

Municipal State Aid Street Needs Report



Superior Street Reconstruction Project

Duluth, MN

October 2019

Superior Street Reconstruction



This project started in 2018 and is a three-year reconstruction project with a bid cost of over \$28 million. Work included replacement of water main, natural gas, storm sewer, electrical ducts, and installation of new hot water lines. The existing bricks are being replaced with concrete pavement.





PREFACE

Fifty percent of the total apportionment will be distributed on prorated share of each city's population

Fifty percent of the total apportionment will be based on a prorated share of each city's Construction Needs (also called Money Needs)

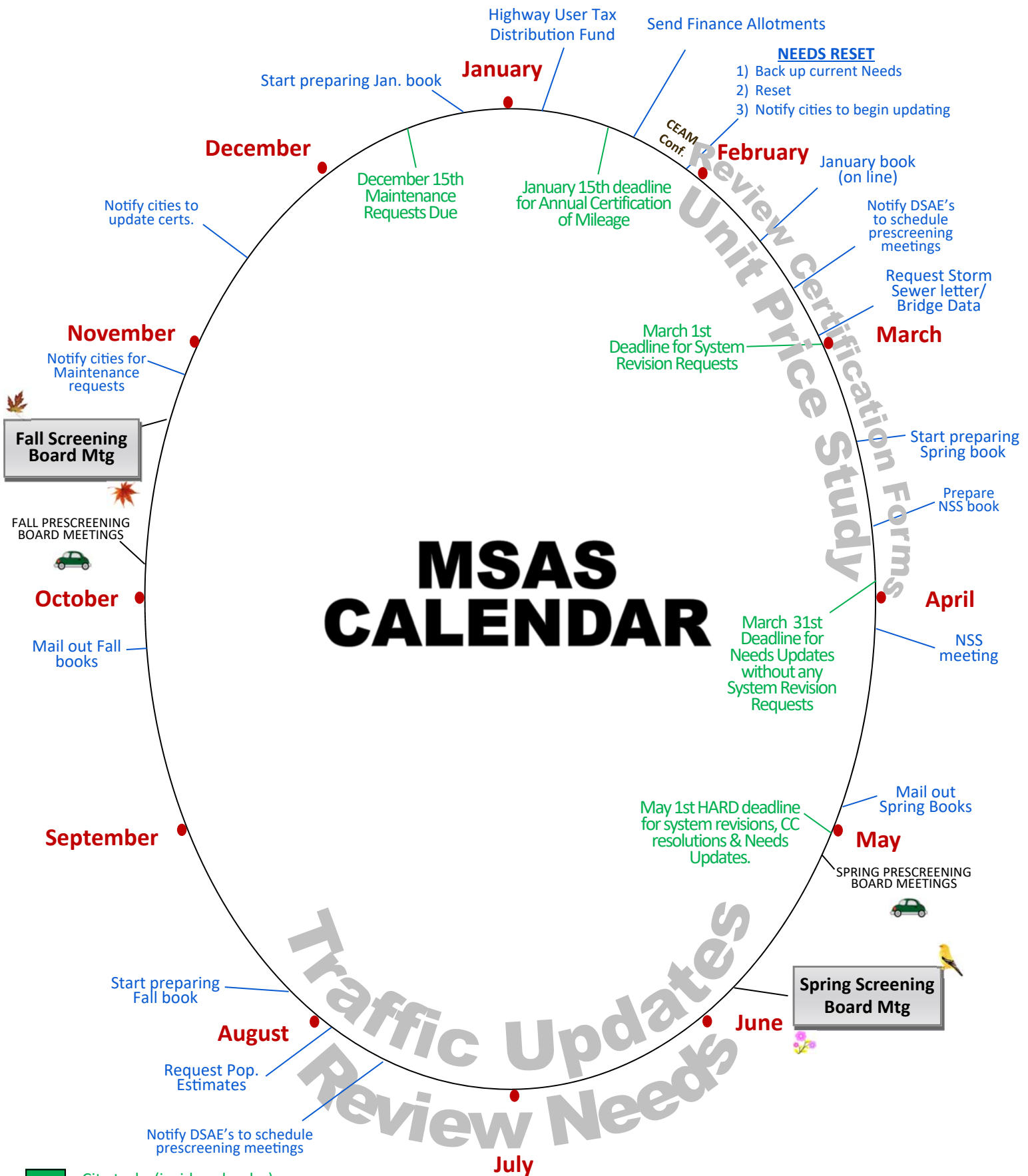
The **2019 Municipal State Aid Street Needs Report** is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

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 May 2019) 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, then the results will be used to determine the *total* allocations which will be reported in the "**2020 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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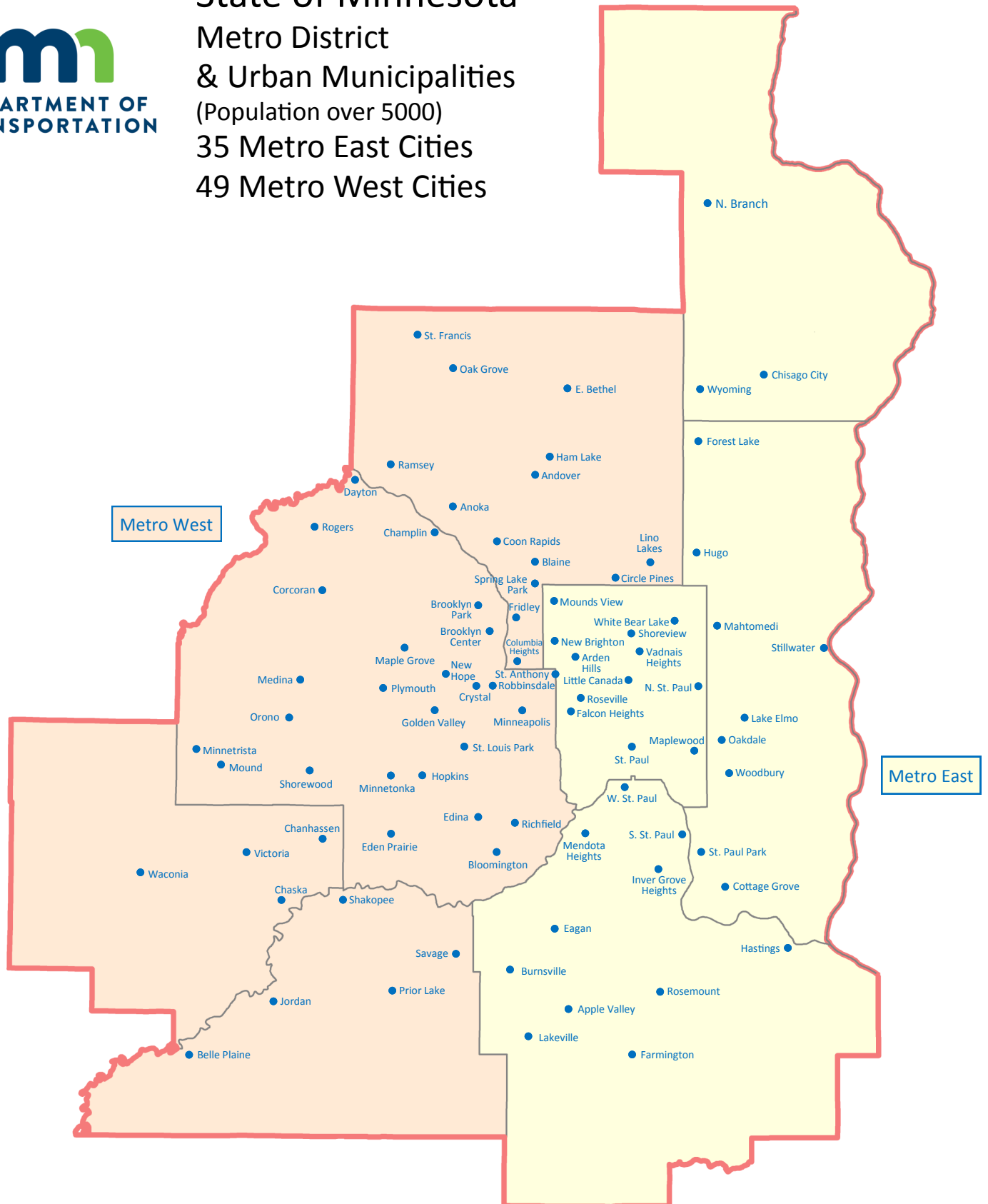
State of Minnesota

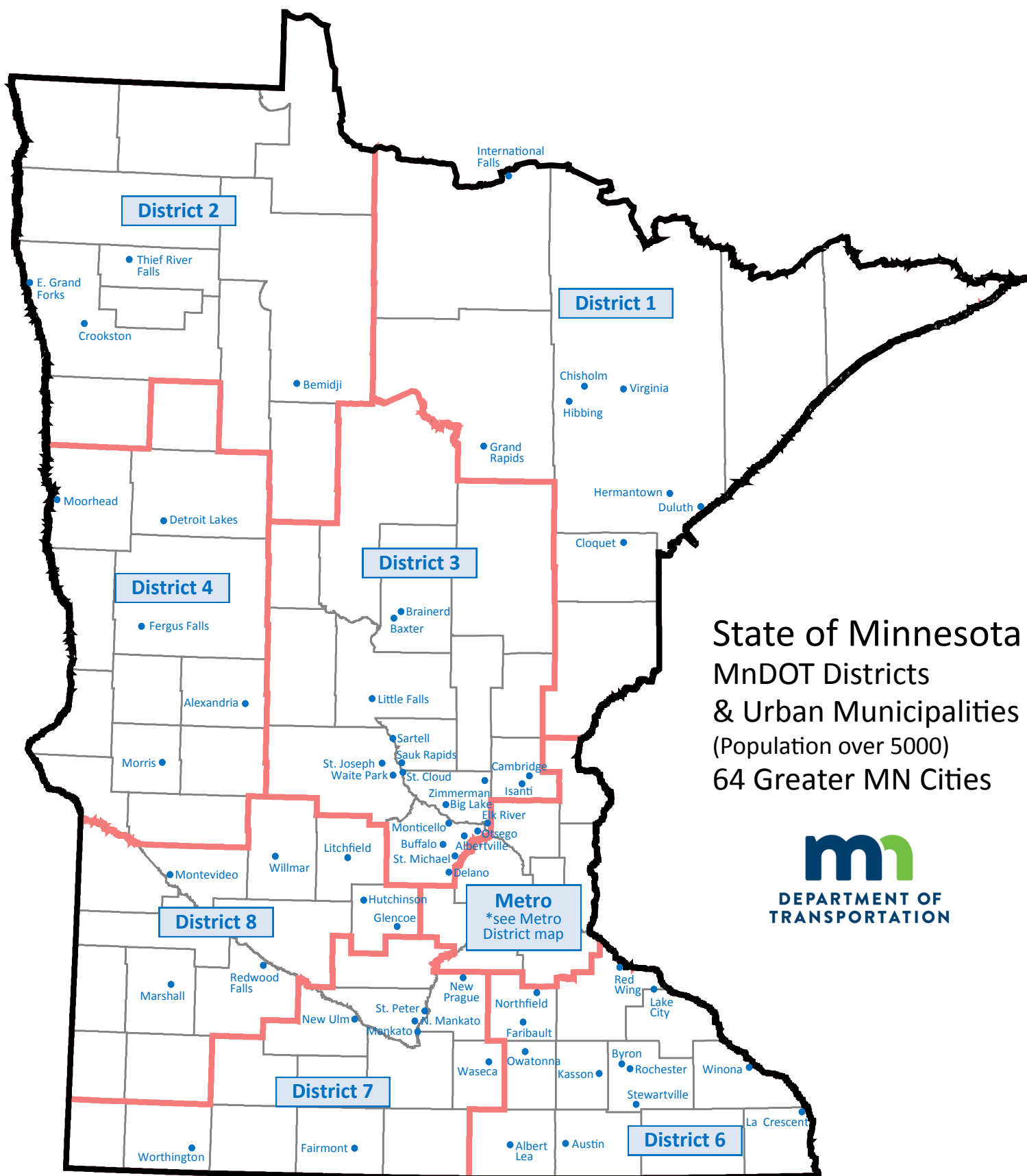
Metro District & Urban Municipalities

(Population over 5000)

35 Metro East Cities

49 Metro West Cities





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



Updated 1/8/14

2019 MUNICIPAL SCREENING BOARD

25-Jul-19

Officers			
Chair	John Gorder	Eagan	(651) 675-5645
Vice Chair	Justin Femrite	Elk River	(763) 635-1051
Secretary	Michael Thompson	Plymouth	(763) 509-5501

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	2019-2021	Brian Yavarow	Fergus Falls	(218) 332-5413
Metro-West	2019-2021	Chad Millner	Edina	(952) 826-0318
6	2019-2021	Kyle Skov	Owatonna	(507) 444-4350
7	2018-2019	Chris Cavett*	New Prague	(507) 388-1989
8	2018-2020	Owen Todd	Redwood Falls	(507) 794-5541
Metro-East	2020-2022	Brian Erickson**	Rosemount	(651) 322-2025
<u>Cities</u>	Permanent	Cindy Voigt	Duluth	(218) 730-5200
<u>of the</u>	Permanent	Jenifer Hager	Minneapolis	(612) 673-3625
<u>First</u>	Permanent	Dillon Dombrowski	Rochester	(507) 328-2421
<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	2022	Bob Zimmerman	Moorhead	(218) 299-5393
Metro-West	2022	Will Manchester	Minnetonka	(952) 939-8232
6	2022	Brandon Theobald	Kasson	(507) 288-3923
7	2020	Jeff Domras	St. Peter	(507) 625-4171
8	2021	Brad DeWolf	Litchfield	(320) 231-3956
Metro-East	2023	Zachary Johnson	Lakeville	(952) 985-4501

* Seat was vacated in 2018. Chris Cavett finishing out term thru 2019.

** this is a vacated term from 2017 to 2019 being finished out by Brian Erickson. He will resume as member in 2020

2019 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
Jeff Johnson Mankato (507) 387-8640 Expires after 2019	Jeff Johnson Mankato (507) 387-8640 Expires after 2019
Sean Christensen Willmar (320) 235-4202 Expires after 2020	Marc Culver Roseville (651) 792-7041 Expires after 2020
Steve Lillehaug Shakopee (952) 233-9361 Expires after 2021	Glenn Olson Marshall (507) 537-6774 Expires after 2021

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Districts

25-Jul-19

YEAR	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	METRO WEST	DISTRICT 6	DISTRICT 7	DISTRICT 8	METRO EAST
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	J. PRATT Detroit Lakes	R. RUE Eden Prairie	S. LANG Austin	NEMMERS	RODEBERG	GRAHAM
2014	J. STORY Hibbing	R. CLAUSON Crookston	DEWOLF	J. PRATT Detroit Lakes	R. RUE Eden Prairie	S. LANG Austin	J. JOHNSON Mankato	RODEBERG Glencoe	K. ECKLES Woodbury
2015	J. STORY Hibbing	C. GRAY Bemidji	J. FEMRITE Elk River	J. PRATT Detroit Lakes	R. RUE Eden Prairie	S. LANG Austin	J. JOHNSON Mankato	S. CHRISTENSEN Willmar	K. ECKLES Woodbury
2016	J. STORY Hibbing	C. GRAY Bemidji	J. FEMRITE Elk River	J. KUHN Morris	S. LILLEHAUG Brooklyn Center	J. OWENS Red Wing	J. JOHNSON Mankato	S. CHRISTENSEN Willmar	K. ECKLES Woodbury
2017	M. WEGWERTH Grand Rapids	C. GRAY Bemidji	J. FEMRITE Elk River	J. KUHN Morris	S. LILLEHAUG Shakopee	J. OWENS Red Wing	M. DuCHENE Waseca	S. CHRISTENSEN Willmar	M. THOMPSON Maplewood
2018	M. WEGWERTH Grand Rapids	R. CLAUSON Crookston	A. NAFSTAD Albertville	J. KUHN Morris	S. LILLEHAUG Shakopee	J. OWENS Red Wing	C. CAVETT New Prague	A. KEHREN Redwood Falls	T. WESOLOWSKI Shoreview
2019	M. WEGWERTH Grand Rapids	R. CLAUSON Crookston	A. NAFSTAD Albertville	B. YAVAROW Fergus Falls	C. MILLNER Edina	K. SKOV Owatonna	C. CAVETT New Prague	O. TODD Redwood Falls	B. ERICKSON Rosemount

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Cities of the First Class and Officers

	MINNEAPOLIS	ST. PAUL	DULUTH	ROCHESTER	CHAIR	VICE CHAIR	SECRETARY
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	BOT St. Michael
2013	ELWOOD	KURTZ	VOIGT	FREESE	VACANT	BOT St. Michael	ECKLES Woodbury
2014	ELWOOD	KURTZ	VOIGT	FREESE	BOT St. Michael	ECKLES Woodbury	JOHNSON Mankato
2015	ELWOOD	KURTZ	VOIGT	FREESE	ECKLES Woodbury	JOHNSON Mankato	CULVER Roseville
2016	ELWOOD	KURTZ	VOIGT	FREESE	JOHNSON Mankato	CULVER Roseville	OLSON Marshall
2017	ELWOOD	KURTZ	VOIGT	FREESE	CULVER Roseville	OLSON Marshall	GORDER Eagan
2018	ELWOOD/HAGER	KURTZ	VOIGT	DOMBROVSKI	OLSON Marshall	GORDER Eagan	FEMRITE Elk River
2019	HAGER	KURTZ	VOIGT	DOMBROVSKI	GORDER Eagan	FEMRITE Elk River	THOMPSON Maplewood

MUNICIPAL SCREENING BOARD MEETING
May 21st and 22nd, 2019
Breezy Point

MINUTES

TUESDAY MAY 21

- I. Call to Order by Chair John Gorder 1:01 PM
- II. Gorder introduced himself as the Chair of the Municipal Screening Board and current City Engineers Association President.
 - a. John then introduced the following:
 - i. Mitch Rasmussen, MnDOT –State Aid Engineer
 - ii. Bill Lanoux, MnDOT - Manager, Municipal State Aid Needs Unit
 - iii. Justin Femrite, Elk River – Vice Chair MSB
 - iv. Jeff Johnson, Mankato – Chair: Needs Study Subcommittee and Past Chair of the MSB
 - v. Marc Culver, Roseville – Past Chair of the MSB
 - vi. Glenn Olson, Marshall – Past Chair of the MSB
 - b. John introduced Michael Thompson, Plymouth - Secretary of the Municipal Screening Board. Thompson then conducted 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 Brian Yavarow, Fergus Falls
 - v. Metro West Chad Millner, Edina
 - vi. District 6 Kyle Skov, Owatonna
 - vii. District 7 Chris Cavett, New Prague
 - viii. District 8 Chuck DeWolf, Litchfield
 - ix. Metro East Brian Erickson, Rosemount
 - x. Duluth Cindy Voigt
 - xi. Minneapolis Jenifer Hager (*absent*)
 - xii. Rochester Dillon Dombrovski
 - xiii. St. Paul Paul Kurtz
 - c. John also recognized Screening Board Alternates:
 - i. District 1 Caleb Peterson, Cloquet
 - ii. District 7 Jeff Domras, St. Peter (*absent*)
 - d. John recognized Department of Transportation personnel:
 - i. Kristine Elwood Deputy State Aid Engineer
 - ii. Patti Loken State Aid Programs Engineer
 - iii. Greg Coughlin State Aid Project Engineer
 - iv. John McDonald District 1 State Aid Engineer
 - v. Lou Tasa District 2 State Aid Engineer (*absent*)

- vi. Kelvin Howieson District 3 State Aid Engineer
- vii. Nathan Gannon District 4 State Aid Engineer
- viii. Fausto Cabral District 6 State Aid Engineer
- ix. Lisa Bigham District 7 State Aid Engineer
- x. Todd Broadwell District 8 State Aid Engineer
- xi. Dan Erickson Metro State Aid Engineer
- xii. Julie Dresel Assistant Metro State Aid Engineer

- e. John recognized others in Attendance:
 - i. Dave Sonnenberg, Chair, CEAM Legislative Committee
 - ii. Larry Veek, Minneapolis
 - iii. Mike Van Beusekom, St. Paul

III. Review of the 2019 Municipal Screening Board Data book (Lanoux)

- a. The Data Book was reviewed: Bill reiterated that unit costs are determined annually by the commissioner and cities which is the function we perform as the MSB. We use current costs to determine the 25 year Money Needs for each city. The Needs are also used to distribute money annually. In 2018, we had a Full Unit Cost Study and this year we applied an inflation factor to last year's costs as the basis of this year's recommendations
 - i. Bill Lanoux reviewed last fall's meeting minutes (Pages 6-9) from the October 2018 MSB meeting
 - ii. Gorder called for a motion to approve the minutes from the October 2018 MSB.
 - i. **Adam Nafstad of District 3 moved the motion to approve the minutes from the October 2018 MSB and the motion was seconded by Rich Clauson of District 2. Approved ayes all.**
- b. Lanoux reviewed unit price recommendations and also conveyed that NSS Chair, Jeff Johnson is here for any questions as well.
 - i. Minutes of NSS meeting Pages 20-21 were reviewed
 - ii. Unit Price Recommendations of NSS on Page 22
 - i. Discussion on bituminous cost. The NSS recommends a unit price of \$65 for bituminous. Applying the 2.9 % inflation factor to last year's cost of \$60 resulted in a cost of \$61.74. This was low based on early 2019 bid results and the recommendation was moved to \$65. This was recommended as a more accurate per ton price.
- c. Unit Prices and Graphs Pages 24-41
 - i. Lanoux said the sidewalk recommendation is based on the inflation factor. This is similar to other unit prices, with the exception of bituminous. Sidewalk is \$5.66/SF. Lanoux went over curb and gutter unit pricing of \$16.36/LF as outlined in the book. Lanoux also discussed structures and that bridge cost is based on a 5 year average of \$190.40 and that half of that used for the needs cost (\$95.20/SF). Storm sewer needs and signal needs were discussed by Lanoux. Current MSB resolutions state that lighting shall remain at \$100,000 per mile until the MSB requests a study on this item.

Lanoux asked for questions to the group on needs and there was no comments or questions from the attendees.

- d. Recent Committee Recommendations on Pages 42-46 were covered by Lanoux.
- e. Reference Materials and MSB Resolutions Pages 47-64 were discussed and Page 59 shows the Excess Encumbered Construction Fund Balance Adjustment resolution which will be rewritten for clarification.
 - i. Proposed rewrite does not change intent but clarifies that if the fund balance exceeds 3 times annual allotment and the construction balance is over \$1.5 million, then a negative Needs adjustment would commence.
 - ii. Lanoux stated two small cities asked him if there is a mechanism to waive this rule. Lanoux said the counties allow for an exception. Cindy Voigt with Duluth asked how often there is an inquiry and Bill responded that 3 cities since he started in his position (2 over the last year).
 - iii. Lanoux ask the group about the Trunk Highway Turnback Resolution and its' relevance today (page 61). Bill read the rule. Paul Kurtz with Saint Paul said it may be related to deficient segments and may not be an issue any longer. Bill said the resolution says trunk hwy turnbacks that are eligible for 100% construction payment from the Municipal Turnback Account will not draw needs during the time of eligibility, but asked the group if that scenario would even happen. Dan Erickson said that if improvement isn't made at time of turnback then needs should not be allowed until the improvement is made. Mitch Rasmussen agreed with Dan's interpretation.
 - iv. John asked for further discussion on the topic and no one offered additional comment.

