486	0	0	**22,197,486**
Coon Rapids	94,681,739	97,651,000	3.14	0	0	97,651,000	**97,651,000**
Corcoran *	20,140,560	19,801,994	(1.68)	0	0	19,801,994	**19,801,994**
Cottage Grove	66,255,184	66,714,668	0.69	0	0	66,714,668	**66,714,668**
Crookston **	29,720,431	23,842,611	(19.78)	28,680,216	0	0	**28,680,216**
Crystal	28,887,107	29,606,500	2.49	0	0	29,606,500	**29,606,500**
Dayton ^	14,016,946	14,660,375	4.59	0	0	14,660,375	**14,660,375**
Delano **	13,180,815	10,578,295	(19.74)	12,719,487	0	0	**12,719,487**
Detroit Lakes	43,788,603	44,431,814	1.47	0	0	44,431,814	**44,431,814**
Duluth **	273,380,646	250,512,091	(8.37)	263,812,323	0	0	**263,812,323**
Eagan *	108,176,972	106,594,842	(1.46)	0	0	106,594,842	**106,594,842**
East Bethel **	40,962,042	38,513,369	(5.98)	39,528,371	0	0	**39,528,371**
East Grand Forks *	36,586,021	36,994,081	1.12	0	0	36,994,081	**36,994,081**
Eden Prairie	107,913,860	108,653,090	0.69	0	0	108,653,090	**108,653,090**
Edina	93,855,254	95,032,191	1.25	0	0	95,032,191	**95,032,191**
Elk River	73,670,171	74,503,188	1.13	0	0	74,503,188	**74,503,188**
Fairmont	38,102,674	38,570,851	1.23	0	0	38,570,851	**38,570,851**
Falcon Heights	5,398,624	5,494,509	1.78	0	0	5,494,509	**5,494,509**
Faribault	52,171,332	52,522,316	0.67	0	0	52,522,316	**52,522,316**
Farmington *	29,153,407	29,806,950	2.24	0	0	29,806,950	**29,806,950**
Fergus Falls	57,612,941	58,556,705	1.64	0	0	58,556,705	**58,556,705**
Forest Lake **	60,342,913	55,549,324	(7.94)	58,230,911	0	0	**58,230,911**
Fridley	39,593,490	40,192,922	1.51	0	0	40,192,922	**40,192,922**
Glencoe	13,561,695	14,153,517	4.36	0	0	14,153,517	**14,153,517**
Golden Valley	48,616,755	49,603,154	2.03	0	0	49,603,154	**49,603,154**
Grand Rapids **	53,894,813	46,309,900	(14.07)	52,008,495	0	0	**52,008,495**
Ham Lake	45,447,075	46,942,087	3.29	0	0	46,942,087	**46,942,087**
Hastings ^^	30,327,832	44,639,495	47.19	0	33,815,533	0	**33,815,533**

	Restricted Needs used for 2018 Distribution	Unadjusted Construction Needs for 2019 Distribution	Percent Change from 2018 to 2019	Lower Restriction (-3.50%)	Upper Restriction (+11.50%)	No Restriction	Restricted Needs For Jan. 2019 Distribution
Hermantown	$33,535,750	$34,169,548	1.89	$0	$0	$34,169,548	**$34,169,548**
Hibbing	82,717,994	84,109,266	1.68	0	0	84,109,266	**84,109,266**
Hopkins	22,031,057	22,304,685	1.24	0	0	22,304,685	**22,304,685**
Hugo	32,610,648	33,238,042	1.92	0	0	33,238,042	**33,238,042**
Hutchinson ^	40,047,088	40,901,981	2.13	0	0	40,901,981	**40,901,981**
International Falls	11,660,747	11,948,379	2.47	0	0	11,948,379	**11,948,379**
Inver Grove Heights	63,463,655	64,292,861	1.31	0	0	64,292,861	**64,292,861**
Isanti	9,905,099	10,111,126	2.08	0	0	10,111,126	**10,111,126**
Jordan *	11,463,208	11,727,965	2.31	0	0	11,727,965	**11,727,965**
Kasson	10,296,471	10,928,760	6.14	0	0	10,928,760	**10,928,760**
La Crescent **	9,000,791	8,509,130	(5.46)	8,685,763	0	0	**8,685,763**
Lake City	12,380,867	12,624,085	1.96	0	0	12,624,085	**12,624,085**
Lake Elmo ^	28,658,522	30,705,563	7.14	0	0	30,705,563	**30,705,563**
Lakeville	126,423,219	128,129,328	1.35	0	0	128,129,328	**128,129,328**
Lino Lakes**	41,744,825	35,128,941	(15.85)	40,283,756	0	0	**40,283,756**
Litchfield**	15,921,643	13,756,250	(13.60)	15,364,385	0	0	**15,364,385**
Little Canada	19,567,624	19,872,077	1.56	0	0	19,872,077	**19,872,077**
Little Falls	34,488,061	35,304,647	2.37	0	0	35,304,647	**35,304,647**
Mahtomedi ^^	13,131,781	15,115,592	15.11	0	14,641,936	0	**14,641,936**
Mankato	92,025,465	93,987,193	2.13	0	0	93,987,193	**93,987,193**
Maple Grove	117,308,256	119,681,508	2.02	0	0	119,681,508	**119,681,508**
Maplewood	69,250,125	70,253,992	1.45	0	0	70,253,992	**70,253,992**
Marshall	35,318,979	35,819,475	1.42	0	0	35,819,475	**35,819,475**
Medina ^^	14,665,509	18,731,987	27.73	0	16,352,042	0	**16,352,042**
Mendota Heights	25,672,185	26,095,270	1.65	0	0	26,095,270	**26,095,270**
Minneapolis	568,805,116	573,953,550	0.91	0	0	573,953,550	**573,953,550**
Minnetonka	96,791,286	98,048,619	1.30	0	0	98,048,619	**98,048,619**
Minnetrista**	20,713,826	16,580,082	(19.96)	19,988,842	0	0	**19,988,842**
Montevideo	14,152,765	14,420,656	1.89	0	0	14,420,656	**14,420,656**
Monticello	23,045,948	23,315,681	1.17	0	0	23,315,681	**23,315,681**
Moorhead	120,647,905	124,941,118	3.56	0	0	124,941,118	**124,941,118**
Morris	14,818,340	15,087,111	1.81	0	0	15,087,111	**15,087,111**
Mound **	15,476,284	12,916,147	(16.54)	14,934,614	0	0	**14,934,614**

	Restricted Needs used for 2018 Distribution	Unadjusted Construction Needs for 2019 Distribution	Percent Change from 2018 to 2019	Lower Restriction (-3.50%)	Upper Restriction (+11.50%)	No Restriction	Restricted Needs For Jan. 2019 Distribution
Mounds View	$17,254,956	$17,581,008	1.89	$0	$0	$17,581,008	**$17,581,008**
New Brighton *	24,971,126	25,066,582	0.38	0	0	25,066,582	**25,066,582**
New Hope	25,802,589	26,128,116	1.26	0	0	26,128,116	**26,128,116**
New Prague	11,318,220	11,991,188	5.95	0	0	11,991,188	**11,991,188**
New Ulm**	34,195,686	32,517,840	(4.91)	32,998,837	0	0	**32,998,837**
North Branch**	45,117,216	40,682,557	(9.83)	43,538,113	0	0	**43,538,113**
North Mankato	31,572,981	31,863,396	0.92	0	0	31,863,396	**31,863,396**
North St. Paul *	19,634,884	19,177,374	(2.33)	0	0	19,177,374	**19,177,374**
Northfield	30,738,417	31,135,705	1.29	0	0	31,135,705	**31,135,705**
Oak Grove	36,345,317	37,478,824	3.12	0	0	37,478,824	**37,478,824**
Oakdale ^^	29,050,659	39,915,590	37.40	0	32,391,484	0	**32,391,484**
Orono	17,414,971	17,654,211	1.37	0	0	17,654,211	**17,654,211**
Otsego	37,433,757	36,939,100	(1.32)	0	0	36,939,100	**36,939,100**
Owatonna	67,811,102	68,486,603	1.00	0	0	68,486,603	**68,486,603**
Plymouth	140,601,391	144,513,482	2.78	0	0	144,513,482	**144,513,482**
Prior Lake	34,930,729	36,103,302	3.36	0	0	36,103,302	**36,103,302**
Ramsey	55,801,555	56,667,219	1.55	0	0	56,667,219	**56,667,219**
Red Wing	47,492,361	48,023,508	1.12	0	0	48,023,508	**48,023,508**
Redwood Falls	15,931,509	16,450,235	3.26	0	0	16,450,235	**16,450,235**
Richfield	53,012,754	53,581,691	1.07	0	0	53,581,691	**53,581,691**
Robbinsdale	18,895,108	19,245,273	1.85	0	0	19,245,273	**19,245,273**
Rochester	271,150,298	275,020,160	1.43	0	0	275,020,160	**275,020,160**
Rogers	39,157,930	40,276,532	2.86	0	0	40,276,532	**40,276,532**
Rosemount	48,522,608	49,152,954	1.30	0	0	49,152,954	**49,152,954**
Roseville	52,307,466	55,367,989	5.85	0	0	55,367,989	**55,367,989**
Sartell	36,136,867	38,689,006	7.06	0	0	38,689,006	**38,689,006**
Sauk Rapids	31,888,289	32,452,848	1.77	0	0	32,452,848	**32,452,848**
Savage	49,502,903	50,142,811	1.29	0	0	50,142,811	**50,142,811**
Shakopee ^	72,002,584	74,473,858	3.43	0	0	74,473,858	**74,473,858**
Shoreview	33,844,374	34,447,164	1.78	0	0	34,447,164	**34,447,164**
Shorewood	15,913,983	16,168,738	1.60	0	0	16,168,738	**16,168,738**
South St. Paul	30,368,536	30,842,481	1.56	0	0	30,842,481	**30,842,481**
Spring Lake Park ^^	9,079,038	10,630,966	17.09	0	10,123,128	0	**10,123,128**

	Restricted Needs used for 2018 Distribution	Unadjusted Construction Needs for 2019 Distribution	Percent Change from 2018 to 2019	Lower Restriction (-3.50%)	Upper Restriction (+11.50%)	No Restriction	Restricted Needs For Jan. 2019 Distribution
St. Anthony	$12,805,488	$12,916,389	0.87	$0	$0	$12,916,389	**$12,916,389**
St. Cloud	149,100,630	148,785,942	(0.21)	0	0	148,785,942	**148,785,942**
St. Francis**	24,873,973	20,672,961	(16.89)	24,003,384	0	0	**24,003,384**
St. Joseph ^^	4,654,428	11,079,221	138.04	0	5,189,688	0	**5,189,688**
St. Louis Park	76,493,541	77,313,274	1.07	0	0	77,313,274	**77,313,274**
St. Michael**	46,897,103	37,852,651	(19.29)	45,255,705	0	0	**45,255,705**
St. Paul	450,892,775	452,733,075	0.41	0	0	452,733,075	**452,733,075**
St. Paul Park	11,351,297	11,454,200	0.91	0	0	11,454,200	**11,454,200**
St. Peter **	27,608,837	26,210,191	(5.07)	26,642,528	0	0	**26,642,528**
Stewartville	6,845,140	6,984,192	2.03	0	0	6,984,192	**6,984,192**
Stillwater	33,065,936	34,640,606	4.76	0	0	34,640,606	**34,640,606**
Thief River Falls **	39,527,100	32,685,375	(17.31)	38,143,652	0	0	**38,143,652**
Vadnais Heights	15,963,859	16,212,510	1.56	0	0	16,212,510	**16,212,510**
Victoria ^^	11,703,326	13,545,680	15.74	0	13,049,209	0	**13,049,209**
Virginia	30,991,783	31,369,862	1.22	0	0	31,369,862	**31,369,862**
Waconia	23,612,641	27,024,539	14.45	0	26,328,094	0	**26,328,094**
Waite Park ^^	13,063,992	16,154,807	23.66	0	14,566,351	0	**14,566,351**
Waseca	12,940,494	13,163,927	1.73	0	0	13,163,927	**13,163,927**
West St. Paul ^	25,334,014	25,719,413	1.52	0	0	25,719,413	**25,719,413**
White Bear Lake ^	34,739,466	37,185,841	7.04	0	0	37,185,841	**37,185,841**
Willmar	58,183,047	59,461,686	2.20	0	0	59,461,686	**59,461,686**
Winona	47,865,239	48,124,180	0.54	0	0	48,124,180	**48,124,180**
Woodbury	125,065,235	127,815,424	2.20	0	0	127,815,424	**127,815,424**
Worthington	21,083,004	21,364,581	1.34	0	0	21,364,581	**21,364,581**
Wyoming	24,933,799	25,880,375	3.80	0	0	25,880,375	**25,880,375**
Zimmerman *	8,860,226	8,754,105	(1.20)	0	0	8,754,105	**8,754,105**
Total	**$7,489,531,166**	**$7,601,987,903**	**1.50%**	**$812,688,113**	**$451,972,748**	**$6,336,782,291**	**$7,601,443,152**

Albertville and Chisago City were not restricted last year

* was an lower restriction city last year

^ was an upper restriction city last year

** Have been on lower restriction since Phase-in began

^^ Have been on upper restriction since Phase-in began

MSAS\Books\2018 October Book\Tent Adjusted Construction Needs 2018 (Old Book File A&B)(PhaseInCalcs).xls

Restricted Cities, 2014

Legend

lower restriction	(60)
upper restriction	(52)
no restriction	(36)
na (North Oaks)	(1)

KITTSON
ROSEAU
LAKE OF THE WOODS
MARSHALL
BELTRAMI
KOOCHICHING
PENNINGTON
RED LAKE
POLK
CLEARWATER
NORMAN
MAHNOMEN
ITASCA
CASS
HUBBARD
CLAY
BECKER
WADENA
CROW WING
AITKIN
CARLTON
COOK
LAKE
SAINT LOUIS
WILKIN
OTTER TAIL
MORRISON
MILLE LACS
PINE
GRANT
DOUGLAS
TODD
KANABEC
TRAVERSE
BENTON
ISANTI
POPE
STEARNS
SHERBURNE
CHISAGO
STEVENS
BIG STONE
KANDIYOHI
SWIFT
MEEKER
WRIGHT
CHIPPEWA
LAC QUI PARLE
YELLOW MEDICINE
RENVILLE
MCLEOD
CARVER
SCOTT
DAKOTA
SIBLEY
LINCOLN
LYON
REDWOOD
NICOLLET
RICE
GOODHUE
LE SUEUR
WABASHA
BROWN
PIPESTONE
MURRAY
COTTONWOOD
WATONWAN
BLUE EARTH
WASECA
STEELE
DODGE
OLMSTED
WINONA
ROCK
NOBLES
JACKSON
MARTIN
FARIBAULT
FREEBORN
MOWER
FILLMORE
HOUSTON

International Falls
Thief River Falls
East Grand Forks
Crookston
Bemidji
Chisholm
Virginia
Hibbing
Grand Rapids
Moorhead
Detroit Lakes
Hermantown
Cloquet
Duluth
Fergus Falls
Baxter
Brainerd
Little Falls
Alexandria
Morris
Sartell
Sauk Rapids
St. Joseph
Waite Park
St. Cloud
Cambridge
North Branch
Zimmerman
Isanti
Big Lake
Monticello
Litchfield
Willmar
Buffalo
Delano
Montevideo
Hutchinson
Waconia
Glencoe
Jordan
Belle Plaine
New Prague
Northfield
Red Wing
Lake City
Marshall
Redwood Falls
St. Peter
Faribault
New Ulm
North Mankato
Mankato
Waseca
Owatonna
Kasson
Rochester
Byron
Winona
Stewartville
Worthington
Fairmont
Albert Lea
Austin
La Crescent

INSET

St. Francis
Elk River
Oak Grove
East Bethel
Wyoming
Chisago City
Otsego
Ramsey
Andover
Ham Lake
Forest Lake
Albertville
St. Michael
Rogers
Dayton
Anoka
Coon Rapids
Blaine
Lino Lakes
Hugo
Champlin
Circle Pines
Brooklyn Park
Shoreview
North Oaks
Corcoran
Maple Grove
SLP
MV
Frid.
Mahtomedi
Stillwater
Delano
BC
NB
AH
VH
WBL
Medina
New Hope
Crystal
CH
Plymouth
Robbins-dale
St. Anthony
Roseville
LC
NSP
Lake Elmo
GV
Falcon Hgts
Maplewood
Minnetrista
Orono
St. Louis Park
Mpls
St. Paul
Oakdale
Mound
Hopkins
Minnetonka
Edina
Woodbury
Chanhassen
Richfield
Mendota Hgts
WSP
SSP
Victoria
Eden Prairie
Bloomington
St. Paul Park
Waconia
Chaska
IGH
Cottage Grove
Eagan
Burnsville
Shakopee
Savage
Apple Valley
Rosemount
Prior Lake
Hastings
Jordan
Lakeville
Farmington

Restricted Cities, 2015

Legend

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

KITTSON
ROSEAU
LAKE OF THE WOODS
MARSHALL
BELTRAMI
KOOCHICHING
PENNINGTON
RED LAKE
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ITASCA
HUBBARD
CASS
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BECKER
WADENA
CROW WING
AITKIN
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SAINT LOUIS
WILKIN
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MORRISON
MILLE LACS
PINE
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TODD
KANABEC
TRAVERSE
BENTON
ISANTI
POPE
STEARNS
SHERBURNE
STEVENS
BIG STONE
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GOODHUE
LE SUEUR
BROWN
WABASHA
PIPESTONE
MURRAY
COTTONWOOD
WATONWAN
BLUE EARTH
WASECA
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Brainerd
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Morris
Sartell
Sauk Rapids
St. Joseph
Waite Park
St. Cloud
Cambridge
North Branch
Zimmerman
Isanti
Big Lake
Monticello
Litchfield
Willmar
Buffalo
Delano
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Hutchinson
Waconia
Glencoe
Jordan
Belle Plaine
New Prague
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Marshall
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Mankato
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Oakdale
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Hopkins
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SSP
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Farmington

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Source: State Aid

Restricted Cities, 2016

Legend

lower restriction	(41)
upper restriction	(29)
no restriction	(78)
na (North Oaks)	(1)

KITTSON
ROSEAU
LAKE OF THE WOODS
MARSHALL
BELTRAMI
KOOCHICHING
PENNINGTON
RED LAKE
POLK
CLEARWATER
NORMAN
MAHNOMEN
ITASCA
CASS
HUBBARD
CLAY
BECKER
WADENA
CROW WING
AITKIN
CARLTON
SAINT LOUIS
LAKE
COOK
WILKIN
OTTER TAIL
TODD
MORRISON
MILLE LACS
PINE
KANABEC
GRANT
DOUGLAS
TRAVERSE
BENTON
POPE
STEARNS
SHERBURNE
ISANTI
STEVENS
BIG STONE
KANDIYOHI
CHISAGO
SWIFT
MEEKER
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LE SUEUR
RICE
GOODHUE
WABASHA
BROWN
PIPESTONE
MURRAY
COTTONWOOD
WATONWAN
BLUE EARTH
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OLMSTED
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JACKSON
MARTIN
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HOUSTON

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Duluth
Fergus Falls
Baxter
Brainerd
Little Falls
Alexandria
Morris
Sartell
Sauk Rapids
St. Joseph
Waite Park
St. Cloud
Cambridge
North Branch
Zimmerman
Isanti
Big Lake
Monticello
Litchfield
Willmar
Buffalo
Delano
Montevideo
Hutchinson
Waconia
Glencoe
Jordan
Belle Plaine
New Prague
Northfield
Red Wing
Lake City
Marshall
Redwood Falls
St. Peter
North Mankato
New Ulm
Faribault
Mankato
Waseca
Owatonna
Kasson
Rochester
Byron
Winona
Stewartville
Worthington
Fairmont
Albert Lea
Austin
La Crescent

INSET

St. Francis
Elk River
Oak Grove
East Bethel
Wyoming
Chisago City
Otsego
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Maple Grove
Brooklyn Park
SLP
Frid.
MV
Shoreview
North Oaks
Mahtomedi
Stillwater
Delano
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Crystal
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AH
VH
WBL
Medina
New Hope
Plymouth
CH
Robbins-dale
St. Anthony
Roseville
LC
NSP
Lake Elmo
GV
Falcon Hgts
Maplewood
Minnetrista
Orono
St. Louis Park
Mpls
St. Paul
Oakdale
Mound
Minnetonka
Hopkins
Edina
Woodbury
Chanhassen
Richfield
WSP
SSP
Victoria
Eden Prairie
Mendota Hgts
St. Paul Park
Bloomington
Cottage Grove
Waconia
Chaska
IGH
Eagan
Shakopee
Burnsville
Savage
Apple Valley
Rosemount
Prior Lake
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Hastings
Lakeville
Farmington

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Source: State Aid

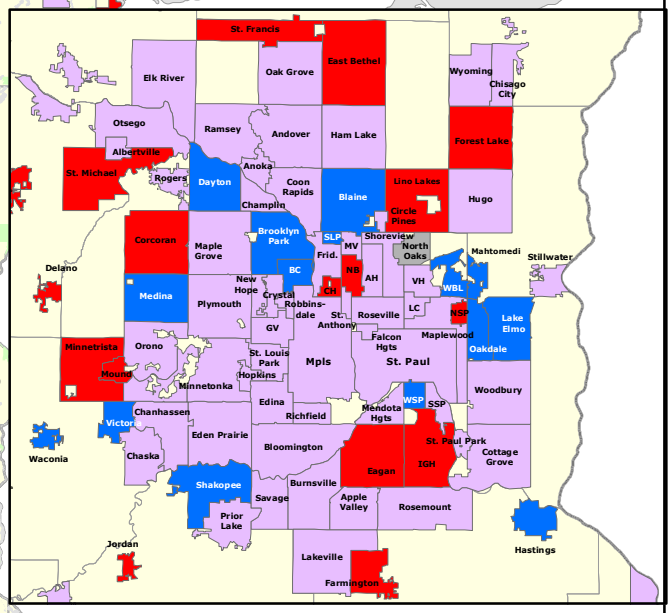
Restricted Cities, 2017

Legend

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

KITTSON
ROSEAU
LAKE OF THE WOODS
MARSHALL
BELTRAMI
KOOCHICHING
PENNINGTON
RED LAKE
POLK
CLEARWATER
NORMAN
MAHNOMEN
ITASCA
HUBBARD
CASS
CLAY
BECKER
WADENA
CROW WING
AITKIN
CARLTON
SAINT LOUIS
LAKE
COOK
WILKIN
OTTER TAIL
MORRISON
MILLE LACS
PINE
GRANT
DOUGLAS
TODD
KANABEC
TRAVERSE
BENTON
ISANTI
POPE
STEARNS
SHERBURNE
STEVENS
BIG STONE
KANDIYOHI
CHISAGO
SWIFT
MEEKER
WRIGHT
CHIPPEWA
LAC QUI PARLE
YELLOW MEDICINE
RENVILLE
MCLEOD
CARVER
SIBLEY
SCOTT
DAKOTA
LINCOLN
LYON
REDWOOD
NICOLLET
RICE
GOODHUE
WABASHA
BROWN
LE SUEUR
PIPESTONE
MURRAY
COTTONWOOD
WATONWAN
BLUE EARTH
WASECA
STEELE
DODGE
OLMSTED
WINONA
ROCK
NOBLES
JACKSON
MARTIN
FARIBAULT
FREEBORN
MOWER
FILLMORE
HOUSTON

