

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)

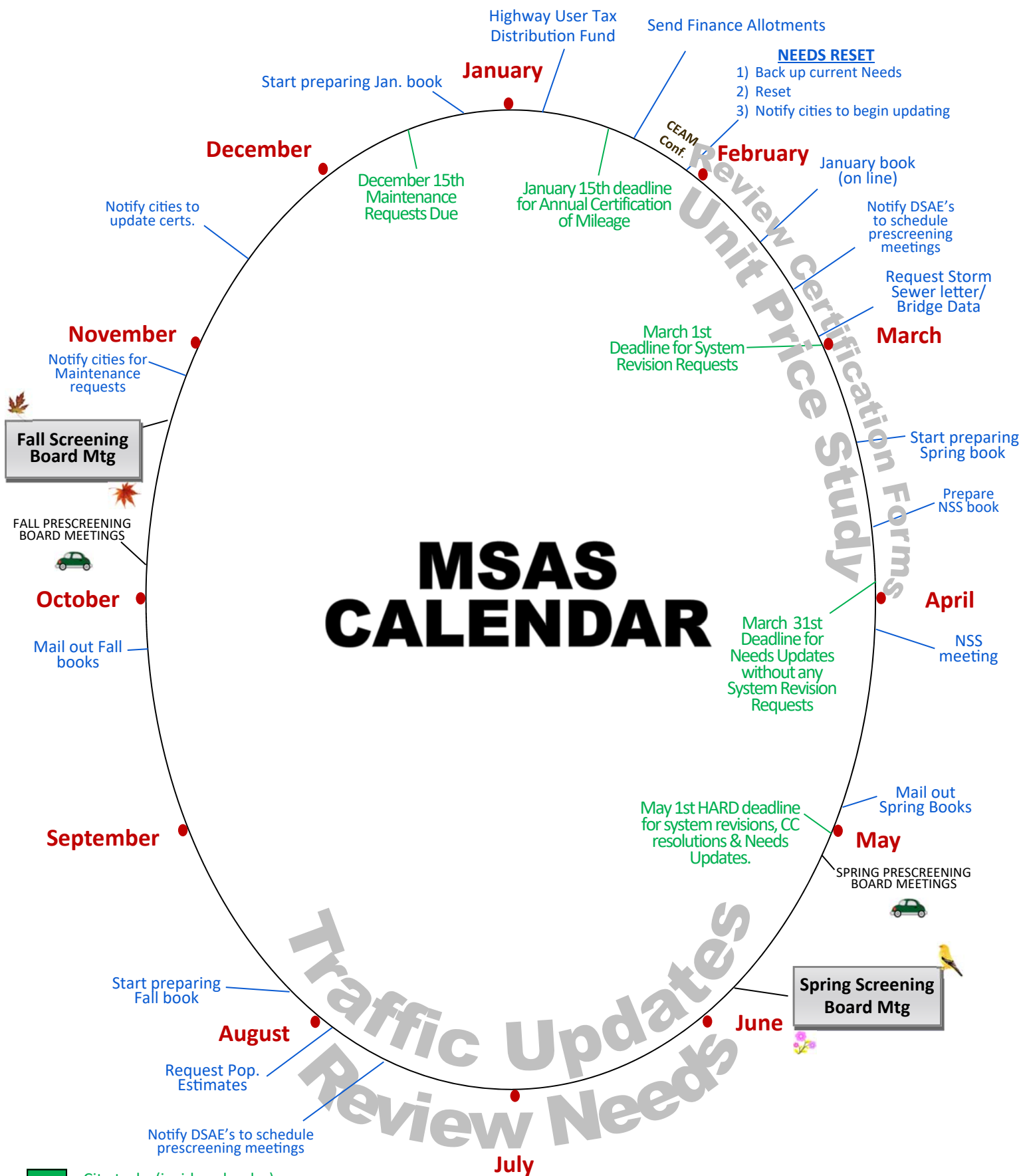
The **2018 Municipal State Aid Street Needs Report** is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

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



- 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.

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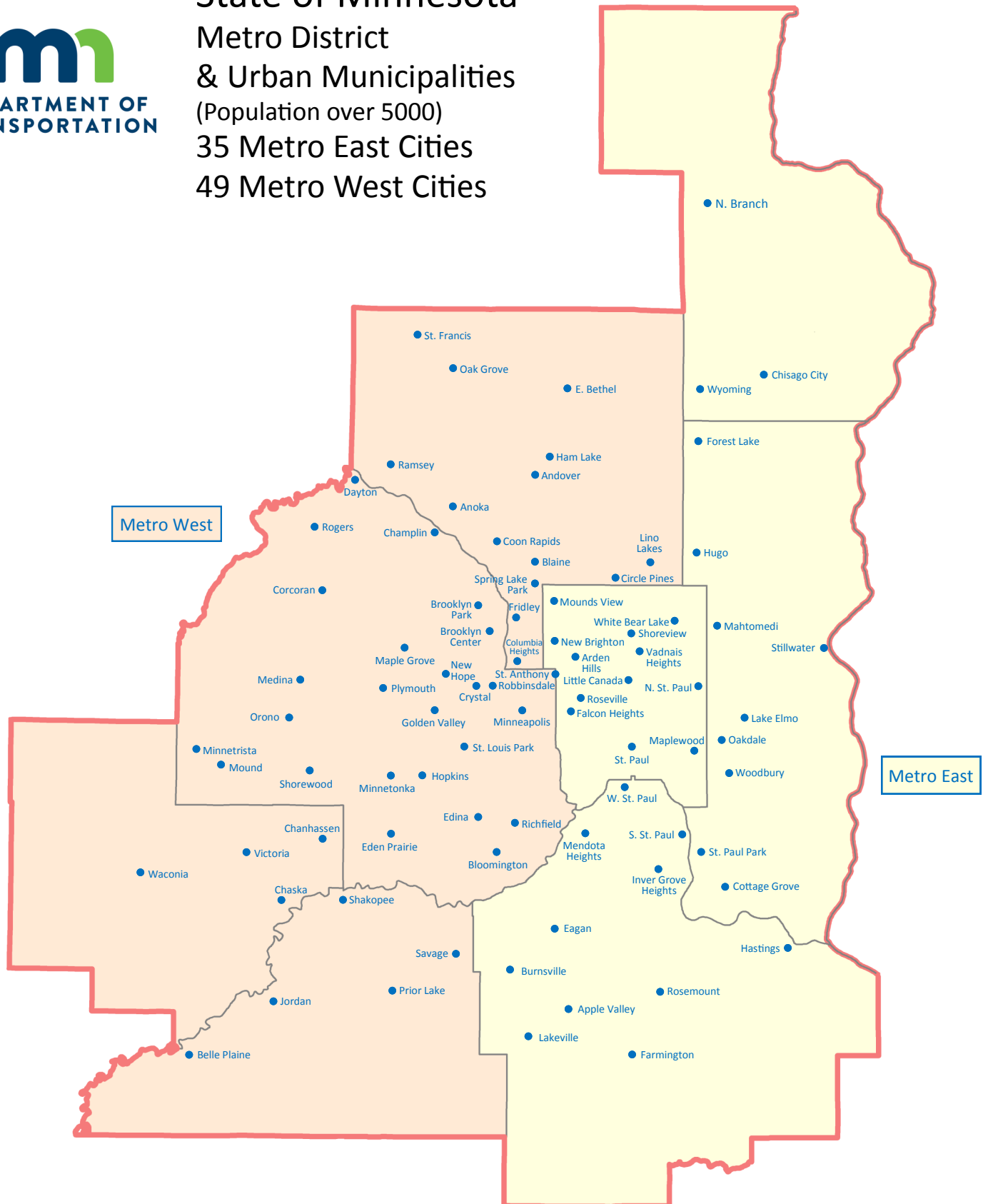
State of Minnesota