IV. Other Discussion items

- a. Legislative Update- Dave Sonnenberg
 - i. Sonnenberg went through the CEAM Legislative Committee summary. Gorder thanked Dave for the update.
- b. State Aid report/comments- Mitch Rasmussen
 - i. Rasmussen stated he would not be here tomorrow so Kristine Elwood will provide updates tomorrow. Mitch will be retiring and conveyed his thanks for the 4.5 years with the group. The group recognized Rasmussen for his service through applause and Chair Gorder thanked him and wished him well.
- c. Gorder asked for any other topics before adjournment and there was none.
- d. Gorder encouraged that the group continue discussion this evening regarding bidding climate and the meeting process and if there were any suggestions.

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

- i. **Motion by Matt Wegwerth District 1 to adjourn and seconded by Brian Erickson of Metro District. Ayes all.**

WEDNESDAY MORNING SESSION

Gorder called meeting to order at 8:30 a.m.

- I. Unit Price recommendations of the Needs Study Subcommittee are on Page 22 of the book. Gorder asked if there was discussion on these recommendations. There was no additional discussion.
 1. **Cindy Voigt with Duluth moved to approve the unit price recommendations on Page 22 of the book as recommended by the Needs Study Subcommittee which was seconded by Adam Nafstad District 3. Action approved, ayes all.**
- II. Lanoux explained the new language proposed for the excess unencumbered construction fund balance adjustment and that the intent was not changing rather just language cleanup. The sentence “If the December 31 construction fund balance exceeds 3 times the January construction allotment and \$1,500,000...”, was adjusted to “If the December 31 construction fund balance exceeds 3 times the January construction allotment, and the construction fund balance is over \$1,500,000....” One additional sentence was added to the resolution as follows: “and the balance is over \$1,500,000...” Gorder then asked for discussion on these proposed changes as shown on Lanoux’s handout and there was no additional discussion.
 1. **The Excess Unencumbered Construction Fund Balance Adjustment language changes were moved as proposed by Dillon Dombrovski of Rochester and seconded by Rich Clauson of District 2. Ayes all, action approved.**
- III. Final Update Items
 - a. Gorder asked if there was any additional legislative update items. There was no discussion.
 - b. Continuation of State Aid report was given by Kristine Elwood
 - i. Elwood gave the update on Rasmussen’s behalf. Gorder inquired about the wetland RGU May 15th date by the EQB. Elwood responded that the EQB public hearing was still set for May 31st. Added six exemptions as clarification which is a step in the right direction. Public hearing will reflect the clarification language. Elwood provided an update on speed limit regarding process for reviewing speed limits and stakeholder groups if new legislation is passed. State aid will organize an effort with CEAM, County, MnDOT, and special interest groups similar to process with state aid rule update. Matt Wegwerth of District 1 asked if it is a study and Marc Culver responded that we will

review new speed limit laws and try and come to consensus to take back to legislature if supported. Also explore possible best practices for locals and speed limits. Timing is still to be determined according to Elwood but it may take some time.

- ii. Gorder asked another question to Elwood regarding EAW 1 mile to 2 mile as it relates to the Met Council concerns. City Engineers, Met Council and MnDOT met last year to try and come to a consensus on Met Council concerns according to Elwood. Three page document submitted to Met Council for project 1 to 2 mile project and all were in agreement however Met Council would not sign MOU once the new Commissioner started. Issue is now elevated to the governor.
- IV. Gorder thanked the following:
 - a. Jeff Johnson, Chair of the NSS and past Chair of Screening Board
 - b. Other past Chairs of the Municipal Screening Board (Marc Culver and Glenn Olson)
 - c. Screening Board members
 - V. Gorder stated that the fall Screening Board meeting will be at Grand View Lodge, Nisswa, MN, October 22 & 23, 2019
 - VI. Turnback Language
 - a. **Cindy Voigt with Duluth request that State Aid review the current turnback language that Lanoux discussed on Tuesday and bring forward a recommendation from the State Aid office for action possibly for the October MSB meeting. Lanoux stated that State Aid will provide that information to the MSB in the fall.**
 - VII. Gorder entertained motion for adjournment
 - a. **Moved to adjourn at by Cindy Voight of Duluth and seconded by Adam Nafstad of District 3. Ayes all, meeting adjourned.**

Minutes respectfully submitted by MSB Secretary Thompson.

POPULATION DATA

Notes on Population

The population figures used to determine each city's allocation will be based off recent State Demographer estimates or the 2010 Federal Census (whichever is greater). Of the 148 MSAS cities, ten cities have seen a population decrease since 2010.

According to their most recent census figure and population estimate, Chisholm (4,937) is just below 5,000. The city remains eligible to be included in the MSAS distribution and is deemed to have a population of 5,000. **(State Statute 162.09 sub. 4)**

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

There are 148 MSAS cities. The overall population for these cities has increased by 8.4% since 2010 (from 3,690,202 in 2010, to 4,001,362 in 2018)

Eight cities have seen their population increase by at least 20% since 2010:

Medina (35.2%), Victoria (34.4%), Lake Elmo (30.4%), Dayton (28.0%), Otsego (27.6%), Alexandria (26.0%), Waconia (22.7%), and Minnetrista (20.5%).

These three cities have had the largest population increase - in just the last year: Lake Elmo (11.0%), Dayton (10.8%) and Victoria (8.1%).

The State Demographer's estimated population for the City of North Oaks is 5,304. All residential roads in North Oaks are private roads. As of this report, 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 (3,410), Eveleth (3,609), Luverne (4,725), and Pipestone (4,150).

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.

2019 POPULATION SUMMARY

The populations used for 2020 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	2018		% Change in Population used for 2019 & 2020 Allocation	% Change in Population from 2010 to 2018
			Population Estimates (Released July 2019)	Population to be used for 2020 Allocation		
Albert Lea	18,016	18,157	18,165	18,165	0.0%	0.8%
Albertville	7,044	7,412	7,485	7,485	1.0%	6.3%
Alexandria	11,074	13,673	13,951	13,951	2.0%	26.0%
Andover	30,598	32,470	32,728	32,728	0.8%	7.0%
Anoka	17,142	18,205	18,573	18,573	2.0%	8.3%
Apple Valley	49,084	52,361	53,429	53,429	2.0%	8.9%
Arden Hills	9,552	9,969	9,889	9,889	-0.8%	3.5%
Austin	24,721	25,375	25,589	25,589	0.8%	3.5%
Baxter	7,610	8,360	8,478	8,478	1.4%	11.4%
Belle Plaine	6,661	7,144	7,408	7,408	3.7%	11.2%
Bemidji	13,431	15,547	15,462	15,462	-0.5%	15.1%
Big Lake	10,060	11,174	11,456	11,456	2.5%	13.9%
Blaine	57,186	65,369	66,667	66,667	2.0%	16.6%
Bloomington	82,893	88,885	89,654	89,654	0.9%	8.2%
Brainerd	13,590	13,719	13,732	13,732	0.1%	1.0%
Brooklyn Center	30,104	31,145	32,299	32,299	3.7%	7.3%
Brooklyn Park	75,781	80,866	81,679	81,679	1.0%	7.8%
Buffalo	15,453	16,254	16,479	16,479	1.4%	6.6%
Burnsville	60,306	62,239	62,657	62,657	0.7%	3.9%
Byron	4,952	5,644	5,770	5,770	2.2%	16.5%
Cambridge	8,111	8,868	8,977	8,977	1.2%	10.7%
Champlin	23,089	23,690	23,927	23,927	1.0%	3.6%
Chanhassen	22,952	25,955	26,266	26,266	1.2%	14.4%
Chaska	23,770	26,941	27,622	27,622	2.5%	16.2%
Chisago City	4,967	5,338	5,414	5,414	1.4%	9.0%
Chisholm	4,976	5,000	4,937	5,000	0.0%	-0.8%
Circle Pines	4,922	5,023	5,076	5,076	1.1%	3.1%
Cloquet	12,124	12,249	12,347	12,347	0.8%	1.8%
Columbia Heights	19,496	20,153	20,840	20,840	3.4%	6.9%
Coon Rapids	61,476	63,272	63,899	63,899	1.0%	3.9%
Corcoran	5,379	5,592	5,831	5,831	4.3%	8.4%
Cottage Grove	34,589	36,399	37,341	37,341	2.6%	8.0%
Crookston	7,891	8,006	8,021	8,021	0.2%	1.6%
Crystal	22,151	22,929	23,287	23,287	1.6%	5.1%
Dayton	4,743	5,481	6,072	6,072	10.8%	28.0%
Delano	5,464	6,058	6,187	6,187	2.1%	13.2%
Detroit Lakes	8,571	9,411	9,475	9,475	0.7%	10.5%
Duluth	86,265	87,050	87,213	87,213	0.2%	1.1%
Eagan	64,206	68,488	68,347	68,347	-0.2%	6.5%
East Bethel	11,626	12,074	12,029	12,029	-0.4%	3.5%
East Grand Forks	8,601	8,876	8,875	8,875	0.0%	3.2%
Eden Prairie	60,797	63,726	63,456	63,456	-0.4%	4.4%
Edina	47,941	52,497	52,535	52,535	0.1%	9.6%
Elk River	22,974	24,567	24,891	24,891	1.3%	8.3%
Fairmont	10,666	10,666	10,307	10,666	0.0%	-3.4%
Falcon Heights	5,321	5,436	5,479	5,479	0.8%	3.0%
Faribault	23,352	23,774	23,884	23,884	0.5%	2.3%

Municipality	2010 Census	Population used for the last Allocation	2018 Population Estimates (Released July 2019)	Population to be used for 2020 Allocation	% Change in Population used for 2019 & 2020 Allocation	% Change in Population from 2010 to 2018
Farmington	21,086	22,421	22,880	22,880	2.0%	8.5%
Fergus Falls	13,140	13,799	13,747	13,747	-0.4%	4.6%
Forest Lake	18,375	20,497	20,598	20,598	0.5%	12.1%
Fridley	27,208	28,667	28,824	28,824	0.5%	5.9%
Glencoe	5,631	5,631	5,520	5,631	0.0%	-2.0%
Golden Valley	20,371	21,646	21,580	21,580	-0.3%	5.9%
Grand Rapids	10,869	11,389	11,392	11,392	0.0%	4.8%
Ham Lake	15,296	16,153	16,394	16,394	1.5%	7.2%
Hastings	22,172	22,640	23,139	23,139	2.2%	4.4%
Hermantown	9,414	9,539	9,731	9,731	2.0%	3.4%
Hibbing	16,361	16,361	16,353	16,361	0.0%	0.0%
Hopkins	17,591	19,079	19,713	19,713	3.3%	12.1%
Hugo	13,332	15,158	15,247	15,247	0.6%	14.4%
Hutchinson	14,180	14,188	14,260	14,260	0.5%	0.6%
International Falls	6,424	6,424	6,138	6,424	0.0%	-4.5%
Inver Grove Heights	33,880	35,106	35,381	35,381	0.8%	4.4%
Isanti	5,251	5,852	6,031	6,031	3.1%	14.9%
Jordan	5,470	6,109	6,155	6,155	0.8%	12.5%
Kasson	5,931	6,414	6,504	6,504	1.4%	9.7%
LaCrescent	4,883	5,185	5,169	5,169	-0.3%	5.9%
Lake City	5,063	5,129	5,179	5,179	1.0%	2.3%
Lake Elmo	8,069	9,481	10,521	10,521	11.0%	30.4%
Lakeville	55,954	61,993	64,334	64,334	3.8%	15.0%
Lino Lakes	20,216	21,117	21,347	21,347	1.1%	5.6%
Litchfield	6,726	6,736	6,763	6,763	0.4%	0.6%
Little Canada	9,773	10,120	10,386	10,386	2.6%	6.3%
Little Falls	8,347	8,940	8,934	8,934	-0.1%	7.0%
Mahtomedi	7,676	8,085	8,040	8,040	-0.6%	4.7%
Mankato	39,313	42,997	43,571	43,571	1.3%	10.8%
Maple Grove	61,567	66,814	66,903	66,903	0.1%	8.7%
Maplewood	38,018	40,084	40,710	40,710	1.6%	7.1%
Marshall	13,680	13,860	13,783	13,783	-0.6%	0.8%
Medina	4,916	6,335	6,646	6,646	4.9%	35.2%
Mendota Heights	11,071	11,352	11,392	11,392	0.4%	2.9%
Minneapolis	382,578	423,990	428,483	428,483	1.1%	12.0%
Minnetonka	49,734	53,394	53,713	53,713	0.6%	8.0%
Minnetrissa	6,384	7,526	7,692	7,692	2.2%	20.5%
Montevideo	5,383	5,383	5,287	5,383	0.0%	-1.8%
Monticello	12,759	13,553	13,782	13,782	1.7%	8.0%
Moorhead	38,065	43,440	43,522	43,522	0.2%	14.3%
Morris	5,286	5,513	5,452	5,452	-1.1%	3.1%
Mound	9,052	9,494	9,347	9,347	-1.5%	3.3%
Mounds View	12,155	13,327	13,328	13,328	0.0%	9.7%
New Brighton	21,456	22,875	23,119	23,119	1.1%	7.8%
New Hope	20,339	21,545	21,790	21,790	1.1%	7.1%
New Prague	7,321	7,725	8,056	8,056	4.3%	10.0%
New Ulm	13,522	13,540	13,645	13,645	0.8%	0.9%
North Branch	10,125	10,608	10,726	10,726	1.1%	5.9%
North Mankato	13,394	13,889	14,059	14,059	1.2%	5.0%
North St. Paul	11,460	12,099	12,159	12,159	0.5%	6.1%
Northfield	20,007	20,398	20,426	20,426	0.1%	2.1%
Oak Grove	8,031	8,582	8,689	8,689	1.2%	8.2%

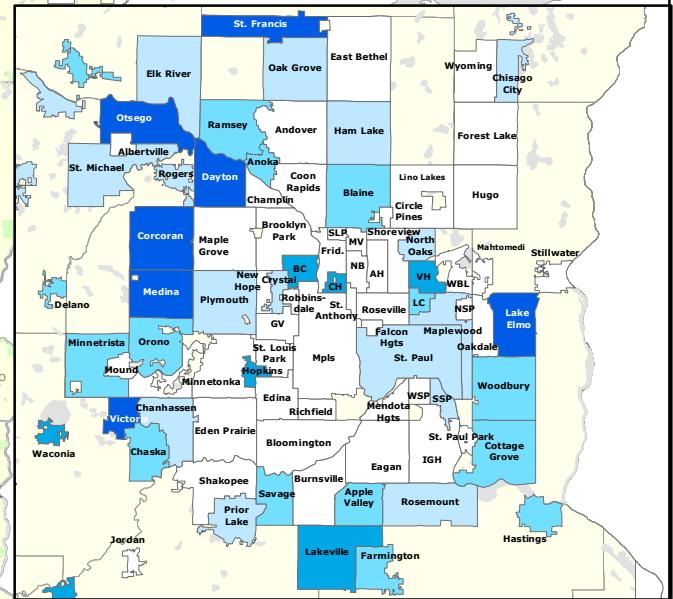
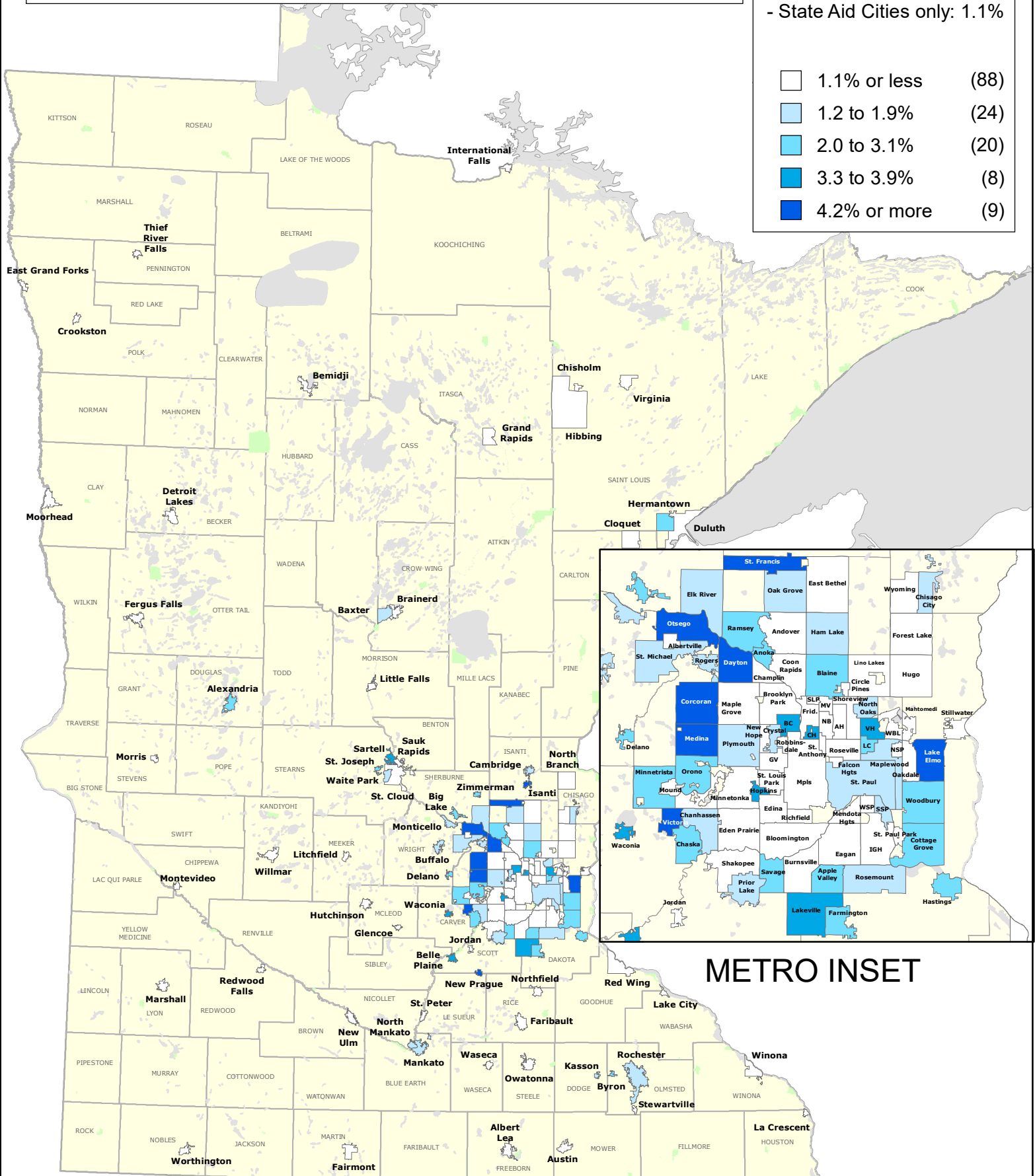
Municipality	2010 Census	Population used for the last Allocation	2018 Population Estimates (Released July 2019)	Population to be used for 2020 Allocation	% Change in Population used for 2019 & 2020 Allocation	% Change in Population from 2010 to 2018
Oakdale	27,378	28,115	28,315	28,315	0.7%	3.4%
Orono	7,437	7,883	8,102	8,102	2.8%	8.9%
Otsego	13,571	16,605	17,323	17,323	4.3%	27.6%
Owatonna	25,599	25,922	26,087	26,087	0.6%	1.9%
Plymouth	70,576	76,882	78,351	78,351	1.9%	11.0%
Prior Lake	22,796	25,745	26,135	26,135	1.5%	14.6%
Ramsey	23,668	26,462	27,051	27,051	2.2%	14.3%
Red Wing	16,459	16,572	16,522	16,522	-0.3%	0.4%
Redwood Falls	5,256	5,256	5,236	5,256	0.0%	-0.4%
Richfield	35,228	36,544	36,436	36,436	-0.3%	3.4%
Robbinsdale	13,953	14,860	14,776	14,776	-0.6%	5.9%
Rochester	106,750	115,825	117,444	117,444	1.4%	10.0%
Rogers	11,197	12,753	12,991	12,991	1.9%	16.0%
Rosemount	21,874	23,965	24,342	24,342	1.6%	11.3%
Roseville	33,660	35,987	36,272	36,272	0.8%	7.8%
Sartell	15,887	18,127	18,754	18,754	3.5%	18.0%
Sauk Rapids	12,773	13,884	13,954	13,954	0.5%	9.2%
Savage	26,911	30,713	31,407	31,407	2.3%	16.7%
Shakopee	37,076	41,519	41,506	41,506	0.0%	11.9%
Shoreview	25,043	26,447	26,480	26,480	0.1%	5.7%
Shorewood	7,307	7,708	7,693	7,693	-0.2%	5.3%
South St. Paul	20,160	20,598	20,878	20,878	1.4%	3.6%
Spring Lake Park	6,412	6,450	6,410	6,412	-0.6%	0.0%
St. Anthony	8,226	9,200	9,067	9,067	-1.4%	10.2%
St. Cloud	65,842	67,889	68,202	68,202	0.5%	3.6%
St. Francis	7,218	7,541	7,872	7,872	4.4%	9.1%
St. Joseph	6,534	7,102	7,318	7,318	3.0%	12.0%
St. Louis Park	45,250	48,920	48,910	48,910	0.0%	8.1%
St. Michael	16,399	17,536	17,835	17,835	1.7%	8.8%
St. Paul	285,068	309,180	313,010	313,010	1.2%	9.8%
St. Paul Park	5,279	5,594	5,581	5,581	-0.2%	5.7%
St. Peter	11,196	11,932	11,967	11,967	0.3%	6.9%
Stewartville	5,916	6,277	6,237	6,237	-0.6%	5.4%
Stillwater	18,225	19,748	19,915	19,915	0.8%	9.3%
Thief River Falls	8,573	8,931	8,940	8,940	0.1%	4.3%
Vadnais Heights	12,302	12,704	13,198	13,198	3.9%	7.3%
Victoria	7,379	9,172	9,918	9,918	8.1%	34.4%
Virginia	8,712	8,712	8,439	8,712	0.0%	-3.1%
Waconia	10,697	12,633	13,124	13,124	3.9%	22.7%
Waite Park	6,715	7,670	7,777	7,777	1.4%	15.8%
Waseca	9,412	9,412	9,027	9,412	0.0%	-4.1%
West St. Paul	19,540	21,085	21,053	21,053	-0.2%	7.7%
White Bear Lake	23,797	25,512	25,458	25,458	-0.2%	7.0%
Willmar	19,610	20,008	20,096	20,096	0.4%	2.5%
Winona	27,614	27,614	27,207	27,614	0.0%	-1.5%
Woodbury	61,961	69,426	70,840	70,840	2.0%	14.3%
Worthington	12,764	13,430	13,510	13,510	0.6%	5.8%
Wyoming	7,791	7,955	8,037	8,037	1.0%	3.2%
Zimmerman	5,228	5,597	5,734	5,734	2.4%	9.7%
Total	3,690,202	3,959,271	4,001,362	4,003,372	1.1%	8.4%

State Aid Cities with greater than average Population growth in the last year (2018 / 2019)

Legend

- State Growth: 0.9%
- State Aid Cities only: 1.1%

1.1% or less	(88)
1.2 to 1.9%	(24)
2.0 to 3.1%	(20)
3.3 to 3.9%	(8)
4.2% or more	(9)



METRO INSET

MSAS POPULATION & ALLOCATIONS

Fifty percent 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 2019, and will be used in determining each city's share of the 2020 population apportionment. (2010 Federal Census populations are used if a city's census figure is greater than their most recent population estimate)

Any adjustments made to the population estimates in this report would be released in December 2019. Those changes will be presented in the January 2020 book. These changes could include population adjustments due to annexations, detachments, or any other minor revisions made by the State Demographer.