International Falls
Thief River Falls
East Grand Forks
Crookston
Bemidji
Chisholm
Virginia
Hibbing
Grand Rapids
Moorhead
Detroit Lakes
Hermantown
Cloquet
Duluth
Fergus Falls
Baxter
Brainerd
Little Falls
Alexandria
Morris
Sartell
Sauk Rapids
St. Joseph
Waite Park
St. Cloud
Cambridge
North Branch
Zimmerman
Isanti
Big Lake
Monticello
Litchfield
Willmar
Buffalo
Delano
Montevideo
Waconia
Hutchinson
Glencoe
Jordan
Belle Plaine
New Prague
Northfield
Red Wing
Lake City
Marshall
Redwood Falls
St. Peter
North Mankato
New Ulm
Faribault
Mankato
Waseca
Owatonna
Kasson
Rochester
Byron
Winona
Stewartville
Worthington
Fairmont
Albert Lea
Austin
La Crescent



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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, 2018

Legend

lower restriction	(20)
upper restriction	(14)
no restriction	(114)
na (North Oaks)	(1)

KITTSON
ROSEAU
LAKE OF THE WOODS
MARSHALL
BELTRAMI
KOOCHICHING
PENNINGTON
RED LAKE
POLK
CLEARWATER
NORMAN
MAHNOMEN
ITASCA
CASS
HUBBARD
CLAY
BECKER
WADENA
CROW WING
AITKIN
CARLTON
SAINT LOUIS
LAKE
COOK
WILKIN
OTTER TAIL
TODD
MORRISON
MILLE LACS
PINE
KANABEC
GRANT
DOUGLAS
TRAVERSE
BENTON
ISANTI
STEVENS
POPE
STEARNS
SHERBURNE
CHISAGO
BIG STONE
KANDIYOHI
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Fergus Falls
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Alexandria
Morris
Sartell
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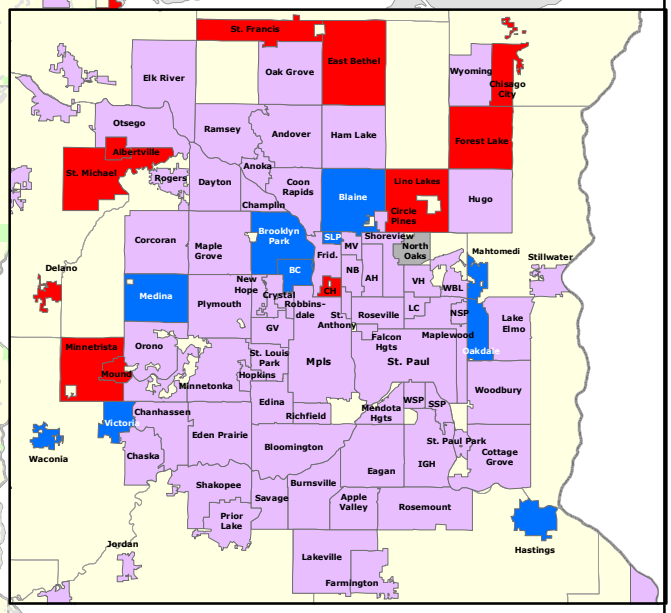
St. Joseph
Waite Park
St. Cloud
Cambridge
North Branch
Zimmerman
Isanti
Big Lake
Monticello
Litchfield
Willmar
Buffalo
Delano
Montevideo
Waconia
Hutchinson
Glencoe
Jordan
Belle Plaine
New Prague
Northfield
Red Wing
Lake City
Marshall
Redwood Falls
St. Peter
North Mankato
New Ulm
Faribault
Mankato
Waseca
Owatonna
Kasson
Rochester
Byron
Winona
Stewartville
Worthington
Fairmont
Albert Lea
Austin
La Crescent



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Source: State Aid

Lower Restriction Cities, since 2014

% points *below* State Aid City Average

(has to be less than -5.0 for restriction to apply)

CITY	2014	2015	2016	2017	2018
Columbia Heights	-25.54	-20.85	-16.29	-10.05	-5.31
Crookston*	-39.00	-31.81	-23.30	-23.45	-21.28
Delano*	-37.15	-32.44	-26.07	-25.20	-21.24
Duluth	-27.99	-23.62	-19.10	-14.47	-9.87
East Bethel	-29.77	-25.55	-20.17	-14.32	-7.48
Forest Lake	-27.10	-24.70	-20.04	-14.04	-9.44
Grand Rapids*	-36.00	-31.96	-26.40	-20.17	-15.57
La Crescent	-24.85	-19.95	-15.46	-12.12	-6.96
Lino Lakes*	-38.00	-34.88	-27.53	-22.00	-17.35
Litchfield*	-34.56	-30.44	-25.60	-19.90	-15.10
Minnetrista*	-38.94	-35.80	-30.72	-25.76	-21.46
Mound*	-38.49	-34.13	-27.79	-22.29	-18.04
New Ulm	-22.42	-17.95	-10.12	-11.07	-6.41
North Branch	-31.97	-27.62	-22.89	-16.89	-11.33
St. Francis*	-39.01	-33.25	-28.33	-22.84	-18.39
St. Michael*	-42.03	-37.54	-32.24	-26.73	-20.79
St. Peter	-24.20	-20.80	-14.43	-11.08	-6.57
Thief River Falls*	-38.59	-33.07	-27.76	-25.02	-18.81

Upper Restriction Cities, since 2014

% points *above* State Aid City Average

(has to be greater than 10.0 for restriction to apply)

CITY	2014	2015	2016	2017	2018
Blaine	57.82	49.67	35.09	25.02	15.15
Brooklyn Center **	110.65	92.58	64.95	50.48	35.84
Brooklyn Park**	70.36	63.51	43.77	34.63	22.93
Byron**	28.75	32.10	19.24	45.35	41.50
Cambridge **	78.35	65.70	48.80	36.69	23.49
Hastings**	101.92	94.85	76.95	61.47	45.69
Mahtomedi	63.79	50.00	33.24	23.50	13.61
Medina**	74.27	59.47	43.68	33.08	26.23
Oakdale**	101.70	84.95	62.64	50.67	35.90
Spring Lake Park	68.36	55.43	37.58	27.59	15.59
St. Joseph**	151.73	128.57	173.03	152.39	136.54
Victoria	39.35	28.50	14.56	25.48	14.24
Waite Park**	63.95	54.08	36.45	26.74	22.16

* Percentage Change in 2018 was at least 15.0 Pct points less than Avg.

** Percentage Change in 2018 was at least 20.0 Pct points greater than Avg.

Adjustments to the Restricted Construction Needs

EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

Screening Board Resolutions state:

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 Resolutions state:

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 16, 2018 balance is used for this report / estimate. The final adjustment will be made using the December 31, 2018 construction fund balances.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

for 2019 distribution

Municipality	January 2018 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/16/2018	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2019 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Albert Lea	$777,459	$1,043,375	1.342						
Albertville	341,894	965,124	2.823						
Alexandria	845,831	(2,299,704)	(2.719)				$63,026,919	0.0161	$237,300
Andover	1,215,080	313,649	0.258				66,173,658	0.0169	249,148
Anoka	620,230	(1,246,048)	(2.009)				32,106,892	0.0082	120,885
Apple Valley	1,697,347	4,069,454	2.398						
Arden Hills	295,069	(23,171)	(0.079)				11,965,077	0.0030	45,049
Austin	1,328,376	2,374,633	1.788						
Baxter	457,696	(800,292)	(1.749)				34,396,706	0.0088	129,506
Belle Plaine	337,333	127,333	0.377				16,006,608	0.0041	60,266
Bemidji	631,990	500,926	0.793				36,952,410	0.0094	139,128
Big Lake	339,791	153,425	0.452				17,791,722	0.0045	66,987
Blaine	2,049,084	3,523,749	1.720						
Bloomington	2,928,936	7,514,210	2.566						
Brainerd	812,638	(766,065)	(0.943)				39,033,106	0.0099	146,962
Brooklyn Center	1,035,196	(2,756,285)	(2.663)				37,674,989	0.0096	141,849
Brooklyn Park	2,418,374	41,659	0.017				111,022,781	0.0283	418,008
Buffalo	623,676	(230,196)	(0.369)				31,725,917	0.0081	119,450
Burnsville	2,091,768	663,761	0.317				100,984,143	0.0257	380,212
Byron	194,015	520,185	2.681						
Cambridge	509,691	0	0.000				30,022,539	0.0077	113,037
Champlin	801,171	2,008,225	2.507						
Chanhassen	905,219	258,756	0.286				46,026,629	0.0117	173,293
Chaska	868,594	0	0.000				40,195,616	0.0102	151,339
Chisago City	220,867	(447,472)	(2.026)				12,556,885	0.0032	47,277
Chisholm	224,712	(895,075)	(3.983)				13,531,994	0.0034	50,949
Circle Pines	150,807	207,170	1.374						
Cloquet	505,732	(581,167)	(1.149)				38,059,740	0.0097	143,297
Columbia Heights	589,934	207,362	0.352				22,197,486	0.0057	83,575
Coon Rapids	2,510,409	(3,280,912)	(1.307)				97,651,000	0.0249	367,662
Corcoran	240,311	**1,861,491**	**7.746**	2018	2	(3,722,982)			
Cottage Grove	1,685,678	0	0.000				66,714,668	0.0170	251,185
Crookston	428,821	805,755	1.879						
Crystal	695,980	(2,405,800)	(3.457)				29,606,500	0.0075	111,470
Dayton	228,379	944,461	**4.135**	No Adjustment / balance under 1.5 million					

Municipality	January 2018 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/16/2018	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2019 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Delano	$232,983	$0	0.000				$12,719,487	0.0032	$47,890
Detroit Lakes	589,847	(88,856)	(0.151)				44,431,814	0.0113	167,289
Duluth	4,104,089	1,793,063	0.437				$263,812,323	0.0672	993,271
Eagan	2,931,742	(1,592,306)	(0.543)				106,594,842	0.0272	401,336
East Bethel	607,999	22,978	0.038				39,528,371	0.0101	148,827
East Grand Forks	408,469	577,373	1.414						
Eden Prairie	2,423,849	6,704,781	2.766						
Edina	1,846,949	604,726	0.327				95,032,191	0.0242	357,802
Elk River	1,171,860	1,174,134	1.002						
Fairmont	715,210	997,042	1.394						
Falcon Heights	130,915	495,593	**3.786**	No Adjustment / balance under 1.5 million					
Faribault	933,703	1,357,205	1.454						
Farmington	688,686	0	0.000				29,806,950	0.0076	112,225
Fergus Falls	805,996	1,720,062	2.134						
Forest Lake	948,766	617,453	0.651				58,230,911	0.0148	219,243
Fridley	783,272	849,669	1.085						
Glencoe	252,397	538,041	2.132						
Golden Valley	778,919	**2,796,004**	**3.590**	2018	2	(5,592,009)			
Grand Rapids	679,418	0	0.000				52,008,495	0.0133	195,815
Ham Lake	732,541	82,712	0.113				46,942,087	0.0120	176,740
Hastings	700,910	855,699	1.221						
Hermantown	596,049	(442,446)	(0.742)				34,169,548	0.0087	128,651
Hibbing	1,024,605	559,863	0.546				84,109,266	0.0214	316,677
Hopkins	559,374	0	0.000				22,304,685	0.0057	83,979
Hugo	579,157	0	0.000				33,238,042	0.0085	125,143
Hutchinson	826,416	1,965,880	2.379						
International Falls	293,364	1,093,033	**3.726**	No Adjustment / balance under 1.5 million					
Inver Grove Heights	1,256,701	3,094,314	2.462						
Isanti	197,593	(453,267)	(2.294)				10,111,126	0.0026	38,069
Jordan	223,446	(113,252)	(0.507)				11,727,965	0.0030	44,157
Kasson	214,162	941,706	**4.397**	No Adjustment / balance under 1.5 million					
LaCrescent	232,752	447,948	1.925						
Lake City	212,293	(44,516)	(0.210)				12,624,085	0.0032	47,530
Lake Elmo	433,505	954,888	2.203						
Lakeville	2,792,992	0	0.000				128,129,328	0.0327	482,415
Lino Lakes	783,592	0	0.000				40,283,756	0.0103	151,671
Litchfield	275,368	1,446,619	**5.253**	No Adjustment / balance under 1.5 million					
Little Canada	372,133	(245,959)	(0.661)				19,872,077	0.0051	74,820
Little Falls	640,131	1,276,641	1.994						

Municipality	January 2018 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/16/2018	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2019 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Mahtomedi	$272,660	$1,278,499	**4.689**	No Adjustment / balance under 1.5 million					
Mankato	1,667,016	1,426,521	0.856				$93,987,193	0.0240	$353,868
Maple Grove	2,355,750	4,311,225	1.830						
Maplewood	1,550,615	0	0.000				70,253,992	0.0179	264,511
Marshall	770,043	(3,111,902)	(4.041)				35,819,475	0.0091	134,863
Medina	252,411	413,288	1.637						
Mendota Heights	452,565	698,417	1.543						
Minneapolis	11,387,765	25,793,691	2.265						
Minnetonka	1,851,651	3,550,562	1.918						
Minnetrista	331,555	937,127	2.826						
Montevideo	298,151	77,850	0.261				14,420,656	0.0037	54,295
Monticello	466,123	(243,755)	(0.523)				23,315,681	0.0059	87,785
Moorhead	1,981,960	2,146,487	1.083						
Morris	241,183	310,984	1.289						
Mound	319,763	(932,177)	(2.915)				14,934,614	0.0038	56,230
Mounds View	406,576	0	0.000				17,581,008	0.0045	66,194
New Brighton	653,947	(1,814,793)	(2.775)				25,066,582	0.0064	94,377
New Hope	643,430	(1,583,809)	(2.462)				26,128,116	0.0067	98,374
New Prague	247,379	154,681	0.625				11,991,188	0.0031	45,148
New Ulm	739,003	554,669	0.751				32,998,837	0.0084	124,243
North Branch	615,283	**2,316,960**	**3.766**	2019	1	(2,316,960)			
North Mankato	511,466	(1,007,740)	(1.970)				31,863,396	0.0081	119,968
North St. Paul	413,098	**1,581,822**	**3.829**	2019	1	(1,581,822)			
Northfield	666,924	122,258	0.183				31,135,705	0.0079	117,228
Oak Grove	506,404	485,371	0.958				37,478,824	0.0096	141,110
Oakdale	790,629	1,232,955	1.559						
Orono	274,009	329,454	1.202						
Otsego	655,706	1,450,234	2.212						
Owatonna	1,370,386	1,184,321	0.864				68,486,603	0.0175	257,857
Plymouth	2,750,896	2,496,820	0.908				144,513,482	0.0368	544,103
Prior Lake	698,675	832,240	1.191						
Ramsey	978,984	1,714,544	1.751						
Red Wing	666,112	0	0.000				48,023,508	0.0122	180,812
Redwood Falls	248,353	160,592	0.647				16,450,235	0.0042	61,936
Richfield	1,364,028	(2,899,883)	(2.126)				53,581,691	0.0137	201,739
Robbinsdale	585,328	922,284	1.576						
Rochester	5,054,416	6,988,863	1.383						
Rogers	603,113	1,633,774	2.709						
Rosemount	1,155,292	2,536,217	2.195						

Municipality	January 2018 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/16/2018	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2019 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Roseville	$1,158,404	$848,301	0.732				$55,367,989	0.0141	$208,464
Sartell	870,621	(4,005,000)	(4.600)				38,689,006	0.0099	145,667
Sauk Rapids	722,994	357,800	0.495				32,452,848	0.0083	122,187
Savage	1,338,707	594,774	0.444				50,142,811	0.0128	188,791
Shakopee	1,433,287	642,228	0.448				74,473,858	0.0190	280,399
Shoreview	807,463	0	0.000				34,447,164	0.0088	129,696
Shorewood	291,220	854,464	2.934						
South Saint Paul	664,364	679,027	1.022						
Spring Lake Park	204,421	160,763	0.786				10,123,128	0.0026	38,114
St. Anthony	291,825	(660,409)	(2.263)				12,916,389	0.0033	48,631
St Cloud	2,677,599	0	0.000				148,785,942	0.0379	560,189
St Francis	372,853	**1,559,632**	**4.183**	2019	1	(1,559,632)			
St Joseph	168,295	422,053	2.508						
St Louis Park	1,411,370	398,353	0.282				77,313,274	0.0197	291,089
St Michael	762,397	(766,671)	(1.006)				45,255,705	0.0115	170,391
St Paul	9,673,763	19,038,746	1.968						
St Paul Park	210,134	408,212	1.943						
St Peter	537,383	486,127	0.905				26,642,528	0.0068	100,311
Stewartville	180,529	(34,974)	(0.194)				6,984,192	0.0018	26,296
Stillwater	676,869	1,279,704	1.891						
Thief River Falls	545,872	413,661	0.758				38,143,652	0.0097	143,613
Vadnais Heights	337,745	621,030	1.839						
Victoria	275,460	513,977	1.866						
Virginia	455,028	1,021,598	2.245						
Waconia	448,636	871,953	1.944						
Waite Park	356,070	490,592	1.378						
Waseca	298,307	887,527	2.975						
West St Paul	625,521	282,401	0.451				25,719,413	0.0066	96,835
White Bear Lake	790,768	0	0.000				37,185,841	0.0095	140,007
Willmar	919,808	449,376	0.489				59,461,686	0.0152	223,877
Winona	963,849	917,487	0.952				48,124,180	0.0123	181,191
Woodbury	2,456,412	0	0.000				127,815,424	0.0326	481,233
Worthington	493,627	849,857	1.722						
Wyoming	382,799	(958,112)	(2.503)				25,880,375	0.0066	97,441
Zimmerman	238,168	(121,948)	(0.512)				8,754,105	0.0022	32,960
Total	**$146,431,457**	**$126,910,523**				**($14,773,405)**	**$3,923,811,627**	**1.0000**	**$14,773,405**

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NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

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

23-Jul-18

Municipality	Total Right-of-Way Expenditures for 2018 Allocations	+	New Right-of-Way Expenditures for 2019 Allocation	+	Right-of-Way Expenditures Expired in 2018	=	Total Right-of-Way Expenditures for 2019 Allocations
Albert Lea							
Albertville							
Alexandria	$367,593		$32,525				**$400,118**
Andover **	1,016		12,393				**13,409**
Anoka							
Apple Valley	22,837						**22,837**
Arden Hills							
Austin							
Baxter	468,225						**468,225**
Belle Plaine	1,224,822						**1,224,822**
Bemidji							
Big Lake							
Blaine *	5,232,612				(79,244)		**5,153,368**
Bloomington	5,172,873				(101,369)		**5,071,504**
Brainerd	1,269,506		28,038				**1,297,544**
Brooklyn Center							
Brooklyn Park	44,877		1,516				**46,393**
Buffalo	1,550,985						**1,550,985**
Burnsville							
Byron							
Cambridge							
Champlin	62,348						**62,348**
Chanhassen							
Chaska							
Chisago City							
Chisholm							
Circle Pines	82,365						**82,365**
Cloquet							
Columbia Heights							
Coon Rapids	2,469,664						**2,469,664**
Corcoran							
Cottage Grove	492,450						**492,450**
Crookston							
Crystal							
Dayton							
Delano			27,833				**27,833**
Detroit Lakes	51,476						**51,476**
Duluth **	2,564,618		35,300				**2,599,918**
Eagan **	4,336,182		117,525		(225)		**4,453,482**
East Bethel **	128,055		672,603				**800,658**
East Grand Forks	141,624						**141,624**
Eden Prairie	445,608		528,486				**974,094**
Edina	28,566						**28,566**
Elk River	2,341,754						**2,341,754**
Fairmont							
Falcon Heights							
Faribault	114,986						**114,986**
Farmington							

Municipality	Total Right-of-Way Expenditures for 2018 Allocations	+	New Right-of-Way Expenditures for 2019 Allocation	+	Right-of-Way Expenditures Expired in 2018	=	Total Right-of-Way Expenditures for 2019 Allocations
Fergus Falls	$318,549						**$318,549**
Forest Lake	6,839						**6,839**
Fridley							
Glencoe							
Golden Valley							
Grand Rapids	2,386,592		14,464		(6,436)		**2,394,620**
Ham Lake **	794,882		$125,891				**920,773**
Hastings							
Hermantown	174,659		26,172				**200,831**
Hibbing							
Hopkins							
Hugo							
Hutchinson							
International Falls							
Inver Grove Heights	776,192						**776,192**
Isanti							
Jordan							
Kasson			44,906				**44,906**
La Crescent	25,000						**25,000**
Lake City	7,000						**7,000**
Lake Elmo			129,071				**129,071**
Lakeville *	1,015,804				(30,325)		**985,479**
Lino Lakes	360,549						**360,549**
Litchfield							
Little Canada							
Little Falls	1,333,864						**1,333,864**
Mahtomedi							
Mankato	360,355						**360,355**
Maple Grove	1,810,004						**1,810,004**
Maplewood *	5,279,548				(54,771)		**5,224,777**
Marshall	302,397						**302,397**
Medina							
Mendota Heights	61,140						**61,140**
Minneapolis	181,087						**181,087**
Minnetonka							
Minnetrista	145,293						**145,293**
Montevideo	13,949						**13,949**
Monticello							
Moorhead **	4,280,948		84,078				**4,365,026**
Morris							
Mound							
Mounds View							
New Brighton			111,812				**111,812**
New Hope							
New Prague	6,287						**6,287**
New Ulm							
North Branch	38,362						**38,362**
North Mankato	64,226						**64,226**
North St. Paul	448,302						**448,302**
Northfield							
Oak Grove	699,809				(82,414)		**617,395**
Oakdale							
Orono							
Otsego	518,832						**518,832**