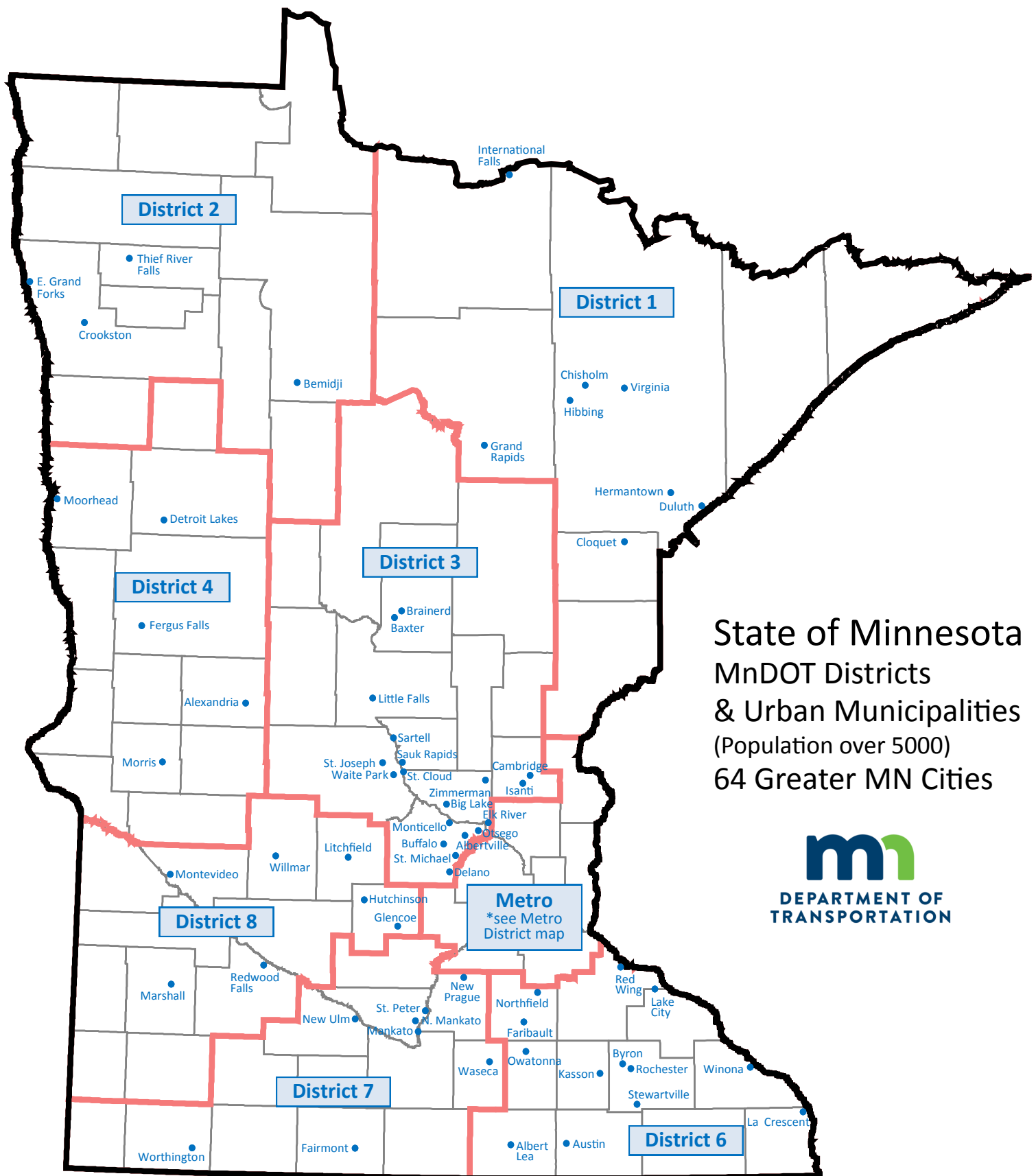
Metro District & Urban Municipalities

(Population over 5000)

35 Metro East Cities

49 Metro West Cities





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
<u>Cities</u>	Permanent	Cindy Voigt	Duluth	(218) 730-5200
<u>of the</u>	Permanent	Don Elwood	Minneapolis	(612) 673-3622
<u>First</u>	Permanent	Dillon Dombrowski	Rochester	(507) 328-2426
<u>Class</u>	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

Alternates				
District	Year Beginning		City	Phone
1	2020	Caleb Peterson	Cloquet	(218) 879-6758
2	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
<p>Jon Pratt Detroit Lakes (218) 847-5607 Expires after 2018</p> <p>Jeff Johnson Mankato (507) 387-8640 Expires after 2019</p> <p>Sean Christensen Willmar (320) 235-4202 Expires after 2020</p>	<p>Klayton Eckles Woodbury (651) 714-3593 Expires after 2018</p> <p>Jeff Johnson Mankato (507) 387-8640 Expires after 2019</p> <p>Marc Culver Roseville (651) 792-7041 Expires after 2020</p>

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	HULSETH Brainerd
2009	ELWOOD	KURTZ	VOIGT		PEDERSON Bloomington	HULSETH Brainerd	KEELY Blaine
2010	ELWOOD	KURTZ	VOIGT		HULSETH 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**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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%
Minnetrissa	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%

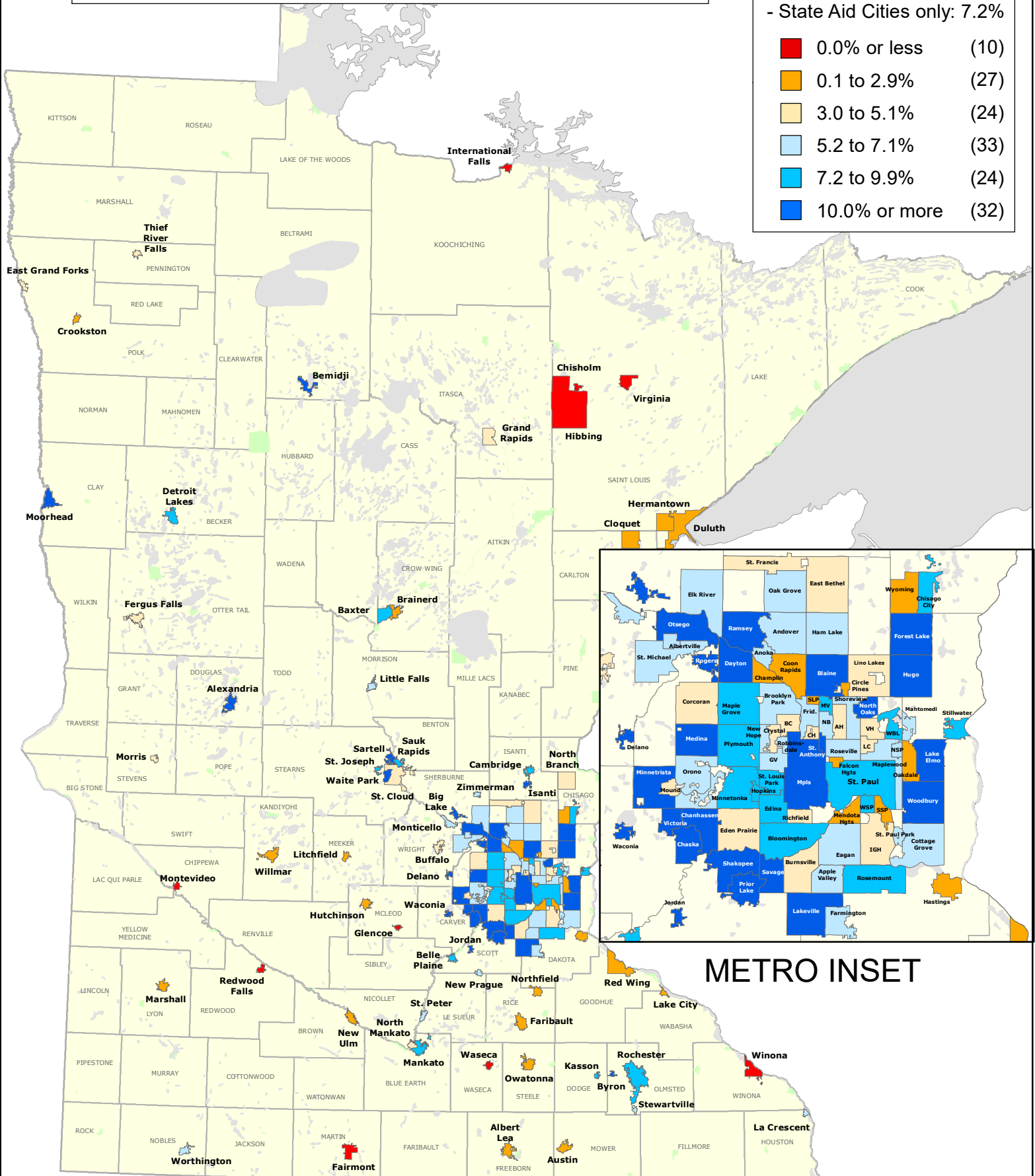
Municipality	2010 Census	Population used for the last Allocation	2017 Population Estimates (Released July 2018)	Population to be used for 2019 Allocation	Difference between Populations used for 2018 & 2019 Allocation	% Change in Population from 2010 to 2017
Oakdale	27,378	27,937	28,115	28,115	178	2.7%
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

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.

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

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

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

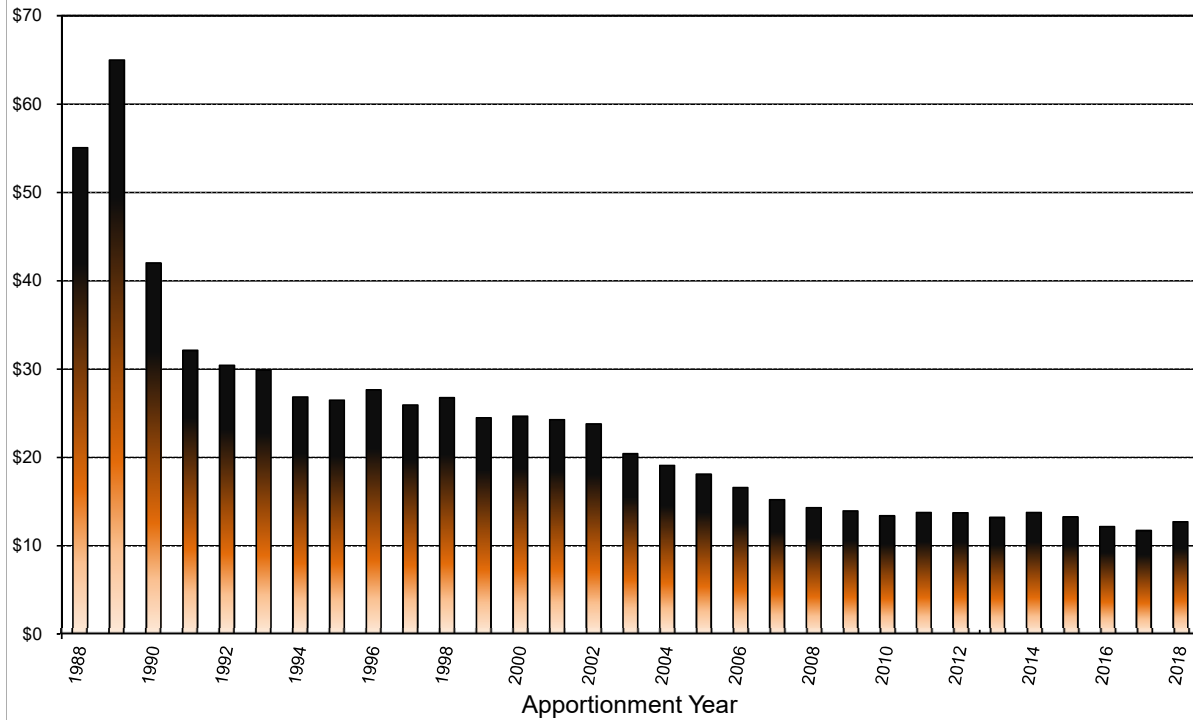
The figures for 2019 are estimates

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

** Needs were frozen in 2013.

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



Apport. Year	Const. Needs Apport. per \$1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per \$1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per \$1,000 of Adjusted Const. Needs	Percent Increase (Decrease) from 1958
1958	\$19.14		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.