The distribution amount for the 2019 population apportionment was \$96,232,915. For 2020, there will be a statutory increase in revenue from sales taxes on auto parts dedicated to the Highway User Tax Distribution Fund. Although this report typically does not assume an increase in the HUTDF before amounts are announced, we will account for this known increase in revenue. Therefore, the *tentative* distribution amount for the 2020 population apportionment is \$101,028,384. Based on this amount, each city will earn approximately \$25.24 per capita in apportionment. This projection will be revised when the actual revenue for the 2020 apportionment becomes available in January.

TENTATIVE 2020 POPULATION ALLOCATIONS

Municipality	Population used for 2019	Population used for 2020	Pop % Change	2019 Population Allocations (last year)	2020 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Albert Lea	18,157	18,165	0.0	\$441,319	\$458,409	\$17,090	3.9
Albertville	7,412	7,485	1.0	180,154	188,890	8,736	4.8
Alexandria	13,673	13,951	2.0	332,332	352,065	19,733	5.9
Andover	32,470	32,728	0.8	789,207	825,918	36,711	4.7
Anoka	18,205	18,573	2.0	442,486	468,705	26,219	5.9
Apple Valley	52,361	53,429	2.0	1,272,672	1,348,325	75,653	5.9
Arden Hills	9,969	9,889	(0.8)	242,304	249,557	7,253	3.0
Austin	25,375	25,589	0.8	616,758	645,759	29,001	4.7
Baxter	8,360	8,478	1.4	203,196	213,949	10,753	5.3
Belle Plaine	7,144	7,408	3.7	173,640	186,947	13,307	7.7
Bemidji	15,547	15,462	(0.5)	377,881	390,196	12,315	3.3
Big Lake	11,174	11,456	2.5	271,592	289,102	17,510	6.4
Blaine	65,369	66,667	2.0	1,588,840	1,682,397	93,557	5.9
Bloomington	88,885	89,654	0.9	2,160,414	2,262,492	102,078	4.7
Brainerd	13,719	13,732	0.1	333,450	346,538	13,088	3.9
Brooklyn Center	31,145	32,299	3.7	757,002	815,092	58,090	7.7
Brooklyn Park	80,866	81,679	1.0	1,965,506	2,061,237	95,731	4.9
Buffalo	16,254	16,479	1.4	395,065	415,861	20,796	5.3
Burnsville	62,239	62,657	0.7	1,512,763	1,581,201	68,438	4.5
Byron	5,644	5,770	2.2	137,181	145,611	8,430	6.1

Municipality	Population used for 2019	Population used for 2020	Pop % Change	2019 Population Allocations (last year)	2020 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Cambridge	8,868	8,977	1.2	\$215,543	\$226,542	\$10,999	5.1
Champlin	23,690	23,927	1.0	575,802	603,818	28,016	4.9
Chanhassen	25,955	26,266	1.2	630,855	662,844	31,989	5.1
Chaska	26,941	27,622	2.5	654,820	697,064	42,244	6.5
Chisago City	5,338	5,414	1.4	129,744	136,627	6,883	5.3
Chisholm	5,000	5,000	0.0	121,529	126,179	4,650	3.8
Circle Pines	5,023	5,076	1.1	122,088	128,097	6,009	4.9
Cloquet	12,249	12,347	0.8	297,721	311,587	13,866	4.7
Columbia Heights	20,153	20,840	3.4	489,833	525,915	36,082	7.4
Coon Rapids	63,272	63,899	1.0	1,537,871	1,612,544	74,673	4.9
Corcoran	5,592	5,831	4.3	135,918	147,150	11,232	8.3
Cottage Grove	36,399	37,341	2.6	884,704	942,331	57,627	6.5
Crookston	8,006	8,021	0.2	194,592	202,417	7,825	4.0
Crystal	22,929	23,287	1.6	557,306	587,667	30,361	5.4
Dayton	5,481	6,072	10.8	133,220	153,232	20,012	15.0
Delano	6,058	6,187	2.1	147,244	156,134	8,890	6.0
Detroit Lakes	9,411	9,475	0.7	228,741	239,109	10,368	4.5
Duluth	87,050	87,213	0.2	2,115,813	2,200,892	85,079	4.0
Eagan	68,488	68,347	(0.2)	1,664,650	1,724,793	60,143	3.6
East Bethel	12,074	12,029	(0.4)	293,467	303,562	10,095	3.4
East Grand Forks	8,876	8,875	0.0	215,738	223,968	8,230	3.8
Eden Prairie	63,726	63,456	(0.4)	1,548,906	1,601,364	52,458	3.4
Edina	52,497	52,535	0.1	1,275,977	1,325,764	49,787	3.9
Elk River	24,567	24,891	1.3	597,119	628,145	31,026	5.2
Fairmont	10,666	10,666	0.0	259,245	269,165	9,920	3.8
Falcon Heights	5,436	5,479	0.8	132,126	138,267	6,141	4.6
Faribault	23,774	23,884	0.5	577,844	602,732	24,888	4.3
Farmington	22,421	22,880	2.0	544,958	577,396	32,438	6.0
Fergus Falls	13,799	13,747	(0.4)	335,395	346,917	11,522	3.4
Forest Lake	20,497	20,598	0.5	498,194	519,807	21,613	4.3
Fridley	28,667	28,824	0.5	696,772	727,397	30,625	4.4
Glencoe	5,631	5,631	0.0	136,865	142,103	5,238	3.8
Golden Valley	21,646	21,580	(0.3)	526,122	544,589	18,467	3.5
Grand Rapids	11,389	11,392	0.0	276,818	287,486	10,668	3.9
Ham Lake	16,153	16,394	1.5	392,610	413,716	21,106	5.4
Hastings	22,640	23,139	2.2	550,281	583,932	33,651	6.1
Hermantown	9,539	9,731	2.0	231,852	245,570	13,718	5.9
Hibbing	16,361	16,361	0.0	397,666	412,883	15,217	3.8
Hopkins	19,079	19,713	3.3	463,729	497,474	33,745	7.3
Hugo	15,158	15,247	0.6	368,426	384,771	16,345	4.4
Hutchinson	14,188	14,260	0.5	344,849	359,863	15,014	4.4
International Falls	6,424	6,424	0.0	156,140	162,115	5,975	3.8
Inver Grove Heights	35,106	35,381	0.8	853,276	892,869	39,593	4.6
Isanti	5,852	6,031	3.1	142,237	152,197	9,960	7.0
Jordan	6,109	6,155	0.8	148,484	155,326	6,842	4.6
Kasson	6,414	6,504	1.4	155,897	164,134	8,237	5.3
LaCrescent	5,185	5,169	(0.3)	126,025	130,444	4,419	3.5
Lake City	5,129	5,179	1.0	124,664	130,696	6,032	4.8
Lake Elmo	9,481	10,521	11.0	230,442	265,506	35,064	15.2
Lakeville	61,993	64,334	3.8	1,506,784	1,623,521	116,737	7.7
Lino Lakes	21,117	21,347	1.1	513,264	538,709	25,445	5.0
Litchfield	6,736	6,763	0.4	163,723	170,670	6,947	4.2
Little Canada	10,120	10,386	2.6	245,974	262,099	16,125	6.6
Little Falls	8,940	8,934	(0.1)	217,293	225,457	8,164	3.8
Mahtomedi	8,085	8,040	(0.6)	196,512	202,896	6,384	3.2

Municipality	Population used for 2019	Population used for 2020	Pop % Change	2019 Population Allocations (last year)	2020 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Mankato	42,997	43,571	1.3	\$1,045,073	\$1,099,550	\$54,477	5.2
Maple Grove	66,814	66,903	0.1	1,623,962	1,688,352	64,390	4.0
Maplewood	40,084	40,710	1.6	974,270	1,027,350	53,080	5.4
Marshall	13,860	13,783	(0.6)	336,877	347,825	10,948	3.2
Medina	6,335	6,646	4.9	153,977	167,717	13,740	8.9
Mendota Heights	11,352	11,392	0.4	275,918	287,486	11,568	4.2
Minneapolis	423,990	428,483	1.1	10,305,380	10,813,121	507,741	4.9
Minnetonka	53,394	53,713	0.6	1,297,779	1,355,492	57,713	4.4
Minnetrista	7,526	7,692	2.2	182,925	194,114	11,189	6.1
Montevideo	5,383	5,383	0.0	130,838	135,844	5,006	3.8
Monticello	13,553	13,782	1.7	329,415	347,800	18,385	5.6
Moorhead	43,440	43,522	0.2	1,055,840	1,098,313	42,473	4.0
Morris	5,513	5,452	(1.1)	133,997	137,586	3,589	2.7
Mound	9,494	9,347	(1.5)	230,758	235,879	5,121	2.2
Mounds View	13,327	13,328	0.0	323,922	336,343	12,421	3.8
New Brighton	22,875	23,119	1.1	555,993	583,427	27,434	4.9
New Hope	21,545	21,790	1.1	523,667	549,889	26,222	5.0
New Prague	7,725	8,056	4.3	187,762	203,300	15,538	8.3
New Ulm	13,540	13,645	0.8	329,099	344,343	15,244	4.6
North Branch	10,608	10,726	1.1	257,835	270,679	12,844	5.0
North Mankato	13,889	14,059	1.2	337,582	354,790	17,208	5.1
North St. Paul	12,099	12,159	0.5	294,075	306,842	12,767	4.3
Northfield	20,398	20,426	0.1	495,788	515,467	19,679	4.0
Oak Grove	8,582	8,689	1.2	208,592	219,274	10,682	5.1
Oakdale	28,115	28,315	0.7	683,355	714,552	31,197	4.6
Orono	7,883	8,102	2.8	191,602	204,461	12,859	6.7
Otsego	16,605	17,323	4.3	403,596	437,160	33,564	8.3
Owatonna	25,922	26,087	0.6	630,053	658,327	28,274	4.5
Plymouth	76,882	78,351	1.9	1,868,672	1,977,252	108,580	5.8
Prior Lake	25,745	26,135	1.5	625,751	659,538	33,787	5.4
Ramsey	26,462	27,051	2.2	643,178	682,654	39,476	6.1
Red Wing	16,572	16,522	(0.3)	402,794	416,946	14,152	3.5
Redwood Falls	5,256	5,256	0.0	127,751	132,639	4,888	3.8
Richfield	36,544	36,436	(0.3)	888,228	919,492	31,264	3.5
Robbinsdale	14,860	14,776	(0.6)	361,183	372,885	11,702	3.2
Rochester	115,825	117,444	1.4	2,815,210	2,963,796	148,586	5.3
Rogers	12,753	12,991	1.9	309,971	327,839	17,868	5.8
Rosemount	23,965	24,342	1.6	582,486	614,290	31,804	5.5
Roseville	35,987	36,272	0.8	874,690	915,354	40,664	4.6
Sartell	18,127	18,754	3.5	440,590	473,273	32,683	7.4
Sauk Rapids	13,884	13,954	0.5	337,461	352,141	14,680	4.4
Savage	30,713	31,407	2.3	746,501	792,581	46,080	6.2
Shakopee	41,519	41,506	0.0	1,009,149	1,047,438	38,289	3.8
Shoreview	26,447	26,480	0.1	642,813	668,245	25,432	4.0
Shorewood	7,708	7,693	(0.2)	187,348	194,139	6,791	3.6
South St. Paul	20,598	20,878	1.4	500,649	526,873	26,224	5.2
Spring Lake Park	6,450	6,412	(0.6)	156,772	161,812	5,040	3.2
St. Anthony	9,200	9,067	(1.4)	223,613	228,813	5,200	2.3
St. Cloud	67,889	68,202	0.5	1,650,091	1,721,134	71,043	4.3
St. Francis	7,541	7,872	4.4	183,289	198,656	15,367	8.4
St. Joseph	7,102	7,318	3.0	172,619	184,676	12,057	7.0
St. Louis Park	48,920	48,910	0.0	1,189,036	1,234,284	45,248	3.8
St. Michael	17,536	17,835	1.7	426,225	450,081	23,856	5.6
St. Paul	309,180	313,010	1.2	7,514,841	7,899,065	384,224	5.1
St. Paul Park	5,594	5,581	(0.2)	135,966	140,841	4,875	3.6

Municipality	Population used for 2019	Population used for 2020	Pop % Change	2019 Population Allocations (last year)	2020 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
St. Peter	11,932	11,967	0.3	\$290,016	\$301,997	\$11,981	4.1
Stewartville	6,277	6,237	(0.6)	152,567	157,396	4,829	3.2
Stillwater	19,748	19,915	0.8	479,989	502,571	22,582	4.7
Thief River Falls	8,931	8,940	0.1	217,074	225,608	8,534	3.9
Vadnais Heights	12,704	13,198	3.9	308,780	333,062	24,282	7.9
Victoria	9,172	9,918	8.1	222,932	250,289	27,357	12.3
Virginia	8,712	8,712	0.0	211,751	219,854	8,103	3.8
Waconia	12,633	13,124	3.9	307,054	331,195	24,141	7.9
Waite Park	7,670	7,777	1.4	186,425	196,259	9,834	5.3
Waseca	9,412	9,412	0.0	228,765	237,520	8,755	3.8
West St. Paul	21,085	21,053	(0.2)	512,486	531,290	18,804	3.7
White Bear Lake	25,512	25,458	(0.2)	620,087	642,454	22,367	3.6
Willmar	20,008	20,096	0.4	486,309	507,139	20,830	4.3
Winona	27,614	27,614	0.0	671,178	696,862	25,684	3.8
Woodbury	69,426	70,840	2.0	1,687,448	1,787,706	100,258	5.9
Worthington	13,430	13,510	0.6	326,426	340,936	14,510	4.4
Wyoming	7,955	8,037	1.0	193,352	202,820	9,468	4.9
Zimmerman	5,597	5,734	2.4	136,039	144,703	8,664	6.4
Total	3,959,271	4,003,372	1.1	\$96,232,915	\$101,028,384	\$4,795,469	5.0000

A city's Population Allocation equals total population apportionment divided by the total population multiplied by the city's population used for 2020.

2019 \$96,232,915 equals = \$24.31 per person
 3,959,271

2020 **\$101,028,384** equals = \$25.24 per person
 4,003,372

The population increase from 2019 and 2020 for allocation purposes is 44,101 (1.1% increase overall)

148 Cities Increased their population allocation.
0 Cities Decreased their population allocation.

MILEAGE, NEEDS AND APPORTIONMENT

The cities' share of the *Highway User Tax Distribution Fund* will be announced in January when the Commissioner of Transportation makes a determination of the 2020 apportionment. Therefore, allocations in this report are tentative and will be based off an amount of **\$202,056,769**. This tentative amount is comprised of two known figures: 1) the 2019 total apportionment amount of \$192,465,830, and 2) the dedicated revenue increase from sales taxes on auto parts. This increase will add approximately \$9,590,939 to the total city distribution. This report does not assume any other increases to revenue sources that make up the Highway User's Fund. (In a typical October Needs report, we use the previous year's apportionment total. This not only makes for a conservative January forecast, it allows us to better see effects of changes in Construction Needs).

System wide MSAS Mileage increases annually due to the increasing number of eligible cities and to growth in overall local street mileage.

Tentative 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.

MSAS MILEAGE, NEEDS, AND APPORTIONMENT 1958 to 2020

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

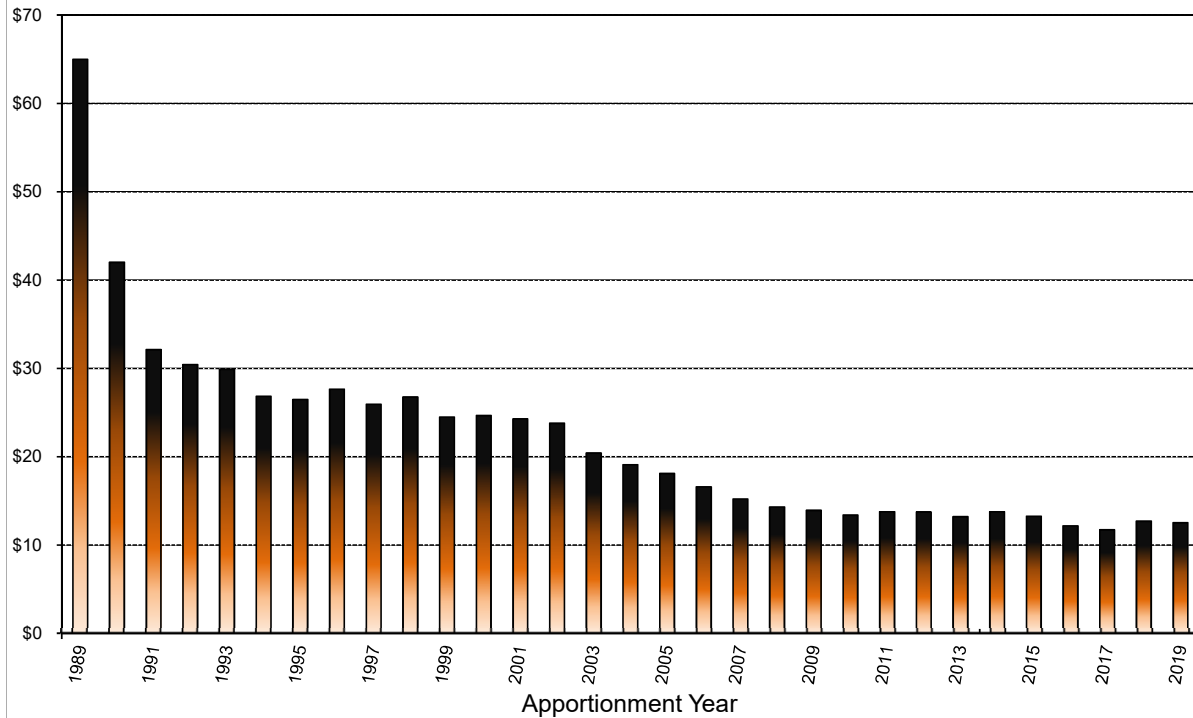
Appt. Year	Number of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per \$1000 of Adjusted Needs
1975	99	1629.30	\$422,560,903	\$22,841,302	\$418,577,904	\$14,019.09	27.28
1976	101	1718.92	449,383,835	22,793,386	444,038,715	13,260.29	25.67
1977	101	1748.55	488,779,846	27,595,966	483,467,326	15,782.20	28.54
1978	104	1807.94	494,433,948	27,865,892	490,165,460	15,413.06	28.38
1979	106	1853.71	529,996,431	30,846,555	523,460,762	16,640.44	29.42
1980	106	1889.03	623,880,689	34,012,618	609,591,579	18,005.34	27.86
1981	109	1933.64	695,487,179	35,567,962	695,478,283	18,394.30	25.54
1982	105	1976.17	705,647,888	41,819,275	692,987,088	21,161.78	30.30
1983	106	2022.37	651,402,395	46,306,272	631,554,858	22,897.03	36.55
1984	106	2047.23	635,420,700	48,580,190	613,448,456	23,729.72	39.70
1985	107	2110.52	618,275,930	56,711,674	589,857,835	26,870.95	48.20
1986	107	2139.42	552,944,830	59,097,819	543,890,225	27,623.29	54.30
1987	107	2148.07	551,850,149	53,101,745	541,972,837	24,720.68	48.97
1988	108	2171.89	545,457,364	58,381,022	529,946,820	26,880.28	55.06
1989	109	2205.05	586,716,169	76,501,442	588,403,918	34,693.74	64.98
1990	112	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.99
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592	34,233.25	32.11
1992	116	2376.79	1,374,092,030	81,109,752	1,330,349,165	34,125.75	30.41
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428	34,413.27	29.89
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398	32,693.87	26.83
1995	118	2526.39	1,582,491,280	81,718,700	1,541,396,875	32,346.04	26.46
1996	119	2614.71	1,652,360,408	90,740,650	1,638,227,013	34,703.91	27.63
1997	122	2740.46	1,722,973,258	90,608,066	1,738,998,615	33,063.09	25.91
1998	125	2815.99	1,705,411,076	93,828,258	1,746,270,860	33,319.81	26.73
1999	126	2859.05	1,927,808,456	97,457,150	1,981,933,166	34,087.25	24.47
2000	127	2910.87	2,042,921,321	103,202,769	2,084,650,298	35,454.27	24.64
2001	129	2972.16	2,212,783,436	108,558,171	2,228,893,216	36,525.01	24.26
2002	130	3020.39	2,432,537,238	116,434,082	2,441,083,093	38,549.35	23.77
2003	131	3080.67	2,677,069,498	108,992,464	2,663,903,876	35,379.47	20.39
2004	133	3116.44	2,823,888,537	110,890,581	2,898,358,498	35,582.45	19.08
2005	136	3190.82	2,986,013,788	111,823,549	3,086,369,911	35,045.40	18.07
2006	138	3291.64	3,272,908,979	111,487,130	3,356,466,332	33,869.78	16.57
2007	142	3382.28	3,663,172,809	114,419,009	3,760,234,514	33,828.96	15.19
2008	143	3453.10	3,896,589,388	114,398,269	4,005,371,748	33,129.15	14.29
2009	144	3504.00	4,277,355,517	121,761,230	4,375,100,368	34,749.21	13.91
2010	144	3533.22	4,650,919,417	127,315,538	4,764,771,798	36,033.86	13.36
2011	147	3583.87	4,964,526,370	139,081,139	5,058,978,846	38,807.53	13.75
2012	142	3572.73	5,175,814,620	144,682,808	5,271,923,162	40,496.43	13.72
2013	147	3598.04	5,476,951,484	147,468,798	5,593,122,380	40,985.87	13.18
2014	147	3633.04	**5,476,951,484	154,615,011	5,627,313,935	42,558.03	13.74
2015	148	3682.39	6,244,717,460	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	7,602,530,318	192,465,830	*7,699,067,462	51,023.79	12.50
2020	148	3788.79	7,939,469,020	202,056,769	*8,031,699,808	53,330.16	12.58

Figures for 2020 are estimates

* Amounts reflect the new Adjusted Restricted Construction Needs dollars.