Municipality	Total Right-of-Way Expenditures for 2018 Allocations	+	New Right-of-Way Expenditures for 2019 Allocation	+	Right-of-Way Expenditures Expired in 2018	=	Total Right-of-Way Expenditures for 2019 Allocations
Owatonna *	$119,703				($3,766)		**$115,937**
Plymouth	2,470,008						**2,470,008**
Prior Lake	423,049						**423,049**
Ramsey	207,749						**207,749**
Red Wing	734,223				(417,388)		**316,835**
Redwood Falls			383,850				**383,850**
Richfield	9,038,239						**9,038,239**
Robbinsdale							
Rochester	2,571,811						**2,571,811**
Rogers							
Rosemount	389,000						**389,000**
Roseville							
Sartell **	973,119		505,175				**1,478,294**
Sauk Rapids	407,639						**407,639**
Savage	400,000						**400,000**
Shakopee							
Shoreview	9,300						**9,300**
Shorewood	203,488				(30,274)		**173,214**
South St. Paul							
Spring Lake Park							
St Anthony							
St Cloud *	2,014,574				(96,441)		**1,918,133**
St Francis	14,990						**14,990**
St Joseph			197,142				**197,142**
St Louis Park							
St Michael							
St Paul	14,625,230		686,200		(776,998)		**14,534,432**
St Paul Park	65,293						**65,293**
St Peter	1,019,684						**1,019,684**
Stewartville							
Stillwater							
Thief River Falls	439,427						**439,427**
Vadnais Heights	17,096						**17,096**
Victoria							
Virginia							
Waconia							
Waite Park	1,054,220						**1,054,220**
Waseca	213,261						**213,261**
West St. Paul							
White Bear Lake							
Willmar							
Winona	8,000				(7,500)		**500**
Woodbury	862,147		80,450				**942,597**
Worthington	491				(491)		
Wyoming							
Zimmerman							
Total	**$88,307,252**		**$3,845,430**		**($1,687,642)**		**$90,465,040**

* more than one expenditure expired in 2018
** more than one new expenditure for 2019

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NEW RIGHT-OF-WAY ADJUSTMENTS FOR 2019

MUNICIPALITY	PROJECT	AMOUNT
Alexandria	102-135-002	$32,525
Andover	198-110-003	$9,393
Andover	198-124-001	$3,000
Brainerd	108-126-012	$28,038
Brooklyn Park	110-129-005	$1,516
Delano	247-105-001	$27,833
Duluth	118-201-001	$17,501
Duluth	118-202-001	$2,650
Duluth	118-198-003	$200
Duluth	118-196-003	$5,002
Duluth	118-178-005	$9,947
Eagan	195-125-001	$76,373
Eagan	195-147-002	$41,152
East Bethel	203-116-001	$160,344
East Bethel	203-111-004	$74,366
East Bethel	203-111-004	$350,215
East Bethel	203-111-004	$40,208
East Bethel	203-122-001	$19,922
East Bethel	203-123-001	$6,048
East Bethel	203-125-001	$21,500
Eden Prairie	181-106-004	$528,486
Grand Rapids	129-146-001	$14,464
Ham Lake	197-103-003	$21,178
Ham Lake	197-124-003	$66,425
Ham Lake	197-125-004	$38,288
Hermantown	202-103-009	$26,172
Kasson	240-113-001	$44,906
Lake Elmo	206-108-002	$129,071
Moorhead	144-118-080	$79,578
Moorhead	144-143-001	$4,500
New Brighton	147-110-010	$111,812
Redwood Falls	207-112-001	$383,850
Sartell	220-117-002	$129,211
Sartell	220-117-002	$100,964
Sartell	220-118-001	$275,000
St. Joseph	233-108-002	$197,142
St. Paul	164-303-001	$686,200
Woodbury	192-117-002	$80,450
TOTAL		**$3,845,430**

EXPIRED RIGHT-OF-WAY ADJUSTMENTS, 2018

MUNICIPALITY	PROJECT	AMOUNT
Blaine	106-130-004	$78,408
Blaine	106-130-005	$836
Bloomington	107-399-027	$101,369
Eagan	195-106-010	$225
Grand Rapids	129-119-004	$6,436
Lakeville	188-101-007	$24,055
Lakeville	188-110-006	$6,270
Maplewood	138-104-xxx	$45,771
Maplewood	138-121-xxx	$9,000
Oak Grove	223-109-002	$82,414
Owatonna	153-125-006	$2,636
Owatonna	153-133-001	$640
Owatonna	153-134-001	$490
Red Wing	156-125-011	$417,388
Shorewood	216-107-001	$30,274
St. Cloud	162-121-009	$67,718
St. Cloud	162-134-005	$28,723
St. Paul	164-301-001	$776,998
Winona	176-108-011	$7,500
Worthington	177-107-005	$491
TOTAL		**$1,687,642**

AFTER THE FACT RETAINING WALL ADJUSTMENT

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

Municipality	Retaining Wall Expenditures for 2018 Allocations	New Retaining Wall Expenditures for 2019	Retaining Wall Expenditures Expired in 2018	Total Retaining Wall Adjustment for 2019 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	23,128	0	211,480
Buffalo	61,252	0	0	61,252
Cambridge	28,020	0	0	28,020
Cloquet	81,498	0	0	81,498
Crystal	42,510	0	0	42,510
Duluth	594,891	0	0	594,891
Fergus Falls	110,360	0	0	110,360
Grand Rapids	236,876	0	0	236,876
Inver Grove Heights	179,003	0	0	179,003
Kasson	35,640	0	0	35,640
La Crescent	8,624	0	0	8,624
Lakeville	118,042	0	0	118,042
Marshall	514,325	0	0	514,325
Minnetonka	37,913	0	0	37,913
Moorhead	359,937	0	0	359,937
Mounds View	13,419	0	0	13,419
New Hope	32,400	0	0	32,400
Oakdale	20,658	0	0	20,658
Plymouth	64,144	0	0	64,144
Red Wing	539,025	0	0	539,025
Roseville	107,381	0	0	107,381
Sartell	6,000	0	0	6,000
St. Paul	51,542	0	0	51,542
Thief River Falls	296,422	0	0	296,422
West St. Paul	0	125,918	0	125,918
Total	**$3,896,419**	**$149,046**	**$0**	**$4,045,465**

NEW PROJECT LISTING OF RETAINING WALL CONSTRUCTION

requested in 2018

Municipality	Project or Route	Amount	Total Adjustment
Brainerd	108-129-002	$19,635	
Brainerd	108-113-007	$3,493	23,128
West St. Paul	173-122-016	125,918	125,918
Total		**$149,046**	**$149,046**

AFTER THE FACT RAILROAD CROSSING ADJUSTMENT

Screening Board Resolution:

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

Municipality	Eligible Railroad Crossing Expenditures	New Railroad Crossing Expenditures 2018	Expired Railroad Crossing Expenditures	Expire Date	Total Railroad Crossing Adjustment for 2019 Apportionment
Buffalo	$528,566			2031	$528,566
Cambridge	$234,357			2031	$234,357
Fergus Falls	$299,555			2029	$299,555
New Ulm	$18,433			2030	$18,433
Moorhead	$258,980			2032	$258,980
Moorhead	$366,805			2032	$366,805
Total	**$1,706,696**	**$0**	**$0**		**$1,706,696**

AFTER THE FACT RAILROAD BRIDGE OVER MSAS ADJUSTMENT

RR Bridge over MSAS Route Rehabilitation

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

RR Bridge over MSAS Route Construction/Reconstruction

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

(One city has this adjustment)

Municipality	Eligible Railroad Bridge over MSAS Expenditures	New RR Bridge over MSAS Expenditures	Type of Construction	Expire Date	Total RR Bridge over MSAS Adjustment for 2019 Apportionment
Thief River Falls	$378,684		Construction/ Reconstruction	2049	$378,684
Total	**$378,684**				**$378,684**

2018 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS

for January **2019** apportionment

Municipality	Restricted (Phase in) Needs for Jan. 2019 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	$47,717,625				$67,342		$67,342	**$47,784,967**
Albertville	13,114,360						0	**13,114,360**
Alexandria	63,026,919	237,300		$400,118	25,633		663,051	**63,689,970**
Andover	66,173,658	249,148		13,409	20,197		282,754	**66,456,412**
Anoka	32,106,892	120,885					120,885	**32,227,777**
Apple Valley	79,687,487			22,837			22,837	**79,710,324**
Arden Hills	11,965,077	45,049					45,049	**12,010,126**
Austin	64,107,972						0	**64,107,972**
Baxter	34,396,706	129,506		468,225			597,731	**34,994,437**
Belle Plaine	16,006,608	60,266		1,224,822			1,285,088	**17,291,696**
Bemidji	36,952,410	139,128					139,128	**37,091,538**
Big Lake	17,791,722	66,987					66,987	**17,858,709**
Blaine	95,910,420			5,153,368			5,153,368	**101,063,788**
Bloomington	180,579,374			5,071,504	55,013		5,126,517	**185,705,891**
Brainerd	39,033,106	146,962		1,297,544	211,480		1,655,986	**40,689,092**
Brooklyn Center	37,674,989	141,849					141,849	**37,816,837**
Brooklyn Park	111,022,781	418,008		46,393			464,401	**111,487,182**
Buffalo	31,725,917	119,450		1,550,985	61,252	$528,566	2,260,253	**33,986,170**
Burnsville	100,984,143	380,212					380,212	**101,364,355**
Byron	10,884,555						0	**10,884,555**
Cambridge	30,022,539	113,037			28,020	234,357	375,414	**30,397,952**
Champlin	39,493,315			62,348			62,348	**39,555,663**
Chanhassen	46,026,629	173,293					173,293	**46,199,922**
Chaska	40,195,616	151,339					151,339	**40,346,955**
Chisago City	12,556,885	47,277					47,277	**12,604,162**
Chisholm	13,531,994	50,949					50,949	**13,582,943**
Circle Pines	5,759,201			82,365			82,365	**5,841,566**
Cloquet	38,059,740	143,297			81,498		224,795	**38,284,535**
Columbia Heights	22,197,486	83,575					83,575	**22,281,061**
Coon Rapids	97,651,000	367,662		2,469,664			2,837,326	**100,488,326**
Corcoran	19,801,994	(3,722,982)					(3,722,982)	**16,079,012**
Cottage Grove	66,714,668	251,185		492,450			743,635	**67,458,303**
Crookston	28,680,216						0	**28,680,216**
Crystal	29,606,500	111,470			42,510		153,980	**29,760,480**
Dayton	14,660,375						0	**14,660,375**
Delano	12,719,487	47,890		27,833			75,723	**12,795,209**
Detroit Lakes	44,431,814	167,289		51,476			218,765	**44,650,579**
Duluth	263,812,323	993,271		2,599,918	594,891		4,188,080	**268,000,403**
Eagan	106,594,842	401,336		4,453,482			4,854,818	**111,449,660**

Municipality	Restricted (Phase in) Needs for Jan. 2019 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	$39,528,371	$148,827		$800,658			$949,485	**$40,477,856**
East Grand Forks	36,994,081			141,624			141,624	**37,135,705**
Eden Prairie	108,653,090			974,094			974,094	**109,627,184**
Edina	95,032,191	357,802		28,566			386,368	**95,418,559**
Elk River	74,503,188			2,341,754			2,341,754	**76,844,942**
Fairmont	38,570,851						0	**38,570,851**
Falcon Heights	5,494,509						0	**5,494,509**
Faribault	52,522,316			114,986			114,986	**52,637,302**
Farmington	29,806,950	112,225					112,225	**29,919,175**
Fergus Falls	58,556,705			318,549	$110,360	$299,555	728,464	**59,285,169**
Forest Lake	58,230,911	219,243		6,839			226,082	**58,456,993**
Fridley	40,192,922						0	**40,192,922**
Glencoe	14,153,517						0	**14,153,517**
Golden Valley	49,603,154	(5,592,009)					(5,592,009)	**44,011,145**
Grand Rapids	52,008,495	195,815		2,394,620	$236,876		2,827,311	**54,835,806**
Ham Lake	46,942,087	176,740		920,773			1,097,513	**48,039,600**
Hastings	33,815,533						0	**33,815,533**
Hermantown	34,169,548	128,651		200,831			329,482	**34,499,030**
Hibbing	84,109,266	316,677					316,677	**84,425,943**
Hopkins	22,304,685	83,979					83,979	**22,388,664**
Hugo	33,238,042	125,143					125,143	**33,363,185**
Hutchinson	40,901,981						0	**40,901,981**
International Falls	11,948,379						0	**11,948,379**
Inver Grove Heights	64,292,861			776,192	$179,003		955,195	**65,248,056**
Isanti	10,111,126	38,069					38,069	**10,149,195**
Jordan	11,727,965	44,157					44,157	**11,772,122**
Kasson	10,928,760			44,906	35,640		80,546	**11,009,306**
La Crescent	8,685,763			25,000	8,624		33,624	**8,719,387**
Lake City	12,624,085	47,530		7,000			54,530	**12,678,615**
Lake Elmo	30,705,563			129,071			129,071	**30,834,634**
Lakeville	128,129,328	482,415		985,479	118,042		1,585,936	**129,715,264**
Lino Lakes	40,283,756	151,671		360,549			512,220	**40,795,976**
Litchfield	15,364,385						0	**15,364,385**
Little Canada	19,872,077	74,820					74,820	**19,946,897**
Little Falls	35,304,647			1,333,864			1,333,864	**36,638,511**
Mahtomedi	14,641,936						0	**14,641,936**
Mankato	93,987,193	353,868		360,355			714,223	**94,701,416**
Maple Grove	119,681,508			1,810,004			1,810,004	**121,491,512**
Maplewood	70,253,992	264,511		5,224,777			5,489,288	**75,743,280**
Marshall	35,819,475	134,863		302,397	514,325		951,585	**36,771,060**
Medina	16,352,042						0	**16,352,042**
Mendota Heights	26,095,270			61,140			61,140	**26,156,410**
Minneapolis	573,953,550			181,087			181,087	**574,134,637**
Minnetonka	98,048,619				37,913		37,913	**98,086,532**
Minnetrista	19,988,842			145,293			145,293	**20,134,135**

Municipality	Restricted (Phase in) Needs for Jan. 2019 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	$14,420,656	$54,295		$13,949			$68,244	**$14,488,900**
Monticello	23,315,681	87,785					87,785	**23,403,466**
Moorhead	124,941,118			4,365,026	$359,937	$625,785	5,350,748	**130,291,866**
Morris	15,087,111						0	**15,087,111**
Mound	14,934,614	56,230					56,230	**14,990,844**
Mounds View	17,581,008	66,194			13,419		79,613	**17,660,621**
New Brighton	25,066,582	94,377		111,812			206,189	**25,272,771**
New Hope	26,128,116	98,374			32,400		130,774	**26,258,890**
New Prague	11,991,188	45,148		6,287			51,435	**12,042,623**
New Ulm	32,998,837	124,243				18,433	142,676	**33,141,513**
North Branch	43,538,113	(2,316,960)		38,362			(2,278,598)	**41,259,515**
North Mankato	31,863,396	119,968		64,226			184,194	**32,047,590**
North St. Paul	19,177,374	(1,581,822)		448,302			(1,133,520)	**18,043,854**
Northfield	31,135,705	117,228					117,228	**31,252,933**
Oak Grove	37,478,824	141,110		617,395			758,505	**38,237,329**
Oakdale	32,391,484				20,658		20,658	**32,412,142**
Orono	17,654,211						0	**17,654,211**
Otsego	36,939,100			518,832			518,832	**37,457,932**
Owatonna	68,486,603	257,857		115,937			373,794	**68,860,397**
Plymouth	144,513,482	544,103		2,470,008	64,144		3,078,255	**147,591,737**
Prior Lake	36,103,302			423,049			423,049	**36,526,351**
Ramsey	56,667,219			207,749			207,749	**56,874,968**
Red Wing	48,023,508	180,812		316,835	539,025		1,036,672	**49,060,180**
Redwood Falls	16,450,235	61,936		383,850			445,786	**16,896,021**
Richfield	53,581,691	201,739		9,038,239			9,239,978	**62,821,669**
Robbinsdale	19,245,273						0	**19,245,273**
Rochester	275,020,160			2,571,811			2,571,811	**277,591,971**
Rogers	40,276,532						0	**40,276,532**
Rosemount	49,152,954			389,000			389,000	**49,541,954**
Roseville	55,367,989	208,464			107,381		315,845	**55,683,834**
Sartell	38,689,006	145,667		1,478,294	6,000		1,629,961	**40,318,967**
Sauk Rapids	32,452,848	122,187		407,639			529,826	**32,982,674**
Savage	50,142,811	188,791		400,000			588,791	**50,731,602**
Shakopee	74,473,858	280,399					280,399	**74,754,257**
Shoreview	34,447,164	129,696		9,300			138,996	**34,586,160**
Shorewood	16,168,738			173,214			173,214	**16,341,952**
South St. Paul	30,842,481						0	**30,842,481**
Spring Lake Park	10,123,128	38,114					38,114	**10,161,242**
St. Anthony	12,916,389	48,631					48,631	**12,965,020**
St. Cloud	148,785,942	560,189		1,918,133			2,478,321	**151,264,263**
St. Francis	24,003,384	(1,559,632)		14,990			(1,544,642)	**22,458,742**
St. Joseph	5,189,688			197,142			197,142	**5,386,830**
St. Louis Park	77,313,274	291,089					291,089	**77,604,363**
St. Michael	45,255,705	170,391					170,391	**45,426,095**
St. Paul	452,733,075			14,534,432	51,542		14,585,974	**467,319,049**
St. Paul Park	11,454,200			65,293			65,293	**11,519,493**

Municipality	Restricted (Phase in) Needs for Jan. 2019 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	$26,642,528	$100,311		$1,019,684			$1,119,995	**$27,762,523**
Stewartville	6,984,192	26,296					26,296	**7,010,488**
Stillwater	34,640,606						0	**34,640,606**
Thief River Falls	38,143,652	143,613	$378,684	439,427	$296,422		1,258,146	**39,401,798**
Vadnais Heights	16,212,510			17,096			17,096	**16,229,606**
Victoria	13,049,209						0	**13,049,209**
Virginia	31,369,862						0	**31,369,862**
Waconia	26,328,094						0	**26,328,094**
Waite Park	14,566,351			1,054,220			1,054,220	**15,620,571**
Waseca	13,163,927			213,261			213,261	**13,377,188**
West St. Paul	25,719,413	96,835			$125,918		222,753	**25,942,166**
White Bear Lake	37,185,841	140,007					140,007	**37,325,848**
Willmar	59,461,686	223,877					223,877	**59,685,563**
Winona	48,124,180	181,191		500			181,691	**48,305,871**
Woodbury	127,815,424	481,233		942,597			1,423,830	**129,239,254**
Worthington	21,364,581						0	**21,364,581**
Wyoming	25,880,375	97,441					97,441	**25,977,816**
Zimmerman	8,754,105	32,960					32,960	**8,787,065**
State Total	**$7,601,443,152**	**($0)**	**$378,684**	**$90,465,040**	**$4,045,465**	**$1,706,696**	**$96,595,885**	**$7,698,039,037**

State Aid for Local Transportation
395 John Ireland Blvd., MS 500
St. Paul, MN 55155

October 24, 2018

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

Dear Commissioner Zelle:

We, the undersigned, as members of the 2018 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 2019 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Glenn Olson Marshall Chair	John Gorder Eagan Vice Chair	Justin Femrite Elk River Secretary
Matt Wegwerth Grand Rapids District 1	Rich Clauson Crookston District 2	Adam Nafstad Albertville District 3
Jeff Kuhn Morris District 4	Steve Lillehaug Shakopee Metro West	Jay Owens Red Wing District 6
Chris Cavett New Prague District 7	Andy Kehren Redwood Falls District 8	Brian Erickson Rosemount Metro East

Cindy Voigt Duluth	Don Elwood Minneapolis	Paul Kurtz Saint Paul	Dillon Dombrovski Rochester

An equal opportunity employer

2018 ADJUSTED RESTRICTED CONSTRUCTION NEEDS RECOMMENDATIONS

for the 2019 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	$47,784,967	Edina	$95,418,559
Albertville	13,114,360	Elk River	76,844,942
Alexandria	63,689,970	Fairmont	38,570,851
Andover	66,456,412	Falcon Heights	5,494,509
Anoka	32,227,777	Faribault	52,637,302
Apple Valley	79,710,324	Farmington	29,919,175
Arden Hills	12,010,126	Fergus Falls	59,285,169
Austin	64,107,972	Forest Lake	58,456,993
Baxter	34,994,437	Fridley	40,192,922
Belle Plaine	17,291,696	Glencoe	14,153,517
Bemidji	37,091,538	Golden Valley	44,011,145
Big Lake	17,858,709	Grand Rapids	54,835,806
Blaine	101,063,788	Ham Lake	48,039,600
Bloomington	185,705,891	Hastings	33,815,533
Brainerd	40,689,092	Hermantown	34,499,030
Brooklyn Center	37,816,837	Hibbing	84,425,943
Brooklyn Park	111,487,182	Hopkins	22,388,664
Buffalo	33,986,170	Hugo	33,363,185
Burnsville	101,364,355	Hutchinson	40,901,981
Byron	10,884,555	International Falls	11,948,379
Cambridge	30,397,952	Inver Grove Heights	65,248,056
Champlin	39,555,663	Isanti	10,149,195
Chanhassen	46,199,922	Jordan	11,772,122
Chaska	40,346,955	Kasson	11,009,306
Chisago City	12,604,162	La Crescent	8,719,387
Chisholm	13,582,943	Lake City	12,678,615
Circle Pines	5,841,566	Lake Elmo	30,834,634
Cloquet	38,284,535	Lakeville	129,715,264
Columbia Heights	22,281,061	Lino Lakes	40,795,976
Coon Rapids	100,488,326	Litchfield	15,364,385
Corcoran	16,079,012	Little Canada	19,946,897
Cottage Grove	67,458,303	Little Falls	36,638,511
Crookston	28,680,216	Mahtomedi	14,641,936
Crystal	29,760,480	Mankato	94,701,416
Dayton	14,660,375	Maple Grove	121,491,512
Delano	12,795,209	Maplewood	75,743,280
Detroit Lakes	44,650,579	Marshall	36,771,060
Duluth	268,000,403	Medina	16,352,042
Eagan	111,449,660	Mendota Heights	26,156,410
East Bethel	40,477,856	Minneapolis	574,134,637
East Grand Forks	37,135,705	Minnetonka	98,086,532
Eden Prairie	109,627,184	Minnetrista	20,134,135

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Montevideo	$14,488,900	Savage	$50,731,602
Monticello	23,403,466	Shakopee	74,754,257
Moorhead	130,291,866	Shoreview	34,586,160
Morris	15,087,111	Shorewood	16,341,952
Mound	14,990,844	South St. Paul	30,842,481
Mounds View	17,660,621	Spring Lake Park	10,161,242
New Brighton	25,272,771	St. Anthony	12,965,020
New Hope	26,258,890	St. Cloud	151,264,263
New Prague	12,042,623	St. Francis	22,458,742
New Ulm	33,141,513	St. Joseph	5,386,830
North Branch	41,259,515	St. Louis Park	77,604,363
North Mankato	32,047,590	St. Michael	45,426,095
North St. Paul	18,043,854	St. Paul	467,319,049
Northfield	31,252,933	St. Paul Park	11,519,493
Oak Grove	38,237,329	St. Peter	27,762,523
Oakdale	32,412,142	Stewartville	7,010,488
Orono	17,654,211	Stillwater	34,640,606
Otsego	37,457,932	Thief River Falls	39,401,798
Owatonna	68,860,397	Vadnais Heights	16,229,606
Plymouth	147,591,737	Victoria	13,049,209
Prior Lake	36,526,351	Virginia	31,369,862
Ramsey	56,874,968	Waconia	26,328,094
Red Wing	49,060,180	Waite Park	15,620,571
Redwood Falls	16,896,021	Waseca	13,377,188
Richfield	62,821,669	West St. Paul	25,942,166
Robbinsdale	19,245,273	White Bear Lake	37,325,848
Rochester	277,591,971	Willmar	59,685,563
Rogers	40,276,532	Winona	48,305,871
Rosemount	49,541,954	Woodbury	129,239,254
Roseville	55,683,834	Worthington	21,364,581
Sartell	40,318,967	Wyoming	25,977,816
Sauk Rapids	32,982,674	Zimmerman	8,787,065
		State Total	**$7,698,039,037**

TENTATIVE 2019 CONSTRUCTION NEEDS ALLOCATIONS

Needs Value: $1,000 in Construction Needs = approximately **$12.49** in apportionment

The following table shows each municipality's *Tentative* Money Needs Allocation based on a projected apportionment amount of $96,145,274. The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January 2019. This summary provides data and shows the impact of the Restriction and Adjustments to each municipality for the Board's use in establishing the Money Needs Apportionment Determination.