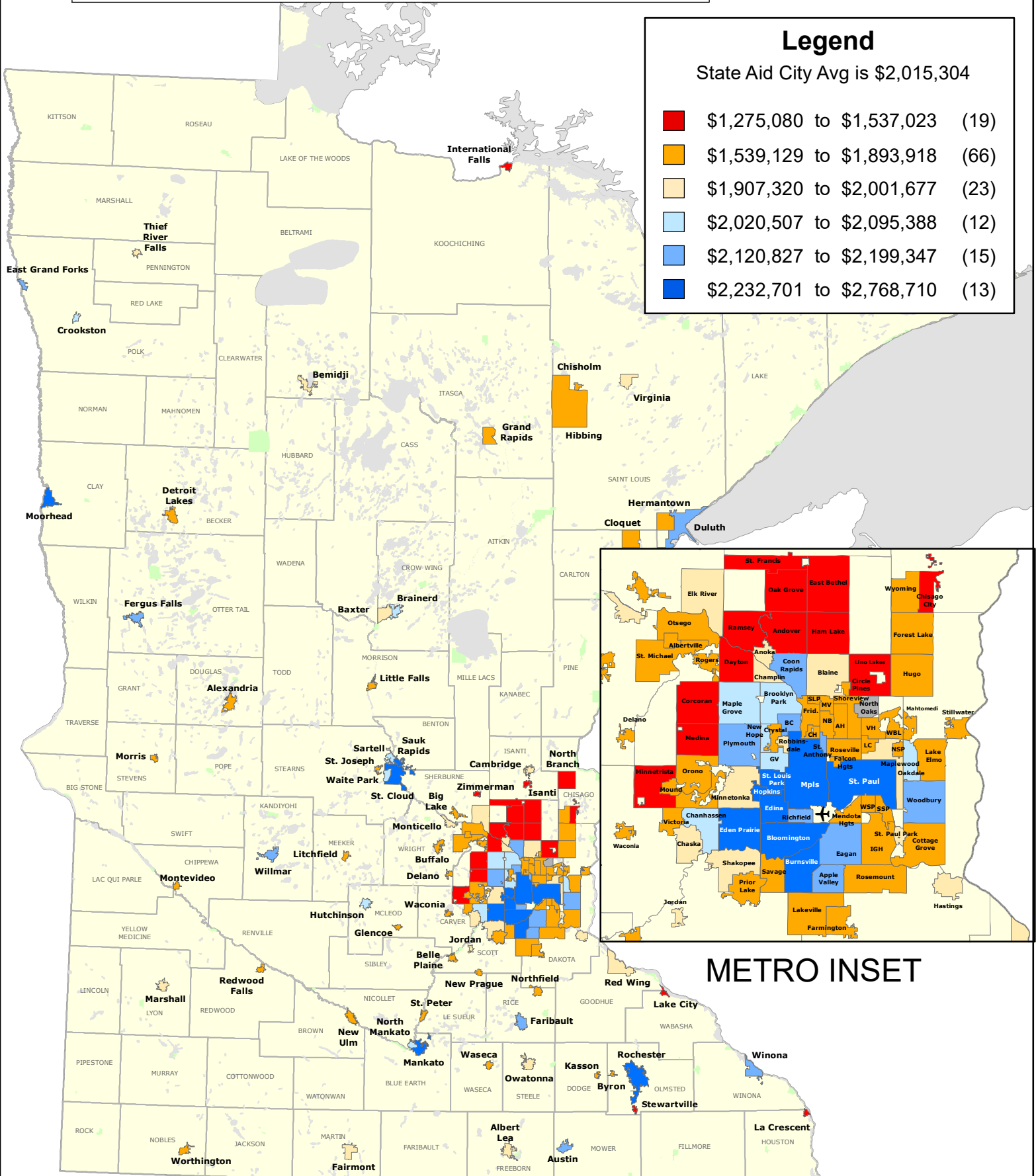
The five cities with the lowest cost per mile are listed alphabetically as follows: Corcoran, East Bethel, Ham Lake, Minnetrista and Zimmerman.

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)



METRO INSET

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

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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 to 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	City	2017 MSAS Needs Mileage	2018 MSAS Needs Mileage	Difference in Mileage	City	2017 MSAS Needs Mileage	2018 MSAS Needs Mileage	Difference in Mileage
ALBERT LEA	24.31	24.31		FRIDLEY	22.90	22.90		ORONO	9.45	9.45	
ALBERTVILLE	7.51	7.01	(0.50)	GLENCOE	8.39	8.39		OTSEGO	23.72	24.00	0.28
ALEXANDRIA	33.29	33.28	(0.01)	GOLDEN VALLEY	23.74	23.74		OWATONNA	34.64	34.64	
ANDOVER	43.48	43.48		GRAND RAPIDS	26.32	26.32		PLYMOUTH	65.31	66.43	1.12
ANOKA	15.42	16.04	0.62	HAM LAKE	33.73	34.27	0.54	PRIOR LAKE	21.63	21.63	
APPLE VALLEY	37.33	37.33		HASTINGS	22.61	22.61		RAMSEY	37.86	37.86	
ARDEN HILLS	7.53	7.53		HERMANTOWN	18.65	18.65		RED WING	24.87	24.86	(0.01)
AUSTIN	30.21	30.21		HIBBING	54.19	54.19		REDWOOD FALLS	10.52	10.61	0.09
BAXTER	17.12	17.46	0.34	HOPKINS	9.99	9.99		RICHFIELD	24.67	24.67	
BELLE PLAINE	8.95	8.95		HUGO	21.19	21.19		ROBBINSDALE	10.05	10.05	
BEMIDJI	18.72	19.01	0.29	HUTCHINSON	19.52	19.52		ROCHESTER	108.01	110.12	2.11
BIG LAKE	11.48	11.48		INTERNATIONAL FALLS	8.08	8.11	0.03	ROGERS	21.37	21.70	0.33
BLAINE	50.36	50.36		INVER GROVE HEIGHTS	34.71	34.71		ROSEMOUNT	29.385	29.385	
BLOOMINGTON	76.12	76.12		ISANTI	6.89	6.89		ROSEVILLE	31.63	31.63	
BRAINERD	19.16	19.20	0.04	JORDAN	6.08	6.10	0.02	SARTELL	18.52	18.92	0.40
BROOKLYN CENTER	21.34	21.34		KASSON	6.30	6.60	0.30	SAUK RAPIDS	14.21	14.37	0.16
BROOKLYN PARK	60.71	60.71		LA CRESCENT	5.84	5.84		SAVAGE	27.27	27.27	
BUFFALO	17.24	17.24		LAKE CITY	8.39	8.39		SHAKOPEE	38.88	38.88	
BURNSVILLE	44.77	44.77		LAKE ELMO	18.12	19.12	1.00	SHOREVIEW	19.69	19.69	
BYRON	7.59	8.08	0.49	LAKEVILLE	68.33	68.33		SHOREWOOD	9.20	9.20	
CAMBRIDGE	16.93	16.93		LINO LAKES	23.84	23.84		SOUTH ST PAUL	17.46	17.46	
CHAMPLIN	20.07	20.07		LITCHFIELD	8.77	8.77		SPRING LAKE PARK	5.82	5.82	
CHANHASSEN	22.76	22.76		LITTLE CANADA	11.35	11.35		ST ANTHONY	5.95	5.95	
CHASKA	20.95	20.80	(0.15)	LITTLE FALLS	21.75	21.75		ST CLOUD	65.90	65.90	
CHISAGO CITY	8.54	8.54		MAHTOMEDI	9.56	9.56		ST FRANCIS	13.45	13.45	
CHISHOLM	8.41	8.41		MANKATO	39.665	40.425	0.760	ST JOSEPH	6.66	6.76	0.10
CIRCLE PINES	3.60	3.60		MAPLE GROVE	58.17	58.61	0.44	ST LOUIS PARK	33.02	33.02	
CLOQUET	22.75	22.75		MAPLEWOOD	36.68	36.68		ST MICHAEL	22.91	23.16	0.25
COLUMBIA HEIGHTS	12.50	12.50		MARSHALL	18.78	18.78		ST PAUL	164.73	164.84	0.11
COON RAPIDS	43.23	44.40	1.17	MEDINA	12.59	12.59		ST PAUL PARK	5.94	5.94	
CORCORAN	15.53	15.53		MENDOTA HEIGHTS	15.17	15.17		ST PETER	14.74	14.74	
COTTAGE GROVE	35.31	35.31		MINNEAPOLIS	206.82	207.30	0.48	STEWARTVILLE	4.71	4.71	
CROOKSTON	11.58	11.58		MINNETONKA	51.19	51.19		STILLWATER	18.25	18.87	0.62
CRYSTAL	17.47	17.58	0.11	MINNETRISTA	12.98	12.98		THIEF RIVER FALLS	16.23	16.74	0.51
DAYTON	10.62	10.62		MONTEVIDEO	8.98	8.98		VADNAIS HEIGHTS	9.17	9.17	
DELANO	6.21	6.21		MONTICELLO	12.19	12.19		VICTORIA	8.77	8.77	
DETROIT LAKES	24.52	24.52		MOORHEAD	48.01	49.91	1.90	VIRGINIA	16.36	16.36	
DULUTH	116.71	118.12	1.41	MORRIS	9.18	9.18		WACONIA	14.36	14.36	
EAGAN	49.03	49.24	0.21	MOUND	7.94	7.94		WAITE PARK	7.02	7.77	0.75
EAST BETHEL	28.84	28.84		MOUNDS VIEW	10.86	10.86		WASECA	7.71	7.71	
EAST GRAND FORKS	16.99	16.99		NEW BRIGHTON	15.27	15.27		WEST ST PAUL	13.58	13.58	
EDEN PRAIRIE	48.54	48.54		NEW HOPE	12.86	12.86		WHITE BEAR LAKE	20.94	20.94	
EDINA	40.85	40.85		NEW PRAGUE	7.76	7.76		WILLMAR	27.87	27.99	0.12
ELK RIVER	38.27	38.27		NEW ULM	18.01	18.01		WINONA	21.86	21.89	0.03
FAIRMONT	20.12	20.12		NORTH BRANCH	27.81	27.81		WOODBURY	57.52	58.89	1.37
FALCON HEIGHTS	3.29	3.29		NORTH MANKATO	15.77	15.77		WORTHINGTON	11.79	11.78	(0.01)
FARIBAULT	24.07	24.07		NORTH ST PAUL	11.34	11.34		WYOMING	15.92	16.06	0.14
FARMINGTON	16.69	16.95	0.26	NORTHFIELD	17.06	17.06		ZIMMERMAN	6.51	6.52	0.01
FERGUS FALLS	26.18	26.66	0.48	OAK GROVE	25.73	26.59	0.86				
FOREST LAKE	33.83	33.83		OAKDALE	19.39	19.39					
								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.