** Needs were frozen in 2013.

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	2019	12.50	(34.68)
1978	28.38	48.30	1999	24.47	27.86	2020	12.58	

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

2019 ITEMIZED TABULATION OF NEEDS

The 2019 Money Needs continued to increase over the last year. This increase is due to Needs updates, new designations, added mileage, changing AADT, and cost increases to most unit costs. (This year an inflation factor of 2.9% was applied to most of the unit costs in the Needs Study. See Screening Board Resolutions for all of unit prices used in the 2019 Needs computation.)

The “*2019 item by item tabulation of Needs*” shows all construction items used in the Municipal State Aid Needs Study. (“After the fact” items are discussed later 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.

Traffic Signals and Structures (bridges/culverts) draw Needs on a “per item” basis. There are several cities not drawing Needs for these costs because they do not have these items on their Municipal State Aid System.

The average cost per mile is \$2,095,516 (up from \$2,015,474 last year). East Bethel currently has the lowest cost per mile at \$1,375,610 while Minneapolis has the highest cost at \$2,879,675 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: East Bethel, Dayton, Ham Lake, Oak Grove and Saint Francis.

2019 Item By Item Tabulation Of Needs

CITY #	MUNICIPALITY	GRADING / EXCAVATION	STORM SEWER	GRAVEL BASE	BITUMINOUS SURFACE	CURB & GUTTER	SIDEWALK	SIGNALS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL NEEDS	NEEDS MILEAGE	COST PER MILE
101	ALBERT LEA	\$5,359,265	\$4,438,832	\$5,950,558	\$7,411,667	\$4,420,968	\$7,229,128	\$1,194,275	\$2,431,000	\$2,182,174	\$8,935,933	\$49,553,800	24.31	\$2,038,412
242	ALBERTVILLE	1,614,797	1,389,986	1,754,619	2,245,251	1,378,637	2,271,244	103,850	769,000	0	2,536,027	14,063,411	7.69	1,828,792
102	ALEXANDRIA	7,289,306	5,997,868	8,091,477	10,144,736	5,773,690	9,660,254	2,440,475	3,277,000	71,210	11,604,134	64,350,150	32.77	1,963,691
198	ANDOVER	7,300,334	7,601,020	6,712,263	11,016,237	7,926,302	10,020,371	986,575	4,381,000	523,029	12,422,773	68,889,904	43.81	1,572,470
103	ANOKA	3,506,313	3,005,481	3,701,264	5,243,191	2,966,318	4,555,933	986,575	1,656,000	2,553,454	6,198,399	34,372,928	16.56	2,075,660
186	APPLE VALLEY	10,016,697	7,124,383	11,986,499	14,052,632	6,884,551	10,810,820	3,790,525	3,750,000	0	15,051,542	83,467,649	37.50	2,225,804
187	ARDEN HILLS	1,327,792	1,318,814	1,281,860	1,962,728	1,326,808	1,905,155	207,700	753,000	74,446	2,234,828	12,393,131	7.53	1,645,834
104	AUSTIN	6,714,593	5,523,543	7,448,292	9,452,688	5,462,723	8,656,134	2,700,100	3,021,000	5,726,852	12,035,309	66,741,234	30.21	2,209,243
230	BAXTER	4,299,406	3,253,526	5,068,230	5,809,616	3,348,123	5,113,290	726,950	1,746,000	0	6,460,334	35,825,475	17.46	2,051,860
239	BELLE PLAINE	1,800,216	1,624,338	1,896,802	2,542,727	1,572,131	2,489,404	0	910,000	1,015,228	3,047,188	16,898,034	9.10	1,856,927
105	BEMIDJI	4,143,811	3,468,610	4,529,046	5,824,362	3,284,197	5,522,710	1,038,500	1,901,000	2,003,579	6,977,484	38,693,299	19.01	2,035,418
232	BIG LAKE	1,902,349	1,996,609	1,711,175	2,913,392	1,983,302	2,927,217	103,850	1,148,000	0	3,230,897	17,916,791	11.48	1,560,696
106	BLAINE	12,234,305	9,396,970	14,291,497	16,507,261	10,714,668	14,056,320	2,752,025	5,062,000	773,215	18,873,420	104,661,681	50.62	2,067,595
107	BLOOMINGTON	21,152,381	14,610,822	25,513,154	30,039,659	16,771,696	22,631,775	11,709,088	7,612,000	3,332,381	33,742,044	187,115,000	76.12	2,458,158
108	BRAINERD	4,076,629	3,482,633	4,393,107	5,803,558	3,486,327	5,406,160	934,650	1,920,000	3,822,471	7,331,621	40,657,156	19.20	2,117,560
109	BROOKLYN CENTER	5,363,045	4,004,011	6,310,578	7,302,118	4,348,403	6,340,059	2,154,888	2,134,000	1,527,008	8,686,504	48,170,614	21.34	2,257,292
110	BROOKLYN PARK	15,155,982	11,361,060	17,899,681	20,435,178	11,352,164	18,101,219	4,699,217	6,071,000	158,413	23,151,461	128,385,375	60.71	2,114,732
213	BUFFALO	3,874,171	3,202,148	4,327,306	5,298,057	3,166,719	5,241,792	467,325	1,754,000	0	6,012,937	33,344,455	17.54	1,901,052
179	BURNSVILLE	12,430,436	8,590,580	15,013,131	17,574,960	9,529,528	13,379,425	5,348,275	4,477,000	0	18,995,537	105,338,872	44.77	2,352,890
249	BYRON	1,554,961	1,442,352	1,570,238	2,257,224	1,461,564	2,414,694	51,925	808,000	0	2,543,411	14,104,369	8.08	1,745,590
218	CAMBRIDGE	3,815,316	3,104,702	4,294,794	5,190,892	2,947,315	4,929,498	778,875	1,693,000	1,913,139	6,306,862	34,974,393	16.93	2,065,824
193	CHAMPLIN	4,552,575	3,675,900	5,142,140	6,325,268	4,158,372	5,642,247	1,246,203	2,005,000	842,345	7,389,815	40,979,865	20.05	2,043,884
194	CHANHASSEN	5,384,456	4,204,672	6,238,055	7,342,396	4,331,131	6,740,518	1,583,714	2,276,000	1,031,968	8,609,242	47,742,152	22.76	2,097,634
196	CHASKA	4,735,205	3,813,379	5,393,171	6,453,426	3,659,089	5,997,877	1,064,463	2,080,000	1,866,681	7,713,923	42,777,214	20.80	2,056,597
252	CHISAGO CITY	1,385,474	1,510,363	1,196,737	2,156,832	1,511,665	2,063,545	155,775	875,000	0	2,388,188	13,243,579	8.75	1,513,552
111	CHISHOLM	1,476,085	1,510,226	1,344,657	2,255,713	1,487,477	2,504,345	259,625	861,000	50,646	2,584,950	14,334,724	8.61	1,664,892
244	CIRCLE PINES	608,294	628,095	556,518	924,606	628,853	972,750	207,700	360,000	0	1,075,100	5,961,916	3.60	1,656,088
112	CLOQUET	4,228,737	4,028,393	4,201,724	6,173,899	4,020,157	5,999,368	830,800	2,275,000	647,360	7,129,205	39,534,643	22.75	1,737,787
113	COLUMBIA HEIGHTS	2,562,270	2,258,920	2,670,636	3,709,100	2,166,431	3,651,920	519,252	1,250,000	0	4,133,477	22,922,006	12.50	1,833,760
114	COON RAPIDS	11,275,788	8,354,661	13,178,576	15,882,865	8,385,847	13,102,991	4,154,001	4,440,000	3,999,161	18,210,255	100,984,145	44.40	2,274,418
215	CORCORAN	2,531,067	2,730,139	2,215,630	3,917,744	2,821,197	3,784,910	51,925	1,579,000	84,500	4,337,546	24,053,658	15.79	1,523,348
180	COTTAGE GROVE	7,754,063	6,305,299	8,571,977	11,209,712	6,896,648	9,295,667	1,350,050	3,439,000	329,011	12,133,315	67,284,742	34.39	1,956,521
115	CROOKSTON	2,210,971	2,061,400	2,234,242	3,203,324	2,000,573	3,245,486	259,625	1,158,000	4,059,328	4,495,251	24,928,200	11.58	2,152,694
116	CRYSTAL	3,253,634	3,120,548	3,100,600	5,086,065	3,164,126	4,920,534	726,952	1,757,000	0	5,528,482	30,657,941	17.57	1,744,903
229	DAYTON	1,588,096	1,814,056	1,308,986	2,511,530	1,957,387	2,262,278	103,850	1,062,000	0	2,773,798	15,381,981	10.62	1,448,397
247	DELANO	1,081,682	1,087,329	1,023,973	1,616,803	1,072,851	1,570,448	207,700	621,000	731,136	1,982,845	10,995,767	6.21	1,770,655
117	DETROIT LAKES	5,275,454	4,575,168	5,632,326	7,489,794	4,369,139	7,468,208	1,038,500	2,529,000	789,779	8,616,822	47,784,190	25.29	1,889,450
118	DULUTH	27,846,098	21,851,627	31,763,515	38,968,392	20,928,348	34,328,657	16,044,825	11,812,000	9,643,131	46,901,054	260,087,647	118.12	2,201,893
195	EAGAN	13,478,563	9,436,047	16,446,796	18,039,434	9,479,428	14,721,255	3,011,650	4,943,000	1,608,499	20,056,226	111,220,898	49.43	2,250,069

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CITY #	MUNICIPALITY	GRADING / EXCAVATION	STORM SEWER	GRAVEL BASE	BITUMINOUS SURFACE	CURB & GUTTER	SIDEWALK	SIGNALS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL NEEDS	NEEDS MILEAGE	COST PER MILE
203	EAST BETHEL	4,106,850	5,031,115	3,029,140	6,765,726	5,136,203	6,447,641	0	2,973,000	32,368	7,374,847	40,896,890	29.73	1,375,610
119	EAST GRAND FORKS	3,516,593	3,063,791	3,746,494	5,052,144	2,978,412	4,615,707	623,100	1,699,000	6,486,166	6,991,911	38,773,318	16.99	2,282,126
181	EDEN PRAIRIE	13,286,550	9,281,559	16,003,583	18,618,245	9,859,502	14,250,571	4,699,214	4,854,000	1,566,040	20,332,241	112,751,505	48.54	2,322,858
120	EDINA	11,234,007	7,812,244	13,679,519	15,376,270	7,739,722	12,207,942	4,880,951	4,085,000	3,916,719	17,805,123	98,737,497	40.85	2,417,075
204	ELK RIVER	8,517,670	7,146,870	9,287,450	12,079,955	7,390,744	11,067,840	1,713,525	3,923,000	2,124,864	13,915,425	77,167,343	39.23	1,967,049
123	FAIRMONT	4,381,761	3,656,586	4,891,711	5,985,862	3,493,240	5,760,297	1,142,350	2,012,000	1,207,898	7,156,974	39,688,679	20.12	1,972,598
124	FALCON HEIGHTS	588,681	578,544	569,893	870,452	568,382	845,741	311,552	329,000	0	1,025,694	5,687,939	3.29	1,728,857
125	FARIBAULT	6,635,333	5,183,528	7,653,070	9,011,158	4,835,593	8,364,759	882,725	2,799,000	5,508,082	11,192,118	62,065,366	27.99	2,217,412
212	FARMINGTON	3,495,483	3,046,700	3,778,004	4,853,355	3,064,789	4,304,907	51,925	1,695,000	1,069,287	5,579,077	30,938,527	16.95	1,825,282
126	FERGUS FALLS	6,322,152	4,942,260	7,207,671	8,849,983	4,818,321	7,692,340	1,921,225	2,666,000	5,554,159	10,994,313	60,968,424	26.66	2,286,888
214	FOREST LAKE	6,513,671	6,021,388	6,635,530	9,518,226	5,994,829	9,079,002	882,725	3,383,000	0	10,566,238	58,594,609	33.83	1,732,031
127	FRIDLEY	4,660,400	4,116,186	4,938,873	6,626,287	4,256,843	6,195,117	1,038,501	2,290,000	0	7,506,881	41,629,088	22.90	1,817,864
226	GLENCOE	1,679,361	1,505,238	1,757,878	2,386,284	1,449,470	2,399,749	0	839,000	0	2,643,737	14,660,717	8.39	1,747,404
128	GOLDEN VALLEY	5,698,452	4,409,725	6,574,884	7,834,628	4,405,416	7,054,308	2,803,950	2,374,000	1,037,870	9,282,514	51,475,747	23.74	2,168,313
129	GRAND RAPIDS	5,135,500	4,704,158	5,242,876	7,477,797	4,547,079	7,420,394	1,038,500	2,632,000	1,357,171	8,702,204	48,257,679	26.32	1,833,498
197	HAM LAKE	4,948,797	5,886,563	3,814,197	8,034,530	5,986,191	7,726,707	155,775	3,462,000	213,629	8,850,250	49,078,639	34.62	1,417,638
130	HASTINGS	5,338,810	4,183,964	6,139,771	7,276,103	3,906,139	6,673,272	726,950	2,261,000	1,478,646	8,356,627	46,341,282	22.61	2,049,592
202	HERMANTOWN	4,110,867	3,399,872	4,605,059	5,606,364	3,222,007	5,382,253	675,025	1,865,000	152,320	6,384,127	35,402,894	18.65	1,898,278
131	HIBBING	9,479,426	9,498,440	8,979,550	14,164,178	9,387,855	13,599,076	830,800	5,419,000	37,223	15,707,022	87,102,570	54.19	1,607,355
132	HOPKINS	2,540,273	1,874,515	3,047,957	3,353,915	1,725,885	2,949,630	2,440,475	999,000	0	4,164,960	23,096,610	9.99	2,311,973
224	HUGO	3,762,523	3,848,637	3,470,888	5,700,645	4,149,732	5,809,603	311,550	2,201,000	239,714	6,488,747	35,983,039	22.01	1,634,850
133	HUTCHINSON	4,424,005	3,579,342	5,007,449	6,055,645	3,386,127	5,710,981	571,175	1,952,000	4,248,395	7,685,726	42,620,845	19.52	2,183,445
134	INTERNATIONAL FALLS	1,220,661	1,384,706	985,952	1,956,786	1,390,726	2,014,231	311,550	805,000	0	2,215,317	12,284,929	8.05	1,526,078
178	INVER GROVE HEIGHTS	7,574,908	6,335,491	8,296,098	10,726,066	6,760,156	9,745,430	1,194,275	3,478,000	575,770	12,030,960	66,717,154	34.78	1,918,262
245	ISANTI	1,081,570	1,191,601	905,783	1,710,646	1,190,326	1,812,511	0	689,000	0	1,887,918	10,469,355	6.89	1,519,500
246	JORDAN	1,125,086	1,079,348	1,108,745	1,650,959	1,053,847	1,670,557	0	610,000	1,492,241	2,153,976	11,944,759	6.10	1,958,157
240	KASSON	1,201,040	1,162,551	1,185,911	1,757,269	1,140,227	1,716,879	0	660,000	476,000	2,045,975	11,345,852	6.60	1,719,068
236	LA CRESCENT	905,442	1,008,450	746,557	1,441,226	1,008,933	1,527,112	0	584,000	0	1,588,781	8,810,501	5.84	1,508,647
234	LAKE CITY	1,347,482	1,453,622	1,168,561	2,097,928	1,449,468	2,127,797	155,775	839,000	0	2,340,721	12,980,354	8.39	1,547,122
206	LAKE ELMO	3,409,123	3,372,726	3,223,129	5,115,389	3,401,675	5,394,208	51,925	1,912,000	194,208	5,736,366	31,810,749	19.12	1,663,742
188	LAKEVILLE	15,736,104	12,676,794	17,892,031	21,280,032	12,848,277	19,815,112	2,440,475	6,905,000	183,587	24,151,036	133,928,448	69.05	1,939,587
210	LINO LAKES	3,942,746	4,248,751	3,422,522	6,133,729	4,277,580	6,353,508	207,700	2,452,000	0	6,828,480	37,867,016	24.52	1,544,332
135	LITCHFIELD	1,459,379	1,531,155	1,292,329	2,257,786	1,515,116	2,481,932	259,625	877,000	0	2,568,351	14,242,673	8.77	1,624,022
200	LITTLE CANADA	2,254,782	2,031,089	2,363,418	3,199,644	1,960,846	3,208,131	311,550	1,135,000	85,200	3,640,925	20,190,585	11.35	1,778,906
136	LITTLE FALLS	4,026,234	3,848,295	3,984,790	5,901,843	3,800,751	5,609,380	623,100	2,175,000	0	6,593,265	36,562,658	21.75	1,681,042
219	MAHTOMEDI	1,651,685	1,677,904	1,518,853	2,510,465	1,769,077	2,641,819	103,850	956,000	0	2,822,523	15,652,176	9.56	1,637,257
137	MANKATO	11,377,597	7,822,508	13,727,252	16,192,345	7,782,921	12,058,519	6,153,113	4,067,000	1,858,304	17,828,708	98,868,267	40.67	2,430,988
189	MAPLE GROVE	14,273,771	10,980,803	16,289,250	20,535,458	12,029,390	16,075,028	5,348,276	5,906,000	1,430,838	22,631,136	125,499,950	59.06	2,124,957
138	MAPLEWOOD	8,117,076	6,699,521	9,062,239	11,124,694	6,889,727	10,754,041	1,401,976	3,668,000	2,026,489	13,143,624	72,887,387	36.68	1,987,115

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CITY #	MUNICIPALITY	GRADING / EXCAVATION	STORM SEWER	GRAVEL BASE	BITUMINOUS SURFACE	CURB & GUTTER	SIDEWALK	SIGNALS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL NEEDS	NEEDS MILEAGE	COST PER MILE
139	MARSHALL	4,013,316	3,443,879	4,391,853	5,551,366	3,788,662	5,592,940	571,175	1,907,000	1,587,365	6,786,464	37,634,020	19.07	1,973,467
250	MEDINA	2,076,750	2,182,088	1,889,911	3,153,424	2,175,070	2,901,814	259,625	1,259,000	0	3,497,490	19,395,172	12.59	1,540,522
140	MENDOTA HEIGHTS	2,927,301	2,701,593	3,003,427	4,203,347	2,695,081	4,224,217	415,400	1,517,000	1,599,360	5,123,080	28,409,806	15.17	1,872,762
141	MINNEAPOLIS	55,950,942	39,434,625	67,468,244	76,944,621	37,102,277	61,576,162	77,627,876	20,678,000	51,298,540	107,377,882	595,459,169	206.78	2,879,675
142	MINNETONKA	11,909,645	9,448,165	13,602,951	16,282,955	9,178,821	15,036,535	3,686,675	5,123,000	155,366	18,573,312	102,997,425	51.23	2,010,490
243	MINNETRISTA	1,991,685	2,230,963	1,660,124	3,146,056	2,242,446	2,998,940	51,925	1,298,000	93,296	3,456,957	19,170,392	12.98	1,476,918
143	MONTEVIDEO	1,603,509	1,581,834	1,533,659	2,390,618	1,551,396	2,525,265	155,775	898,000	0	2,692,815	14,932,871	8.98	1,662,903
222	MONTICELLO	2,963,296	2,293,492	3,447,177	3,946,719	2,178,525	3,619,052	467,325	1,235,000	0	4,433,131	24,583,717	12.35	1,990,584
144	MOORHEAD	12,369,587	9,337,882	14,262,079	17,746,922	10,427,894	14,568,835	5,504,051	4,990,000	17,755,181	23,531,739	130,494,170	49.90	2,615,114
190	MORRIS	1,646,542	1,559,040	1,645,324	2,399,897	1,547,944	2,501,358	103,850	879,000	0	2,702,250	14,985,205	8.79	1,704,801
145	MOUND	1,496,932	1,406,064	1,522,719	2,155,938	1,371,726	2,105,382	103,850	794,000	0	2,410,454	13,367,065	7.94	1,683,509
146	MOUNDS VIEW	1,932,883	1,911,521	1,845,728	2,882,905	1,896,919	3,001,930	363,475	1,086,000	0	3,282,699	18,204,060	10.86	1,676,249
147	NEW BRIGHTON	2,831,068	2,697,492	2,833,210	4,108,579	2,638,067	3,970,198	545,213	1,527,000	131,376	4,682,084	25,964,287	15.27	1,700,346
182	NEW HOPE	3,207,622	2,406,308	3,779,139	4,358,456	2,221,714	3,843,187	1,090,427	1,286,000	0	4,882,429	27,075,282	12.86	2,105,387
237	NEW PRAGUE	1,801,990	1,702,464	1,798,445	2,626,582	1,656,785	2,605,955	103,850	959,000	78,064	2,933,289	16,266,424	9.59	1,696,186
148	NEW ULM	3,742,921	3,246,017	4,059,111	5,206,802	3,374,032	5,222,374	311,550	1,801,000	1,311,475	6,220,566	34,495,848	18.01	1,915,372
225	NORTH BRANCH	4,476,898	4,812,418	3,926,761	6,921,961	4,915,067	6,504,423	103,850	2,781,000	91,392	7,597,435	42,131,205	27.81	1,514,966
150	NORTH MANKATO	3,884,134	2,950,143	4,439,628	5,630,720	2,943,855	4,615,708	1,038,500	1,577,000	0	5,957,533	33,037,221	15.77	2,094,941
151	NORTH ST PAUL	2,205,649	2,028,040	2,275,863	3,153,960	1,993,662	3,058,707	467,326	1,139,000	0	3,590,890	19,913,097	11.39	1,748,296
149	NORTHFIELD	3,579,500	3,085,157	3,858,858	5,038,583	3,323,936	4,775,593	0	1,706,000	1,124,122	5,828,188	32,319,937	17.06	1,894,486
223	OAK GROVE	4,037,040	4,561,202	3,334,588	6,394,395	4,593,732	6,226,502	0	2,659,000	0	6,997,422	38,803,881	26.59	1,459,341
185	OAKDALE	5,005,975	3,651,636	6,045,487	6,562,080	3,444,865	5,794,663	1,142,350	1,939,000	0	7,388,932	40,974,988	19.39	2,113,202
152	ORONO	1,911,190	1,699,588	2,010,212	2,711,040	1,648,146	2,824,114	207,700	945,000	1,081,853	3,308,544	18,347,387	9.45	1,941,522
217	OTSEGO	4,404,839	4,409,160	4,215,199	6,536,216	4,355,321	6,471,552	259,625	2,521,000	0	7,298,039	40,470,951	25.21	1,605,353
153	OWATONNA	8,039,725	6,388,401	9,088,261	11,357,223	5,984,459	10,299,787	1,350,050	3,464,000	2,317,358	12,823,641	71,112,905	34.64	2,052,913
155	PLYMOUTH	17,904,762	12,658,964	21,481,625	24,969,461	12,677,244	19,637,300	1,973,150	6,643,000	5,142,387	27,079,335	150,167,228	66.43	2,260,533
201	PRIOR LAKE	3,968,867	3,820,097	3,916,274	5,814,531	4,213,651	5,915,695	726,950	2,163,000	114,621	6,743,815	37,397,501	21.63	1,728,964
199	RAMSEY	6,038,937	6,530,795	5,311,172	9,308,741	6,582,214	8,959,463	934,650	3,786,000	718,569	10,597,521	58,768,062	37.86	1,552,247
156	RED WING	5,592,262	4,554,777	6,275,630	7,739,508	4,569,537	7,308,324	467,325	2,486,000	1,891,624	8,994,699	49,879,686	24.86	2,006,423
207	REDWOOD FALLS	1,653,337	1,831,063	1,383,297	2,612,667	1,852,005	2,719,518	155,775	1,061,000	729,517	3,079,603	17,077,782	10.61	1,609,593
157	RICHFIELD	6,137,797	4,620,303	7,123,202	8,648,972	5,260,590	7,353,156	3,894,375	2,467,000	0	10,011,182	55,516,577	24.67	2,250,368
158	ROBBINSDALE	2,103,446	1,818,197	2,249,767	3,002,447	1,803,632	2,873,419	804,839	1,005,000	711,715	3,601,940	19,974,402	10.05	1,987,503
159	ROCHESTER	31,340,473	21,267,946	37,813,057	45,089,756	22,182,586	32,417,538	17,602,575	11,004,000	23,468,374	53,280,989	295,467,294	110.04	2,685,090
238	ROGERS	4,767,033	3,976,632	5,237,177	6,698,573	4,227,477	6,470,053	675,025	2,180,000	0	7,531,038	41,763,008	21.80	1,915,734
208	ROSEMOUNT	5,881,492	5,334,419	6,138,308	8,349,186	5,297,730	7,480,910	467,325	2,988,500	799,680	9,402,259	52,139,809	29.89	1,744,390
160	ROSEVILLE	6,217,522	5,650,283	6,422,476	8,940,324	5,566,373	9,083,486	1,661,602	3,158,000	92,915	10,294,454	57,087,435	31.58	1,807,709
220	SARTELL	4,899,451	3,569,400	5,878,466	6,540,107	3,648,725	5,654,203	467,325	1,892,000	334,906	7,234,608	40,119,191	18.92	2,120,465
191	SAUK RAPIDS	3,069,970	2,610,800	3,308,157	4,414,800	2,791,828	4,294,444	882,725	1,437,000	4,981,626	6,114,099	33,905,449	14.37	2,359,461
211	SAVAGE	5,954,511	4,958,050	6,652,745	8,123,773	4,954,798	7,668,437	519,250	2,727,000	1,066,240	9,377,453	52,002,257	27.27	1,906,940