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2019 Construction Needs Allocations	% Of Total Dist.
Albert Lea	$47,784,967	$596,802		**$596,802**	0.621
Albertville	13,114,360	163,789		**163,789**	0.170
Alexandria	63,689,970	795,444		**795,444**	0.827
Andover	66,456,412	829,995		**829,995**	0.863
Anoka	32,227,777	402,503		**402,503**	0.419
Apple Valley	79,710,324	995,528		**995,528**	1.035
Arden Hills	12,010,126	149,998		**149,998**	0.156
Austin	64,107,972	800,665		**800,665**	0.833
Baxter	34,994,437	437,057		**437,057**	0.455
Belle Plaine	17,291,696	215,962		**215,962**	0.225
Bemidji	37,091,538	463,248		**463,248**	0.482
Big Lake	17,858,709	223,043		**223,043**	0.232
Blaine	101,063,788	1,262,218		**1,262,218**	1.313
Bloomington	185,705,891	2,319,340		**2,319,340**	2.412
Brainerd	40,689,092	508,179		**508,179**	0.529
Brooklyn Center	37,816,837	472,307		**472,307**	0.491
Brooklyn Park	111,487,182	1,392,399		**1,392,399**	1.448
Buffalo	33,986,170	424,464		**424,464**	0.441
Burnsville	101,364,355	1,265,972		**1,265,972**	1.317
Byron	10,884,555	135,941		**135,941**	0.141
Cambridge	30,397,952	379,650		**379,650**	0.395
Champlin	39,555,663	494,023		**494,023**	0.514
Chanhassen	46,199,922	577,006		**577,006**	0.600
Chaska	40,346,955	503,906		**503,906**	0.524
Chisago City	12,604,162	157,417		**157,417**	0.164
Chisholm	13,582,943	169,642		**169,642**	0.176
Circle Pines	5,841,566	72,957		**72,957**	0.076
Cloquet	38,284,535	478,148		**478,148**	0.497
Columbia Heights	22,281,061	278,275		**278,275**	0.289
Coon Rapids	100,488,326	1,255,031		**1,255,031**	1.305
Corcoran	16,079,012	200,816		**200,816**	0.209
Cottage Grove	67,458,303	842,508		**842,508**	0.876
Crookston	28,680,216	358,196		**358,196**	0.373
Crystal	29,760,480	371,688		**371,688**	0.387
Dayton	14,660,375	183,098		**183,098**	0.190
Delano	12,795,209	159,803		**159,803**	0.166
Detroit Lakes	44,650,579	557,655		**557,655**	0.580
Duluth	268,000,403	3,347,143		**3,347,143**	3.481
Eagan	111,449,660	1,391,930		**1,391,930**	1.448
East Bethel	40,477,856	505,541		**505,541**	0.526
East Grand Forks	37,135,705	463,800		**463,800**	0.482
Eden Prairie	109,627,184	1,369,169		**1,369,169**	1.424
Edina	95,418,559	1,191,713		**1,191,713**	1.240
Elk River	76,844,942	959,741		**959,741**	0.998
Fairmont	38,570,851	481,724		**481,724**	0.501
Falcon Heights	5,494,509	68,623		**68,623**	0.071
Faribault	52,637,302	657,404		**657,404**	0.684
Farmington	29,919,175	373,670		**373,670**	0.389
Fergus Falls	59,285,169	740,431		**740,431**	0.770
Forest Lake	58,456,993	730,088		**730,088**	0.759

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2019 Construction Needs Allocations	% Of Total Dist.
Fridley	$40,192,922	$501,982		**$501,982**	0.522
Glencoe	14,153,517	176,768		**176,768**	0.184
Golden Valley	44,011,145	549,669		**549,669**	0.572
Grand Rapids	54,835,806	684,862		**684,862**	0.712
Ham Lake	48,039,600	599,982		**599,982**	0.624
Hastings	33,815,533	422,333		**422,333**	0.439
Hermantown	34,499,030	430,869		**430,869**	0.448
Hibbing	84,425,943	1,054,423		**1,054,423**	1.097
Hopkins	22,388,664	279,619		**279,619**	0.291
Hugo	33,363,185	416,684		**416,684**	0.433
Hutchinson	40,901,981	510,838		**510,838**	0.531
International Falls	11,948,379	149,227		**149,227**	0.155
Inver Grove Heights	65,248,056	814,904		**814,904**	0.848
Isanti	10,149,195	126,757		**126,757**	0.132
Jordan	11,772,122	147,026		**147,026**	0.153
Kasson	11,009,306	137,499		**137,499**	0.143
La Crescent	8,719,387	108,899		**108,899**	0.113
Lake City	12,678,615	158,347		**158,347**	0.165
Lake Elmo	30,834,634	385,104		**385,104**	0.401
Lakeville	129,715,264	1,620,055		**1,620,055**	1.685
Lino Lakes	40,795,976	509,514		**509,514**	0.530
Litchfield	15,364,385	191,891		**191,891**	0.200
Little Canada	19,946,897	249,123		**249,123**	0.259
Little Falls	36,638,511	457,590		**457,590**	0.476
Mahtomedi	14,641,936	182,868		**182,868**	0.190
Mankato	94,701,416	1,182,756		**1,182,756**	1.230
Maple Grove	121,491,512	1,517,346		**1,517,346**	1.578
Maplewood	75,743,280	945,982		**945,982**	0.984
Marshall	36,771,060	459,246		**459,246**	0.478
Medina	16,352,042	204,226		**204,226**	0.212
Mendota Heights	26,156,410	326,676		**326,676**	0.340
Minneapolis	574,134,637	7,170,551		**7,170,551**	7.458
Minnetonka	98,086,532	1,225,034		**1,225,034**	1.274
Minnetrista	20,134,135	251,462		**251,462**	0.262
Montevideo	14,488,900	180,957		**180,957**	0.188
Monticello	23,403,466	292,293		**292,293**	0.304
Moorhead	130,291,866	1,627,257		**1,627,257**	1.693
Morris	15,087,111	188,428		**188,428**	0.196
Mound	14,990,844	187,225		**187,225**	0.195
Mounds View	17,660,621	220,569		**220,569**	0.229
New Brighton	25,272,771	315,640		**315,640**	0.328
New Hope	26,258,890	327,956		**327,956**	0.341
New Prague	12,042,623	150,404		**150,404**	0.156
New Ulm	33,141,513	413,915		**413,915**	0.431
North Branch	41,259,515	515,303		**515,303**	0.536
North Mankato	32,047,590	400,253		**400,253**	0.416
North St. Paul	18,043,854	225,355		**225,355**	0.234
Northfield	31,252,933	390,328		**390,328**	0.406
Oak Grove	38,237,329	477,558		**477,558**	0.497
Oakdale	32,412,142	404,806		**404,806**	0.421
Orono	17,654,211	220,489		**220,489**	0.229
Otsego	37,457,932	467,824		**467,824**	0.487
Owatonna	68,860,397	860,020		**860,020**	0.895
Plymouth	147,591,737	1,843,320		**1,843,320**	1.917
Prior Lake	36,526,351	456,189		**456,189**	0.474
Ramsey	56,874,968	710,330		**710,330**	0.739
Red Wing	49,060,180	612,728		**612,728**	0.637
Redwood Falls	16,896,021	211,020		**211,020**	0.219

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2019 Construction Needs Allocations	% Of Total Dist.
Richfield	$62,821,669	$784,600		**$784,600**	0.816
Robbinsdale	19,245,273	240,360		**240,360**	0.250
Rochester	277,591,971	3,466,935		**3,466,935**	3.606
Rogers	40,276,532	503,027		**503,027**	0.523
Rosemount	49,541,954	618,745		**618,745**	0.644
Roseville	55,683,834	695,453		**695,453**	0.723
Sartell	40,318,967	503,556		**503,556**	0.524
Sauk Rapids	32,982,674	411,931		**411,931**	0.428
Savage	50,731,602	633,603		**633,603**	0.659
Shakopee	74,754,257	933,630		**933,630**	0.971
Shoreview	34,586,160	431,958		**431,958**	0.449
Shorewood	16,341,952	204,100		**204,100**	0.212
South St. Paul	30,842,481	385,202		**385,202**	0.401
Spring Lake Park	10,161,242	126,907		**126,907**	0.132
St. Anthony	12,965,020	161,924		**161,924**	0.168
St. Cloud	151,264,263	1,889,188		**1,889,188**	1.965
St. Francis	22,458,742	280,494		**280,494**	0.292
St. Joseph	5,386,830	67,278		**67,278**	0.070
St. Louis Park	77,604,363	969,226		**969,226**	1.008
St. Michael	45,426,095	567,341		**567,341**	0.590
St. Paul	467,319,049	5,836,497		**5,836,497**	6.071
St. Paul Park	11,519,493	143,871		**143,871**	0.150
St. Peter	27,762,523	346,735		**346,735**	0.361
Stewartville	7,010,488	87,556		**87,556**	0.091
Stillwater	34,640,606	432,638		**432,638**	0.450
Thief River Falls	39,401,798	492,102		**492,102**	0.512
Vadnais Heights	16,229,606	202,697		**202,697**	0.211
Victoria	13,049,209	162,976		**162,976**	0.170
Virginia	31,369,862	391,788		**391,788**	0.408
Waconia	26,328,094	328,820		**328,820**	0.342
Waite Park	15,620,571	195,090		**195,090**	0.203
Waseca	13,377,188	167,072		**167,072**	0.174
West St. Paul	25,942,166	324,000		**324,000**	0.337
White Bear Lake	37,325,848	466,174		**466,174**	0.485
Willmar	59,685,563	745,432		**745,432**	0.775
Winona	48,305,871	603,307		**603,307**	0.628
Woodbury	129,239,254	1,614,111		**1,614,111**	1.679
Worthington	21,364,581	266,830		**266,830**	0.278
Wyoming	25,977,816	324,446		**324,446**	0.337
Zimmerman	8,787,065	109,745		**109,745**	0.114
State Total	**$7,698,039,037**	**$96,143,274**	**$0**	**$96,143,274**	**100.0000**

Total Money Needs Apportionment = $96,143,274
Total Construction Needs = $7,698,039,037
Prorate based on $96,143,274 / $7,698,039,037 = 0.01248932

Construction Needs Allocation = 0.01248932 x Adjusted Restricted Construction Needs + THTB Maintenance Allowance

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were $7,583,820,217

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COMPARISON OF 2018 to 2019
CONSTRUCTION NEEDS ALLOCATIONS

Municipality	2018 Construction Needs Allocations	2019 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Albert Lea	$593,756	$596,802	**$3,046**	0.5
Albertville	172,286	163,789	**(8,497)**	(4.9)
Alexandria	794,621	795,444	**823**	0.1
Andover	826,549	829,995	**3,446**	0.4
Anoka	385,345	402,503	**17,158**	4.5
Apple Valley	1,003,204	995,528	**(7,676)**	(0.8)
Arden Hills	148,843	149,998	**1,155**	0.8
Austin	807,280	800,665	**(6,615)**	(0.8)
Baxter	406,124	437,057	**30,933**	7.6
Belle Plaine	216,315	215,962	**(353)**	(0.2)
Bemidji	471,607	463,248	**(8,359)**	(1.8)
Big Lake	221,492	223,043	**1,551**	0.7
Blaine	1,156,826	1,262,218	**105,392**	9.1
Bloomington	2,339,043	2,319,340	**(19,703)**	(0.8)
Brainerd	504,426	508,179	**3,753**	0.7
Brooklyn Center	428,732	472,307	**43,575**	10.2
Brooklyn Park	1,263,981	1,392,399	**128,418**	10.2
Buffalo	435,979	424,464	**(11,515)**	(2.6)
Burnsville	1,271,141	1,265,972	**(5,169)**	(0.4)
Byron	123,756	135,941	**12,185**	9.8
Cambridge	344,975	379,650	**34,675**	10.1
Champlin	495,350	494,023	**(1,327)**	(0.3)
Chanhassen	582,420	577,006	**(5,414)**	(0.9)
Chaska	509,266	503,906	**(5,360)**	(1.1)
Chisago City	165,106	157,417	**(7,689)**	(4.7)
Chisholm	176,907	169,642	**(7,265)**	(4.1)
Circle Pines	72,674	72,957	**283**	0.4
Cloquet	476,162	478,148	**1,986**	0.4
Columbia Heights	291,866	278,275	**(13,591)**	(4.7)
Coon Rapids	1,232,671	1,255,031	**22,360**	1.8
Corcoran	234,778	200,816	**(33,962)**	(14.5)
Cottage Grove	846,917	842,508	**(4,409)**	(0.5)
Crookston	376,778	358,196	**(18,582)**	(4.9)
Crystal	367,071	371,688	**4,617**	1.3
Dayton	177,699	183,098	**5,399**	3.0
Delano	167,244	159,803	**(7,441)**	(4.4)
Detroit Lakes	556,261	557,655	**1,394**	0.3
Duluth	3,505,816	3,347,143	**(158,673)**	(4.5)
Eagan	1,427,567	1,391,930	**(35,637)**	(2.5)
East Bethel	521,367	505,541	**(15,826)**	(3.0)
East Grand Forks	466,014	463,800	**(2,214)**	(0.5)
Eden Prairie	1,373,718	1,369,169	**(4,549)**	(0.3)
Edina	1,191,238	1,191,713	**475**	0.0
Elk River	964,446	959,741	**(4,705)**	(0.5)
Fairmont	483,463	481,724	**(1,739)**	(0.4)
Falcon Heights	68,441	68,623	**182**	0.3
Faribault	662,856	657,404	**(5,452)**	(0.8)
Farmington	369,911	373,670	**3,759**	1.0

Municipality	2018 Construction Needs Allocations	2019 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Fergus Falls	$739,618	$740,431	**$813**	0.1
Forest Lake	765,743	730,088	**(35,655)**	(4.7)
Fridley	502,379	501,982	**(397)**	(0.1)
Glencoe	171,927	176,768	**4,841**	2.8
Golden Valley	588,911	549,669	**(39,242)**	(6.7)
Grand Rapids	716,506	684,862	**(31,644)**	(4.4)
Ham Lake	586,729	599,982	**13,253**	2.3
Hastings	384,812	422,333	**37,521**	9.8
Hermantown	427,730	430,869	**3,139**	0.7
Hibbing	1,049,561	1,054,423	**4,862**	0.5
Hopkins	279,539	279,619	**80**	0.0
Hugo	413,778	416,684	**2,906**	0.7
Hutchinson	507,694	510,838	**3,144**	0.6
International Falls	147,828	149,227	**1,399**	0.9
Inver Grove Heights	816,665	814,904	**(1,761)**	(0.2)
Isanti	125,680	126,757	**1,077**	0.9
Jordan	145,450	147,026	**1,576**	1.1
Kasson	130,985	137,499	**6,514**	5.0
La Crescent	114,533	108,899	**(5,634)**	(4.9)
Lake City	157,182	158,347	**1,165**	0.7
Lake Elmo	363,316	385,104	**21,788**	6.0
Lakeville	1,618,486	1,620,055	**1,569**	0.1
Lino Lakes	534,247	509,514	**(24,733)**	(4.6)
Litchfield	201,845	191,891	**(9,954)**	(4.9)
Little Canada	248,282	249,123	**841**	0.3
Little Falls	454,130	457,590	**3,460**	0.8
Mahtomedi	166,477	182,868	**16,391**	9.8
Mankato	1,172,227	1,182,756	**10,529**	0.9
Maple Grove	1,511,403	1,517,346	**5,943**	0.4
Maplewood	945,606	945,982	**376**	0.0
Marshall	458,496	459,246	**750**	0.2
Medina	186,082	204,226	**18,144**	9.8
Mendota Heights	326,515	326,676	**161**	0.0
Minneapolis	7,213,277	7,170,551	**(42,726)**	(0.6)
Minnetonka	1,227,544	1,225,034	**(2,510)**	(0.2)
Minnetrista	264,440	251,462	**(12,978)**	(4.9)
Montevideo	179,753	180,957	**1,204**	0.7
Monticello	292,417	292,293	**(124)**	(0.0)
Moorhead	1,597,600	1,627,257	**29,657**	1.9
Morris	188,021	188,428	**407**	0.2
Mound	196,370	187,225	**(9,145)**	(4.7)
Mounds View	219,108	220,569	**1,461**	0.7
New Brighton	316,844	315,640	**(1,204)**	(0.4)
New Hope	327,805	327,956	**151**	0.0
New Prague	143,690	150,404	**6,714**	4.7
New Ulm	433,747	413,915	**(19,832)**	(4.6)
North Branch	572,456	515,303	**(57,153)**	(10.0)
North Mankato	401,426	400,253	**(1,173)**	(0.3)
North Saint Paul	254,603	225,355	**(29,248)**	(11.5)
Northfield	389,684	390,328	**644**	0.2
Oak Grove	470,037	477,558	**7,521**	1.6
Oakdale	368,549	404,806	**36,257**	9.8
Orono	220,777	220,489	**(288)**	(0.1)

Municipality	2018 Construction Needs Allocations	2019 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Otsego	$481,141	$467,824	**($13,317)**	(2.8)
Owatonna	861,187	860,020	**(1,167)**	(0.1)
Plymouth	1,816,137	1,843,320	**27,183**	1.5
Prior Lake	448,579	456,189	**7,610**	1.7
Ramsey	710,053	710,330	**277**	0.0
Red Wing	618,745	612,728	**(6,017)**	(1.0)
Redwood Falls	202,146	211,020	**8,874**	4.4
Richfield	787,230	784,600	**(2,630)**	(0.3)
Robbinsdale	239,541	240,360	**819**	0.3
Rochester	3,473,074	3,466,935	**(6,139)**	(0.2)
Rogers	496,422	503,027	**6,605**	1.3
Rosemount	620,073	618,745	**(1,328)**	(0.2)
Roseville	665,061	695,453	**30,392**	4.6
Sartell	470,933	503,556	**32,623**	6.9
Sauk Rapids	409,780	411,931	**2,151**	0.5
Savage	633,185	633,603	**418**	0.1
Shakopee	913,599	933,630	**20,031**	2.2
Shoreview	429,550	431,958	**2,408**	0.6
Shorewood	204,328	204,100	**(228)**	(0.1)
South Saint Paul	384,995	385,202	**207**	0.1
Spring Lake Park	115,199	126,907	**11,708**	10.2
Saint Anthony	162,481	161,924	**(557)**	(0.3)
Saint Cloud	1,917,392	1,889,188	**(28,204)**	(1.5)
Saint Francis	315,528	280,494	**(35,034)**	(11.1)
Saint Joseph	59,006	67,278	**8,272**	14.0
Saint Louis Park	970,583	969,226	**(1,357)**	(0.1)
Saint Michael	595,050	567,341	**(27,709)**	(4.7)
Saint Paul	5,902,221	5,836,497	**(65,724)**	(1.1)
Saint Paul Park	144,733	143,871	**(862)**	(0.6)
Saint Peter	363,240	346,735	**(16,505)**	(4.5)
Stewartville	86,854	87,556	**702**	0.8
Stillwater	419,191	432,638	**13,447**	3.2
Thief River Falls	515,666	492,102	**(23,564)**	(4.6)
Vadnais Heights	202,773	202,697	**(76)**	(0.0)
Victoria	148,368	162,976	**14,608**	9.8
Virginia	392,896	391,788	**(1,108)**	(0.3)
Waconia	299,607	328,820	**29,213**	9.8
Waite Park	179,126	195,090	**15,964**	8.9
Waseca	166,756	167,072	**316**	0.2
West St. Paul	321,449	324,000	**2,551**	0.8
White Bear Lake	440,789	466,174	**25,385**	5.8
Willmar	738,251	745,432	**7,181**	1.0
Winona	607,436	603,307	**(4,129)**	(0.7)
Woodbury	1,597,811	1,614,111	**16,300**	1.0
Worthington	267,516	266,830	**(686)**	(0.3)
Wyoming	316,372	324,446	**8,074**	2.6
Zimmerman	112,423	109,745	**(2,678)**	(2.4)
TOTAL	**$96,143,274**	**$96,143,274**	**$0**	**0.000**

82 Cities Increased Their Constuction Needs Allocation
66 Cities Decreased Their Constuction Needs Allocation

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TENTATIVE 2019 MSAS TOTAL ALLOCATIONS

For informational purposes only. The actual revenue will be announced
in January 2019 when the Commissioner of Transportation determines the annual allotments.