Unrestricted Cities in the Metro

A map of Minnesota showing its 87 counties. The counties are color-coded into three groups: purple, yellow, and white. The purple group includes Hennepin, Ramsey, Anoka, and Washington counties, as well as parts of Dakota, Lincoln, and Wright counties. The yellow group includes counties such as St. Louis, Dakota, Lincoln, Wright, and many others in the central and southern parts of the state. The white group includes the northernmost counties like St. Francis, Lake, and Itasca, as well as some western border counties like Kandake and Grant.

A map of Minnesota showing its county boundaries and names. The counties are labeled as follows: St. Francis, Elk River, Oak Grove, East Bethel, Wyoming, Chisago City, Otsego, Ramsey, Andover, Ham Lake, Forest Lake, Albertville, Anoka, Coon Rapids, Blaine, Lino Lakes, Hugo, St. Michael, Rogers, Dayton, Champlin, Circle Pines, Corcoran, Maple Grove, Brooklyn Park, SLP, MV, Shoreview, North Oaks, Mahtomedi, Stillwater, Delano, Medina, Plymouth, New Hope, BC, Frid., NB, AH, CH, VH, WBL, Lake Elmo, Minnetrista, Orono, Crystal, Robbinsdale, St. Anthony, Roseville, LC, NSP, Maplewood, Oakdale, Mound, Minnetonka, St. Louis Park, Hopkins, Mpls, Falcon Hgts, St. Paul, Woodbury, Chanhasseen, Victoria, Eden Prairie, Edina, Richfield, Mendota Hgts, WSP, SSP, Chaska, Bloomington, Burnsville, Eagan, IGH, St. Paul Park, Cottage Grove, Shakopee, Savage, Apple Valley, Rosemount, Prior Lake, Lakeville, Farmington, Jordan, Hastings, and Waconia.

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 Needs* 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

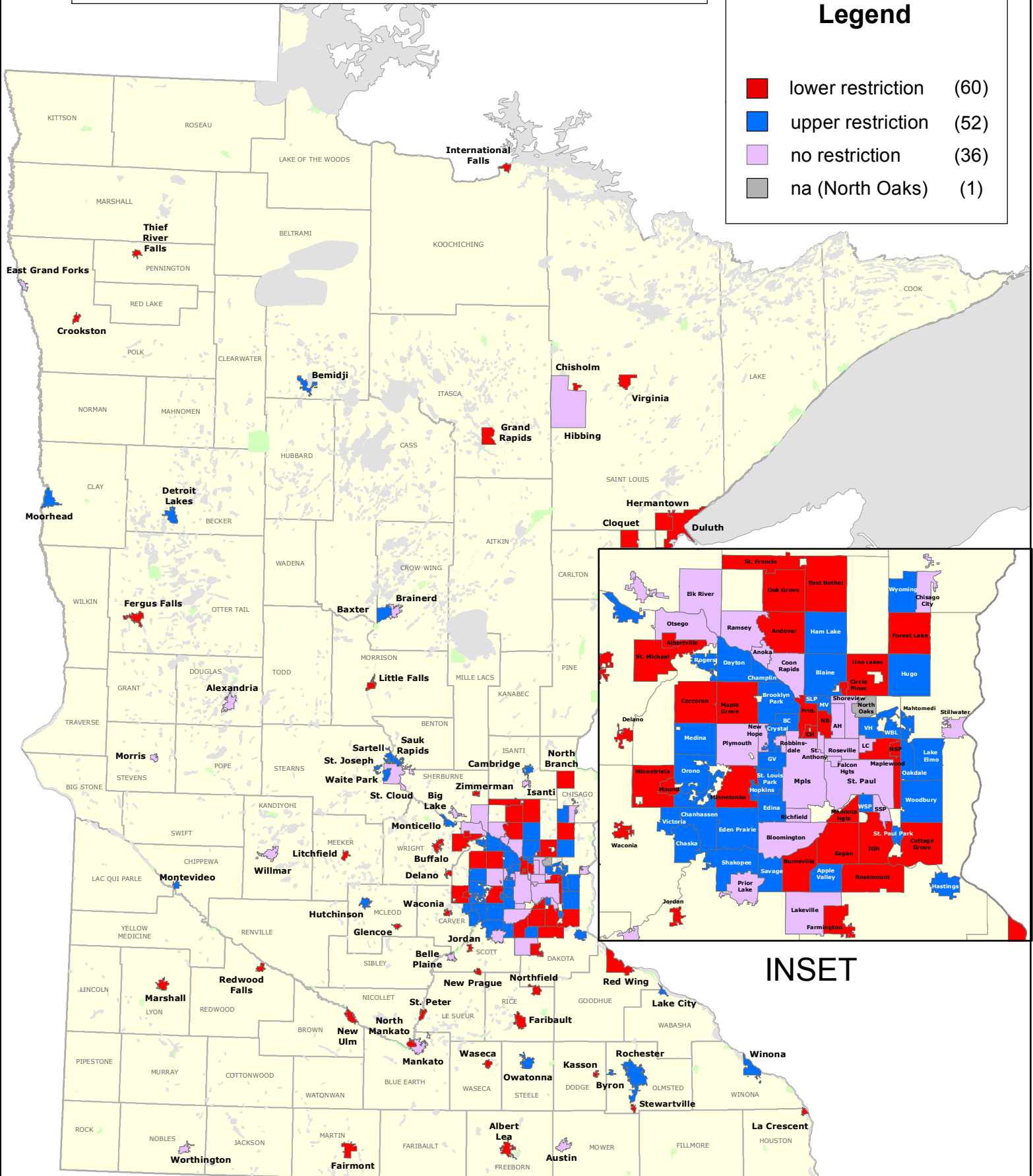
** Have been on lower restriction since Phase-in began