2019 Item By Item Tabulation Of Needs

CITY #	MUNICIPALITY	GRADING / EXCAVATION	STORM SEWER	GRAVEL BASE	BITUMINOUS SURFACE	CURB & GUTTER	SIDEWALK	SIGNALS	LIGHTING	STRUCTURES	ENGINEERING	TOTAL NEEDS	NEEDS MILEAGE	COST PER MILE
166	SHAKOPEE	9,181,639	7,198,520	10,444,805	12,929,157	7,093,587	11,350,253	1,194,275	3,888,000	417,356	14,013,467	77,711,059	38.88	1,998,741
167	SHOREVIEW	3,939,961	3,525,890	4,160,601	5,564,010	3,614,170	5,607,881	856,763	1,969,000	0	6,432,418	35,670,694	19.69	1,811,615
216	SHOREWOOD	1,913,801	1,659,312	2,072,723	2,666,155	1,589,407	2,749,402	155,775	920,000	0	3,019,849	16,746,424	9.20	1,820,263
168	SOUTH ST PAUL	3,619,673	3,154,498	3,858,608	5,122,283	3,016,412	5,161,105	311,550	1,746,000	42,888	5,727,265	31,760,282	17.46	1,819,031
183	SPRING LAKE PARK	1,324,438	1,068,504	1,504,908	1,791,413	1,017,566	1,739,293	0	582,000	0	1,986,188	11,014,310	5.82	1,892,493
161	ST ANTHONY	1,455,541	1,107,229	1,710,633	1,966,499	1,081,487	1,701,941	649,064	595,000	735,706	2,420,682	13,423,782	5.95	2,256,098
162	ST CLOUD	16,816,005	12,405,338	19,611,387	24,081,588	12,964,030	18,592,832	8,905,138	6,590,000	6,882,198	27,906,674	154,755,190	65.90	2,348,334
235	ST FRANCIS	2,026,147	2,303,699	1,664,573	3,215,309	2,323,641	2,948,140	0	1,345,000	0	3,481,833	19,308,342	13.45	1,435,564
233	ST JOSEPH	1,230,027	1,193,144	1,201,194	1,812,981	1,247,338	1,834,923	207,700	676,000	0	2,068,727	11,472,034	6.76	1,697,046
163	ST LOUIS PARK	9,111,317	6,328,827	10,940,511	13,024,975	6,514,841	9,824,615	5,581,938	3,302,000	1,129,453	14,466,873	80,225,350	33.02	2,429,599
227	ST MICHAEL	4,261,968	4,142,768	4,148,379	6,295,992	4,588,551	6,576,150	311,550	2,347,000	0	7,187,920	39,860,278	23.47	1,698,350
164	ST PAUL	43,952,241	31,328,024	52,309,678	62,368,380	31,226,653	48,519,458	35,906,140	16,484,000	65,907,388	85,360,430	473,362,392	164.84	2,871,648
184	ST PAUL PARK	1,154,175	1,057,620	1,198,421	1,644,873	1,026,205	1,619,760	0	594,000	1,500,352	2,154,991	11,950,397	5.94	2,011,851
165	ST PETER	3,154,502	2,674,942	3,429,393	4,487,923	2,546,505	4,285,481	207,700	1,474,000	0	4,897,301	27,157,747	14.74	1,842,452
228	STEWARTVILLE	741,507	813,843	628,509	1,165,416	813,708	1,205,851	103,850	471,000	0	1,307,609	7,251,293	4.71	1,539,553
169	STILLWATER	4,075,668	3,436,713	4,405,064	5,860,419	3,546,792	5,407,649	726,950	1,887,000	77,684	6,473,271	35,897,210	18.87	1,902,343
170	THIEF RIVER FALLS	3,425,064	3,046,205	3,614,877	4,843,209	2,940,403	4,835,363	934,650	1,696,000	2,755,469	6,180,076	34,271,316	16.96	2,020,714
209	VADNAIS HEIGHTS	1,851,033	1,645,081	1,964,545	2,608,085	1,584,222	2,665,721	415,400	917,000	0	3,003,241	16,654,328	9.17	1,816,175
241	VICTORIA	1,435,818	1,521,056	1,283,254	2,202,049	1,515,120	2,254,807	103,850	877,000	317,968	2,532,402	14,043,324	8.77	1,601,291
171	VIRGINIA	3,993,619	3,047,065	4,693,271	5,295,466	2,826,377	4,789,042	155,775	1,636,000	219,341	5,864,312	32,520,268	16.36	1,987,791
231	WACONIA	3,298,697	2,641,250	3,739,765	4,567,494	2,480,855	4,233,181	778,875	1,436,000	45,696	5,108,801	28,330,614	14.36	1,972,884
221	WAITE PARK	1,954,661	1,459,918	2,247,290	2,847,379	1,387,275	2,044,120	1,012,538	777,000	0	3,020,642	16,750,823	7.77	2,155,833
172	WASECA	1,526,862	1,380,269	1,590,924	2,176,501	1,331,992	2,293,655	103,850	771,000	0	2,458,510	13,633,563	7.71	1,768,296
173	WEST ST PAUL	3,098,503	2,490,904	3,547,507	4,167,948	2,465,302	4,058,353	649,064	1,358,000	0	4,803,824	26,639,405	13.58	1,961,665
174	WHITE BEAR LAKE	4,380,041	3,780,324	4,743,549	6,143,407	3,617,625	5,929,139	882,725	2,094,000	0	6,945,580	38,516,390	20.94	1,839,369
175	WILLMAR	6,618,769	5,212,579	7,462,714	9,457,727	5,483,450	8,291,536	1,817,375	2,815,000	4,241,731	11,308,195	62,709,076	28.15	2,227,676
176	WINONA	5,965,475	4,181,400	7,203,944	8,242,815	3,970,060	6,458,102	1,869,300	2,189,000	860,608	9,006,959	49,947,663	21.89	2,281,757
192	WOODBURY	15,293,671	11,309,894	17,891,960	21,678,625	12,497,572	17,342,143	4,984,800	6,015,000	1,699,891	23,916,973	132,630,529	60.15	2,204,996
177	WORTHINGTON	2,492,808	2,136,677	2,695,080	3,479,997	2,035,129	3,515,949	207,700	1,178,000	418,575	3,995,181	22,155,096	11.78	1,880,738
248	WYOMING	2,963,505	2,836,337	2,953,161	4,317,594	2,774,550	4,272,031	155,775	1,606,000	0	4,813,372	26,692,325	16.06	1,662,038
251	ZIMMERMAN	1,015,304	1,124,168	853,671	1,599,788	1,171,323	1,633,203	0	652,000	0	1,770,884	9,820,341	6.52	1,506,187
TOTAL		\$860,055,707	\$695,763,946	\$960,104,907	\$1,218,674,722	\$702,887,317	\$1,070,941,856	\$318,611,840	\$378,878,500	\$301,842,558	\$1,431,707,667	\$7,939,469,020	3,788.79	\$2,095,516

Percent of Total Needs - 2019

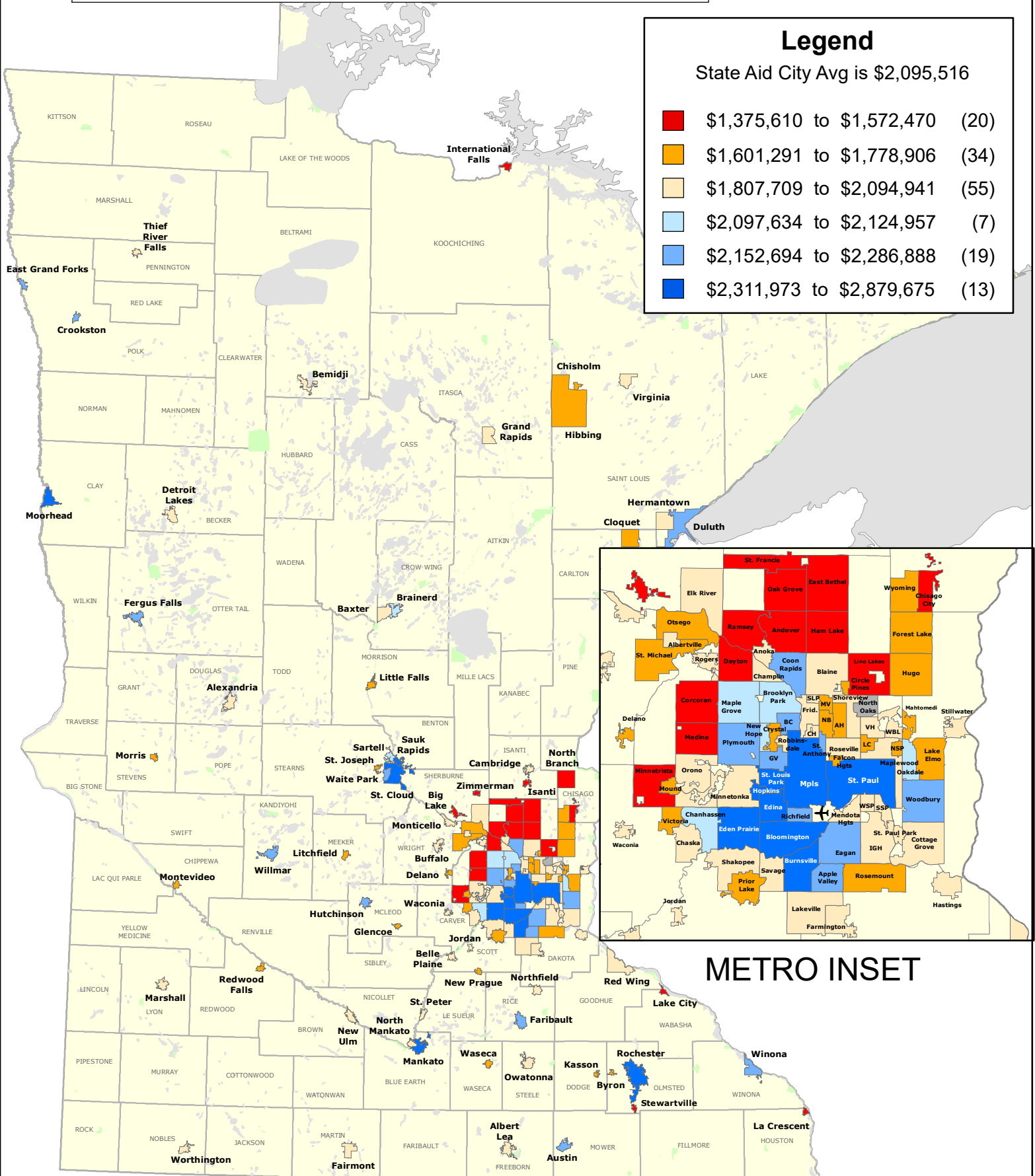
10.83% 8.76% 12.09% 15.35% 8.85% 13.49% 4.01% 4.77% 3.80% 18.03%

Needs Costs per Mile for State Aid Cities, 2019

Legend

State Aid City Avg is \$2,095,516

	\$1,375,610 to \$1,572,470	(20)
	\$1,601,291 to \$1,778,906	(34)
	\$1,807,709 to \$2,094,941	(55)
	\$2,097,634 to \$2,124,957	(7)
	\$2,152,694 to \$2,286,888	(19)
	\$2,311,973 to \$2,879,675	(13)



COMPARISON OF NEEDS BETWEEN 2018 and 2019

2019 Needs are computed for the January 2020 distribution

Needs Item	2018	2019	Difference	% increase
Grading/Excavation	\$830,996,226	\$860,055,707	\$29,059,481	3.5
Total Storm Sewer	679,859,626	695,763,946	15,904,320	2.3
Gravel Base	926,540,721	960,104,907	33,564,186	3.6
Bituminous Surface	1,118,314,528	1,218,674,722	100,360,194	9.0
Curb and Gutter	680,115,933	702,887,317	22,771,384	3.3
Sidewalk Construction	1,034,203,698	1,070,941,856	36,738,158	3.6
Traffic Signals	308,125,289	318,611,840	10,486,551	3.4
Street Lighting	377,207,000	378,878,500	1,671,500	0.4
Structures	276,219,125	301,842,558	25,623,433	9.3
Engineering	1,370,948,172	1,431,707,667	60,759,495	4.4
Total Unadjusted Money Needs	\$7,602,530,318	\$7,939,469,020	\$336,938,702	4.4
Total Needs Miles	3,772.08	3,788.79	16.71	0.4
ATF Right of Way	\$90,675,079	\$90,465,040	(\$210,039)	(0.2)
ATF Retaining Wall	4,403,353	4,045,465	(357,888)	(8.1)
ATF RR Crossing	1,706,696	1,706,696	0	0.0
ATF Bridge over MSAS Route	378,684	378,684	0	0.0

2019 MILEAGE REPORT

The Mileage Report 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 various mileage categories. The report can also be used as a reference when reviewing your own local road inventory.

The **Total System Length** reflects an increase from last year. This increase of 18 miles is due new MSAS designations and to overall growth to the system.

Thirty-four cities added mileage to their system in 2019.

'**System Length**' and '**Needs Length**' are 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 3,788.79 miles.

Total System Length for all cities is 3,795.00 miles.

Information on the Mileage Report may also be helpful as you fill out your 2019 Annual Certification of Mileage form (due January 2020). 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 2019 certification.

2019 Mileage Report

2019 Mileage Report		MILEAGE CERT LINE 16		MILEAGE CERT LINE 4	MILEAGE CERT LINE 7	MILEAGE CERT LINE 2	MILEAGE CERT LINE 6	MILEAGE CERT COLUMN XI	MILEAGE CERT COLUMN X	MILEAGE CERT COLUMN IX	MILEAGE CERT LINE 13		
CITY #	MUNICIPALITY	TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL <u>NEEDS</u> LENGTH CODED AS COMMON BOUNDARY	TOTAL <u>NEEDS</u> LENGTH MSB APPROVED ONE WAY	CSAH TURN- BACK	COUNTY ROAD TURN- BACK	TRUNK HWY TURN- BACK	MSAS MILEAGE EXCLUDE TB's	IMPROVED MILEAGE	UN- IMPROVED MILEAGE	NON- EXISITNG MILEAGE	TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH
101	ALBERT LEA				0.28	0.90	1.00	22.13	24.31			24.31	24.31
242	ALBERTVILLE		0.90					7.69	7.69			7.69	7.69
102	ALEXANDRIA	0.45			4.77	6.67	0.60	20.73	32.77		0.45	32.77	33.22
198	ANDOVER	0.04	1.71			1.80		42.01	34.45		9.40	43.81	43.85
103	ANOKA		0.05			1.80	1.07	13.69	16.56			16.56	16.56
186	APPLE VALLEY				0.82			36.68	35.26		2.24	37.50	37.50
187	ARDEN HILLS		0.13		1.78	0.24		5.51	6.92		0.61	7.53	7.53
104	AUSTIN						4.72	25.49	29.96	0.25		30.21	30.21
230	BAXTER							17.46	17.46			17.46	17.46
239	BELLE PLAINE							9.10	8.58		0.52	9.10	9.10
105	BEMIDJI				0.95			18.06	19.01			19.01	19.01
232	BIG LAKE							11.48	11.30	0.18		11.48	11.48
106	BLAINE		0.17			2.37		48.25	46.27		4.35	50.62	50.62
107	BLOOMINGTON		0.65		0.58		1.54	74.00	76.12			76.12	76.12
108	BRAINERD						2.48	16.72	18.37		0.83	19.20	19.20
109	BROOKLYN CENTER		0.94				0.52	20.82	21.34			21.34	21.34
110	BROOKLYN PARK		2.87		1.00		4.48	55.23	60.43		0.28	60.71	60.71
213	BUFFALO	0.09			1.16	1.46		14.92	17.63			17.54	17.63
179	BURNSVILLE							44.77	44.77			44.77	44.77
249	BYRON					1.99		6.09	8.08			8.08	8.08
218	CAMBRIDGE				1.20	0.49	3.83	11.41	16.68		0.25	16.93	16.93
193	CHAMPLIN		2.06		0.14		0.70	19.21	19.75		0.30	20.05	20.05
194	CHANHASSEN		0.50				0.60	22.16	22.35		0.41	22.76	22.76
196	CHASKA		0.11			2.40		18.40	20.11		0.69	20.80	20.80
252	CHISAGO CITY							8.75	8.75			8.75	8.75
111	CHISHOLM				0.20		0.72	7.69	8.61			8.61	8.61
244	CIRCLE PINES							3.60	3.24		0.36	3.60	3.60
112	CLOQUET						1.75	21.00	22.59		0.16	22.75	22.75
113	COLUMBIA HEIGHTS		1.58			0.88		11.62	12.50			12.50	12.50
114	COON RAPIDS		0.69		0.75	0.56	1.44	41.65	44.40			44.40	44.40
215	CORCORAN		0.51					15.79	15.47		0.32	15.79	15.79
180	COTTAGE GROVE					1.25		33.14	28.26	1.09	5.04	34.39	34.39
115	CROOKSTON						1.58	10.00	11.58			11.58	11.58
116	CRYSTAL		1.70					17.57	17.57			17.57	17.57
229	DAYTON							10.62	9.60		1.02	10.62	10.62
247	DELANO							6.21	6.21			6.21	6.21
117	DETROIT LAKES				5.57	3.28	2.11	14.33	25.29			25.29	25.29
118	DULUTH				0.06		28.00	90.06	117.63		0.49	118.12	118.12
195	EAGAN		0.42			0.25	0.37	48.81	49.33		0.10	49.43	49.43