Municipality	2019 Population Allocations	2019 Construction Needs Allocations	2019 Total Allocations	Distribution Percentage
Albert Lea	$437,904	$596,802	**$1,034,706**	0.5381
Albertville	179,999	163,789	**343,788**	0.1788
Alexandria	332,046	795,444	**1,127,490**	0.5864
Andover	788,528	829,995	**1,618,523**	0.8417
Anoka	442,105	402,503	**844,608**	0.4392
Apple Valley	1,271,577	995,528	**2,267,105**	1.1790
Arden Hills	242,095	149,998	**392,093**	0.2039
Austin	616,203	800,665	**1,416,868**	0.7369
Baxter	203,021	437,057	**640,078**	0.3329
Belle Plaine	173,491	215,962	**389,453**	0.2025
Bemidji	377,605	463,248	**840,853**	0.4373
Big Lake	271,359	223,043	**494,402**	0.2571
Blaine	1,587,474	1,262,218	**2,849,692**	1.4820
Bloomington	2,158,556	2,319,340	**4,477,896**	2.3288
Brainerd	333,163	508,179	**841,342**	0.4375
Brooklyn Center	756,351	472,307	**1,228,658**	0.6390
Brooklyn Park	1,963,816	1,392,399	**3,356,215**	1.7454
Buffalo	394,555	424,464	**819,019**	0.4259
Burnsville	1,511,463	1,265,972	**2,777,435**	1.4444
Byron	137,064	135,941	**273,005**	0.1420
Cambridge	215,358	379,650	**595,008**	0.3094
Champlin	575,307	494,023	**1,069,330**	0.5561
Chanhassen	630,312	577,006	**1,207,318**	0.6279
Chaska	654,257	503,906	**1,158,163**	0.6023
Chisago City	129,559	157,417	**286,976**	0.1492
Chisholm	121,424	169,642	**291,066**	0.1514
Circle Pines	121,983	72,957	**194,940**	0.1014
Cloquet	297,465	478,148	**775,613**	0.4034
Columbia Heights	489,412	278,275	**767,687**	0.3992
Coon Rapids	1,536,549	1,255,031	**2,791,580**	1.4518
Corcoran	135,801	200,816	**336,617**	0.1751
Cottage Grove	883,943	842,508	**1,726,451**	0.8979
Crookston	194,424	358,196	**552,620**	0.2874
Crystal	556,827	371,688	**928,515**	0.4829
Dayton	133,105	183,098	**316,203**	0.1644
Delano	147,117	159,803	**306,920**	0.1596
Detroit Lakes	228,496	557,655	**786,151**	0.4088
Duluth	2,113,993	3,347,143	**5,461,136**	2.8401
Eagan	1,663,219	1,391,930	**3,055,149**	1.5889
East Bethel	293,215	505,541	**798,756**	0.4154
East Grand Forks	215,552	463,800	**679,352**	0.3533
Eden Prairie	1,547,574	1,369,169	**2,916,743**	1.5169
Edina	1,274,880	1,191,713	**2,466,593**	1.2828
Elk River	596,605	959,741	**1,556,346**	0.8094
Fairmont	259,022	481,724	**740,746**	0.3852

Municipality	2019 Population Allocations	2019 Construction Needs Allocations	2019 Total Allocations	Distribution Percentage
Falcon Heights	$132,012	$68,623	**$200,635**	0.1043
Faribault	577,226	657,404	**1,234,630**	0.6421
Farmington	544,490	373,670	**918,160**	0.4775
Fergus Falls	334,013	740,431	**1,074,444**	0.5588
Forest Lake	497,766	730,088	**1,227,854**	0.6386
Fridley	696,173	501,982	**1,198,155**	0.6231
Glencoe	136,748	176,768	**313,516**	0.1630
Golden Valley	525,669	549,669	**1,075,338**	0.5592
Grand Rapids	276,580	684,862	**961,442**	0.5000
Ham Lake	392,273	599,982	**992,255**	0.5160
Hastings	549,808	422,333	**972,141**	0.5056
Hermantown	231,653	430,869	**662,522**	0.3445
Hibbing	397,324	1,054,423	**1,451,747**	0.7550
Hopkins	463,330	279,619	**742,949**	0.3864
Hugo	368,109	416,684	**784,793**	0.4081
Hutchinson	344,553	510,838	**855,391**	0.4449
International Falls	156,006	149,227	**305,233**	0.1587
Inver Grove Heights	852,543	814,904	**1,667,447**	0.8672
Isanti	140,512	126,757	**267,269**	0.1390
Jordan	148,283	147,026	**295,309**	0.1536
Kasson	155,763	137,499	**293,262**	0.1525
La Crescent	125,722	108,899	**234,621**	0.1220
Lake City	124,557	158,347	**282,904**	0.1471
Lake Elmo	230,244	385,104	**615,348**	0.3200
Lakeville	1,505,489	1,620,055	**3,125,544**	1.6255
Lino Lakes	512,822	509,514	**1,022,336**	0.5317
Litchfield	163,583	191,891	**355,474**	0.1849
Little Canada	245,762	249,123	**494,885**	0.2574
Little Falls	217,106	457,590	**674,696**	0.3509
Mahtomedi	196,343	182,868	**379,211**	0.1972
Mankato	1,044,004	1,182,756	**2,226,760**	1.1580
Maple Grove	1,622,566	1,517,346	**3,139,912**	1.6329
Maplewood	973,433	945,982	**1,919,415**	0.9982
Marshall	336,588	459,246	**795,834**	0.4139
Medina	153,844	204,226	**358,070**	0.1862
Mendota Heights	275,681	326,676	**602,357**	0.3133
Minneapolis	10,296,519	7,170,551	**17,467,070**	9.0839
Minnetonka	1,296,663	1,225,034	**2,521,697**	1.3114
Minnetrista	182,768	251,462	**434,230**	0.2258
Montevideo	130,725	180,957	**311,682**	0.1621
Monticello	329,132	292,293	**621,425**	0.3232
Moorhead	1,054,932	1,627,257	**2,682,189**	1.3949
Morris	133,882	188,428	**322,310**	0.1676
Mound	230,560	187,225	**417,785**	0.2173
Mounds View	323,644	220,569	**544,213**	0.2830
New Brighton	555,515	315,640	**871,155**	0.4531
New Hope	523,216	327,956	**851,172**	0.4427
New Prague	187,600	150,404	**338,004**	0.1758
New Ulm	328,816	413,915	**742,731**	0.3863
North Branch	257,613	515,303	**772,916**	0.4020
North Mankato	337,292	400,253	**737,545**	0.3836
North St. Paul	293,822	225,355	**519,177**	0.2700

Municipality	2019 Population Allocations	2019 Construction Needs Allocations	2019 Total Allocations	Distribution Percentage
Northfield	$495,362	$390,328	**$885,690**	0.4606
Oak Grove	208,412	477,558	**685,970**	0.3567
Oakdale	682,768	404,806	**1,087,574**	0.5656
Orono	191,437	220,489	**411,926**	0.2142
Otsego	403,249	467,824	**871,073**	0.4530
Owatonna	629,511	860,020	**1,489,531**	0.7746
Plymouth	1,867,065	1,843,320	**3,710,385**	1.9296
Prior Lake	624,970	456,189	**1,081,159**	0.5623
Ramsey	642,625	710,330	**1,352,955**	0.7036
Red Wing	402,448	612,728	**1,015,176**	0.5279
Redwood Falls	127,641	211,020	**338,661**	0.1761
Richfield	887,464	784,600	**1,672,064**	0.8696
Robbinsdale	360,872	240,360	**601,232**	0.3127
Rochester	2,812,692	3,466,935	**6,279,627**	3.2658
Rogers	309,704	503,027	**812,731**	0.4227
Rosemount	581,986	618,745	**1,200,731**	0.6244
Roseville	873,938	695,453	**1,569,391**	0.8162
Sartell	440,211	503,556	**943,767**	0.4908
Sauk Rapids	337,170	411,931	**749,101**	0.3896
Savage	745,860	633,603	**1,379,463**	0.7174
Shakopee	1,008,281	933,630	**1,941,911**	1.0099
Shoreview	642,261	431,958	**1,074,219**	0.5587
Shorewood	187,187	204,100	**391,287**	0.2035
South St. Paul	500,219	385,202	**885,421**	0.4605
Spring Lake Park	156,637	126,907	**283,544**	0.1475
St. Anthony	223,420	161,924	**385,344**	0.2004
St. Cloud	1,648,672	1,889,188	**3,537,860**	1.8399
St. Francis	183,132	280,494	**463,626**	0.2411
St. Joseph	172,471	67,278	**239,749**	0.1247
St. Louis Park	1,188,013	969,226	**2,157,239**	1.1219
St. Michael	425,859	567,341	**993,200**	0.5165
St. Paul	7,508,380	5,836,497	**13,344,877**	6.9401
St. Paul Park	135,849	143,871	**279,720**	0.1455
St. Peter	289,766	346,735	**636,501**	0.3310
Stewartville	152,436	87,556	**239,992**	0.1248
Stillwater	479,577	432,638	**912,215**	0.4744
Thief River Falls	216,888	492,102	**708,990**	0.3687
Vadnais Heights	308,514	202,697	**511,211**	0.2659
Victoria	222,740	162,976	**385,716**	0.2006
Virginia	211,569	391,788	**603,357**	0.3138
Waconia	306,790	328,820	**635,610**	0.3306
Waite Park	186,265	195,090	**381,355**	0.1983
Waseca	228,569	167,072	**395,641**	0.2058
West St. Paul	512,045	324,000	**836,045**	0.4348
White Bear Lake	619,554	466,174	**1,085,728**	0.5646
Willmar	485,891	745,432	**1,231,323**	0.6404
Winona	670,601	603,307	**1,273,908**	0.6625
Woodbury	1,685,998	1,614,111	**3,300,109**	1.7162
Worthington	326,145	266,830	**592,975**	0.3084
Wyoming	193,186	324,446	**517,632**	0.2692
Zimmerman	135,922	109,745	**245,667**	0.1278
Total	**$96,143,273**	**$96,143,274**	**$192,286,547**	**100.0000**

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COMPARISON OF THE 2018 AND 2019 TOTAL ALLOCATIONS

Municipality	2018 Total Allocations	2019 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$1,036,612	$1,034,706	($1,906)	(0.2)
Albertville	353,159	343,788	(9,371)	(2.7)
Alexandria	1,127,775	1,127,490	(285)	(0.0)
Andover	1,620,107	1,618,523	(1,584)	(0.1)
Anoka	826,974	844,608	17,634	2.1
Apple Valley	2,263,129	2,267,105	3,976	0.2
Arden Hills	393,426	392,093	(1,333)	(0.3)
Austin	1,423,376	1,416,868	(6,508)	(0.5)
Baxter	610,262	640,078	29,816	4.9
Belle Plaine	385,678	389,453	3,775	1.0
Bemidji	842,654	840,853	(1,801)	(0.2)
Big Lake	489,439	494,402	4,963	1.0
Blaine	2,732,112	2,849,692	117,580	4.3
Bloomington	4,506,056	4,477,896	(28,160)	(0.6)
Brainerd	840,133	841,342	1,209	0.1
Brooklyn Center	1,195,196	1,228,658	33,462	2.8
Brooklyn Park	3,238,366	3,356,215	117,849	3.6
Buffalo	831,568	819,019	(12,549)	(1.5)
Burnsville	2,789,024	2,777,435	(11,589)	(0.4)
Byron	258,687	273,005	14,318	5.5
Cambridge	559,691	595,008	35,317	6.3
Champlin	1,068,228	1,069,330	1,102	0.1
Chanhassen	1,206,959	1,207,318	359	0.0
Chaska	1,158,126	1,158,163	37	0.0
Chisago City	294,490	286,976	(7,514)	(2.6)
Chisholm	299,616	291,066	(8,550)	(2.9)
Circle Pines	195,383	194,940	(443)	(0.2)
Cloquet	778,050	775,613	(2,437)	(0.3)
Columbia Heights	786,579	767,687	(18,892)	(2.4)
Coon Rapids	2,772,077	2,791,580	19,503	0.7
Corcoran	369,709	336,617	(33,092)	(9.0)
Cottage Grove	1,728,923	1,726,451	(2,472)	(0.1)
Crookston	571,762	552,620	(19,142)	(3.3)
Crystal	927,973	928,515	542	0.1
Dayton	304,506	316,203	11,697	3.8
Delano	313,194	306,920	(6,274)	(2.0)
Detroit Lakes	786,463	786,151	(312)	(0.0)
Duluth	5,637,489	5,461,136	(176,353)	(3.1)
Eagan	3,101,879	3,055,149	(46,730)	(1.5)
East Bethel	810,665	798,756	(11,909)	(1.5)
East Grand Forks	683,037	679,352	(3,685)	(0.5)
Eden Prairie	2,923,849	2,916,743	(7,106)	(0.2)
Edina	2,462,599	2,466,593	3,994	0.2
Elk River	1,562,480	1,556,346	(6,134)	(0.4)
Fairmont	745,225	740,746	(4,479)	(0.6)
Falcon Heights	201,408	200,635	(773)	(0.4)
Faribault	1,244,937	1,234,630	(10,307)	(0.8)
Farmington	918,248	918,160	(88)	(0.0)

Municipality	2018 Total Allocations	2019 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	$1,074,662	$1,074,444	($218)	(0.0)
Forest Lake	1,265,021	1,227,854	(37,167)	(2.9)
Fridley	1,205,034	1,198,155	(6,879)	(0.6)
Glencoe	310,122	313,516	3,394	1.1
Golden Valley	1,117,933	1,075,338	(42,595)	(3.8)
Grand Rapids	997,141	961,442	(35,699)	(3.6)
Ham Lake	976,722	992,255	15,533	1.6
Hastings	934,547	972,141	37,594	4.0
Hermantown	661,049	662,522	1,473	0.2
Hibbing	1,451,089	1,451,747	658	0.0
Hopkins	745,832	742,949	(2,883)	(0.4)
Hugo	772,210	784,793	12,583	1.6
Hutchinson	855,696	855,391	(305)	(0.0)
International Falls	305,484	305,233	(251)	(0.1)
Inver Grove Heights	1,675,602	1,667,447	(8,155)	(0.5)
Isanti	263,457	267,269	3,812	1.4
Jordan	297,928	295,309	(2,619)	(0.9)
Kasson	285,549	293,262	7,713	2.7
La Crescent	241,512	234,621	(6,891)	(2.9)
Lake City	283,057	282,904	(153)	(0.1)
Lake Elmo	578,007	615,348	37,341	6.5
Lakeville	3,114,674	3,125,544	10,870	0.3
Lino Lakes	1,044,789	1,022,336	(22,453)	(2.1)
Litchfield	367,158	355,474	(11,684)	(3.2)
Little Canada	496,178	494,885	(1,293)	(0.3)
Little Falls	672,306	674,696	2,390	0.4
Mahtomedi	363,547	379,211	15,664	4.3
Mankato	2,222,688	2,226,760	4,072	0.2
Maple Grove	3,141,000	3,139,912	(1,088)	(0.0)
Maplewood	1,933,240	1,919,415	(13,825)	(0.7)
Marshall	797,148	795,834	(1,314)	(0.2)
Medina	336,548	358,070	21,522	6.4
Mendota Heights	603,420	602,357	(1,063)	(0.2)
Minneapolis	17,519,638	17,467,070	(52,568)	(0.3)
Minnetonka	2,521,901	2,521,697	(204)	(0.0)
Minnetrista	442,073	434,230	(7,843)	(1.8)
Montevideo	311,861	311,682	(179)	(0.1)
Monticello	621,497	621,425	(72)	(0.0)
Moorhead	2,642,613	2,682,189	39,576	1.5
Morris	321,577	322,310	733	0.2
Mound	426,351	417,785	(8,566)	(2.0)
Mounds View	542,102	544,213	2,111	0.4
New Brighton	871,930	871,155	(775)	(0.1)
New Hope	857,907	851,172	(6,735)	(0.8)
New Prague	329,839	338,004	8,165	2.5
New Ulm	766,018	742,731	(23,287)	(3.0)
North Branch	829,384	772,916	(56,468)	(6.8)
North Mankato	740,421	737,545	(2,876)	(0.4)
North St. Paul	550,797	519,177	(31,620)	(5.7)
Northfield	889,232	885,690	(3,542)	(0.4)
Oak Grove	675,206	685,970	10,764	1.6
Oakdale	1,054,172	1,087,574	33,402	3.2
Orono	409,528	411,926	2,398	0.6

Municipality	2018 Total Allocations	2019 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	$874,275	$871,073	($3,202)	(0.4)
Owatonna	1,495,886	1,489,531	(6,355)	(0.4)
Plymouth	3,667,862	3,710,385	42,523	1.2
Prior Lake	1,074,885	1,081,159	6,274	0.6
Ramsey	1,354,299	1,352,955	(1,344)	(0.1)
Red Wing	1,024,788	1,015,176	(9,612)	(0.9)
Redwood Falls	331,137	338,661	7,524	2.3
Richfield	1,679,028	1,672,064	(6,964)	(0.4)
Robbinsdale	600,403	601,232	829	0.1
Rochester	6,254,416	6,279,627	25,211	0.4
Rogers	804,151	812,731	8,580	1.1
Rosemount	1,198,252	1,200,731	2,479	0.2
Roseville	1,544,539	1,569,391	24,852	1.6
Sartell	902,426	943,767	41,341	4.6
Sauk Rapids	744,309	749,101	4,792	0.6
Savage	1,376,432	1,379,463	3,031	0.2
Shakopee	1,911,050	1,941,911	30,861	1.6
Shoreview	1,076,618	1,074,219	(2,399)	(0.2)
Shorewood	388,293	391,287	2,994	0.8
South St. Paul	885,819	885,421	(398)	(0.0)
Spring Lake Park	272,561	283,544	10,983	4.0
St. Anthony	389,100	385,344	(3,756)	(1.0)
St. Cloud	3,570,132	3,537,860	(32,272)	(0.9)
St. Francis	497,137	463,626	(33,511)	(6.7)
St. Joseph	224,393	239,749	15,356	6.8
St. Louis Park	2,171,338	2,157,239	(14,099)	(0.6)
St. Michael	1,016,530	993,200	(23,330)	(2.3)
St. Paul	13,373,763	13,344,877	(28,886)	(0.2)
St. Paul Park	280,179	279,720	(459)	(0.2)
St. Peter	653,005	636,501	(16,504)	(2.5)
Stewartville	240,706	239,992	(714)	(0.3)
Stillwater	902,492	912,215	9,723	1.1
Thief River Falls	732,738	708,990	(23,748)	(3.2)
Vadnais Heights	519,607	511,211	(8,396)	(1.6)
Victoria	367,280	385,716	18,436	5.0
Virginia	606,704	603,357	(3,347)	(0.6)
Waconia	598,182	635,610	37,428	6.3
Waite Park	366,600	381,355	14,755	4.0
Waseca	397,743	395,641	(2,102)	(0.5)
West St. Paul	834,028	836,045	2,017	0.2
White Bear Lake	1,054,358	1,085,728	31,370	3.0
Willmar	1,226,411	1,231,323	4,912	0.4
Winona	1,285,132	1,273,908	(11,224)	(0.9)
Woodbury	3,275,216	3,300,109	24,893	0.8
Worthington	593,627	592,975	(652)	(0.1)
Wyoming	510,399	517,632	7,233	1.4
Zimmerman	246,643	245,667	(976)	(0.4)
Total	**$192,286,547**	**$192,286,547**	**$0**	**0.0**

63 Cities Increased Their Total Allocation
85 Cities Decreased Their Total Allocation

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TENTATIVE 2019 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

Municipality	2018 Total Needs Mileage	2019 Population Allocation Per Need Mile
Minneapolis	207.30	$49,670
Hopkins	9.99	46,379
St. Paul	164.84	45,550
New Hope	12.86	40,686
Falcon Heights	3.29	40,125
Columbia Heights	12.50	39,153
West St. Paul	13.58	37,706
St. Anthony	5.95	37,550
New Brighton	15.27	36,380
St. Louis Park	33.02	35,979
Richfield	24.67	35,973
Robbinsdale	10.05	35,908
Brooklyn Center	21.34	35,443
Oakdale	19.39	35,212
Coon Rapids	44.40	34,607
Apple Valley	37.33	34,063
Circle Pines	3.60	33,884
Eagan	49.24	33,778
Burnsville	44.77	33,761
Vadnais Heights	9.17	33,644
Shoreview	19.69	32,619
Stewartville	4.71	32,364
Brooklyn Park	60.71	32,347
Arden Hills	7.53	32,151
Farmington	16.95	32,123
Eden Prairie	48.54	31,882
Crystal	17.58	31,674
Blaine	50.36	31,523
Chaska	20.80	31,455
Edina	40.85	31,209
Winona	21.89	30,635
Fridley	22.90	30,401
Mounds View	10.86	29,801
Waseca	7.71	29,646

Municipality	2018 Total Needs Mileage	2019 Money Needs Allocation Per Need Mile
St. Paul	164.84	$35,407
Minneapolis	207.30	34,590
Moorhead	49.91	32,604
Richfield	24.67	31,804
Rochester	110.12	31,483
Crookston	11.58	30,932
Bloomington	76.12	30,470
Thief River Falls	16.74	29,397
St. Louis Park	33.02	29,353
Mankato	40.43	29,254
Edina	40.85	29,173
St. Cloud	65.90	28,667
Sauk Rapids	14.37	28,666
Duluth	118.12	28,337
Burnsville	44.77	28,277
Eagan	49.24	28,268
Coon Rapids	44.40	28,266
Eden Prairie	48.54	28,207
Hopkins	9.99	27,990
Fergus Falls	26.66	27,773
Plymouth	66.43	27,748
Winona	21.89	27,561
Woodbury	58.89	27,409
Faribault	24.07	27,312
East Grand Forks	16.99	27,298
St. Anthony	5.95	27,214
Apple Valley	37.33	26,668
Willmar	27.99	26,632
Sartell	18.92	26,615
Austin	30.21	26,503
Brainerd	19.20	26,468
Hutchinson	19.52	26,170
Grand Rapids	26.32	26,021
Maple Grove	58.61	25,889

Municipality	2018 Total Needs Mileage	2019 Total Allocation Per Need Mile
Minneapolis	207.30	$84,260
St. Paul	164.84	80,957
Hopkins	9.99	74,369
Richfield	24.67	67,777
New Hope	12.86	66,188
St. Louis Park	33.02	65,331
St. Anthony	5.95	64,764
Coon Rapids	44.40	62,873
Eagan	49.24	62,046
Burnsville	44.77	62,038
West St. Paul	13.58	61,564
Columbia Heights	12.50	61,415
Falcon Heights	3.29	60,983
Apple Valley	37.33	60,731
Edina	40.85	60,382
Eden Prairie	48.54	60,089
Robbinsdale	10.05	59,824
Bloomington	76.12	58,827
Winona	21.89	58,196
Brooklyn Center	21.34	57,575
New Brighton	15.27	57,050
Rochester	110.12	57,025
Blaine	50.36	56,586
Oakdale	19.39	56,089
Woodbury	58.89	56,039
Plymouth	66.43	55,854
Vadnais Heights	9.17	55,748
Chaska	20.80	55,681
Brooklyn Park	60.71	55,283
Mankato	40.43	55,077
Shoreview	19.69	54,557
Farmington	16.95	54,169
Circle Pines	3.60	54,150
Moorhead	49.91	53,741