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

Restricted Cities, 2014

Legend

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

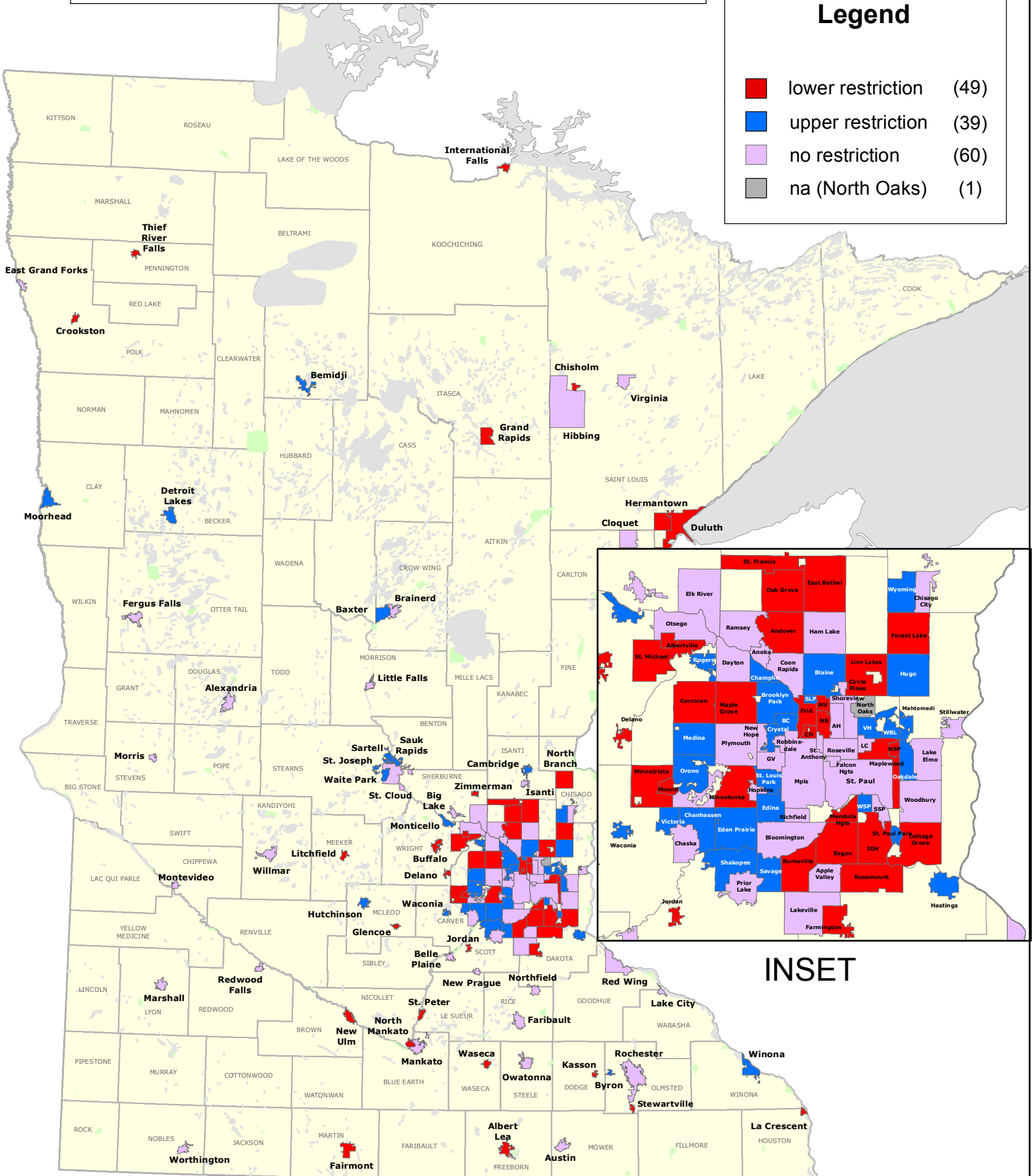


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Restricted Cities, 2015

Legend

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

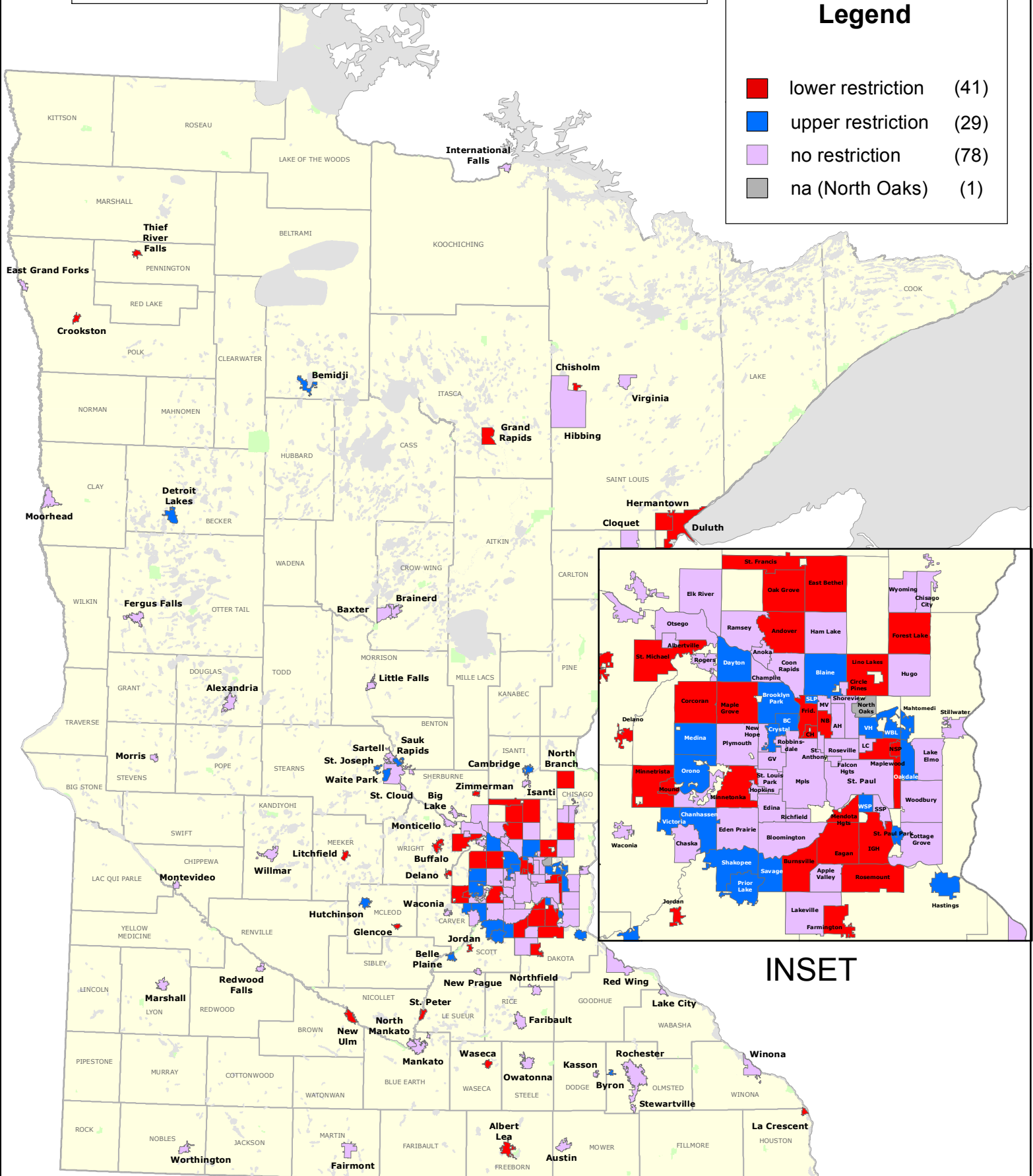


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Restricted Cities, 2016

Legend

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

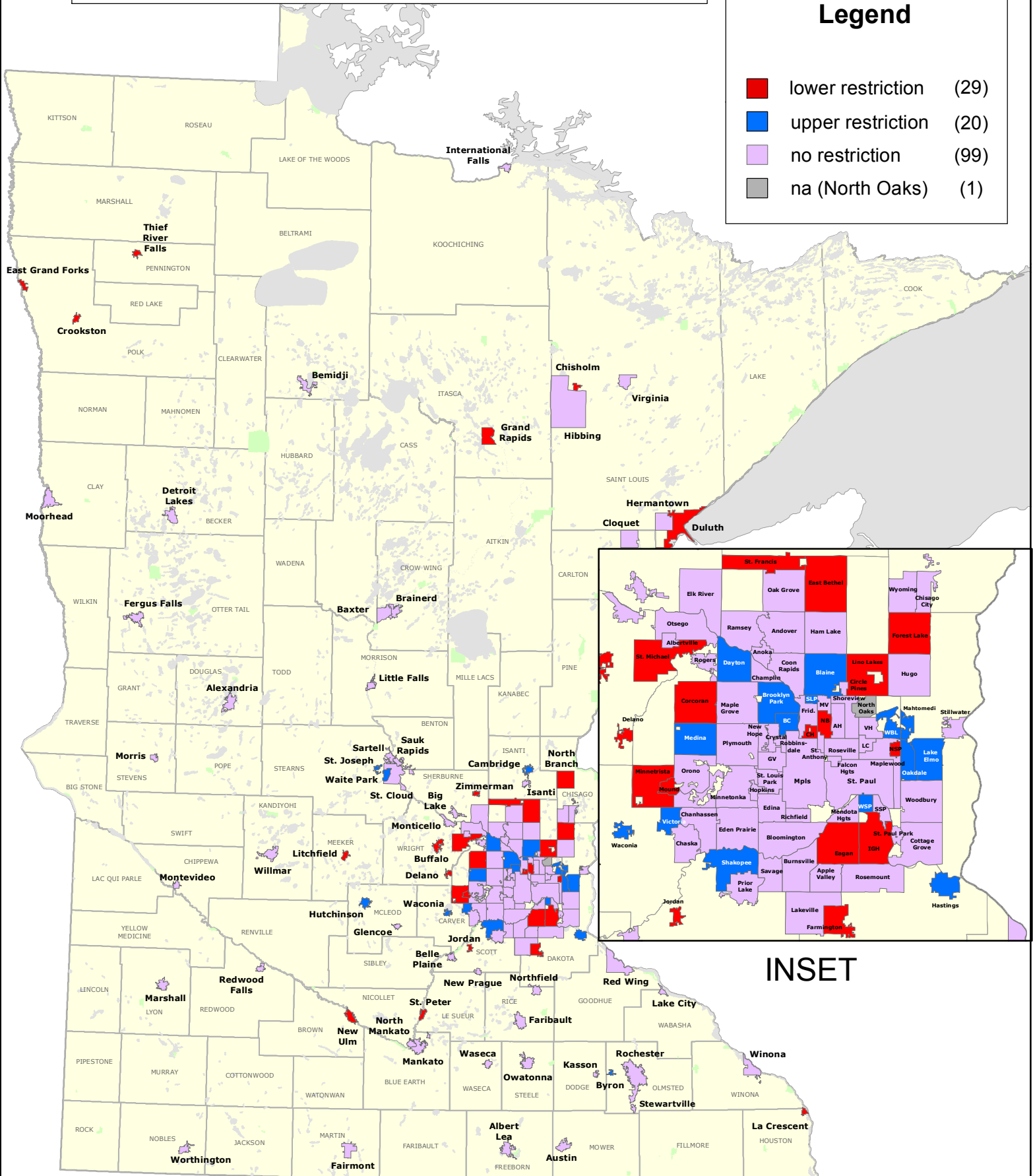


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Restricted Cities, 2017

Legend

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

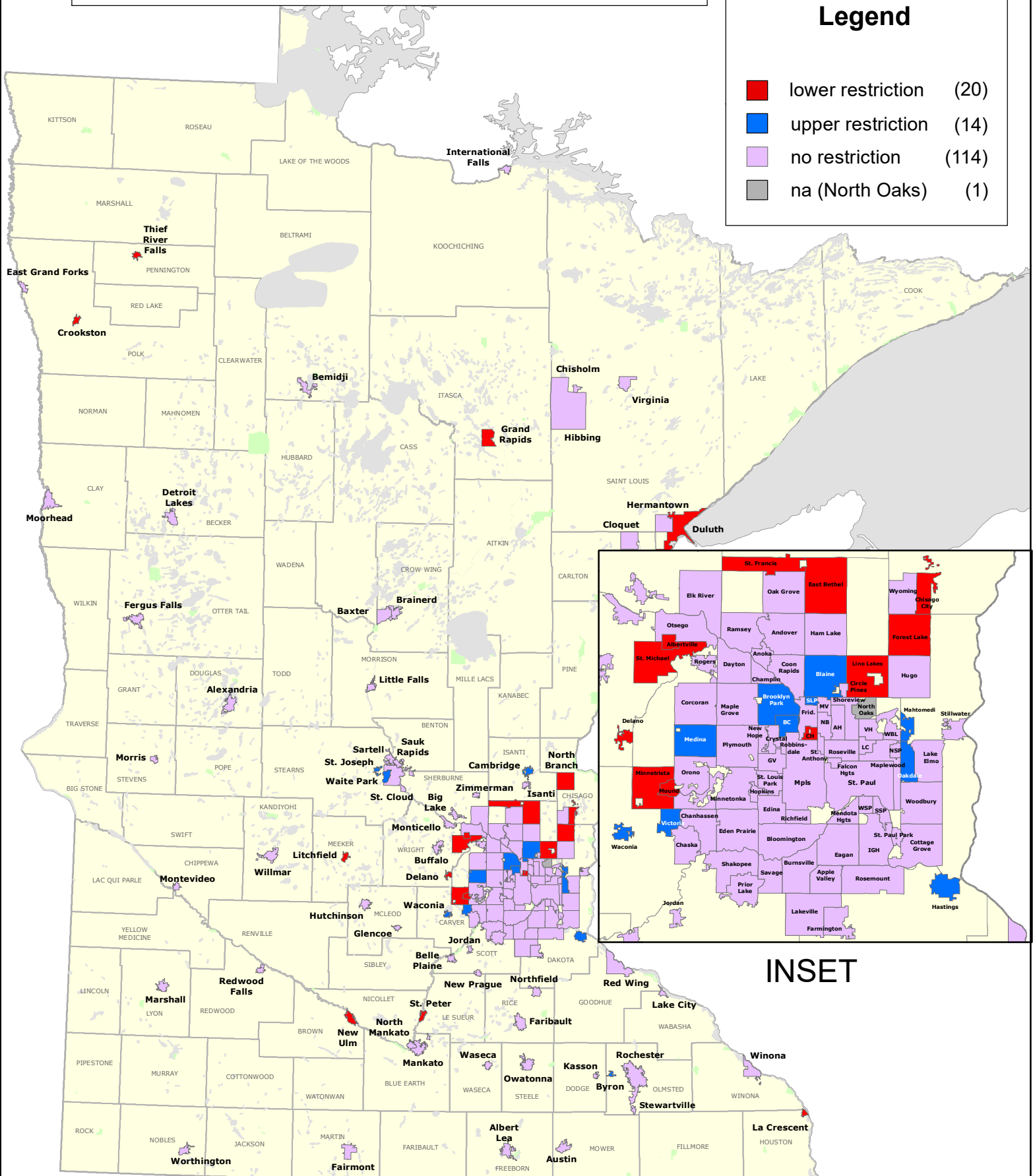


INSET

Restricted Cities, 2018

Legend

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



INSET

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

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

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

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

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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	Minnetrissa	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

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	Municipality	2018 Total Needs Mileage	2019 Money Needs Allocation Per Need Mile	Municipality	2018 Total Needs Mileage	2019 Total Allocation Per Need Mile
Minneapolis	207.30	\$49,670	St. Paul	164.84	\$35,407	Minneapolis	207.30	\$84,260
Hopkins	9.99	46,379	Minneapolis	207.30	34,590	St. Paul	164.84	80,957
St. Paul	164.84	45,550	Moorhead	49.91	32,604	Hopkins	9.99	74,369
New Hope	12.86	40,686	Richfield	24.67	31,804	Richfield	24.67	67,777
Falcon Heights	3.29	40,125	Rochester	110.12	31,483	New Hope	12.86	66,188
Columbia Heights	12.50	39,153	Crookston	11.58	30,932	St. Louis Park	33.02	65,331
West St. Paul	13.58	37,706	Bloomington	76.12	30,470	St. Anthony	5.95	64,764
St. Anthony	5.95	37,550	Thief River Falls	16.74	29,397	Coon Rapids	44.40	62,873
New Brighton	15.27	36,380	St. Louis Park	33.02	29,353	Eagan	49.24	62,046
St. Louis Park	33.02	35,979	Mankato	40.43	29,254	Burnsville	44.77	62,038
Richfield	24.67	35,973	Edina	40.85	29,173	West St. Paul	13.58	61,564