2019 Mileage Report

2019 Mileage Report		MILEAGE CERT LINE 16	MILEAGE CERT LINE 4	MILEAGE CERT LINE 7	MILEAGE CERT LINE 2	MILEAGE CERT LINE 6	MILEAGE CERT COLUMN XI	MILEAGE CERT COLUMN X	MILEAGE CERT COLUMN IX	MILEAGE CERT LINE 13			
CITY #	MUNICIPALITY	TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL <u>NEEDS</u> LENGTH CODED AS COMMON BOUNDARY	TOTAL <u>NEEDS</u> LENGTH MSB APPROVED ONE WAY	CSAH TURN- BACK	COUNTY ROAD TURN- BACK	TRUNK HWY TURN- BACK	MSAS MILEAGE EXCLUDE TB's	IMPROVED MILEAGE	UN- IMPROVED MILEAGE	NON- EXISITNG MILEAGE	TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH
203	EAST BETHEL		2.16					29.73	24.47		5.26	29.73	29.73
119	EAST GRAND FORKS				4.16		2.27	10.56	16.99			16.99	16.99
181	EDEN PRAIRIE		0.78				2.14	46.40	48.54			48.54	48.54
120	EDINA		1.02					40.85	40.85			40.85	40.85
204	ELK RIVER		0.40		0.25	3.61	1.24	34.13	37.90		1.33	39.23	39.23
123	FAIRMONT						5.87	14.25	20.01		0.11	20.12	20.12
124	FALCON HEIGHTS		0.88		0.50	0.25		2.54	3.29			3.29	3.29
125	FARIBAULT	0.32				3.48	2.23	22.28	28.31			27.99	28.31
212	FARMINGTON				0.24			16.71	13.42		3.53	16.95	16.95
126	FERGUS FALLS						8.03	18.63	26.66			26.66	26.66
214	FOREST LAKE				8.51			25.32	32.97		0.86	33.83	33.83
127	FRIDLEY		0.61					22.90	22.90			22.90	22.90
226	GLENCOE				0.74			7.65	8.25		0.14	8.39	8.39
128	GOLDEN VALLEY							23.74	23.74			23.74	23.74
129	GRAND RAPIDS					7.07		19.25	25.68	0.64		26.32	26.32
197	HAM LAKE		1.64			0.97		33.65	29.38		5.24	34.62	34.62
130	HASTINGS						2.46	20.15	22.61			22.61	22.61
202	HERMANTOWN				0.24	2.91		15.50	18.57	0.08		18.65	18.65
131	HIBBING						5.11	49.08	53.50		0.69	54.19	54.19
132	HOPKINS		0.44		0.35			9.64	9.92		0.07	9.99	9.99
224	HUGO		0.34					22.01	21.78		0.23	22.01	22.01
133	HUTCHINSON				2.77	3.03	0.21	13.51	19.52			19.52	19.52
134	INTERNATIONAL FALLS							8.05	8.05			8.05	8.05
178	INVER GROVE HEIGHTS		0.32		3.57	1.08		30.13	33.73		1.05	34.78	34.78
245	ISANTI							6.89	6.83		0.06	6.89	6.89
246	JORDAN							6.10	6.08		0.02	6.10	6.10
240	KASSON							6.60	6.46		0.14	6.60	6.60
236	LA CRESCENT							5.84	5.84			5.84	5.84
234	LAKE CITY				0.44			7.95	8.39			8.39	8.39
206	LAKE ELMO		0.04			2.15		16.97	19.12			19.12	19.12
188	LAKEVILLE				2.53	7.29		59.23	65.58	1.32	2.15	69.05	69.05
210	LINO LAKES		0.38		0.34	0.98	0.28	22.92	22.69		1.83	24.52	24.52
135	LITCHFIELD							8.77	8.77			8.77	8.77
200	LITTLE CANADA		0.40		1.03	4.03		6.29	11.35			11.35	11.35
136	LITTLE FALLS					1.99	2.63	17.13	21.45	0.15	0.15	21.75	21.75
219	MAHTOMEDI				0.85	0.69		8.02	9.56			9.56	9.56
137	MANKATO	0.76		0.21	1.98		6.55	32.14	41.00	0.64		40.670	41.64
189	MAPLE GROVE		1.00				0.50	58.56	52.73		6.33	59.06	59.06
138	MAPLEWOOD		1.59		7.95	3.37		25.36	36.68			36.68	36.68

2019 Mileage Report

2019 Mileage Report		MILEAGE CERT LINE 16	MILEAGE CERT LINE 4	MILEAGE CERT LINE 7	MILEAGE CERT LINE 2	MILEAGE CERT LINE 6	MILEAGE CERT COLUMN XI	MILEAGE CERT COLUMN X	MILEAGE CERT COLUMN IX	MILEAGE CERT LINE 13			
CITY #	MUNICIPALITY	TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL <u>NEEDS</u> LENGTH CODED AS COMMON BOUNDARY	TOTAL <u>NEEDS</u> LENGTH MSB APPROVED ONE WAY	CSAH TURN- BACK	COUNTY ROAD TURN- BACK	TRUNK HWY TURN- BACK	MSAS MILEAGE EXCLUDE TB's	IMPROVED MILEAGE	UN- IMPROVED MILEAGE	NON- EXISITNG MILEAGE	TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH
139	MARSHALL					3.51	1.44	14.12	18.45		0.62	19.07	19.07
250	MEDINA		0.94					12.59	11.59		1.00	12.59	12.59
140	MENDOTA HEIGHTS	0.17	0.23		0.65	0.23		14.29	15.34			15.17	15.34
141	MINNEAPOLIS		1.82		9.67		8.84	188.27	205.92		0.86	206.78	206.78
142	MINNETONKA		2.04					51.23	51.23			51.23	51.23
243	MINNETRISTA	0.41						12.98	13.39			12.98	13.39
143	MONTEVIDEO	0.16						8.98	9.14			8.98	9.14
222	MONTICELLO				0.50	0.74		11.11	12.35			12.35	12.35
144	MOORHEAD	0.25		2.10		8.48	2.99	38.43	52.25			49.90	52.25
190	MORRIS				1.78	0.04		6.97	8.79			8.79	8.79
145	MOUND							7.94	7.71	0.23		7.94	7.94
146	MOUNDS VIEW		0.24		1.23	2.10		7.53	10.86			10.86	10.86
147	NEW BRIGHTON		0.38		0.73	0.38		14.16	12.98		2.29	15.27	15.27
182	NEW HOPE		1.53					12.86	12.86			12.86	12.86
237	NEW PRAGUE				0.56	1.00		8.03	9.35	0.10	0.14	9.59	9.59
148	NEW ULM						0.58	17.43	18.01			18.01	18.01
225	NORTH BRANCH				0.70	4.52		22.59	27.18		0.63	27.81	27.81
150	NORTH MANKATO				0.22		1.90	13.65	15.77			15.77	15.77
151	NORTH ST PAUL		1.25		2.73			8.66	11.12		0.27	11.39	11.39
149	NORTHFIELD				1.29		0.80	14.97	16.53		0.53	17.06	17.06
223	OAK GROVE		1.97			1.55		25.04	24.18		2.41	26.59	26.59
185	OAKDALE		0.04				0.60	18.79	19.39			19.39	19.39
152	ORONO		0.41					9.45	9.45			9.45	9.45
217	OTSEGO		1.15					25.21	20.94		4.27	25.21	25.21
153	OWATONNA				7.36	1.31		25.97	34.64			34.64	34.64
155	PLYMOUTH		1.51		1.76			64.67	66.43			66.43	66.43
201	PRIOR LAKE	0.21	0.23		1.20	0.61		19.82	20.52		1.32	21.63	21.84
199	RAMSEY		0.40			1.99		35.87	32.27		5.59	37.86	37.86
156	RED WING				0.50			24.36	24.60		0.26	24.86	24.86
207	REDWOOD FALLS				2.02	0.33		8.26	10.08		0.53	10.61	10.61
157	RICHFIELD							24.67	24.67			24.67	24.67
158	ROBBINSDALE		0.54				0.55	9.50	10.05			10.05	10.05
159	ROCHESTER	0.53			7.48	3.60	5.54	93.42	109.61		0.96	110.04	110.57
238	ROGERS				1.83			19.97	21.50		0.30	21.80	21.80
208	ROSEMOUNT		0.175		0.01	6.36		23.515	29.585		0.30	29.885	29.885
160	ROSEVILLE		1.02		3.77	3.94		23.87	31.58			31.58	31.58
220	SARTELL					1.86		17.06	18.92			18.92	18.92
191	SAUK RAPIDS				0.39		1.02	12.96	14.37			14.37	14.37
211	SAVAGE				1.67	2.06		23.54	25.15		2.12	27.27	27.27

2019 Mileage Report

2019 Mileage Report		MILEAGE CERT LINE 16			MILEAGE CERT LINE 4	MILEAGE CERT LINE 7	MILEAGE CERT LINE 2	MILEAGE CERT LINE 6	MILEAGE CERT COLUMN XI	MILEAGE CERT COLUMN X	MILEAGE CERT COLUMN IX	MILEAGE CERT LINE 13	
CITY #	MUNICIPALITY	TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL <u>NEEDS</u> LENGTH CODED AS COMMON BOUNDARY	TOTAL <u>NEEDS</u> LENGTH MSB APPROVED ONE WAY	CSAH TURN- BACK	COUNTY ROAD TURN- BACK	TRUNK HWY TURN- BACK	MSAS MILEAGE EXCLUDE TB's	IMPROVED MILEAGE	UN- IMPROVED MILEAGE	NON- EXISITNG MILEAGE	TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH
166	SHAKOPEE		0.23		3.15	3.01	0.92	31.80	37.84		1.04	38.88	38.88
167	SHOREVIEW		0.25		3.95	0.76		14.98	18.58		1.11	19.69	19.69
216	SHOREWOOD		0.69					9.20	9.20			9.20	9.20
168	SOUTH ST PAUL		0.07		1.60	0.18	0.80	14.88	17.46			17.46	17.46
183	SPRING LAKE PARK		0.12			0.29		5.53	5.82			5.82	5.82
161	ST ANTHONY		0.65			0.45		5.50	5.95			5.95	5.95
162	ST CLOUD		0.19		3.40	1.60	4.32	56.58	59.25	1.06	5.59	65.90	65.90
235	ST FRANCIS		0.24			1.22		12.23	13.45			13.45	13.45
233	ST JOSEPH					1.13		5.63	6.76			6.76	6.76
163	ST LOUIS PARK		0.39		3.54			29.48	32.86		0.16	33.02	33.02
227	ST MICHAEL	0.50	0.25		0.18	0.55		22.74	23.80		0.17	23.47	23.97
164	ST PAUL		1.21		3.45		7.07	154.32	161.50		3.34	164.84	164.84
184	ST PAUL PARK				0.20			5.74	5.94			5.94	5.94
165	ST PETER				1.56		2.12	11.06	14.44		0.30	14.74	14.74
228	STEWARTVILLE							4.71	4.49		0.22	4.71	4.71
169	STILLWATER							18.87	18.35		0.52	18.87	18.87
170	THIEF RIVER FALLS				2.26	1.29		13.41	16.61	0.22	0.13	16.96	16.96
209	VADNAIS HEIGHTS				0.57	0.59		8.01	8.90		0.27	9.17	9.17
241	VICTORIA							8.77	7.52		1.25	8.77	8.77
171	VIRGINIA				1.82		4.14	10.40	16.36			16.36	16.36
231	WACONIA				4.35			10.01	14.27		0.09	14.36	14.36
221	WAITE PARK		0.19				0.51	7.26	7.77			7.77	7.77
172	WASECA							7.71	7.71			7.71	7.71
173	WEST ST PAUL		0.96		0.98	0.23		12.37	13.58			13.58	13.58
174	WHITE BEAR LAKE	0.01			1.98	1.09		17.87	20.95			20.94	20.95
175	WILLMAR					0.94	6.35	20.86	28.15			28.15	28.15
176	WINONA							21.89	21.33		0.56	21.89	21.89
192	WOODBURY							60.15	56.61		3.54	60.15	60.15
177	WORTHINGTON					0.65	0.45	10.68	11.78			11.78	11.78
248	WYOMING					2.36		13.70	15.84		0.22	16.06	16.06
251	ZIMMERMAN							6.52	6.09	0.20	0.23	6.52	6.52
TOTAL		3.90	48.31	2.31	136.75	130.19	147.97	3373.88	3688.69	6.16	100.15	3788.79	3795.00


MSAS NEEDS MILEAGE COMPARISON

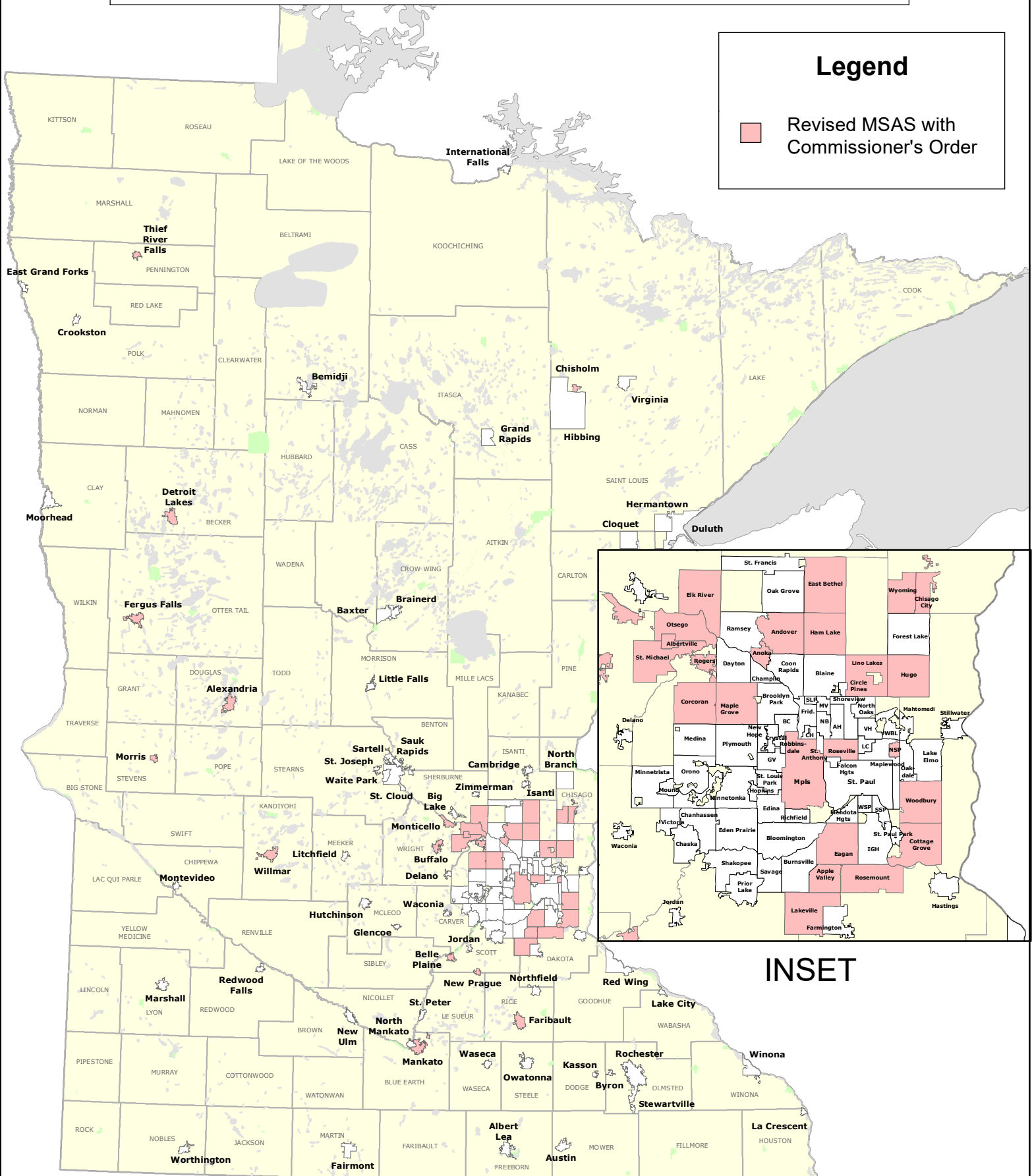
from 2018 to 2019

City	2018 MSAS Needs Mileage	2019 MSAS Needs Mileage	Difference in Mileage	City	2018 MSAS Needs Mileage	2019 MSAS Needs Mileage	Difference in Mileage	City	2018 MSAS Needs Mileage	2019 MSAS Needs Mileage	Difference in Mileage
ALBERT LEA	24.31	24.31		FRIDLEY	22.90	22.90		ORONO	9.45	9.45	
ALBERTVILLE	7.01	7.69	0.68	GLENCOE	8.39	8.39		OTSEGO	24.00	25.21	1.21
ALEXANDRIA	33.28	32.77	(0.51)	GOLDEN VALLEY	23.74	23.74		OWATONNA	34.64	34.64	
ANDOVER	43.48	43.81	0.33	GRAND RAPIDS	26.32	26.32		PLYMOUTH	66.43	66.43	
ANOKA	16.04	16.56	0.52	HAM LAKE	34.27	34.62	0.35	PRIOR LAKE	21.63	21.63	
APPLE VALLEY	37.33	37.50	0.17	HASTINGS	22.61	22.61		RAMSEY	37.86	37.86	
ARDEN HILLS	7.53	7.53		HERMANTOWN	18.65	18.65		RED WING	24.86	24.86	
AUSTIN	30.21	30.21		HIBBING	54.19	54.19		REDWOOD FALLS	10.61	10.61	
BAXTER	17.46	17.46		HOPKINS	9.99	9.99		RICHFIELD	24.67	24.67	
BELLE PLAINE	8.95	9.10	0.15	HUGO	21.19	22.01	0.82	ROBBINSDALE	10.05	10.05	
BEMIDJI	19.01	19.01		HUTCHINSON	19.52	19.52		ROCHESTER	110.12	110.04	(0.08)
BIG LAKE	11.48	11.48		INTERNATIONAL FALLS	8.11	8.05	(0.06)	ROGERS	21.70	21.80	0.10
BLAINE	50.36	50.62	0.26	INVER GROVE HEIGHTS	34.71	34.78	0.07	ROSEMOUNT	29.385	29.885	0.500
BLOOMINGTON	76.12	76.12		ISANTI	6.89	6.89		ROSEVILLE	31.63	31.58	(0.05)
BRAINERD	19.20	19.20		JORDAN	6.10	6.10		SARTELL	18.92	18.92	
BROOKLYN CENTER	21.34	21.34		KASSON	6.60	6.60		SAUK RAPIDS	14.37	14.37	
BROOKLYN PARK	60.71	60.71		LA CRESCENT	5.84	5.84		SAVAGE	27.27	27.27	
BUFFALO	17.24	17.54	0.30	LAKE CITY	8.39	8.39		SHAKOPEE	38.88	38.88	
BURNSVILLE	44.77	44.77		LAKE ELMO	19.12	19.12		SHOREVIEW	19.69	19.69	
BYRON	8.08	8.08		LAKEVILLE	68.33	69.05	0.72	SHOREWOOD	9.20	9.20	
CAMBRIDGE	16.93	16.93		LINO LAKES	23.84	24.52	0.68	SOUTH ST PAUL	17.46	17.46	
CHAMPLIN	20.07	20.05	(0.02)	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	20.80	20.80		LITTLE FALLS	21.75	21.75		ST CLOUD	65.90	65.90	
CHISAGO CITY	8.54	8.75	0.21	MAHTOMEDI	9.56	9.56		ST FRANCIS	13.45	13.45	
CHISHOLM	8.41	8.61	0.20	MANKATO	40.425	40.67	0.245	ST JOSEPH	6.76	6.76	
CIRCLE PINES	3.60	3.60		MAPLE GROVE	58.61	59.06	0.45	ST LOUIS PARK	33.02	33.02	
CLOQUET	22.75	22.75		MAPLEWOOD	36.68	36.68		ST MICHAEL	23.16	23.47	0.31
COLUMBIA HEIGHTS	12.50	12.50		MARSHALL	18.78	19.07	0.29	ST PAUL	164.84	164.84	
COON RAPIDS	44.40	44.40		MEDINA	12.59	12.59		ST PAUL PARK	5.94	5.94	
CORCORAN	15.53	15.79	0.26	MENDOTA HEIGHTS	15.17	15.17		ST PETER	14.74	14.74	
COTTAGE GROVE	35.31	34.39	(0.92)	MINNEAPOLIS	207.30	206.78	(0.52)	STEWARTVILLE	4.71	4.71	
CROOKSTON	11.58	11.58		MINNETONKA	51.19	51.23	0.04	STILLWATER	18.87	18.87	
CRYSTAL	17.57	17.57		MINNETRISTA	12.98	12.98		THIEF RIVER FALLS	16.74	16.96	0.22
DAYTON	10.62	10.62		MONTEVIDEO	8.98	8.98		VADNAIS HEIGHTS	9.17	9.17	
DELANO	6.21	6.21		MONTICELLO	12.19	12.35	0.16	VICTORIA	8.77	8.77	
DETROIT LAKES	24.52	25.29	0.77	MOORHEAD	49.91	49.90	(0.01)	VIRGINIA	16.36	16.36	
DULUTH	118.12	118.12		MORRIS	9.18	8.79	(0.39)	WACONIA	14.36	14.36	
EAGAN	49.24	49.43	0.19	MOUND	7.94	7.94		WAITE PARK	7.77	7.77	
EAST BETHEL	28.84	29.73	0.89	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	9.59	1.83	WILLMAR	27.99	28.15	0.16
ELK RIVER	38.27	39.23	0.96	NEW ULM	18.01	18.01		WINONA	21.89	21.89	
FAIRMONT	20.12	20.12		NORTH BRANCH	27.81	27.81		WOODBURY	58.89	60.15	1.26
FALCON HEIGHTS	3.29	3.29		NORTH MANKATO	15.77	15.77		WORTHINGTON	11.78	11.78	
FARIBAULT	24.07	27.99	3.92	NORTH ST PAUL	11.34	11.39	0.05	WYOMING	16.06	16.06	
FARMINGTON	16.95	16.95		NORTHFIELD	17.06	17.06		ZIMMERMAN	6.52	6.52	
FERGUS FALLS	26.66	26.66		OAK GROVE	26.59	26.59					
FOREST LAKE	33.83	33.83		OAKDALE	19.39	19.39					
								Total	3,772.07	3,788.79	16.72

State Aid Cities that had System Revisions in 2019

Legend

 Revised MSAS with Commissioner's Order



INSET

2019 CONSTRUCTION NEEDS & 2020 CONSTRUCTION NEEDS ALLOCATIONS

Fifty percent 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.

- Determine which cities will have a "restriction" applied to their 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 2019)
- Trunk Highway Turnback Maintenance (none for 2019)

By applying these adjustments, the "Adjusted Restricted Construction Needs" are calculated for each city. These Needs figures will be 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 2020.