Municipality	2018 Total Needs Mileage	2019 Population Allocation Per Need Mile
White Bear Lake	20.94	$29,587
Mound	7.94	29,038
Northfield	17.06	29,036
Prior Lake	21.63	28,894
Champlin	20.07	28,665
South St. Paul	17.46	28,649
Woodbury	58.89	28,630
Bloomington	76.12	28,357
Plymouth	66.43	28,106
Chanhassen	22.76	27,694
Worthington	11.78	27,686
Maple Grove	58.61	27,684
Roseville	31.63	27,630
Anoka	16.04	27,563
Savage	27.27	27,351
Monticello	12.19	27,000
Spring Lake Park	5.82	26,914
Maplewood	36.68	26,539
Shakopee	38.88	25,933
North St. Paul	11.34	25,910
Mankato	40.43	25,823
Albertville	7.01	25,677
Rochester	110.12	25,542
St. Joseph	6.76	25,513
Stillwater	18.87	25,415
Victoria	8.77	25,398
Minnetonka	51.19	25,330
Cottage Grove	35.31	25,034
St. Cloud	65.90	25,018
Inver Grove Heights	34.71	24,562
Hastings	22.61	24,317
Jordan	6.10	24,309
New Prague	7.76	24,175
Faribault	24.07	23,981
Waite Park	7.77	23,972
Delano	6.21	23,690
Big Lake	11.48	23,638
Kasson	6.60	23,600

Municipality	2018 Total Needs Mileage	2019 Money Needs Allocation Per Need Mile
Maplewood	36.68	$25,790
Delano	6.21	25,733
New Hope	12.86	25,502
North Mankato	15.77	25,381
Chanhassen	22.76	25,352
Waite Park	7.77	25,108
Anoka	16.04	25,094
Elk River	38.27	25,078
Blaine	50.36	25,064
Baxter	17.46	25,032
Owatonna	34.64	24,827
Red Wing	24.86	24,647
Buffalo	17.24	24,621
Champlin	20.07	24,615
Albert Lea	24.31	24,550
St. Michael	23.16	24,497
Marshall	18.78	24,454
Bemidji	19.01	24,369
Chaska	20.80	24,226
St. Paul Park	5.94	24,221
Belle Plaine	8.95	24,130
Jordan	6.10	24,103
Shakopee	38.88	24,013
Monticello	12.19	23,978
Virginia	16.36	23,948
Fairmont	20.12	23,943
Minnetonka	51.19	23,931
Robbinsdale	10.05	23,916
Alexandria	33.28	23,902
Cottage Grove	35.31	23,860
West St. Paul	13.58	23,859
Lakeville	68.33	23,709
Mound	7.94	23,580
St. Peter	14.74	23,523
Inver Grove Heights	34.71	23,477
Albertville	7.01	23,365
Orono	9.45	23,332
Savage	27.27	23,234

Municipality	2018 Total Needs Mileage	2019 Total Allocation Per Need Mile
St. Cloud	65.90	$53,685
Maple Grove	58.61	53,573
Champlin	20.07	53,280
Chanhassen	22.76	53,046
Crystal	17.58	52,817
Anoka	16.04	52,656
Mound	7.94	52,618
Maplewood	36.68	52,329
Fridley	22.90	52,321
Sauk Rapids	14.37	52,130
Arden Hills	7.53	52,071
Northfield	17.06	51,916
White Bear Lake	20.94	51,849
Waseca	7.71	51,315
Faribault	24.07	51,293
Monticello	12.19	50,978
Stewartville	4.71	50,954
South St. Paul	17.46	50,711
Savage	27.27	50,585
Worthington	11.78	50,337
Mounds View	10.86	50,112
Prior Lake	21.63	49,984
Shakopee	38.88	49,946
Sartell	18.92	49,882
Roseville	31.63	49,617
Delano	6.21	49,424
Minnetonka	51.19	49,262
Waite Park	7.77	49,080
Albertville	7.01	49,043
Cottage Grove	35.31	48,894
Spring Lake Park	5.82	48,719
Jordan	6.10	48,411
Stillwater	18.87	48,342
Inver Grove Heights	34.71	48,039
Crookston	11.58	47,722
Buffalo	17.24	47,507
St. Paul Park	5.94	47,091
Austin	30.21	46,901

Municipality	2018 Total Needs Mileage	2019 Population Allocation Per Need Mile
Sauk Rapids	14.37	$23,463
Sartell	18.92	23,267
Buffalo	17.24	22,886
St. Paul Park	5.94	22,870
Golden Valley	23.74	22,143
Lakeville	68.33	22,033
Little Canada	11.35	21,653
LaCrescent	5.84	21,528
Lino Lakes	23.84	21,511
North Mankato	15.77	21,388
Waconia	14.36	21,364
Moorhead	49.91	21,137
Zimmerman	6.52	20,847
Mahtomedi	9.56	20,538
Austin	30.21	20,397
Isanti	6.89	20,394
Shorewood	9.20	20,346
Orono	9.45	20,258
Bemidji	19.01	19,863
Rosemount	29.39	19,802
St. Peter	14.74	19,658
Belle Plaine	8.95	19,384
International Falls	8.11	19,236
Litchfield	8.77	18,653
St. Michael	23.16	18,388
New Ulm	18.01	18,257
Owatonna	34.64	18,173
Mendota Heights	15.17	18,173
Andover	43.48	18,135
Albert Lea	24.31	18,013
Marshall	18.78	17,923
Duluth	118.12	17,897
Hutchinson	19.52	17,651
Hugo	21.19	17,372
Willmar	27.99	17,359
Brainerd	19.20	17,352
Ramsey	37.86	16,974
Byron	8.08	16,963
Otsego	24.00	16,802

Municipality	2018 Total Needs Mileage	2019 Money Needs Allocation Per Need Mile
Rogers	21.70	$23,181
Golden Valley	23.74	23,154
Hermantown	18.65	23,103
New Ulm	18.01	22,983
Brooklyn Park	60.71	22,935
Stillwater	18.87	22,927
Waconia	14.36	22,898
Northfield	17.06	22,880
Detroit Lakes	24.52	22,743
Worthington	11.78	22,651
Cambridge	16.93	22,425
White Bear Lake	20.94	22,262
Columbia Heights	12.50	22,262
Shorewood	9.20	22,185
Brooklyn Center	21.34	22,132
Vadnais Heights	9.17	22,104
South St. Paul	17.46	22,062
Farmington	16.95	22,045
Roseville	31.63	21,987
Little Canada	11.35	21,949
Shoreview	19.69	21,938
Fridley	22.90	21,921
Litchfield	8.77	21,880
Spring Lake Park	5.82	21,805
Waseca	7.71	21,670
Forest Lake	33.83	21,581
Mendota Heights	15.17	21,534
Lino Lakes	23.84	21,372
Crystal	17.58	21,143
Prior Lake	21.63	21,091
Glencoe	8.39	21,069
Rosemount	29.39	21,053
Little Falls	21.75	21,039
Cloquet	22.75	21,017
Oakdale	19.39	20,877
Falcon Heights	3.29	20,858
St. Francis	13.45	20,855
Kasson	6.60	20,833
New Brighton	15.27	20,671

Municipality	2018 Total Needs Mileage	2019 Total Allocation Per Need Mile
North Mankato	15.77	$46,769
Duluth	118.12	46,234
North St. Paul	11.34	45,783
Lakeville	68.33	45,742
Golden Valley	23.74	45,296
Kasson	6.60	44,434
Waconia	14.36	44,263
Bemidji	19.01	44,232
Willmar	27.99	43,992
Victoria	8.77	43,981
Hutchinson	19.52	43,821
Brainerd	19.20	43,820
Little Canada	11.35	43,602
Orono	9.45	43,590
New Prague	7.76	43,557
Belle Plaine	8.95	43,514
St. Peter	14.74	43,182
Big Lake	11.48	43,066
Owatonna	34.64	43,000
Hastings	22.61	42,996
St. Michael	23.16	42,884
Lino Lakes	23.84	42,883
Albert Lea	24.31	42,563
Shorewood	9.20	42,531
Marshall	18.78	42,377
Thief River Falls	16.74	42,353
New Ulm	18.01	41,240
Rosemount	29.39	40,855
Red Wing	24.86	40,836
Elk River	38.27	40,668
Litchfield	8.77	40,533
Fergus Falls	26.66	40,302
La Crescent	5.84	40,175
East Grand Forks	16.99	39,985
Mendota Heights	15.17	39,707
Mahtomedi	9.56	39,666
Isanti	6.89	38,791
Zimmerman	6.52	37,679
International Falls	8.11	37,637

Municipality	2018 Total Needs Mileage	2019 Population Allocation Per Need Mile
Crookston	11.58	$16,790
Glencoe	8.39	16,299
Red Wing	24.86	16,189
Elk River	38.27	15,589
Chisago City	8.54	15,171
Lake City	8.39	14,846
Forest Lake	33.83	14,714
Morris	9.18	14,584
Montevideo	8.98	14,557
Chisholm	8.41	14,438
Rogers	21.70	14,272
Minnetrista	12.98	14,081
St. Francis	13.45	13,616
Cloquet	22.75	13,075
Thief River Falls	16.74	12,956
Virginia	16.36	12,932
Fairmont	20.12	12,874
Cambridge	16.93	12,720
East Grand Forks	16.99	12,687
Dayton	10.62	12,533
Fergus Falls	26.66	12,529
Hermantown	18.65	12,421
Medina	12.59	12,220
Lake Elmo	19.12	12,042
Redwood Falls	10.61	12,030
Wyoming	16.06	12,029
Baxter	17.46	11,628
Ham Lake	34.27	11,447
Grand Rapids	26.32	10,508
East Bethel	28.84	10,167
Little Falls	21.75	9,982
Alexandria	33.28	9,977
Detroit Lakes	24.52	9,319
North Branch	27.81	9,263
Corcoran	15.53	8,744
Oak Grove	26.59	7,838
Hibbing	54.19	7,332
Avg.		**$23,186**

Municipality	2018 Total Needs Mileage	2019 Money Needs Allocation Per Need Mile
Morris	9.18	$20,526
Mounds View	10.86	20,310
Circle Pines	3.60	20,266
Wyoming	16.06	20,202
Chisholm	8.41	20,171
Montevideo	8.98	20,151
Lake Elmo	19.12	20,141
Arden Hills	7.53	19,920
Redwood Falls	10.61	19,889
North St. Paul	11.34	19,873
Hugo	21.19	19,664
Otsego	24.00	19,493
Hibbing	54.19	19,458
Big Lake	11.48	19,429
New Prague	7.76	19,382
Minnetrista	12.98	19,373
Mahtomedi	9.56	19,128
Andover	43.48	19,089
Lake City	8.39	18,873
Ramsey	37.86	18,762
Hastings	22.61	18,679
La Crescent	5.84	18,647
Stewartville	4.71	18,589
Victoria	8.77	18,583
North Branch	27.81	18,529
Chisago City	8.54	18,433
International Falls	8.11	18,400
Isanti	6.89	18,397
Oak Grove	26.59	17,960
East Bethel	28.84	17,529
Ham Lake	34.27	17,507
Dayton	10.62	17,241
Zimmerman	6.52	16,832
Byron	8.08	16,824
Medina	12.59	16,221
Corcoran	15.53	12,931
St. Joseph	6.76	9,952
		$23,249

Municipality	2018 Total Needs Mileage	2019 Total Allocation Per Need Mile
Rogers	21.70	$37,453
Glencoe	8.39	37,368
Andover	43.48	37,225
Hugo	21.19	37,036
Virginia	16.36	36,880
Fairmont	20.12	36,816
Baxter	17.46	36,660
Grand Rapids	26.32	36,529
Forest Lake	33.83	36,295
Otsego	24.00	36,295
Ramsey	37.86	35,736
Hermantown	18.65	35,524
St. Joseph	6.76	35,466
Cambridge	16.93	35,145
Morris	9.18	35,110
Montevideo	8.98	34,708
Chisholm	8.41	34,610
St. Francis	13.45	34,470
Cloquet	22.75	34,093
Alexandria	33.28	33,879
Byron	8.08	33,788
Lake City	8.39	33,719
Chisago City	8.54	33,604
Minnetrista	12.98	33,454
Wyoming	16.06	32,231
Lake Elmo	19.12	32,183
Detroit Lakes	24.52	32,062
Redwood Falls	10.61	31,919
Little Falls	21.75	31,021
Dayton	10.62	29,774
Ham Lake	34.27	28,954
Medina	12.59	28,441
North Branch	27.81	27,793
East Bethel	28.84	27,696
Hibbing	54.19	26,790
Oak Grove	26.59	25,798
Corcoran	15.53	21,675
		$46,435

NOTES AND COMMENTS

OTHER TOPICS

CERTIFICATION OF MSAS SYSTEM AS COMPLETE

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

> *When the county board or governing body of an urban municipality desires to use a part of its state aid allocation on local roads or streets not on an approved state aid system, it shall certify to the commissioner that its state aid routes are improved to state aid standards or are in an adequate condition. The state-aid engineer must concur before state-aid funds are expended. That portion of the county or city apportionment attributable to needs must not be used on the local system.*

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

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

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

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

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

LOCAL AMOUNT AVAILABLE AFTER JANUARY 2018 ALLOCATION

Prepared for the January 2018 book

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

	Fridley	Columbia Hgts	Falcon Hgts	South St. Paul	Crookston
Total Apportionment	**$1,205,034**	**$786,579**	**$201,408**	**$885,819**	**$571,762**
Population	$702,655	$494,713	$132,967	$500,824	$194,984
Money Needs	$502,379	$291,866	$68,441	$384,995	$376,778
% based on Pop.	58.3%	62.9%	66.0%	56.5%	34.1%
Total Construction Allotment: Jan. 2018 (total apportionment - maintenance)	**$783,272**	**$589,934**	**$130,915**	**$664,364**	**$428,821**
Allocation to 90p acct (amount of construction allotment based on Population)	**$456,726**	**$371,035**	**$86,428**	**$375,618**	**$146,238**
Amount Remaining in 90p acct from 2017	**$0**	**$299,139**	**$290,469**	**$1,234,882**	**$350,838**
Maximum Local Unemcumbered Amount Available after January 2018 Allocation	**$456,726**	**$670,174**	**$376,897**	**$1,610,500**	**$497,076**

This is the amount available to spend on city streets after the 2018 allotments have been received. To find out how much is available for spending on local streets as of a specific date, please log on to SAAS Reports, select State Aid County and Municipality Report, select SAAS Status and then select your city and the Reporting Year/Month. The report numbered 90p - Muni Const Pop shows the amount available for local projects.

90P ACCOUNT - BALANCE

Minnesota Department of Transportation - Office of Finance

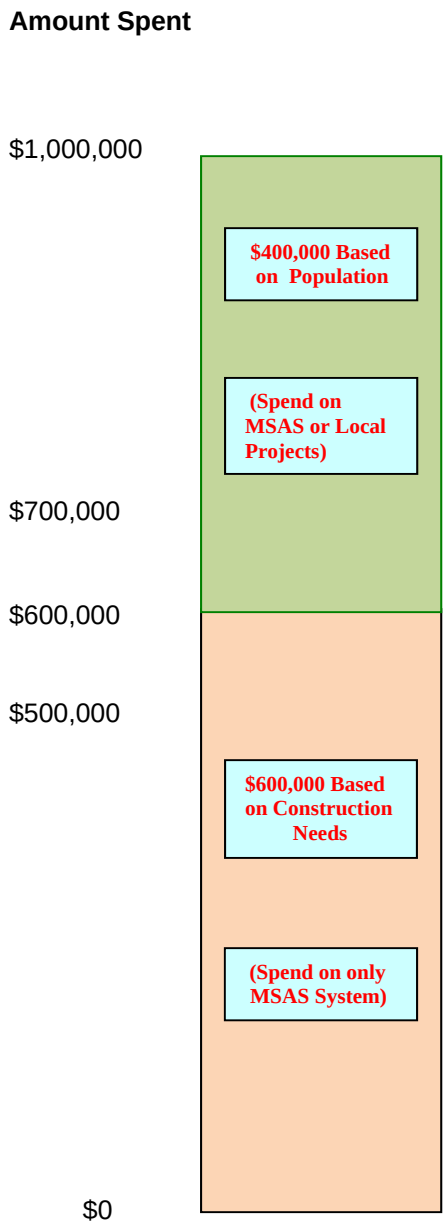
Account Summary by Account

Summary of Account: 90P - CERT POPULATION

for September 2018 as of 9/6/2018

Municipality	Dist	Beg Yr Bal	Annual Allocations	Total	Deposits	Tranfers	Disbursement	Unexp Bal	Encumbrance	B/L Rsrv	Bal Available
113-COLUMBIA HEIGHTS	5	343,323.88	371,035.00	714,358.88	0.00	0.00	482,086.88	232,272.00	36,618.28	0.00	195,653.72
115-CROOKSTON	2	350,837.78	146,238.00	497,075.78	0.00	0.00	0.00	497,075.78	0.00	0.00	497,075.78
124-FALCON HEIGHTS	5	313,248.98	86,428.00	399,676.98	0.00	0.00	0.00	399,676.98	22,779.55	0.00	376,897.43
127-FRIDLEY	5	52,055.11	456,726.00	508,781.11	0.00	0.00	463,404.02	45,377.09	45,377.09	0.00	0.00
168-SOUTH SAINT PAUL	5	1,263,652.69	375,618.00	1,639,270.69	0.00	0.00	980,150.85	659,119.84	37,831.85	0.00	621,287.99
Total		**2,323,118.44**	**1,436,045.00**	**3,759,163.44**	**0.00**	**0.00**	**1,925,641.75**	**1,833,521.69**	**142,606.77**	**0.00**	**1,690,914.92**

CERTIFIED COMPLETE CITY GRAPH



Graph Example:

A city receives a $1,000,000 Construction Allotment and a Maximum of $400,000 is available for Local projects.

The whole $1,000,000 is available for State Aid Projects, but any amount over $600,000 will reduce the Local Amount Available. Therefore, a city's Maximum Local Amount Available could be reduced without having requested payment for any Local Projects.

If the city spends $700,000 on State Aid Projects, a maximum of $300,000 will be available to be spent on Local Projects.

If a city spends $500,000 on Local Projects, $100,000 will be deducted from next year's Local Amount Available.

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	unexpended balance	Spent
1958	$113,220	$48,310	$64,910	2011	$2,858,585	$762,419	$2,096,166
1970	252,736	147,968	104,768	2012	3,014,118	1,029,649	1,984,469
1980	521,544	171,544	350,000	2013	3,125,654	888,606	2,237,048
1990	1,248,109	218,586	1,029,523	2014	3,235,357	880,506	2,354,851
2000	1,583,411	1,230,268	353,143	2015	3,413,892	1,045,899	2,367,993
2008	1,750,808	29,487	1,721,321	2016	3,548,041	1,171,781	2,376,260
2009	1,866,306	95,764	1,770,542	2017	3,551,701	1,078,127	2,473,574
2010	2,614,101	680,404	1,933,697	2018	3,937,329		

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 $961,433 (not to exceed 1/2 of 1% of the 2018 MSAS Apportionment sum of: $192,286,547) shall be set aside from the 2019 Apportionment fund and be credited to the research account.

Year	Allotment	Spent	Year	Allotment	Spent
1958	$0	$0	2012	$695,405	$695,405
1970	37,803	2,151	2013	723,414	723,414
1980	77,116	40,764	2014	746,853	746,853
1990	191,254	150,294	2015	773,075	773,075
2000	487,286	487,286	2016	853,501	853,501
2008	572,095	572,095	2017	868,060	868,060
2009	571,991	571,991	2018	866,092	866,092
2010	608,806	608,806	**2019**	***961,433***	
2011	636,577	636,577			

Municipal State Aid Construction Account Advance Guidelines

Advance status is currently code green.

State Aid Advances

Minnesota Statutes 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 Advances webpage.

State Aid Advance Code Levels

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 Request to Reserve Funds can be obtained from SAF Forms & Resolutions webpage. E-mail completed forms to Mike Ayers 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 overruns and funding shortfalls may be funded, but require State Aid approval.

Advance Limitations

Statutory – None, reference Minnesota Statutes 162.14, Subd 6.

State Aid Rules – None, reference State Aid Rules 8820.1500, Subp. 10 & 10b (PDF).

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 2018

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.

2018 UNIT PRICE RECOMMENDATIONS

for the January 2019 distribution

Needs Item		Municipal Screening Board Approved Prices for the 2018 Distribution	Needs Study Subcommittee Recommended Prices for 2019 Distribution	Municipal Screening Board Approved Prices for the 2019 Distribution
Grading (Excavation)	Cu. Yd.	$7.95	$9.10	**$9.10**
Aggregate Base	Ton	14.90	13.78	**13.78**
All Bituminous	Ton	69.60	60.00	**60.00**
Sidewalk Construction	Sq. Ft.	4.75	5.50	**5.50**
Curb and Gutter Construction	Lin.Ft.	14.55	15.90	**15.90**
Traffic Signals	Per Sig	195,000	201,850	**201,850**
Street Lighting	Mile	100,000	100,000	**100,000**
Engineering	Percent	22	22	**22**
All Structures (includes both bridges and box culverts)	Sq. Ft.	90.00	87.55	**87.55**
Storm Sewer (based on ADT)	Per Mile			
0 ADT & Non Existing		156,500	159,500	**159,500**
1-499		159,500	162,500	**162,500**
500-1,999		168,400	171,600	**171,600**
2,000-4,999		177,300	180,700	**180,700**
5,000-8,999		189,200	192,800	**192,800**
9,000-13,999		198,100	201,900	**201,900**
14,000-24,999		210,000	214,000	**214,000**
25,000 and over		221,900	226,100	**226,100**

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.