Robbinsdale	10.05	35,908	St. Cloud	65.90	28,667	Columbia Heights	12.50	61,415
Brooklyn Center	21.34	35,443	Sauk Rapids	14.37	28,666	Falcon Heights	3.29	60,983
Oakdale	19.39	35,212	Duluth	118.12	28,337	Apple Valley	37.33	60,731
Coon Rapids	44.40	34,607	Burnsville	44.77	28,277	Edina	40.85	60,382
Apple Valley	37.33	34,063	Eagan	49.24	28,268	Eden Prairie	48.54	60,089
Circle Pines	3.60	33,884	Coon Rapids	44.40	28,266	Robbinsdale	10.05	59,824
Eagan	49.24	33,778	Eden Prairie	48.54	28,207	Bloomington	76.12	58,827
Burnsville	44.77	33,761	Hopkins	9.99	27,990	Winona	21.89	58,196
Vadnais Heights	9.17	33,644	Fergus Falls	26.66	27,773	Brooklyn Center	21.34	57,575
Shoreview	19.69	32,619	Plymouth	66.43	27,748	New Brighton	15.27	57,050
Stewartville	4.71	32,364	Winona	21.89	27,561	Rochester	110.12	57,025
Brooklyn Park	60.71	32,347	Woodbury	58.89	27,409	Blaine	50.36	56,586
Arden Hills	7.53	32,151	Faribault	24.07	27,312	Oakdale	19.39	56,089
Farmington	16.95	32,123	East Grand Forks	16.99	27,298	Woodbury	58.89	56,039
Eden Prairie	48.54	31,882	St. Anthony	5.95	27,214	Plymouth	66.43	55,854
Crystal	17.58	31,674	Apple Valley	37.33	26,668	Vadnais Heights	9.17	55,748
Blaine	50.36	31,523	Willmar	27.99	26,632	Chaska	20.80	55,681
Chaska	20.80	31,455	Sartell	18.92	26,615	Brooklyn Park	60.71	55,283
Edina	40.85	31,209	Austin	30.21	26,503	Mankato	40.43	55,077
Winona	21.89	30,635	Brainerd	19.20	26,468	Shoreview	19.69	54,557
Fridley	22.90	30,401	Hutchinson	19.52	26,170	Farmington	16.95	54,169
Mounds View	10.86	29,801	Grand Rapids	26.32	26,021	Circle Pines	3.60	54,150
Waseca	7.71	29,646	Maple Grove	58.61	25,889	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
Avg.		\$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
Avg.		\$46,435

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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 Unencumbered 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	Transfers	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

Amount Spent



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 $\frac{1}{4}$ of the signal cost. Only signal legs on designated MSAS routes will be included in the Needs study. Stand-alone pedestrian crossing signals will not be included in the Needs study.