The tentative Needs allocations in this book are based on a projected money needs apportionment of **\$101,028,385**. (This is the sum of last year's apportionment of \$96,232,915, *plus* the dedicated revenue increase from the sales tax on auto parts. The increase in the money needs portion of the distribution will be approximately \$4,795,470)

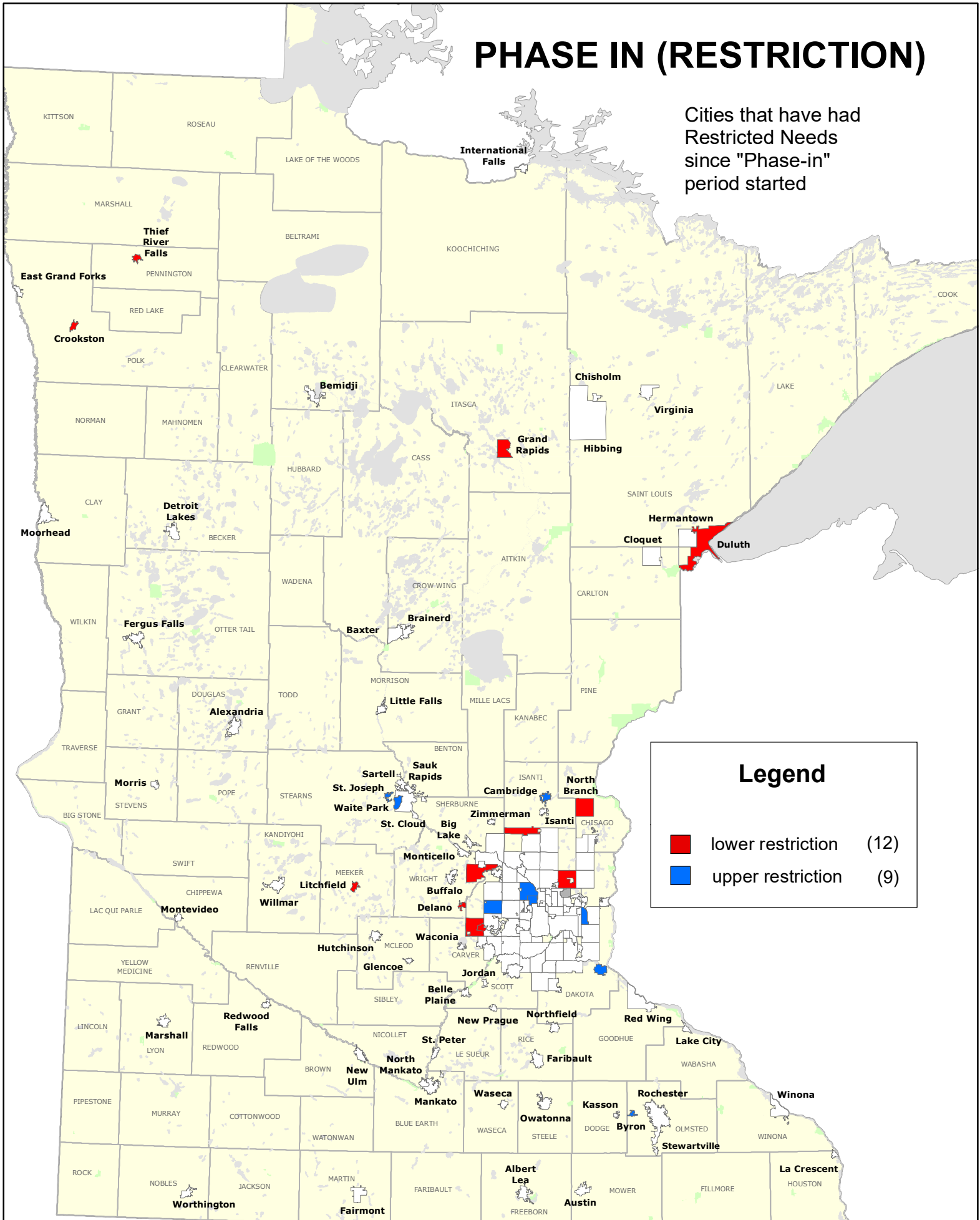
The Municipal Screening Board will make their Money Needs recommendation by Nov. 1st.

The data on the following pages are for the Screening Board's use in determining the Tentative 2020 Construction Needs. These tabulations show the impact of the individual adjustments and the tentative allocations to each city.

Step one is applying the Restriction.

PHASE IN (RESTRICTION)

Cities that have had
Restricted Needs
since "Phase-in"
period started



THE PHASE IN PROCESS – YEAR SIX

In 2014, the Screening Board approved a new method of Needs Calculations referred to as "Continuous Needs". Before these new Needs calculations were to be used for the 2015 apportionment, it was recognized that under this new method certain cities would see significant changes in their new **25 Year Construction Needs figures**. In the first year, several cities saw notable decreases to their Needs (as much as -25%), while other cities saw 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 voted to implement a ***phase in period*** for the new Needs method. (See Screening Board resolutions for details). This "phase-in" (or *restriction*) essentially prevents 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 25 (for the upcoming 2020 distribution). Of those 25 cities, 21 of them have had restricted Needs since the process started.

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 2020

Bandwidth is - 5.00% and +10.00% from the Statewide Average Percent of Change. State Average Percent of Change is **+4.44%**. Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **-0.56%**, but not more than **+14.44%** from the Restricted Needs from January 2019. Otherwise a restriction is applied.

- 13 Cities received the Lower Restriction
- 12 Cities received the Upper Restriction
- 123 Cities received No Restriction

	Restricted Needs used for 2019 Distribution	Unadjusted Construction Needs for 2020 Distribution	Percent Change from 2019 to 2020	Lower Restriction (-0.56%)	Upper Restriction (+14.44%)	No Restriction	Restricted Needs For Jan. 2020 Distribution
Albert Lea	\$47,717,625	\$49,553,800	3.85	\$0	\$0	\$49,553,800	\$49,553,800
Albertville	13,115,719	14,063,411	7.23	0	0	14,063,411	14,063,411
Alexandria	63,026,919	64,350,150	2.10	0	0	64,350,150	64,350,150
Andover	66,173,658	68,889,904	4.10	0	0	68,889,904	68,889,904
Anoka	32,106,892	34,372,928	7.06	0	0	34,372,928	34,372,928
Apple Valley	79,687,487	83,467,649	4.74	0	0	83,467,649	83,467,649
Arden Hills	11,965,077	12,393,131	3.58	0	0	12,393,131	12,393,131
Austin	64,107,972	66,741,234	4.11	0	0	66,741,234	66,741,234
Baxter	34,396,706	35,825,475	4.15	0	0	35,825,475	35,825,475
Belle Plaine	16,006,608	16,898,034	5.57	0	0	16,898,034	16,898,034
Bemidji	36,952,410	38,693,299	4.71	0	0	38,693,299	38,693,299
Big Lake	17,791,722	17,916,791	0.70	0	0	17,916,791	17,916,791
Blaine	95,919,022	104,661,681	9.11	0	0	104,661,681	104,661,681
Bloomington	180,579,374	187,115,000	3.62	0	0	187,115,000	187,115,000
Brainerd	39,033,106	40,657,156	4.16	0	0	40,657,156	40,657,156
Brooklyn Center *	37,678,367	48,170,614	27.85	0	43,119,123	0	43,119,123
Brooklyn Park *	111,032,738	128,385,375	15.63	0	127,065,865	0	127,065,865
Buffalo	31,725,917	33,344,455	5.10	0	0	33,344,455	33,344,455
Burnsville	100,984,143	105,338,872	4.31	0	0	105,338,872	105,338,872
Byron	10,885,532	14,104,369	29.57	0	12,457,403	0	12,457,403
Cambridge	30,025,231	34,974,393	16.48	0	34,360,874	0	34,360,874
Champlin	39,493,315	40,979,865	3.76	0	0	40,979,865	40,979,865
Chanhassen	46,026,629	47,742,152	3.73	0	0	47,742,152	47,742,152

	Restricted Needs used for 2019 Distribution	Unadjusted Construction Needs for 2020 Distribution	Percent Change from 2019 to 2020	Lower Restriction (-0.56%)	Upper Restriction (+14.44%)	No Restriction	Restricted Needs For Jan. 2020 Distribution
Chaska	\$40,195,616	\$42,777,214	6.42	\$0	\$0	\$42,777,214	\$42,777,214
Chisago City	12,558,186	13,243,579	5.46	0	0	13,243,579	13,243,579
Chisholm	13,531,994	14,334,724	5.93	0	0	14,334,724	14,334,724
Circle Pines	5,759,201	5,961,916	3.52	0	0	5,961,916	5,961,916
Cloquet	38,059,740	39,534,643	3.88	0	0	39,534,643	39,534,643
Columbia Heights	22,199,786	22,922,006	3.25	0	0	22,922,006	22,922,006
Coon Rapids	97,651,000	100,984,145	3.41	0	0	100,984,145	100,984,145
Corcoran	19,801,994	24,053,658	21.47	0	22,661,402	0	22,661,402
Cottage Grove	66,714,668	67,284,742	0.85	0	0	67,284,742	67,284,742
Crookston **	28,683,188	24,928,200	(13.09)	28,522,562	0	0	28,522,562
Crystal	29,591,006	30,657,941	3.61	0	0	30,657,941	30,657,941
Dayton	14,660,375	15,381,981	4.92	0	0	15,381,981	15,381,981
Delano **	12,720,805	10,995,767	(13.56)	12,649,568	0	0	12,649,568
Detroit Lakes	44,431,814	47,784,190	7.54	0	0	47,784,190	47,784,190
Duluth **	263,839,661	260,087,647	(1.42)	262,362,159	0	0	262,362,159
Eagan	106,594,842	111,220,898	4.34	0	0	111,220,898	111,220,898
East Bethel	39,532,467	40,896,890	3.45	0	0	40,896,890	40,896,890
East Grand Forks	36,994,081	38,773,318	4.81	0	0	38,773,318	38,773,318
Eden Prairie	108,653,090	112,751,505	3.77	0	0	112,751,505	112,751,505
Edina	95,032,191	98,737,497	3.90	0	0	98,737,497	98,737,497
Elk River	74,503,188	77,167,343	3.58	0	0	77,167,343	77,167,343
Fairmont	38,570,851	39,688,679	2.90	0	0	39,688,679	39,688,679
Falcon Heights	5,494,509	5,687,939	3.52	0	0	5,687,939	5,687,939
Faribault	52,522,316	62,065,366	18.17	0	60,106,538	0	60,106,538
Farmington	29,806,950	30,938,527	3.80	0	0	30,938,527	30,938,527
Fergus Falls	58,556,705	60,968,424	4.12	0	0	60,968,424	60,968,424
Forest Lake	58,236,945	58,594,609	0.61	0	0	58,594,609	58,594,609
Fridley	40,192,922	41,629,088	3.57	0	0	41,629,088	41,629,088
Glencoe	14,153,517	14,660,717	3.58	0	0	14,660,717	14,660,717
Golden Valley	49,603,154	51,475,747	3.78	0	0	51,475,747	51,475,747
Grand Rapids **	52,013,884	48,257,679	(7.22)	51,722,606	0	0	51,722,606
Ham Lake	46,942,087	49,078,639	4.55	0	0	49,078,639	49,078,639
Hastings *	33,818,565	46,341,282	37.03	0	38,701,966	0	38,701,966

	Restricted Needs used for 2019 Distribution	Unadjusted Construction Needs for 2020 Distribution	Percent Change from 2019 to 2020	Lower Restriction (-0.56%)	Upper Restriction (+14.44%)	No Restriction	Restricted Needs For Jan. 2020 Distribution
Hermantown	\$34,169,548	\$35,402,894	3.61	\$0	\$0	\$35,402,894	\$35,402,894
Hibbing	84,109,266	87,102,570	3.56	0	0	87,102,570	87,102,570
Hopkins	22,304,685	23,096,610	3.55	0	0	23,096,610	23,096,610
Hugo	33,238,042	35,983,039	8.26	0	0	35,983,039	35,983,039
Hutchinson	40,901,981	42,620,845	4.20	0	0	42,620,845	42,620,845
International Falls	11,948,379	12,284,929	2.82	0	0	12,284,929	12,284,929
Inver Grove Heights	64,292,861	66,717,154	3.77	0	0	66,717,154	66,717,154
Isanti	10,111,126	10,469,355	3.54	0	0	10,469,355	10,469,355
Jordan	11,727,965	11,944,759	1.85	0	0	11,944,759	11,944,759
Kasson	10,928,760	11,345,852	3.82	0	0	11,345,852	11,345,852
La Crescent	8,686,663	8,810,501	1.43	0	0	8,810,501	8,810,501
Lake City	12,624,085	12,980,354	2.82	0	0	12,980,354	12,980,354
Lake Elmo	30,705,563	31,810,749	3.60	0	0	31,810,749	31,810,749
Lakeville	128,129,328	133,928,448	4.53	0	0	133,928,448	133,928,448
Lino Lakes **	40,287,931	37,867,016	(6.01)	40,062,319	0	0	40,062,319
Litchfield **	15,365,978	14,242,673	(7.31)	15,279,929	0	0	15,279,929
Little Canada	19,872,077	20,190,585	1.60	0	0	20,190,585	20,190,585
Little Falls	35,304,647	36,562,658	3.56	0	0	36,562,658	36,562,658
Mahtomedi	14,643,249	15,652,176	6.89	0	0	15,652,176	15,652,176
Mankato	93,987,193	98,868,267	5.19	0	0	98,868,267	98,868,267
Maple Grove	119,681,508	125,499,950	4.86	0	0	125,499,950	125,499,950
Maplewood	70,253,992	72,887,387	3.75	0	0	72,887,387	72,887,387
Marshall	35,819,475	37,634,020	5.07	0	0	37,634,020	37,634,020
Medina *	16,353,509	19,395,172	18.60	0	18,714,956	0	18,714,956
Mendota Heights	26,095,270	28,409,806	8.87	0	0	28,409,806	28,409,806
Minneapolis	573,953,550	595,459,169	3.75	0	0	595,459,169	595,459,169
Minnetonka	98,048,619	102,997,425	5.05	0	0	102,997,425	102,997,425
Minnetrista **	19,990,914	19,170,392	(4.10)	19,878,965	0	0	19,878,965
Montevideo	14,420,656	14,932,871	3.55	0	0	14,932,871	14,932,871
Monticello	23,315,681	24,583,717	5.44	0	0	24,583,717	24,583,717
Moorhead	124,941,118	130,494,170	4.44	0	0	130,494,170	130,494,170
Morris	15,087,111	14,985,205	(0.68)	15,002,623	0	0	15,002,623
Mound **	14,936,162	13,367,065	(10.51)	14,852,519	0	0	14,852,519

	Restricted Needs used for 2019 Distribution	Unadjusted Construction Needs for 2020 Distribution	Percent Change from 2019 to 2020	Lower Restriction (-0.56%)	Upper Restriction (+14.44%)	No Restriction	Restricted Needs For Jan. 2020 Distribution
Mounds View	\$17,581,008	\$18,204,060	3.54	\$0	\$0	\$18,204,060	\$18,204,060
New Brighton	25,066,582	25,964,287	3.58	0	0	25,964,287	25,964,287
New Hope	26,128,116	27,075,282	3.63	0	0	27,075,282	27,075,282
New Prague	11,991,188	16,266,424	35.65	0	13,722,716	0	13,722,716
New Ulm	33,002,257	34,495,848	4.53	0	0	34,495,848	34,495,848
North Branch **	43,542,625	42,131,205	(3.24)	43,298,786	0	0	43,298,786
North Mankato	31,863,396	33,037,221	3.68	0	0	33,037,221	33,037,221
North St. Paul	19,177,374	19,913,097	3.84	0	0	19,913,097	19,913,097
Northfield	31,135,705	32,319,937	3.80	0	0	32,319,937	32,319,937
Oak Grove	37,478,824	38,803,881	3.54	0	0	38,803,881	38,803,881
Oakdale *	32,394,389	40,974,988	26.49	0	37,072,139	0	37,072,139
Orono	17,654,211	18,347,387	3.93	0	0	18,347,387	18,347,387
Otsego	36,939,100	40,470,951	9.56	0	0	40,470,951	40,470,951
Owatonna	68,486,603	71,112,905	3.83	0	0	71,112,905	71,112,905
Plymouth	144,513,482	150,167,228	3.91	0	0	150,167,228	150,167,228
Prior Lake	36,103,302	37,397,501	3.58	0	0	37,397,501	37,397,501
Ramsey	56,664,545	58,768,062	3.71	0	0	58,768,062	58,768,062
Red Wing	48,023,508	49,879,686	3.87	0	0	49,879,686	49,879,686
Redwood Falls	16,450,235	17,077,782	3.81	0	0	17,077,782	17,077,782
Richfield	53,581,691	55,516,577	3.61	0	0	55,516,577	55,516,577
Robbinsdale	19,245,273	19,974,402	3.79	0	0	19,974,402	19,974,402
Rochester	275,020,160	295,467,294	7.43	0	0	295,467,294	295,467,294
Rogers	40,276,532	41,763,008	3.69	0	0	41,763,008	41,763,008
Rosemount	49,152,954	52,139,809	6.08	0	0	52,139,809	52,139,809
Roseville	55,367,989	57,087,435	3.11	0	0	57,087,435	57,087,435
Sartell	38,689,006	40,119,191	3.70	0	0	40,119,191	40,119,191
Sauk Rapids	32,452,848	33,905,449	4.48	0	0	33,905,449	33,905,449
Savage	50,142,811	52,002,257	3.71	0	0	52,002,257	52,002,257
Shakopee	74,473,858	77,711,059	4.35	0	0	77,711,059	77,711,059
Shoreview	34,447,164	35,670,694	3.55	0	0	35,670,694	35,670,694
Shorewood	16,168,738	16,746,424	3.57	0	0	16,746,424	16,746,424
South St. Paul	30,842,481	31,760,282	2.98	0	0	31,760,282	31,760,282
Spring Lake Park	10,124,035	11,014,310	8.79	0	0	11,014,310	11,014,310

	Restricted Needs used for 2019 Distribution	Unadjusted Construction Needs for 2020 Distribution	Percent Change from 2019 to 2020	Lower Restriction (-0.56%)	Upper Restriction (+14.44%)	No Restriction	Restricted Needs For Jan. 2020 Distribution
St. Anthony	\$12,916,389	\$13,423,782	3.93	\$0	\$0	\$13,423,782	\$13,423,782
St. Cloud	148,785,942	154,755,190	4.01	0	0	154,755,190	154,755,190
St. Francis **	24,005,871	19,308,342	(19.57)	23,871,438	0	0	23,871,438
St. Joseph *	5,190,153	11,472,034	121.03	0	5,939,611	0	5,939,611
St. Louis Park	77,313,274	80,225,350	3.77	0	0	80,225,350	80,225,350
St. Michael **	45,260,394	39,860,278	(11.93)	45,006,936	0	0	45,006,936
St. Paul	453,086,989	473,362,392	4.47	0	0	473,362,392	473,362,392
St. Paul Park	11,454,200	11,950,397	4.33	0	0	11,950,397	11,950,397
St. Peter	26,645,289	27,157,747	1.92	0	0	27,157,747	27,157,747
Stewartville	6,984,192	7,251,293	3.82	0	0	7,251,293	7,251,293
Stillwater	34,640,606	35,897,210	3.63	0	0	35,897,210	35,897,210
Thief River Falls **	38,147,605	34,271,316	(10.16)	37,933,978	0	0	37,933,978
Vadnais Heights	16,212,510	16,654,328	2.73	0	0	16,654,328	16,654,328
Victoria	13,050,379	14,043,324	7.61	0	0	14,043,324	14,043,324
Virginia	31,369,862	32,520,268	3.67	0	0	32,520,268	32,520,268
Waconia	26,330,455	28,330,614	7.60	0	0	28,330,614	28,330,614
Waite Park *	14,567,658	16,750,823	14.99	0	16,671,228	0	16,671,228
Waseca	13,163,927	13,633,563	3.57	0	0	13,633,563	13,633,563
West St. Paul	25,719,413	26,639,405	3.58	0	0	26,639,405	26,639,405
White Bear Lake	37,185,841	38,516,390	3.58	0	0	38,516,390	38,516,390
Willmar	59,461,686	62,709,076	5.46	0	0	62,709,076	62,709,076
Winona	48,124,180	49,947,663	3.79	0	0	49,947,663	49,947,663
Woodbury	127,815,424	132,630,529	3.77	0	0	132,630,529	132,630,529
Worthington	21,364,581	22,155,096	3.70	0	0	22,155,096	22,155,096
Wyoming	25,880,375	26,692,325	3.14	0	0	26,692,325	26,692,325
Zimmerman	8,754,105	9,820,341	12.18	0	0	9,820,341	9,820,341
Total	\$7,601,903,649	\$7,939,469,020	4.44%	\$610,444,389	\$430,593,821	\$6,897,041,737	\$7,938,079,947

* Has been on the *upper restriction* since Phase-In began

** Has been on the *lower restriction* since Phase-In began

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Cities that have had Restricted Needs Since Phase-in started

Lower Restriction Cities, since 2014

% points *below* the State Aid City Average

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

CITY	2014	2015	2016	2017	2018	2019	avg change
Crookston	-39.00	-31.81	-23.30	-23.45	-21.28	-17.53	-4.29
Delano	-37.15	-32.44	-26.07	-25.20	-21.24	-18.00	-3.83
Duluth *	-27.99	-23.62	-19.10	-14.47	-9.87	-5.86	-4.43
Grand Rapids	-36.00	-31.96	-26.40	-20.17	-15.57	-11.66	-4.87
Lino Lakes	-38.00	-34.88	-27.53	-22.00	-17.35	-10.45	-5.51
Litchfield	-34.56	-30.44	-25.60	-19.90	-15.10	-11.75	-4.56
Minnetrissa *	-38.94	-35.80	-30.72	-25.76	-21.46	-8.54	-6.08
Mound	-38.49	-34.13	-27.79	-22.29	-18.04	-14.95	-4.71
North Branch *	-31.97	-27.62	-22.89	-16.89	-11.33	-7.68	-4.86
St. Francis	-39.01	-33.25	-28.33	-22.84	-18.39	-24.01	-3.00
St. Michael	-42.03	-37.54	-32.24	-26.73	-20.79	-16.37	-5.13
Thief River Falls	-38.59	-33.07	-27.76	-25.02	-18.81	-14.60	-4.80

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	2019	avg change
Brooklyn Center	110.65	92.58	64.95	50.48	35.84	23.41	17.45
Brooklyn Park *	70.36	63.51	43.77	34.63	22.93	11.19	11.83
Byron	28.75	32.10	19.24	45.35	41.50	25.13	0.72
Cambridge *	78.35	65.70	48.80	36.69	23.49	12.04	13.26
Hastings	101.92	94.85	76.95	61.47	45.69	32.59	13.87
Medina *	74.27	59.47	43.68	33.08	26.23	14.16	12.02
Oakdale *	101.70	84.95	62.64	50.67	35.90	22.05	15.93
St. Joseph	151.73	128.57	173.03	152.39	136.54	116.59	7.03
Waite Park *	63.95	54.08	36.45	26.74	22.16	10.55	10.68

* Estimated that the city will no longer have restricted Needs after 2019

Difference between Unadjusted Needs and Restricted Needs, 2019

Lower Restriction Cities since 2014

City	Unadjusted Needs 2019	Restricted Needs 2019	Difference	% Difference
Crookston	\$24,928,200	\$28,522,562	\$3,594,362	14.4
Delano	\$10,995,767	\$12,649,568	\$1,653,801	15.0
Duluth	\$260,087,647	\$262,362,159	\$2,274,512	0.9
Grand Rapids	\$48,257,679	\$51,722,606	\$3,464,927	7.2
Lino Lakes	\$37,867,016	\$40,062,319	\$2,195,303	5.8
Litchfield	\$14,242,673	\$15,279,929	\$1,037,256	7.3
Minnetrasta	\$19,170,392	\$19,878,965	\$708,573	3.7
Mound	\$13,367,065	\$14,852,519	\$1,485,454	11.1
North Branch	\$42,131,205	\$43,298,786	\$1,167,581	2.8
St. Francis	\$19,308,342	\$23,871,438	\$4,563,096	23.6
St. Michael	\$39,860,278	\$45,006,936	\$5,146,658	12.9
Thief River Falls	\$34,271,316	\$37,933,978	\$3,662,662	10.7