2018 Item By Item Tabulation Of Needs

CITY NUMBER	MUNICIPALITY	GRADING / EXCAVATION	STORM SEWER	GRAVEL BASE	BITUMINOUS SURFACE	CURB & GUTTER	SIDEWALK	SIGNALS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL NEEDS	TOTAL NEEDS MILEAGE	COST PER MILE	MUNICIPALITY
101	ALBERT LEA	$5,210,401	$4,358,271	$5,782,696	$6,841,536	$4,296,659	$7,024,776	$1,160,647	$2,431,000	$2,006,822	$8,604,817	$47,717,625	24.31	$1,962,881	ALBERT LEA
242	ALBERTVILLE	1,524,838	1,257,226	1,730,177	1,957,947	1,225,698	2,035,704	100,926	701,000	0	2,317,374	12,850,890	7.01	1,833,223	ALBERTVILLE
102	ALEXANDRIA	7,474,481	6,015,261	8,545,750	9,637,996	5,718,809	9,664,512	1,211,112	3,328,000	65,487	11,365,511	63,026,919	33.28	1,893,838	ALEXANDRIA
198	ANDOVER	7,071,832	7,410,781	6,513,437	10,161,748	7,648,025	9,647,088	958,789	4,348,000	481,000	11,932,958	66,173,658	43.48	1,521,933	ANDOVER
103	ANOKA	3,297,810	2,858,118	3,470,613	4,697,630	2,795,589	4,286,304	958,796	1,604,000	2,348,267	5,789,765	32,106,892	16.04	2,001,677	ANOKA
186	APPLE VALLEY	9,608,741	6,948,378	11,432,668	12,920,533	6,662,426	10,328,076	3,683,788	3,733,000	0	14,369,877	79,687,487	37.33	2,134,677	APPLE VALLEY
187	ARDEN HILLS	1,290,910	1,294,959	1,245,699	1,811,752	1,289,504	1,851,300	201,852	753,000	68,464	2,157,637	11,965,077	7.53	1,588,988	ARDEN HILLS
104	AUSTIN	6,528,078	5,423,427	7,238,184	8,725,552	5,309,120	8,411,436	2,624,062	3,021,000	5,266,658	11,560,455	64,107,972	30.21	2,122,078	AUSTIN
230	BAXTER	4,179,382	3,194,007	4,927,144	5,359,739	3,212,002	4,970,196	605,555	1,746,000	0	6,202,681	34,396,706	17.46	1,970,029	BAXTER
239	BELLE PLAINE	1,732,148	1,569,347	1,837,776	2,311,788	1,502,745	2,337,720	0	895,000	933,647	2,886,437	16,006,608	8.95	1,788,448	BELLE PLAINE
105	BEMIDJI	3,972,876	3,395,282	4,317,238	5,297,996	3,191,851	5,360,784	1,009,256	1,901,000	1,842,577	6,663,550	36,952,410	19.01	1,943,841	BEMIDJI
232	BIG LAKE	1,907,522	1,971,521	1,755,325	2,748,029	1,927,538	3,024,516	100,926	1,148,000	0	3,208,545	17,791,722	11.48	1,549,802	BIG LAKE
106	BLAINE	11,834,870	9,179,579	13,818,027	15,163,010	10,243,825	13,583,460	2,674,530	5,036,000	711,081	18,093,766	100,338,148	50.36	1,992,418	BLAINE
107	BLOOMINGTON	20,627,585	14,357,212	24,872,689	27,878,589	16,300,125	21,923,748	11,379,330	7,612,000	3,064,600	32,563,496	180,579,374	76.12	2,372,299	BLOOMINGTON
108	BRAINERD	3,963,391	3,419,361	4,269,184	5,357,132	3,388,306	5,253,336	908,333	1,920,000	3,515,307	7,038,756	39,033,106	19.20	2,032,974	BRAINERD
109	BROOKLYN CENTER	5,214,077	3,931,237	6,132,559	6,740,408	4,226,146	6,160,836	2,094,206	2,134,000	1,404,302	8,368,311	46,406,082	21.34	2,174,606	BROOKLYN CENTER
110	BROOKLYN PARK	14,734,979	11,155,100	17,394,752	18,863,236	11,032,973	17,589,528	4,566,881	6,071,000	145,683	22,341,912	123,896,044	60.71	2,040,785	BROOKLYN PARK
213	BUFFALO	3,718,235	3,092,571	4,163,161	4,818,920	3,027,299	5,006,496	454,167	1,724,000	0	5,721,068	31,725,917	17.24	1,840,250	BUFFALO
179	BURNSVILLE	11,951,121	8,412,576	14,356,920	16,115,815	9,261,584	13,001,208	5,197,661	4,477,000	0	18,210,258	100,984,143	44.77	2,255,621	BURNSVILLE
249	BYRON	1,586,362	1,426,845	1,663,387	2,140,050	1,420,468	2,346,432	50,463	808,000	0	2,517,243	13,959,250	8.08	1,727,630	BYRON
218	CAMBRIDGE	3,709,333	3,048,198	4,173,646	4,791,588	2,864,445	4,790,148	756,944	1,693,000	1,759,405	6,069,076	33,655,783	16.93	1,987,938	CAMBRIDGE
193	CHAMPLIN	4,432,081	3,613,331	5,004,782	5,845,707	4,044,807	5,488,560	1,160,642	2,007,000	774,656	7,121,749	39,493,315	20.07	1,967,779	CHAMPLIN
194	CHANHASSEN	5,234,883	4,128,702	6,062,085	6,777,595	4,209,352	6,549,972	1,539,112	2,276,000	949,042	8,299,886	46,026,629	22.76	2,022,260	CHANHASSEN
196	CHASKA	4,445,889	3,718,275	4,971,835	5,797,835	3,556,206	5,626,500	1,034,486	2,080,000	1,716,681	7,249,390	40,195,616	20.80	1,932,482	CHASKA
252	CHISAGO CITY	1,302,752	1,444,898	1,116,904	1,930,289	1,433,900	1,912,284	100,925	854,000	0	2,221,112	12,317,064	8.54	1,442,279	CHISAGO CITY
111	CHISHOLM	1,402,877	1,448,343	1,278,681	2,034,461	1,412,073	2,375,472	252,314	841,000	46,577	2,440,196	13,531,994	8.41	1,609,036	CHISHOLM
244	CIRCLE PINES	591,399	616,680	540,820	853,484	611,170	945,252	201,852	360,000	0	1,038,544	5,759,201	3.60	1,599,778	CIRCLE PINES
112	CLOQUET	4,072,115	3,949,711	4,011,434	5,670,194	3,907,125	5,908,188	807,401	2,275,000	595,340	6,863,232	38,059,740	22.75	1,672,956	CLOQUET
113	COLUMBIA HEIGHTS	2,491,098	2,217,668	2,595,304	3,423,784	2,105,518	3,548,688	504,627	1,250,000	0	3,990,072	22,126,759	12.50	1,770,141	COLUMBIA HEIGHTS
114	COON RAPIDS	11,044,081	8,215,513	12,926,207	14,818,526	8,150,061	12,732,588	4,037,022	4,440,000	3,677,802	17,609,200	97,651,000	44.40	2,199,347	COON RAPIDS
215	CORCORAN	1,988,534	2,563,680	1,373,535	3,175,110	2,607,548	2,841,564	50,463	1,553,000	77,709	3,570,851	19,801,994	15.53	1,275,080	CORCORAN
180	COTTAGE GROVE	7,746,866	6,356,050	8,577,345	10,605,324	6,952,906	9,300,060	1,312,032	3,531,000	302,573	12,030,512	66,714,668	35.31	1,889,399	COTTAGE GROVE
115	CROOKSTON	2,149,563	2,023,920	2,171,216	2,956,912	1,944,321	3,153,744	252,315	1,158,000	3,733,132	4,299,488	23,842,611	11.58	2,058,947	CROOKSTON
116	CRYSTAL	3,164,865	3,065,356	3,014,534	4,697,211	3,076,839	4,784,340	706,479	1,758,000	0	5,338,876	29,606,500	17.58	1,680,278	CRYSTAL
229	DAYTON	1,520,318	1,776,653	1,234,268	2,294,454	1,902,352	2,125,728	100,926	1,062,000	0	2,643,676	14,660,375	10.62	1,380,450	DAYTON
247	DELANO	1,051,635	1,067,603	995,091	1,492,431	1,042,686	1,526,052	201,852	621,000	672,384	1,907,561	10,578,295	6.21	1,703,429	DELANO
117	DETROIT LAKES	4,936,249	4,250,317	5,236,355	6,677,276	4,117,011	7,013,160	908,332	2,452,000	726,115	8,012,095	44,431,814	24.52	1,812,064	DETROIT LAKES
118	DULUTH	27,072,597	21,455,537	30,867,490	35,970,809	20,339,884	33,358,248	15,592,972	11,812,000	8,868,238	45,174,316	250,512,091	118.12	2,120,827	DULUTH
195	EAGAN	13,018,739	9,223,069	15,859,865	16,559,502	9,180,991	14,200,560	2,926,847	4,924,000	1,479,245	19,222,024	106,594,842	49.24	2,164,802	EAGAN
203	EAST BETHEL	3,898,374	4,797,787	2,890,392	6,089,511	4,842,350	6,136,152	0	2,884,000	29,767	6,945,036	38,513,369	28.84	1,335,415	EAST BETHEL
119	EAST GRAND FORKS	3,408,186	3,006,223	3,629,542	4,629,659	2,894,665	4,485,228	605,555	1,699,000	5,964,957	6,671,066	36,994,081	16.99	2,177,403	EAST GRAND FORKS
181	EDEN PRAIRIE	12,917,481	9,113,155	15,552,135	17,186,060	9,582,278	13,847,724	4,566,876	4,854,000	1,440,198	19,593,183	108,653,090	48.54	2,238,424	EDEN PRAIRIE
120	EDINA	10,921,946	7,670,762	13,293,637	14,193,477	7,522,097	11,862,840	4,743,495	4,085,000	3,601,983	17,136,954	95,032,191	40.85	2,326,369	EDINA
204	ELK RIVER	8,447,322	6,901,117	9,468,022	11,178,181	7,021,748	10,605,408	1,665,273	3,827,000	1,954,116	13,435,001	74,503,188	38.27	1,946,778	ELK RIVER
123	FAIRMONT	4,329,566	3,599,756	4,886,567	5,574,068	3,395,016	5,597,460	1,110,182	2,012,000	1,110,834	6,955,402	38,570,851	20.12	1,917,040	FAIRMONT
124	FALCON HEIGHTS	572,326	568,048	553,815	803,496	552,403	821,832	302,776	329,000	0	990,813	5,494,509	3.29	1,670,064	FALCON HEIGHTS
125	FARIBAULT	5,614,968	4,388,803	6,500,473	7,235,582	4,041,446	6,989,928	807,408	2,407,000	5,065,467	9,471,241	52,522,316	24.07	2,182,065	FARIBAULT
212	FARMINGTON	3,398,386	2,991,437	3,671,431	4,480,017	2,978,617	4,183,212	50,463	1,695,000	983,361	5,375,026	29,806,950	16.95	1,758,522	FARMINGTON
126	FERGUS FALLS	6,153,467	4,853,805	7,015,754	8,175,572	4,682,839	7,474,896	1,867,123	2,666,000	5,107,842	10,559,407	58,556,705	26.66	2,196,426	FERGUS FALLS
214	FOREST LAKE	6,184,904	5,889,889	6,193,422	8,601,040	5,826,270	8,595,840	857,869	3,383,000	0	10,017,090	55,549,304	33.83	1,642,014	FOREST LAKE
127	FRIDLEY	4,530,942	4,041,549	4,799,556	6,116,568	4,137,152	6,019,992	1,009,259	2,290,000	0	7,247,904	40,192,922	22.90	1,755,149	FRIDLEY
226	GLENCOE	1,632,710	1,477,885	1,708,293	2,202,725	1,408,718	2,331,912	0	839,000	0	2,552,274	14,153,517	8.39	1,686,951	GLENCOE
128	GOLDEN VALLEY	5,540,158	4,329,656	6,389,409	7,231,956	4,281,551	6,854,892	2,724,991	2,374,000	931,707	8,944,834	49,603,154	23.74	2,089,434	GOLDEN VALLEY
129	GRAND RAPIDS	4,952,138	4,611,354	5,034,010	6,842,195	4,419,233	7,210,632	1,009,258	2,632,000	1,248,113	8,350,967	46,309,900	26.32	1,759,495	GRAND RAPIDS
197	HAM LAKE	4,765,366	5,721,596	3,674,152	7,343,457	5,759,098	7,438,596	151,388	3,427,000	196,462	8,464,972	46,942,087	34.27	1,369,772	HAM LAKE
130	HASTINGS	5,190,508	4,108,030	5,966,566	6,716,401	3,796,306	6,484,632	706,482	2,261,000	1,359,827	8,049,743	44,639,495	22.61	1,974,325	HASTINGS
202	HERMANTOWN	3,996,681	3,338,283	4,475,153	5,175,099	3,131,410	5,230,104	656,016	1,865,000	140,080	6,161,722	34,169,548	18.65	1,832,147	HERMANTOWN
131	HIBBING	9,216,107	9,325,862	8,726,243	13,074,613	9,123,906	13,214,652	807,400	5,419,000	34,232	15,167,251	84,109,266	54.19	1,552,118	HIBBING
132	HOPKINS	2,469,713	1,840,560	2,961,973	3,095,928	1,677,361	2,866,248	2,371,747	999,000	0	4,022,155	22,304,685	9.99	2,232,701	HOPKINS
224	HUGO	3,535,378	3,640,018	3,271,546	5,077,400	3,826,532	5,450,808	302,778	2,119,000	20,837	5,993,745	33,238,042	21.19	1,568,572	HUGO
133	HUTCHINSON	4,301,118	3,514,520	4,866,191	5,589,826	3,290,917	5,549,544	555,093	1,952,000	3,907,007	7,375,765	40,901,981	19.52	2,095,388	HUTCHINSON
134	INTERNATIONAL FALLS	1,195,002	1,369,472	964,289	1,819,150	1,261,700	1,970,364	302,778	811,000	0	2,154,624	11,948,379	8.11	1,473,290	INTERNATIONAL FALLS
178	INVER GROVE HEIGHTS	7,358,745	6,209,910	8,058,927	9,892,228	6,558,330	9,459,780	1,160,645	3,471,000	529,502	11,030,794	64,292,861	34.71	1,852,286	INVER GROVE HEIGHTS
245	ISANTI	1,051,529	1,169,859	880,231	1,579,058	1,156,857	1,761,276	0	689,000	0	1,823,316	10,111,126	6.89	1,467,507	ISANTI
246	JORDAN	1,138,989	1,065,901	1,163,996	1,556,239	1,024,215	1,681,416	0	610,000	1,372,329	2,114,880	11,727,965	6.10	1,922,617	JORDAN
240	KASSON	1,167,679	1,141,513	1,152,454	1,622,090	1,108,167	1,668,348	0	660,000	437,750	1,970,759	10,928,760	6.60	1,655,873	KASSON
236	LA CRESCENT	880,289	990,041	725,499	1,330,365	980,557	1,483,944	0	584,000	0	1,534,435	8,509,130	5.84	1,457,043	LA CRESCENT
234	LAKE CITY	1,320,467	1,429,168	1,152,228	1,947,054	1,408,712	2,099,592	151,389	839,000	0	2,276,475	12,624,085	8.39	1,504,659	LAKE CITY
206	LAKE ELMO	3,314,422	3,311,149	3,132,208	4,721,898	3,306,032	5,241,720	50,463	1,912,000	178,602	5,537,069	30,705,563	19.12	1,605,939	LAKE ELMO
188	LAKEVILLE	15,183,030	12,322,991	17,286,355	19,471,246	12,340,939	19,045,884	2,371,758	6,833,000	168,835	23,105,290	128,129,328	68.33	1,875,155	LAKEVILLE
210	LINO LAKES	3,635,123	4,042,138	3,066,336	5,433,591	4,043,127	5,988,048	201,852	2,384,000	0	6,334,726	35,128,941	23.84	1,473,529	LINO LAKES
135	LITCHFIELD	1,418,840	1,503,203	1,255,870	2,084,103	1,472,513	2,411,772	252,315	877,000	0	2,480,634	13,756,250	8.77	1,568,558	LITCHFIELD
200	LITTLE CANADA	2,257,106	2,005,475	2,406,237	3,012,244	1,905,708	3,185,688	302,778	1,135,000	78,353	3,583,488	19,872,077	11.35	1,750,844	LITTLE CANADA
136	LITTLE FALLS	3,914,399	3,778,354	3,872,381	5,447,853	3,693,888	5,450,808	605,555	2,175,000	0	6,366,409	35,304,647	21.75	1,623,202	LITTLE FALLS
219	MAHTOMEDI	1,605,802	1,647,268	1,476,009	2,317,351	1,719,336	2,567,136	100,926	956,000	0	2,725,264	15,115,592	9.56	1,581,129	MAHTOMEDI
137	MANKATO	10,884,643	7,619,744	13,044,838	14,790,585	7,522,932	11,646,492	5,777,978	4,042,500	1,708,976	16,948,505	93,987,193	40.43	2,324,689	MANKATO
189	MAPLE GROVE	13,736,988	10,688,334	15,729,616	18,568,982	11,582,013	15,469,608	5,147,200	5,861,000	1,315,859	21,581,908	119,681,508	58.61	2,041,998	MAPLE GROVE
138	MAPLEWOOD	7,891,598	6,577,893	8,806,605	10,268,944	6,696,009	10,450,044	1,362,498	3,668,000	1,863,645	12,668,756	70,253,992	36.68	1,915,321	MAPLEWOOD
139	MARSHALL	3,871,294	3,331,902	4,271,309	5,054,916	3,638,478	5,328,840	555,093	1,878,000	1,430,392	6,459,251	35,819,475	18.78	1,907,320	MARSHALL
250	MEDINA	2,019,060	2,142,566	1,836,600	2,910,851	2,113,911	2,819,784	252,315	1,259,000	0	3,377,900	18,731,987	12.59	1,487,846	MEDINA
140	MENDOTA HEIGHTS	2,939,046	2,666,916	3,086,567	3,954,940	2,619,304	4,202,088	403,702	1,517,000	0	4,705,707	26,095,270	15.17	1,720,189	MENDOTA HEIGHTS
141	MINNEAPOLIS	54,519,180	38,813,841	65,709,045	71,179,612	36,146,359	59,996,640	75,643,409	20,730,000	47,715,642	103,499,822	573,953,550	207.30	2,768,710	MINNEAPOLIS
142	MINNETONKA	11,377,441	9,234,638	12,890,624	14,863,275	8,907,303	14,443,044	3,532,391	5,119,000	0	17,680,903	98,048,619	51.19	1,915,386	MINNETONKA
243	MINNETRISTA	1,649,261	2,142,556	1,115,688	2,652,942	2,179,393	2,416,128	50,463	1,298,000	85,799	2,989,852	16,580,082	12.98	1,277,356	MINNETRISTA
143	MONTEVIDEO	1,558,967	1,553,071	1,490,400	2,206,724	1,507,778	2,453,880	151,389	898,000	0	2,600,447	14,420,656	8.98	1,605,864	MONTEVIDEO
222	MONTICELLO	2,828,115	2,219,586	3,281,170	3,580,439	2,090,404	3,438,336	454,167	1,219,000	0	4,204,464	23,315,681	12.19	1,912,689	MONTICELLO
144	MOORHEAD	12,028,277	9,170,635	13,862,462	16,384,634	10,136,361	14,159,904	5,349,050	4,991,000	16,328,425	22,530,370	124,941,118	49.91	2,503,328	MOORHEAD
190	MORRIS	1,657,229	1,596,582	1,643,983	2,302,045	1,560,324	2,527,932	151,389	918,000	0	2,720,627	15,087,127	9.18	1,643,476	MORRIS
145	MOUND	1,457,114	1,381,341	1,480,852	1,993,750	1,333,154	2,045,868	100,926	794,000	0	2,329,142	12,916,147	7.94	1,626,719	MOUND
146	MOUNDS VIEW	1,879,195	1,876,767	1,793,660	2,661,139	1,843,589	2,917,068	353,241	1,086,000	0	3,170,349	17,581,008	10.86	1,618,877	MOUNDS VIEW
147	NEW BRIGHTON	2,752,428	2,648,594	2,753,288	3,792,532	2,563,896	3,857,964	529,861	1,527,000	120,819	4,520,200	25,066,582	15.27	1,641,557	NEW BRIGHTON
182	NEW HOPE	3,118,523	2,362,729	3,672,539	4,023,189	2,159,244	3,734,544	1,059,719	1,286,000	0	4,711,629	26,128,116	12.86	2,031,735	NEW HOPE
237	NEW PRAGUE	1,286,393	1,332,071	1,181,385	1,854,452	1,302,935	2,015,376	50,463	776,000	29,767	2,162,346	11,991,188	7.76	1,545,256	NEW PRAGUE
148	NEW ULM	3,482,182	3,166,426	3,645,032	4,696,561	3,279,161	5,074,740	302,778	1,801,000	1,206,089	5,863,871	32,517,840	18.01	1,805,544	NEW ULM
225	NORTH BRANCH	4,352,538	4,724,936	3,815,991	6,389,495	4,776,866	6,320,556	100,926	2,781,000	84,048	7,336,201	40,682,557	27.81	1,462,875	NORTH BRANCH
150	NORTH MANKATO	3,776,250	2,896,749	4,314,391	5,197,580	2,861,085	4,485,228	1,009,256	1,577,000	0	5,745,857	31,863,396	15.77	2,020,507	NORTH MANKATO
151	NORTH ST PAUL	2,139,841	1,983,625	2,209,147	2,904,183	1,929,215	2,964,984	454,165	1,134,000	0	3,458,214	19,177,374	11.34	1,691,126	NORTH ST PAUL
149	NORTHFIELD	3,480,068	3,029,140	3,750,007	4,651,000	3,230,472	4,640,592	0	1,706,000	1,033,790	5,614,636	31,135,705	17.06	1,825,071	NORTHFIELD
223	OAK GROVE	3,924,902	4,478,355	3,240,520	5,902,518	4,464,568	6,050,484	0	2,659,000	0	6,758,477	37,478,824	26.59	1,409,508	OAK GROVE
185	OAKDALE	4,936,221	3,596,954	5,979,893	6,176,584	3,348,007	5,630,856	1,110,181	1,939,000	0	7,197,894	39,915,590	19.39	2,058,566	OAKDALE
152	ORONO	1,858,101	1,666,502	1,953,905	2,502,500	1,601,805	2,744,280	201,852	945,000	994,918	3,188,548	17,654,211	9.45	1,868,170	ORONO
217	OTSEGO	4,039,800	4,114,517	3,839,577	5,706,927	4,029,699	5,895,120	252,314	2,400,000	0	6,661,146	36,939,100	24.00	1,539,129	OTSEGO
153	OWATONNA	7,816,394	6,272,689	8,831,890	10,483,579	5,816,194	10,008,636	1,312,037	3,464,000	2,131,141	12,350,043	68,486,603	34.64	1,977,096	OWATONNA
155	PLYMOUTH	17,407,411	12,429,146	20,875,657	23,048,724	12,320,797	19,082,184	1,917,588	6,643,000	4,729,162	26,059,813	144,513,482	66.43	2,175,425	PLYMOUTH
201	PRIOR LAKE	3,856,627	3,750,020	3,804,567	5,363,125	4,095,175	5,748,468	706,480	2,163,000	105,410	6,510,430	36,103,302	21.63	1,669,131	PRIOR LAKE
199	RAMSEY	5,871,873	6,412,745	5,161,778	8,594,113	6,397,141	8,706,192	857,870	3,786,000	660,828	10,218,679	56,667,219	37.86	1,496,757	RAMSEY
156	RED WING	5,434,247	4,471,190	6,096,932	7,138,589	4,441,056	7,101,732	454,166	2,486,000	1,739,619	8,659,977	48,023,508	24.86	1,931,758	RED WING
207	REDWOOD FALLS	1,606,640	1,797,401	1,343,801	2,410,103	1,799,930	2,642,640	151,389	1,061,000	670,896	2,966,435	16,450,235	10.61	1,550,446	REDWOOD FALLS
157	RICHFIELD	5,967,302	4,536,524	6,922,262	7,983,660	5,112,676	7,145,292	3,784,703	2,467,000	0	9,662,272	53,581,691	24.67	2,171,937	RICHFIELD
158	ROBBINSDALE	2,045,018	1,785,194	2,186,305	2,771,492	1,752,913	2,792,196	782,173	1,005,000	654,524	3,470,458	19,245,273	10.05	1,914,953	ROBBINSDALE
159	ROCHESTER	28,876,478	20,628,411	34,180,847	39,549,530	21,572,307	30,917,436	17,106,825	11,012,000	21,582,524	49,593,802	275,020,160	110.12	2,497,459	ROCHESTER
238	ROGERS	4,644,406	3,890,728	5,124,917	6,177,549	4,091,819	6,258,120	656,016	2,170,000	0	7,262,977	40,276,532	21.70	1,856,061	ROGERS
208	ROSEMOUNT	5,568,501	5,140,873	5,771,964	7,530,019	5,064,826	7,085,034	454,167	2,938,500	735,420	8,863,650	49,152,594	29.39	1,672,438	ROSEMOUNT
160	ROSEVILLE	6,089,957	5,562,006	6,314,278	8,294,606	5,414,259	8,841,228	1,614,813	3,163,000	85,449	9,984,493	55,367,989	31.63	1,750,490	ROSEVILLE
220	SARTELL	4,763,354	3,504,620	5,712,643	6,037,021	3,546,134	5,494,368	454,165	1,892,000	307,994	6,976,707	38,689,006	18.92	2,044,873	SARTELL
191	SAUK RAPIDS	2,984,697	2,563,407	3,214,836	4,075,200	2,713,327	4,173,048	857,868	1,437,000	4,581,316	5,852,149	32,452,848	14.37	2,258,375	SAUK RAPIDS
211	SAVAGE	5,789,106	4,868,279	6,465,075	7,498,864	4,815,486	7,451,664	504,630	2,727,000	980,560	9,042,147	50,142,811	27.27	1,838,754	SAVAGE
166	SHAKOPEE	8,853,926	7,055,291	10,025,923	11,868,899	6,863,916	10,943,724	1,160,645	3,888,000	383,820	13,429,714	74,473,858	38.88	1,915,480	SHAKOPEE
167	SHOREVIEW	3,830,516	3,462,076	4,043,236	5,136,008	3,512,550	5,449,356	832,639	1,969,000	0	6,211,783	34,447,164	19.69	1,749,475	SHOREVIEW
216	SHOREWOOD	1,860,638	1,629,316	2,014,254	2,461,069	1,544,717	2,671,680	151,389	920,000	0	2,915,675	16,168,738	9.20	1,757,472	SHOREWOOD
168	SOUTH ST PAUL	3,519,123	3,097,158	3,749,763	4,728,258	2,931,603	5,015,208	454,167	1,746,000	39,441	5,561,760	30,842,481	17.46	1,766,465	SOUTH ST PAUL
183	SPRING LAKE PARK	1,287,646	1,049,114	1,462,455	1,653,611	988,953	1,690,128	0	582,000	0	1,917,059	10,630,966	5.82	1,826,626	SPRING LAKE PARK
161	ST ANTHONY	1,415,105	1,087,207	1,662,380	1,815,233	1,051,079	1,653,828	630,784	595,000	676,586	2,329,187	12,916,389	5.95	2,170,822	ST ANTHONY
162	ST CLOUD	16,348,891	12,180,113	19,058,183	22,229,149	12,599,516	18,067,236	8,553,434	6,590,000	6,329,165	26,830,255	148,785,942	65.90	2,257,753	ST CLOUD
235	ST FRANCIS	2,242,030	2,313,415	2,052,720	3,238,610	2,258,309	3,494,964	0	1,345,000	0	3,727,913	20,672,961	13.45	1,537,023	ST FRANCIS
233	ST JOSEPH	1,195,863	1,171,475	1,167,309	1,673,512	1,212,264	1,783,056	201,852	676,000	0	1,997,890	11,079,221	6.76	1,638,938	ST JOSEPH
163	ST LOUIS PARK	8,858,105	6,214,378	10,631,992	12,023,947	6,331,637	9,546,900	5,424,750	3,302,000	1,038,694	13,947,141	77,313,274	33.02	2,341,407	ST LOUIS PARK
227	ST MICHAEL	4,044,579	4,007,780	3,894,104	5,703,349	4,407,481	6,300,228	353,241	2,316,000	0	6,825,889	37,852,651	23.16	1,634,398	ST MICHAEL
164	ST PAUL	42,673,588	30,750,783	50,731,163	57,523,050	30,348,631	47,075,292	34,894,917	16,484,000	60,611,258	81,640,393	452,733,075	164.84	2,746,500	ST PAUL
184	ST PAUL PARK	1,122,116	1,038,505	1,164,615	1,518,345	997,352	1,573,968	0	594,000	1,379,788	2,065,511	11,454,200	5.94	1,928,316	ST PAUL PARK
165	ST PETER	3,066,880	2,626,450	3,332,649	4,142,690	2,474,907