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

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

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	MUNICIPALITY	GRADING / PAVING	TOWN SEWER	GRAVEL BASE	BITUMINOUS BASE	CURB & GUTTER	SIDWALK	SIGNALS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL TOTALS	PER MILEAGE	COST	MUNICIPALITY	
2018		EXCAVATION														
01	ALBERT LEA	152,438.401	\$4,358.271	\$5,762.696	\$6,841.536	\$4,296.639	\$7,024.776	\$1,160.647	\$2,431.000	\$2,006.822	\$8,664.817	\$47,717.625	24.31	\$1,902.881	ALBERT LEA	
242	ALBERTVILLE	1,524,838	1,257,226	1,730,177	1,957,947	1,255,698	2,035,704	100,926	701,000	0	2,317,374	12,850,890	7.01	1,833,223	ALBERTVILLE	
02	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	
186	ANDOVER	1,707,832	1,470,781	6,533,437	10,161,748	7,648,025	9,647,088	958,789	4,338,000	481,000	11,932,958	66,173,568	43.48	1,521,933	ANDOVER	
3	ANOKA	3,267,818	2,878,118	3,267,818	4,497,638	2,866,384	2,866,384	2,866,384	2,866,384	2,866,384	2,866,384	2,866,384	16.84	2,866,384	ANOKA	
188	APPLE VALLEY	9,608,741	6,948,378	11,432,668	12,928,533	6,948,378	12,928,533	6,948,378	12,928,533	6,948,378	12,928,533	6,948,378	37.33	1,244,677	APPLE VALLEY	
187	ARDEN HILLS	1,290,910	1,294,059	1,245,609	1,811,752	1,289,504	1,851,300	201,852	753,000	68,464	2,157,837	11,965,077	7.53	1,588,988	ARDEN HILLS	
04	AUSTIN	6,528,078	5,423,427	7,238,184	8,752,552	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	3,194,047	4,937,144	5,539,739	3,212,002	4,970,196	605,555	1,746,000	0	2,620,681	34,396,706	17.46	1,970,429	BAXTER	
239	BELLE PLAINE	1,439,248	1,569,247	1,837,726	2,311,388	1,502,745	2,337,720	201,852	701,000	0	893,647	16,006,608	8.95	1,748,038	BELLE PLAINE	
185	BEMIDJI	3,972,873	3,395,287	4,317,378	5,297,096	3,395,287	5,297,096	3,395,287	5,297,096	3,395,287	5,297,096	3,395,287	19.41	1,843,336	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	3,208,345	17,791,722	11.48	1,549,802	BIG LAKE	
06	BLAINE	11,834,870	1,979,579	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	32,363,466	180,579,374	76.12	2,372,299	BLOOMINGTON	
108	BRAINERD	3,419,361	3,419,361	4,269,184	3,358,106	3,358,106	3,358,106	3,358,106	3,358,106	3,358,106	3,358,106	3,358,106	19.20	2,035,310	BRAINERD	
172	BROOKLYN CENTER	5,214,077	3,931,527	6,155,255	6,740,400	4,226,146	6,740,400	4,226,146	6,740,400	4,226,146	6,740,400	4,226,146	21.33	1,742,606	BROOKLYN CENTER	
170	BROOKLYN PARK	14,734,979	11,155,100	17,394,562	18,863,236	11,032,973	17,389,528	4,566,881	6,071,000	145,683	22,341,912	123,896,444	60.71	2,040,785	BROOKLYN PARK	
213	BUFFALO	3,718,235	3,092,571	4,153,161	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	14,536,920	16,115,815	9,261,584	13,001,208	5,197,661	4,477,000	0	18,210,238	100,984,143	44.77	2,255,621	BURNSVILLE	
249	BYRON	1,586,362	1,426,845	1,663,587	2,140,050	1,420,408	2,140,050	350,463	808,000	0	2,572,745	13,599,520	8.08	1,727,630	BYRON	
18	CAMBRIDGE	3,769,232	3,048,198	4,173,646	4,791,585	2,864,445	4,791,585	201,852	1,693,000	0	6,009,076	33,655,783	16.93	1,987,338	CAMBRIDGE	
193	CHAMPLIN	4,432,081	3,613,331	5,004,782	5,845,707	4,044,807	5,845,707	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	4,971,354	5,797,835	3,556,206	5,626,500	1,034,486	2,080,000	1,716,681	7,248,390	40,195,616	20.80	1,932,482	CHASKA	
252	CHISAGO CITY	1,302,752	1,444,898	1,116,904	1,904,289	1,433,300	1,912,284	100,926	858,000	0	2,272,112	13,317,064	8.54	1,442,279	CHISAGO CITY	
111	COLUMBIA HEIGHTS	1,402,437	1,408,343	1,278,681	1,408,343	1,408,343	1,408,343	1,408,343	1,408,343	1,408,343	1,408,343	1,408,343	13.41	1,408,343	COLUMBIA HEIGHTS	
244	CIRCLE PINES	991,399	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	5,908,188	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	3,423,784	504,627	1,250,000	0	3,990,072	22,126,739	12.50	1,770,141	COLUMBIA HEIGHTS	
114	COON RAPIDS	11,044,081	8,215,513	12,926,207	14,818,526	8,142,582	12,732,588	4,037,022	4,440,000	3,677,802	17,609,200	97,655,000	44.40	2,199,347	COON RAPIDS	
115	CORCORAN	1,085,534	1,373,538	1,373,538	1,373,538	1,373,538	1,373,538	1,373,538	1,373,538	1,373,538	1,373,538	1,373,538	15.53	1,373,538	CORCORAN	
180	COTTAGE GROVE	7,246,866	6,356,050	8,577,345	10,605,324	6,952,906	9,300,060	131,202	5,531,000	302,753	12,030,512	66,714,668	35.31	1,889,399	COTTAGE GROVE	
115	CROOKSTON	2,149,563	2,023,920	2,171,216	1,944,321	1,558,000	3,153,744	252,315	1,158,000	3,733,132	4,299,488	23,842,611	11.58	2,056,947	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	1,766,653	1,254,568	2,294,454	1,902,352	2,125,728	100,926	1,062,000	0	2,647,676	14,660,375	10.62	1,380,450	DAYTON	
247	DELANO	1,051,653	1,085,093	1,085,093	1,085,093	1,085,093	1,085,093	1,085,093	1,085,093	1,085,093	1,085,093	1,085,093	10.85	1,085,093	DELANO	
117	DETROIT LAKES	4,936,249	4,350,317	5,236,559	6,679,776	4,171,011	7,013,160	908,332	2,452,000	726,315	8,012,795	44,431,814	24.52	1,821,064	DETROIT LAKES	
118	DULUTH	27,072,597	21,455,537	30,867,490	35,970,809	20,339,848	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	16,599,502	9,180,991	14,200,560	2,926,847	4,924,000	19,222,024	49,724,245	216,480,842	49.24	2,164,802	EAGAN	
203	EAST BETHEL	3,898,374	4,797,787	2,890,932	6,059,511	4,842,530	6,136,152	0	2,884,000	29,767	6,945,036	33,513,369	28.84	1,335,415	EAST BETHEL	
119	EAST GRAND FORKS	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	3,006,237	16.99	2,177,803	EAST GRAND FORKS	
192	EDEEN PRAIRIE	12,917,485	9,113,155	15,552,155	17,186,060	9,852,155	13,847,124	4,566,822	4,354,000	1,440,190	10,853,090	60,853,090	48.53	1,734,474	EDEEN PRAIRIE	
120	EDINA	10,921,946	7,670,762	13,293,637	14,193,477	7,527,097	11,862,840	4,743,495	4,085,000	3,601,983	17,736,954	95,032,191	40.85	2,356,369	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	4,986,657	5,546,068	3,595,016	5,597,460	110,182	2,012,000	110,834	6,935,402	38,578,581	20.12	1,917,400	FAIRMONT	
124	FALCON HEIGHTS	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	4,668,258	46.68	1,603,909	FALCON HEIGHTS	
235	FARIBAUT	5,614,968	4,388,803	6,500,473	8,095,923	4,041,246	8,095,923	807,401	2,357,000	2,407,000	5,065,462	9,471,241	52,323,316	24.07	1,932,605	FARIBAUT
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	3,575,026	20,806,500	16.95	1,758,232	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	55,556,705	26.66	1,964,426	FERGUS FALLS	
214	FOREST LAKE	6,144,904	5,889,889	6,193,422	8,601,400	5,826,720	8,595,840	857,869	3,383,000	0	10,017,090	55,549,324	33.83	1,642,014	FOREST LAKE	
127	FRIDLEY	4,530,942	4,439,459	4,799,556	6,116,568	4,439,459	6,101,992	1,000,259	2,250,000	0	7,247,904	40,192,922	22.50	1,755,149	FRIDLEY	
128	GLENCOE	4,632,710	4,288,329	4,288,329	4,288,329	4,288,329	4,288,329	4,288,329	4,288,329	4,288,329	4,288,329	4,288,329	42.88	1,431,517	GLENCOE	
128	GOLDEN VALLEY	5,540,158	4,549,656	6,389,409	7,231,956	4,281,551	6,854,892	2,724,991	2,374,000	931,707	9,844,834	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	4,419,339	7,210,632	1,009,258	2,632,000	1,248,113	8,350,967	46,309,907	26.32	1,759,495	GRAND RAPIDS	
197	HAM LAKE	4,765,366	5,721,596	3,674,152	7,343,457	5,749,008	7,438,596	151,388	3,427,000	196,462	8,464,972	46,402,087	34.27	1,360,772	HAM LAKE	
130	HASTINGS	5,596,508	4,108,030	5,966,546	6,716,401	5,796,306	6,484,652	706,842	2,261,000	1,559,827	8,049,743	44,639,495	22.61	1,974,325	HASTINGS	
131	HERMAN TOWN	3,996,641	3,318,283	4,475,153	5,175,099	3,318,283	5,175,099	3,318,283	5,175,099	3,318,283	5,175,099	3,318,283	18.45	1,783,474	HERMAN TOWN	
131	HIBBING	9,216,107	9,328,262	8,726,243	10,734,613	9,216,107	10,734,613	807,400	5,549,000	34,232	15,672,251	84,190,266	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</					

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	MILEAGE CERT LINE 7	MILEAGE CERT LINE 2	MILEAGE CERT LINE 6	MILEAGE CERT COLUMN X1	MILEAGE CERT COLUMN X	MILEAGE CERT COLUMN IX	MILEAGE CERT LINE 13	TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH	MUNICIPALITY
					CSAH TURNBACK	COUNTY ROAD TURNBACK	TRUNK HIGHWAY TURNBACK	MSAS MILEAGE EXCLUDE TP's	IMPROVED MILEAGE	UNIMPROVED MILEAGE	NON-EXISTING MILEAGE				
101	ALBERT LEA				0.28	0.90	1.00	22.13	24.31			24.31	24.31	24.31	ALBERT LEA
242	ALBERTVILLE		0.40					7.01	7.01			7.01	7.01	7.01	ALBERTVILLE
100	ALEXANDRIA				4.79	7.05	0.59	20.85	32.28			32.28	32.28	32.28	ALEXANDRIA
198	ANDOVER	0.04	1.71			1.80		41.68	33.61		9.91	43.48	43.52	43.52	ANDOVER
103	ANOKA		0.05			1.80	1.07	13.17	16.04			16.04	16.04	16.04	ANOKA
186	APPLE VALLEY				0.82			36.51	35.09		2.24	37.33	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	7.53	ARDEN HILLS
104	AUSTIN						4.72	25.49	29.96	0.25		30.21	30.21	30.21	AUSTIN
230	BAXTER							17.46	17.08			17.46	17.46	17.46	BAXTER
239	BELLE PLAINE							8.95	8.43		0.52	8.95	8.95	8.95	BELLE PLAINE
105	BEMIDJI				0.95			18.06	19.01			19.01	19.01	19.01	BEMIDJI
232	BIG LAKE							11.48	11.30	0.18		11.48	11.48	11.48	BIG LAKE
106	BLAINE		0.17			2.37		47.99	46.01		4.35	50.36	50.36	50.36	BLAINE
107	BLOOMINGTON		0.65		0.58		1.54	74.00	76.12			76.12	76.12	76.12	BLOOMINGTON
108	BRAINERD						2.48	16.72	18.37		0.83	19.20	19.20	19.20	BRAINERD
109	BROOKLYN CENTER		0.94				0.52	20.82	21.34			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	60.71	BROOKLYN PARK
213	BUFFALO	0.09			1.16	1.46		14.62	17.33			17.24	17.33	17.33	BUFFALO
179	BURNSVILLE							44.77	44.77			44.77	44.77	44.77	BURNSVILLE
249	BYRON					1.99		6.09	8.08			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	16.93	CAMBRIDGE
193	CHAMPLIN		2.06		0.14			19.23	19.77		0.30	20.07	20.07	20.07	CHAMPLIN
194	CHAMHASSEN		0.50					22.16	22.35		0.41	22.76	22.76	22.76	CHAMHASSEN
196	CHASSA		0.11			2.40		18.40	19.46		1.24	20.80	20.80	20.80	CHASSA
252	CHISAGO CITY							8.54	8.54			8.54	8.54	8.54	CHISAGO CITY
111	CHISHOLM						0.72	7.69	8.41			8.41	8.41	8.41	CHISHOLM
244	CIRCLE PINES							3.60	3.24		0.36	3.60	3.60	3.60	CIRCLE PINES
112	CLOQUET						1.75	21.00	22.59		0.16	22.75	22.75	22.75	CLOQUET
113	COLUMBIA HEIGHTS		1.58			0.88		11.62	12.50			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	44.40	COON RAPIDS
215	CORCORAN		0.51					15.53	15.08		0.45	15.53	15.53	15.53	CORCORAN
180	COTTAGE GROVE					1.25		34.06	28.83	1.09	5.39	35.31	35.31	35.31	COTTAGE GROVE
115	CROOKSTON						1.58	10.00	11.58			11.58	11.58	11.58	CROOKSTON
116	CRYSTAL		1.70					17.58	17.58			17.58	17.58	17.58	CRYSTAL
229	DAYTON							10.62	9.60		1.02	10.62	10.62	10.62	DAYTON
247	DELANO							6.21	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	24.52	DETROIT LAKES
118	DULUTH				0.06			90.06	117.63		0.49	118.12	118.12	118.12	DULUTH
195	EAGAN		0.42			0.25		48.82	44.80		0.44	49.24	49.24	49.24	EAGAN
203	EAST BETHEL		2.16					28.84	24.47		4.37	28.84	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	48.54	EDEN PRAIRIE
120	EDINA		1.02					40.85	40.85			40.85	40.85	40.85	EDINA
284	ELK RIVER		0.40		0.25	3.61	1.24	33.17	36.84		1.33	38.27	38.27	38.27	ELK RIVER
125	FAIRMONT							14.25	20.01		0.11	20.12	20.12	20.12	FAIRMONT
124	FALCON HEIGHTS		0.88		0.50	0.25		2.54	3.29			3.29	3.29	3.29	FALCON HEIGHTS
125	FARIBAULT	0.32					2.23	21.84	24.39			24.07	24.39	24.39	FARIBAULT
212	FARMINGTON				0.24			16.71	13.42		3.53	16.95	16.95	16.95	FARMINGTON
126	FERGUS FALLS						8.03	18.63	26.66			26.66	26.66	26.66	FERGUS FALLS
114	FOREST LAKE				8.51			25.12	32.97		0.86	33.83	33.83	33.83	FOREST LAKE
127	FRIDLEY		0.61					22.90	22.90			22.90	22.90	22.90	FRIDLEY
226	GLENCOE				0.74			7.65	8.25		0.14	8.39	8.39	8.39	GLENCOE
128	GOLDEN VALLEY							23.74	23.74			23.74	23.74	23.74	GOLDEN VALLEY
129	GRAND RAPIDS							19.25	25.68		0.64	26.32	26.32	26.32	GRAND RAPIDS
197	HAM LAKE		1.64			0.97		33.30	29.03		5.24	34.27	34.27	34.27	HAM LAKE
130	HASTINGS						2.46	20.15	22.61			22.61	22.61	22.61	HASTINGS
202	HERMANTOWN				0.24	2.91		15.50	18.57	0.08		18.65	18.65	18.65	HERMANTOWN
131	HIBBING							49.08	53.50		0.69	54.19	54.19	54.19	HIBBING
132	HOPKINS		0.44		0.35			9.64	9.92		0.07	9.99	9.99	9.99	HOPKINS
224	HUGE		0.34					21.19	20.96		0.23	21.19	21.19	21.19	HUGE
133	HUTCHINSON				2.77	3.03	0.21	13.51	19.52			19.52	19.52	19.52	HUTCHINSON
134	INTERNATIONAL FALLS							8.11	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	34.71	INVER GROVE HEIGHTS
245	ISANTI							6.89	6.83		0.06	6.89	6.89	6.89	ISANTI
246	JORDAN							6.10	6.03		0.02	6.10	6.10	6.10	JORDAN
240	KASSON							6.60	6.33	0.13	0.14	6.60	6.60	6.60	KASSON
236	LA CRESCENT							5.84	5.84			5.84	5.84	5.84	LA CRESCENT
234	LAKE CITY				0.44			7.95	8.39			8.39	8.39	8.39	LAKE CITY
206	LAKE ELMO		0.04			2.15		16.97	19.12			19.12	19.12	19.12	LAKE ELMO
188	LAKEVILLE				2.53	7.29		58.38	64.86	1.32	2.15	68.13	68.33	68.33	LAKEVILLE
210	LINO LAKES		0.38		0.34	0.98	0.28	22.54	22.01		1.83	23.84	23.84	23.84	LINO LAKES
135	LITCHFIELD							8.77	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	11.35	LITTLE CANADA
136	LITTLE FALLS					1.99	2.63	17.13	21.45	0.15	0.15	21.75	21.75	21.75	LITTLE FALLS
219	MAHTOMEDI				0.99	0.69		7.88	24.56			9.56	9.56	9.56	MAHTOMEDI
137	MANKATO			0.475	1.98			31.90	40.25	0.64		40.425	40.90	40.90	MANKATO
189	MAPLE GROVE		1.00				0.50	58.11	51.44		7.17	58.61	58.61	58.61	MAPLE GROVE
138	MAPLEWOOD		1.59		7.95	3.37		25.36	36.68			36.68	36.68	36.68	MAPLEWOOD
139	MARSHALL					3.55	1.42	13.81	18.07		0.71	18.78	18.78	18.78	MARSHALL
250	MEDINA		0.94					12.59	11.59		1.00	12.59	12.59	12.59	MEDINA
140	MENDOTA HEIGHTS	0.17			0.65	0.23		14.29	15.14			15.14	15.14	15.14	MENDOTA HEIGHTS
141	MINNEAPOLIS		1.82		9.67			188.79	206.51		0.79	207.30	207.30	207.30	MINNEAPOLIS
142	MINNETONKA		2.04					51.19	51.16		0.03	51.19	51.19	51.19	MINNETONKA
243	MINNETRISTA	0.41						12.98	13.39			12.98	13.39	13.39	MINNETRISTA
143	MONTEVIDEO	0.16						8.98	9.14			8.98	9.14	9.14	MONTEVIDEO
222	MONTICELLO				0.50	0.74		10.85	11.07		0.22	12.19	12.19	12.19	MONTICELLO
144	MOORHEAD	0.25		2.10		8.49	2.99	38.43	52.26			49.91	52.26	52.26	MOORHEAD
190	MORRIS				1.80			7.38	9.18			9.18	9.18	9.18	MORRIS
145	MOUND							7.94	7.71	0.23		7.94	7.94	7.94	MOUND
146	MOUNDS VIEW		0.24		1.23	2.10		7.53	10.86			10.86	10.86	10.86	MOUNDS VIEW
147	NEW BRIGHTON				0.73	0.38		14.16	12.97		2.29	15.27	15.27	15.27	NEW BRIGHTON
182	NEW HOPE		1.53					12.86	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	7.76	NEW PRAGUE
148	NEW ULM						0.58	17.43	18.01			18.01	18.01	18.01	NEW ULM
225	NORTH BRANCH				0.20	4.52		22.49	27.18		0.63	27.81	27.81	27.81	NORTH BRANCH
150	NORTH MANKATO		0.22		0.22		1.79	13.76	13.77			13.77	13.77	13.77	NORTH MANKATO
151	NORTH ST PAUL		1.25		2.73			8.61	11.22		0.12	11.34	11.34	11.34	NORTH ST PAUL
149	NORTHFIELD				1.29		0.80	14.97	16.53		0.53	17.06			