2018 Mileage Report

CITY NUMBER	MUNICIPALITY	TOTAL LENGTH OUTSIDE THE CITY LIMITS	TOTAL NEEDS LENGTH CODED AS COMMON BOUNDARY	TOTAL NEEDS LENGTH OF MSB APPROVED ONE WAY MILEAGE	MILEAGE CERT LINE 4 CSAH TURNBACK	MILEAGE CERT LINE 7 COUNTY ROAD TURNBACK	MILEAGE CERT LINE 2 TRUNK HIGHWAY TURNBACK	MILEAGE CERT LINE 6 MSAS MILEAGE exclude TB's	MILEAGE CERT COLUMN XI IMPROVED MILEAGE	MILEAGE CERT COLUMN X UNIMPROVED MILEAGE	MILEAGE CERT COLUMN IX NON-EXISTING MILEAGE	MILEAGE CERT LINE 13 TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH	MUNICIPALITY
101	ALBERT LEA				0.28	0.90	1.00	22.13	24.31			24.31	24.31	ALBERT LEA
242	ALBERTVILLE		0.40					7.01	7.01			7.01	7.01	ALBERTVILLE
102	ALEXANDRIA				4.79	7.05	0.59	20.85	33.28			33.28	33.28	ALEXANDRIA
198	ANDOVER	0.04	1.71			1.80		41.68	33.61		9.91	43.48	43.52	ANDOVER
103	ANOKA		0.05			1.80	1.07	13.17	16.04			16.04	16.04	ANOKA
186	APPLE VALLEY				0.82			36.51	35.09		2.24	37.33	37.33	APPLE VALLEY
187	ARDEN HILLS		0.13		1.78	0.24		5.51	6.92		0.61	7.53	7.53	ARDEN HILLS
104	AUSTIN						4.72	25.49	29.96	0.25		30.21	30.21	AUSTIN
230	BAXTER							17.46	17.08		0.38	17.46	17.46	BAXTER
239	BELLE PLAINE							8.95	8.43		0.52	8.95	8.95	BELLE PLAINE
105	BEMIDJI				0.95			18.06	19.01			19.01	19.01	BEMIDJI
232	BIG LAKE							11.48	11.30	0.18		11.48	11.48	BIG LAKE
106	BLAINE		0.17			2.37		47.99	46.01		4.35	50.36	50.36	BLAINE
107	BLOOMINGTON		0.65		0.58		1.54	74.00	76.12			76.12	76.12	BLOOMINGTON
108	BRAINERD						2.48	16.72	18.37		0.83	19.20	19.20	BRAINERD
109	BROOKLYN CENTER		0.94				0.52	20.82	21.34			21.34	21.34	BROOKLYN CENTER
110	BROOKLYN PARK		2.87		1.00		4.48	55.23	60.43		0.28	60.71	60.71	BROOKLYN PARK
213	BUFFALO	0.09			1.16	1.46		14.62	17.33			17.24	17.33	BUFFALO
179	BURNSVILLE							44.77	44.77			44.77	44.77	BURNSVILLE
249	BYRON					1.99		6.09	8.08			8.08	8.08	BYRON
218	CAMBRIDGE				1.20	0.49	3.83	11.41	16.68		0.25	16.93	16.93	CAMBRIDGE
193	CHAMPLIN		2.06		0.14		0.70	19.23	19.77		0.30	20.07	20.07	CHAMPLIN
194	CHANHASSEN		0.50				0.60	22.16	22.35		0.41	22.76	22.76	CHANHASSEN
196	CHASKA		0.11			2.40		18.40	19.56		1.24	20.80	20.80	CHASKA
252	CHISAGO CITY							8.54	8.54			8.54	8.54	CHISAGO CITY
111	CHISHOLM						0.72	7.69	8.41			8.41	8.41	CHISHOLM
244	CIRCLE PINES							3.60	3.24		0.36	3.60	3.60	CIRCLE PINES
112	CLOQUET						1.75	21.00	22.59		0.16	22.75	22.75	CLOQUET
113	COLUMBIA HEIGHTS		1.58			0.88		11.62	12.50			12.50	12.50	COLUMBIA HEIGHTS
114	COON RAPIDS		0.69		0.75	0.56	1.44	41.65	44.40			44.40	44.40	COON RAPIDS
215	CORCORAN		0.51					15.53	15.08		0.45	15.53	15.53	CORCORAN
180	COTTAGE GROVE					1.25		34.06	28.83	1.09	5.39	35.31	35.31	COTTAGE GROVE
115	CROOKSTON						1.58	10.00	11.58			11.58	11.58	CROOKSTON
116	CRYSTAL		1.70					17.58	17.58			17.58	17.58	CRYSTAL
229	DAYTON							10.62	9.60		1.02	10.62	10.62	DAYTON
247	DELANO							6.21	6.21			6.21	6.21	DELANO
117	DETROIT LAKES				5.57	3.28	2.11	13.56	24.52			24.52	24.52	DETROIT LAKES
118	DULUTH				0.06		28.00	90.06	117.63		0.49	118.12	118.12	DULUTH
195	EAGAN		0.42			0.25	0.37	48.62	48.80		0.44	49.24	49.24	EAGAN
203	EAST BETHEL		2.16					28.84	24.47		4.37	28.84	28.84	EAST BETHEL
119	EAST GRAND FORKS				4.16		2.27	10.56	16.99			16.99	16.99	EAST GRAND FORKS
181	EDEN PRAIRIE		0.78				2.14	46.40	48.54			48.54	48.54	EDEN PRAIRIE
120	EDINA		1.02					40.85	40.85			40.85	40.85	EDINA
204	ELK RIVER		0.40		0.25	3.61	1.24	33.17	36.94		1.33	38.27	38.27	ELK RIVER
123	FAIRMONT						5.87	14.25	20.01		0.11	20.12	20.12	FAIRMONT
124	FALCON HEIGHTS		0.88		0.50	0.25		2.54	3.29			3.29	3.29	FALCON HEIGHTS
125	FARIBAULT	0.32					2.23	21.84	24.39			24.07	24.39	FARIBAULT
212	FARMINGTON				0.24			16.71	13.42		3.53	16.95	16.95	FARMINGTON
126	FERGUS FALLS						8.03	18.63	26.66			26.66	26.66	FERGUS FALLS
214	FOREST LAKE				8.51			25.32	32.97		0.86	33.83	33.83	FOREST LAKE
127	FRIDLEY		0.61					22.90	22.90			22.90	22.90	FRIDLEY
226	GLENCOE				0.74			7.65	8.25		0.14	8.39	8.39	GLENCOE
128	GOLDEN VALLEY							23.74	23.74			23.74	23.74	GOLDEN VALLEY
129	GRAND RAPIDS					7.07		19.25	25.68	0.64		26.32	26.32	GRAND RAPIDS
197	HAM LAKE		1.64			0.97		33.30	29.03		5.24	34.27	34.27	HAM LAKE
130	HASTINGS						2.46	20.15	22.61			22.61	22.61	HASTINGS
202	HERMANTOWN				0.24	2.91		15.50	18.57	0.08		18.65	18.65	HERMANTOWN
131	HIBBING						5.11	49.08	53.50		0.69	54.19	54.19	HIBBING
132	HOPKINS		0.44		0.35			9.64	9.92		0.07	9.99	9.99	HOPKINS
224	HUGO		0.34					21.19	20.96		0.23	21.19	21.19	HUGO
133	HUTCHINSON				2.77	3.03	0.21	13.51	19.52			19.52	19.52	HUTCHINSON
134	INTERNATIONAL FALLS							8.11	8.11			8.11	8.11	INTERNATIONAL FALLS
178	INVER GROVE HEIGHTS		0.32		3.57	1.08		30.06	33.95		0.76	34.71	34.71	INVER GROVE HEIGHTS
245	ISANTI							6.89	6.83		0.06	6.89	6.89	ISANTI
246	JORDAN							6.10	6.08		0.02	6.10	6.10	JORDAN
240	KASSON							6.60	6.33	0.13	0.14	6.60	6.60	KASSON
236	LA CRESCENT							5.84	5.84			5.84	5.84	LA CRESCENT
234	LAKE CITY				0.44			7.95	8.39			8.39	8.39	LAKE CITY
206	LAKE ELMO		0.04			2.15		16.97	19.12			19.12	19.12	LAKE ELMO
188	LAKEVILLE				2.53	7.29		58.51	64.86	1.32	2.15	68.33	68.33	LAKEVILLE
210	LINO LAKES		0.38		0.34	0.98	0.28	22.24	22.01		1.83	23.84	23.84	LINO LAKES
135	LITCHFIELD							8.77	8.77			8.77	8.77	LITCHFIELD
200	LITTLE CANADA		0.40		1.03	4.03		6.29	11.35			11.35	11.35	LITTLE CANADA
136	LITTLE FALLS					1.99	2.63	17.13	21.45	0.15	0.15	21.75	21.75	LITTLE FALLS
219	MAHTOMEDI				0.99	0.69		7.88	9.56			9.56	9.56	MAHTOMEDI
137	MANKATO			0.475	1.98		6.55	31.90	40.26	0.64		40.425	40.90	MANKATO
189	MAPLE GROVE		1.00				0.50	58.11	51.44		7.17	58.61	58.61	MAPLE GROVE
138	MAPLEWOOD		1.59		7.95	3.37		25.36	36.68			36.68	36.68	MAPLEWOOD
139	MARSHALL					3.55	1.42	13.81	18.07		0.71	18.78	18.78	MARSHALL
250	MEDINA		0.94					12.59	11.59		1.00	12.59	12.59	MEDINA
140	MENDOTA HEIGHTS	0.17	0.23		0.65	0.23		14.29	15.34			15.17	15.34	MENDOTA HEIGHTS
141	MINNEAPOLIS		1.82		9.67		8.84	188.79	206.51		0.79	207.30	207.30	MINNEAPOLIS
142	MINNETONKA		2.04					51.19	51.16		0.03	51.19	51.19	MINNETONKA
243	MINNETRISTA	0.41						12.98	13.39			12.98	13.39	MINNETRISTA
143	MONTEVIDEO	0.16						8.98	9.14			8.98	9.14	MONTEVIDEO
222	MONTICELLO				0.50	0.74		10.95	11.97		0.22	12.19	12.19	MONTICELLO
144	MOORHEAD	0.25		2.10		8.49	2.99	38.43	52.26			49.91	52.26	MOORHEAD
190	MORRIS				1.80			7.38	9.18			9.18	9.18	MORRIS
145	MOUND							7.94	7.71	0.23		7.94	7.94	MOUND
146	MOUNDS VIEW		0.24		1.23	2.10		7.53	10.86			10.86	10.86	MOUNDS VIEW
147	NEW BRIGHTON		0.38		0.73	0.38		14.16	12.98		2.29	15.27	15.27	NEW BRIGHTON
182	NEW HOPE		1.53					12.86	12.86			12.86	12.86	NEW HOPE
237	NEW PRAGUE							7.76	7.52	0.10	0.14	7.76	7.76	NEW PRAGUE
148	NEW ULM						0.58	17.43	18.01			18.01	18.01	NEW ULM
225	NORTH BRANCH				0.70	4.52		22.59	27.18		0.63	27.81	27.81	NORTH BRANCH
150	NORTH MANKATO				0.22		1.79	13.76	15.77			15.77	15.77	NORTH MANKATO
151	NORTH ST PAUL		1.25		2.73			8.61	11.22		0.12	11.34	11.34	NORTH ST PAUL
149	NORTHFIELD				1.29		0.80	14.97	16.53		0.53	17.06	17.06	NORTHFIELD
223	OAK GROVE		1.97			1.55		25.04	24.18		2.41	26.59	26.59	OAK GROVE
185	OAKDALE		0.04				0.60	18.79	19.39			19.39	19.39	OAKDALE
152	ORONO		0.41					9.45	9.45			9.45	9.45	ORONO
217	OTSEGO		0.65					24.00	19.73		4.27	24.00	24.00	OTSEGO
153	OWATONNA				7.91	1.31		25.42	34.64			34.64	34.64	OWATONNA
155	PLYMOUTH		1.51		1.76			64.67	66.43			66.43	66.43	PLYMOUTH
201	PRIOR LAKE	0.21	0.23		1.20	0.61		19.82	20.26		1.58	21.63	21.84	PRIOR LAKE
199	RAMSEY		0.40			1.99		35.87	32.29		5.57	37.86	37.86	RAMSEY
156	RED WING				0.50			24.36	24.25		0.61	24.86	24.86	RED WING
207	REDWOOD FALLS				2.02	0.33		8.26	10.08		0.53	10.61	10.61	REDWOOD FALLS
157	RICHFIELD							24.67	24.67			24.67	24.67	RICHFIELD
158	ROBBINSDALE		0.54				0.55	9.50	10.05			10.05	10.05	ROBBINSDALE
159	ROCHESTER	0.45			7.48	3.60	5.54	93.50	109.61		0.96	110.12	110.57	ROCHESTER
238	ROGERS				1.83			19.87	21.40		0.30	21.70	21.70	ROGERS
208	ROSEMOUNT		0.175		0.01	6.36		23.02	28.59		0.80	29.385	29.39	ROSEMOUNT
160	ROSEVILLE		1.02		3.77	3.94		23.92	31.63			31.63	31.63	ROSEVILLE
220	SARTELL					1.86		17.06	18.92			18.92	18.92	SARTELL
191	SAUK RAPIDS				0.39		1.02	12.96	14.37			14.37	14.37	SAUK RAPIDS
211	SAVAGE				1.82	2.06		23.39	25.15		2.12	27.27	27.27	SAVAGE
166	SHAKOPEE		0.23		3.15	3.01	0.92	31.80	37.25		1.63	38.88	38.88	SHAKOPEE
167	SHOREVIEW		0.25		3.95	0.76		14.98	18.58		1.11	19.69	19.69	SHOREVIEW
216	SHOREWOOD		0.69					9.20	9.20			9.20	9.20	SHOREWOOD
168	SOUTH ST PAUL		0.07		1.60	0.18	0.80	14.88	17.46			17.46	17.46	SOUTH ST PAUL
183	SPRING LAKE PARK		0.12			0.29		5.53	5.82			5.82	5.82	SPRING LAKE PARK
161	ST ANTHONY		0.65			0.45		5.50	5.95			5.95	5.95	ST ANTHONY
162	ST CLOUD		0.19		3.40	1.60	4.32	56.58	59.25	1.06	5.59	65.90	65.90	ST CLOUD
235	ST FRANCIS		0.24			1.22		12.23	13.27		0.18	13.45	13.45	ST FRANCIS
233	ST JOSEPH				0.92	0.21		5.63	6.76			6.76	6.76	ST JOSEPH
163	ST LOUIS PARK		0.39		3.54			29.48	32.86		0.16	33.02	33.02	ST LOUIS PARK
227	ST MICHAEL	0.50	0.25		0.18	0.55		22.43	23.49		0.17	23.16	23.66	ST MICHAEL
164	ST PAUL		1.21		3.45		7.07	154.32	161.50		3.34	164.84	164.84	ST PAUL
184	ST PAUL PARK				0.20			5.74	5.94			5.94	5.94	ST PAUL PARK
165	ST PETER				1.56		2.12	11.06	14.44		0.30	14.74	14.74	ST PETER
228	STEWARTVILLE							4.71	4.49		0.22	4.71	4.71	STEWARTVILLE
169	STILLWATER							18.87	18.35		0.52	18.87	18.87	STILLWATER
170	THIEF RIVER FALLS				2.26	1.29		13.19	16.61		0.13	16.74	16.74	THIEF RIVER FALLS
209	VADNAIS HEIGHTS				0.57	0.59		8.01	8.90		0.27	9.17	9.17	VADNAIS HEIGHTS
241	VICTORIA							8.77	7.52		1.25	8.77	8.77	VICTORIA
171	VIRGINIA				1.82		4.14	10.40	16.36			16.36	16.36	VIRGINIA
231	WACONIA				4.35			10.01	14.27		0.09	14.36	14.36	WACONIA
221	WAITE PARK		0.19				0.51	7.26	7.77			7.77	7.77	WAITE PARK
172	WASECA							7.71	7.71			7.71	7.71	WASECA
173	WEST ST PAUL		0.96		0.98	0.23		12.37	13.58			13.58	13.58	WEST ST PAUL
174	WHITE BEAR LAKE	0.01			1.98	1.09		17.87	20.95			20.94	20.95	WHITE BEAR LAKE
175	WILLMAR					0.94	6.35	20.70	27.99			27.99	27.99	WILLMAR
176	WINONA							21.89	21.33		0.56	21.89	21.89	WINONA
192	WOODBURY							58.89	56.41		2.48	58.89	58.89	WOODBURY
177	WORTHINGTON					0.65	0.45	10.68	11.78			11.78	11.78	WORTHINGTON
248	WYOMING					2.36		13.70	15.84		0.22	16.06	16.06	WYOMING
251	ZIMMERMAN							6.52	6.09	0.20	0.23	6.52	6.52	ZIMMERMAN
	TOTAL	**2.61**	**47.305**	**2.575**	**137.79**	**125.18**	**147.83**		**3668.66**	**6.07**	**102.54**	**3772.08**	**3777.27**	**TOTAL**