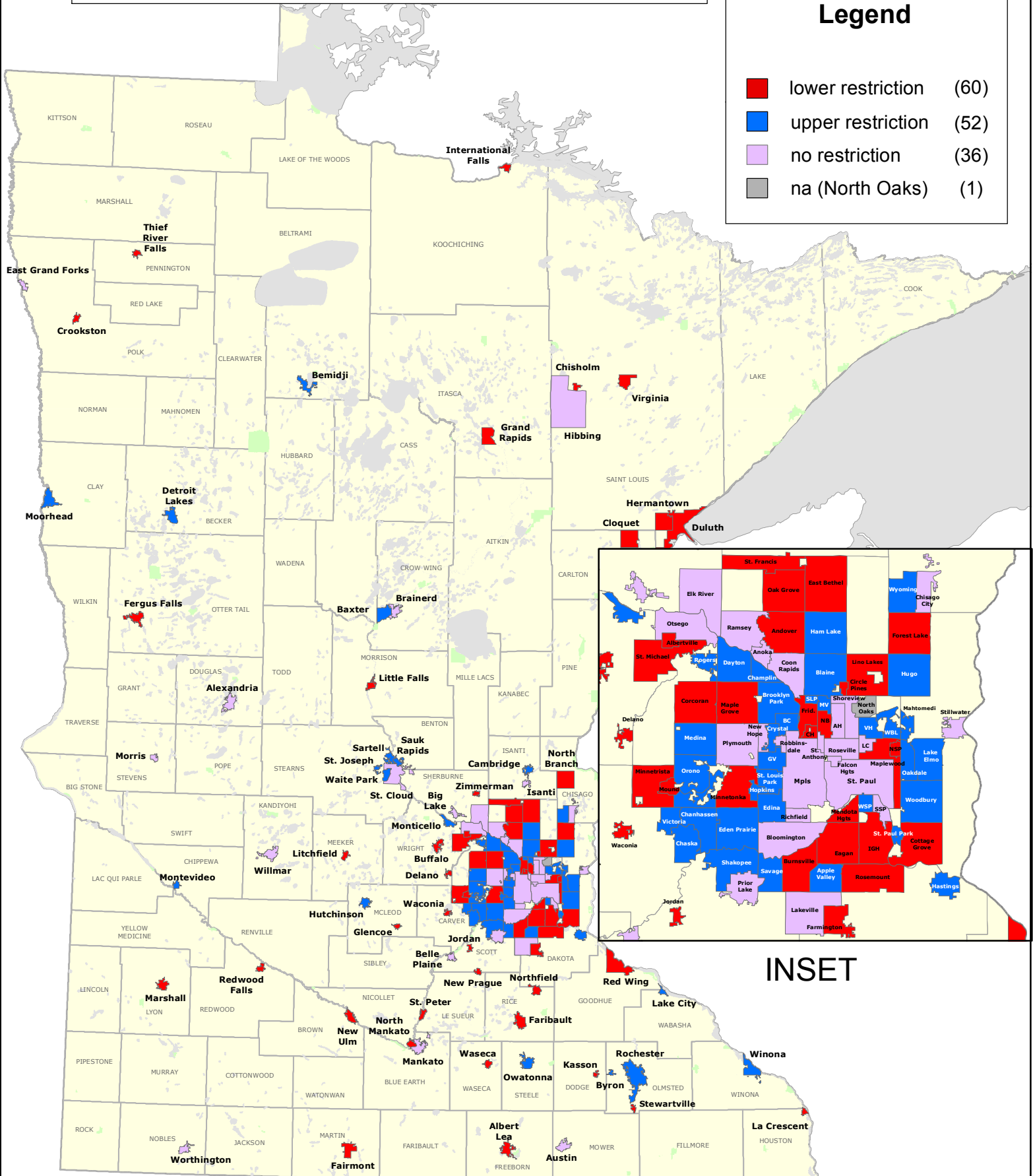
Upper Restriction Cities since 2014

City	Unadjusted Needs 2019	Restricted Needs 2019	Difference	% Difference
Brooklyn Center	\$48,170,614	\$43,119,123	-\$5,051,491	-10.5
Brooklyn Park	\$128,385,375	\$127,065,865	-\$1,319,510	-1.0
Byron	\$14,104,369	\$12,457,403	-\$1,646,966	-11.7
Cambridge	\$34,974,393	\$34,360,874	-\$613,519	-1.8
Hastings	\$46,341,282	\$38,701,966	-\$7,639,316	-16.5
Medina	\$19,395,172	\$18,714,956	-\$680,216	-3.5
Oakdale	\$40,974,988	\$37,072,139	-\$3,902,849	-9.5
St. Joseph	\$11,472,034	\$5,939,611	-\$5,532,423	-48.2
Waite Park	\$16,750,823	\$16,671,228	-\$79,595	-0.5

Restricted Cities, 2014

Legend

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

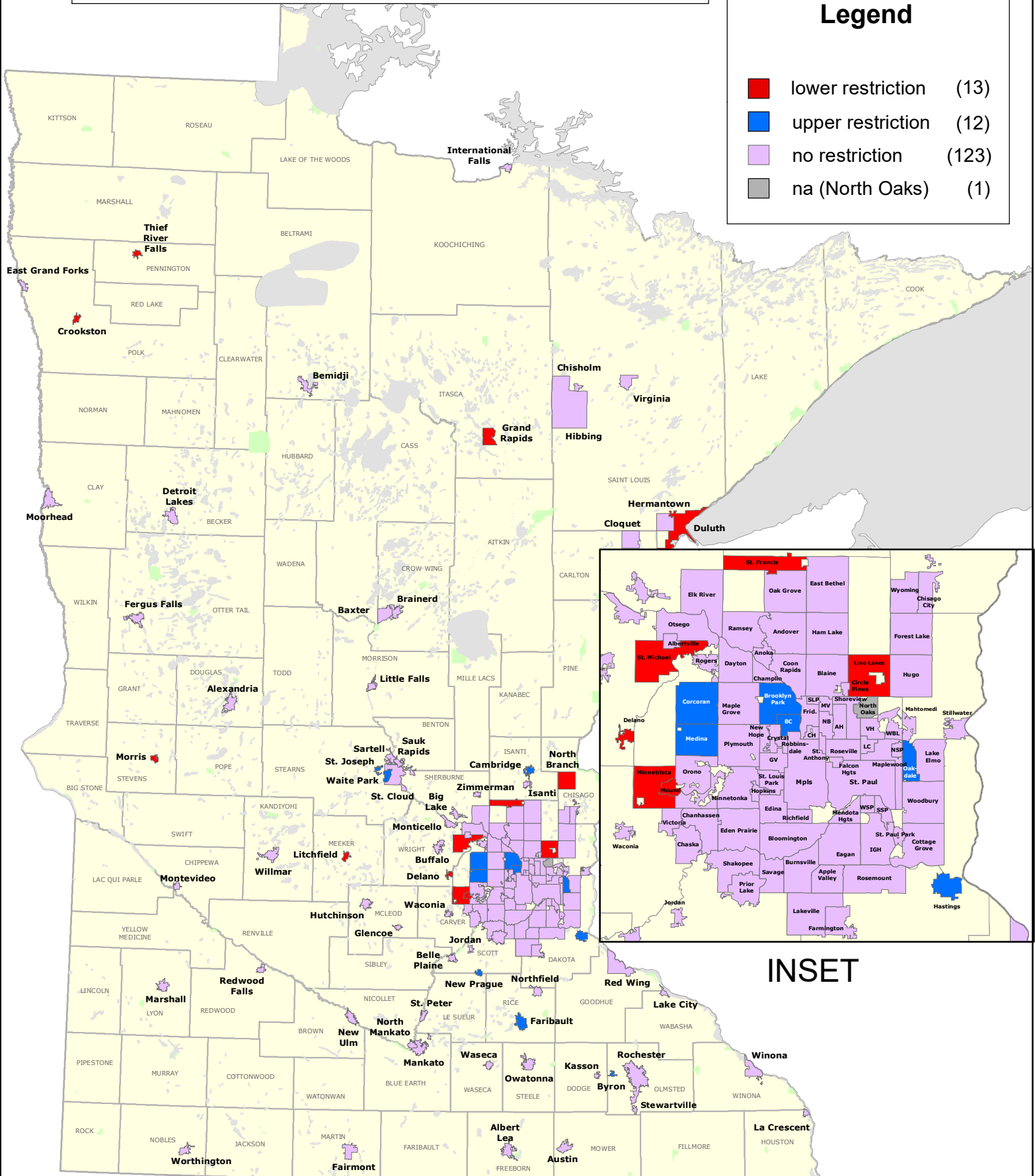


INSET

Restricted Cities, 2019

Legend

- lower restriction (13)
- upper restriction (12)
- no restriction (123)
- na (North Oaks) (1)



INSET

Adjustments to the Restricted Construction Needs



EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

Screening Board Resolutions state:

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 the construction fund balance is over \$1,500,000, then 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 the balance is over \$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

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 12, 2019 balance is used for this report. The final adjustment will be made using the December 31, 2019 construction fund balances.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

For 2020 distribution

Municipality	January 2019 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/12/2019	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2020 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Albert Lea	\$778,948	\$338,273	0.434				\$49,553,800	0.0106	\$119,484
Albertville	333,576	1,298,700	3.893	No Adjustment / balance under 1.5 million					
Alexandria	844,084	(2,225,628)	(2.637)				\$64,350,150	0.0138	\$155,161
Andover	1,212,563	0	0.000				68,889,904	0.0148	166,107
Anoka	632,850	(2,485,198)	(3.927)				34,372,928	0.0074	82,880
Apple Valley	1,701,746	5,771,200	3.391		1	(5,771,200)			
Arden Hills	293,894	0	0.000				12,393,131	0.0027	29,882
Austin	1,323,062	2,655,877	2.007						
Baxter	479,237	(321,055)	(0.670)				35,825,475	0.0077	86,382
Belle Plaine	344,876	129,915	0.377				16,898,034	0.0036	40,744
Bemidji	629,820	849,028	1.348						
Big Lake	345,360	(588,787)	(1.705)				17,916,791	0.0038	43,201
Blaine	2,139,130	5,403,591	2.526						
Bloomington	2,914,898	5,635,603	1.933						
Brainerd	812,643	(1,140,926)	(1.404)				40,657,156	0.0087	98,032
Brooklyn Center	1,067,955	(1,688,330)	(1.581)				43,119,123	0.0093	103,969
Brooklyn Park	2,508,538	1,076,912	0.429				127,065,865	0.0273	306,380
Buffalo	613,781	383,585	0.625				33,344,455	0.0072	80,400
Burnsville	2,081,245	1,233,053	0.592				105,338,872	0.0226	253,992
Byron	204,931	725,116	3.538	No Adjustment / balance under 1.5 million					
Cambridge	544,117	0	0.000				34,360,874	0.0074	82,851
Champlin	802,665	116,582	0.145				40,979,865	0.0088	98,810
Chanhassen	904,616	775,967	0.858				47,742,152	0.0103	115,116
Chaska	869,896	0	0.000				42,777,214	0.0092	103,144
Chisago City	215,034	(422,815)	(1.966)				13,243,579	0.0028	31,933
Chisholm	218,002	(677,073)	(3.106)				14,334,724	0.0031	34,564
Circle Pines	179,143	276,737	1.545						
Cloquet	503,399	(535,030)	(1.063)				39,534,643	0.0085	95,326
Columbia Heights	575,486	0	0.000				22,922,006	0.0049	55,269
Coon Rapids	2,536,334	(2,666,997)	(1.052)				100,984,145	0.0217	243,492
Corcoran	249,229	1,488,771	5.974	No Adjustment / balance under 1.5 million					
Cottage Grove	1,681,501	1,572,758	0.935				67,284,742	0.0145	162,237
Crookston	414,834	989,846	2.386						
Crystal	695,778	(1,710,022)	(2.458)				30,657,941	0.0066	73,922
Dayton	237,348	0	0.000				15,381,981	0.0033	37,089

Municipality	January 2019 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/12/2019	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2020 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Delano	\$229,945	\$205,761	0.895				\$12,649,568	0.0027	\$30,501
Detroit Lakes	588,563	(1,859,141)	(3.159)				47,784,190	0.0103	115,217
Duluth	3,920,156	0	0.000				\$262,362,159	0.0564	632,606
Eagan	2,927,164	(3,004,170)	(1.026)				111,220,898	0.0239	268,175
East Bethel	598,202	59,372	0.099				40,896,890	0.0088	98,610
East Grand Forks	409,603	340,163	0.830				38,773,318	0.0083	93,490
Eden Prairie	2,420,791	(2,208,349)	(0.912)				112,751,505	0.0242	271,866
Edina	1,848,127	2,413,847	1.306						
Elk River	1,168,220	2,342,354	2.005						
Fairmont	711,338	1,708,380	2.402						
Falcon Heights	150,602	532,531	3.536	No Adjustment / balance under 1.5 million					
Faribault	926,830	124,372	0.134				60,106,538	0.0129	144,928
Farmington	688,143	0	0.000				30,938,527	0.0066	74,599
Fergus Falls	807,313	1,797,534	2.227						
Forest Lake	919,650	281,279	0.306				58,594,609	0.0126	141,283
Fridley	779,451	1,520,185	1.950						
Glencoe	257,949	673,527	2.611						
Golden Valley	805,163	657,433	0.817				51,475,747	0.0111	124,118
Grand Rapids	657,793	242,227	0.368				51,722,606	0.0111	124,713
Ham Lake	743,146	623,035	0.838				49,078,639	0.0105	118,338
Hastings	729,742	1,599,727	2.192						
Hermantown	596,458	82,417	0.138				35,402,894	0.0076	85,363
Hibbing	1,026,618	224,652	0.219				87,102,570	0.0187	210,021
Hopkins	556,891	0	0.000				23,096,610	0.0050	55,690
Hugo	587,908	0	0.000				35,983,039	0.0077	86,762
Hutchinson	826,815	945,739	1.144						
International Falls	293,321	543,363	1.852						
Inver Grove Heights	1,251,623	(1,361,873)	(1.088)				66,717,154	0.0143	160,868
Isanti	201,464	(274,223)	(1.361)				10,469,355	0.0022	25,244
Jordan	221,306	108,054	0.488				11,944,759	0.0026	28,801
Kasson	220,129	1,161,835	5.278	No Adjustment / balance under 1.5 million					
LaCrescent	226,262	159,313	0.704				8,810,501	0.0019	21,244
Lake City	211,908	167,392	0.790				12,980,354	0.0028	31,298
Lake Elmo	461,890	(583,747)	(1.264)				31,810,749	0.0068	76,702
Lakeville	2,822,746	1,267,746	0.449				133,928,448	0.0288	322,927
Lino Lakes	766,006	(1,251,709)	(1.634)				40,062,319	0.0086	96,598
Litchfield	266,840	(1,330,313)	(4.985)				15,279,929	0.0033	36,843
Little Canada	370,771	124,812	0.337				20,190,585	0.0043	48,683
Little Falls	643,074	1,919,715	2.985						

Municipality	January 2019 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/12/2019	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2020 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Mahtomedi	\$284,656	\$58,610	0.206				\$15,652,176	0.0034	37,740
Mankato	1,668,263	188,868	0.113				\$98,868,267	0.0212	\$238,391
Maple Grove	2,356,890	5,872,171	2.491						
Maplewood	1,569,826	0	0.000				72,887,387	0.0157	175,746
Marshall	767,699	(2,344,203)	(3.054)				37,634,020	0.0081	90,743
Medina	268,788	682,076	2.538						
Mendota Heights	452,141	1,150,558	2.545						
Minneapolis	11,363,078	26,096,736	2.297						
Minnetonka	1,858,318	5,258,880	2.830						
Minnetrista	325,960	1,263,087	3.875	No Adjustment / balance under 1.5 million					
Montevideo	297,550	358,760	1.206						
Monticello	465,634	(1,858,121)	(3.991)				24,583,717	0.0053	59,276
Moorhead	2,013,297	1,270,026	0.631				130,494,170	0.0280	314,647
Morris	241,931	175,788	0.727				15,002,623	0.0032	36,174
Mound	313,087	(619,090)	(1.977)				14,852,519	0.0032	35,812
Mounds View	407,880	0	0.000				18,204,060	0.0039	43,894
New Brighton	653,029	(1,161,764)	(1.779)				25,964,287	0.0056	62,605
New Hope	637,991	(2,115,578)	(3.316)				27,075,282	0.0058	65,284
New Prague	253,291	407,972	1.611						
New Ulm	714,819	1,242,532	1.738						
North Branch	595,905	885,151	1.485						
North Mankato	514,941	(1,493,254)	(2.900)				33,037,221	0.0071	79,659
North St. Paul	404,536	1,578,360	3.902		1	(1,578,360)			
Northfield	663,721	785,979	1.184						
Oak Grove	513,576	513,576	1.000						
Oakdale	816,390	271,457	0.333				37,072,139	0.0080	89,388
Orono	279,363	0	0.000				18,347,387	0.0039	44,239
Otsego	653,845	(3,269,225)	(5.000)				40,470,951	0.0087	97,583
Owatonna	1,362,036	2,342,027	1.720						
Plymouth	2,779,998	4,363	0.002				150,167,228	0.0323	362,082
Prior Lake	703,498	(31,588)	(0.045)				37,397,501	0.0080	90,173
Ramsey	990,736	2,280,280	2.302						
Red Wing	658,939	658,939	1.000						
Redwood Falls	253,624	62,760	0.247				17,077,782	0.0037	41,178
Richfield	1,355,933	(1,543,950)	(1.139)				55,516,577	0.0119	133,861
Robbinsdale	586,660	1,492,241	2.544						
Rochester	5,084,914	1,802,587	0.354				295,467,294	0.0635	712,429
Rogers	610,049	2,243,823	3.678		1	(2,243,823)			
Rosemount	901,294	1,802,310	2.000						

Municipality	January 2019 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/12/2019	Ratio between Balance & Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for 2020 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Roseville	\$1,176,070	\$2,024,371	1.721						
Sartell	910,236	(3,164,764)	(3.477)				40,119,191	0.0086	96,735
Sauk Rapids	726,639	(350,000)	(0.482)				33,905,449	0.0073	81,753
Savage	1,340,526	(3,813,615)	(2.845)				52,002,257	0.0112	125,387
Shakopee	1,455,015	795,089	0.546				77,711,059	0.0167	187,376
Shoreview	805,121	425,927	0.529				35,670,694	0.0077	86,009
Shorewood	293,708	388,172	1.322						
South Saint Paul	664,618	1,343,645	2.022						
Spring Lake Park	212,486	373,249	1.757						
St. Anthony	288,794	(371,615)	(1.287)				13,423,782	0.0029	32,367
St Cloud	2,650,339	4,732	0.002				154,755,190	0.0332	373,145
St Francis	362,650	1,631,614	4.499		1	(1,631,614)			
St Joseph	179,967	602,020	3.345	No Adjustment / balance under 1.5 million					
St Louis Park	1,401,008	1,098,073	0.784				80,225,350	0.0172	193,439
St Michael	743,961	(1,175,863)	(1.581)				45,006,936	0.0097	108,520
St Paul	9,660,423	24,307,809	2.516						
St Paul Park	209,964	618,176	2.944						
St Peter	526,387	668,474	1.270						
Stewartville	179,898	144,924	0.806				7,251,293	0.0016	17,484
Stillwater	684,729	853,883	1.247						
Thief River Falls	530,867	435,751	0.821				37,933,978	0.0081	91,466
Vadnais Heights	332,565	953,595	2.867						
Victoria	289,540	803,517	2.775						
Virginia	452,889	359,619	0.794				32,520,268	0.0070	78,413
Waconia	477,124	1,349,077	2.828						
Waite Park	370,032	860,624	2.326						
Waseca	296,977	776,529	2.615						
West St Paul	626,650	59,051	0.094				26,639,405	0.0057	64,233
White Bear Lake	813,663	0	0.000				38,516,390	0.0083	92,870
Willmar	922,153	228,094	0.247				62,709,076	0.0135	151,204
Winona	954,527	1,569,890	1.645						
Woodbury	2,472,624	0	0.000				132,630,529	0.0285	319,798
Worthington	493,469	1,343,326	2.722						
Wyoming	387,629	(570,483)	(1.472)				26,692,325	0.0057	64,360
Zimmerman	236,325	(263,626)	(1.116)				9,820,341	0.0021	23,679
Total	\$146,504,099	\$106,835,302				(\$11,224,997)	\$4,655,370,113	1.0000	\$11,224,997

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NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

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

10-Jul-19

Municipality	Total Right-of-Way Expenditures for 2019 Allocations	+	New Right-of-Way Expenditures for 2020 Allocation	+	Expired Right-of-Way Expenditures in 2019	=	Total Right-of-Way Expenditures for 2020 Allocations
Albert Lea							
Albertville							
Alexandria	\$400,118						\$400,118
Andover	13,409						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	5,153,368		\$290,331				5,443,699
Bloomington *	5,071,504				(3,400,056)		1,671,448
Brainerd	1,297,544		17,822		(59,919)		1,255,447
Brooklyn Center							
Brooklyn Park	46,393						46,393
Buffalo	1,550,985						1,550,985
Burnsville							
Byron							
Cambridge							
Champlin	62,348						62,348
Chanhassen							
Chaska	210,039						210,039
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				(201,133)		291,317
Crookston							
Crystal							
Dayton							
Delano	27,833		147,983				175,816
Detroit Lakes	51,476						51,476
Duluth	2,599,918				(93,248)		2,506,670
Eagan	4,453,482				(24,612)		4,428,870
East Bethel *	800,658				(25,875)		774,783
East Grand Forks	141,624						141,624
Eden Prairie	974,094						974,094
Edina	28,566				(28,566)		
Elk River *	2,341,754				(1,160,746)		1,181,008
Fairmont							
Falcon Heights							
Faribault	114,986						114,986
Farmington							

Municipality	Total Right-of-Way Expenditures for 2019 Allocations	+	New Right-of-Way Expenditures for 2020 Allocation	+	Expired Right-of-Way Expenditures in 2019	=	Total Right-of-Way Expenditures for 2020 Allocations
Fergus Falls	\$318,549						\$318,549
Forest Lake	6,839				(\$6,839)		
Fridley							
Glencoe							
Golden Valley							
Grand Rapids	2,394,620				(61,419)		2,333,201
Ham Lake **	920,773		\$70,489		(19,066)		972,196
Hastings							
Hermantown	200,831						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	985,479						985,479
Lino Lakes	360,549		29,357		(145,744)		244,162
Litchfield							
Little Canada							
Little Falls *	1,333,864				(230,669)		1,103,195
Mahtomedi							
Mankato	360,355				(225,463)		134,892
Maple Grove	1,810,004				(342,000)		1,468,004
Maplewood	5,224,777						5,224,777
Marshall	302,397						302,397
Medina							
Mendota Heights	61,140				(37,199)		23,941
Minneapolis	181,087						181,087
Minnetonka							
Minnetrista	145,293						145,293
Montevideo	13,949						13,949
Monticello							
Moorhead	4,365,026						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	617,395		overpayment		67,781		685,176
Oakdale							
Orono							
Otsego **	518,832		1,121,478		(23,042)		1,617,268

Municipality	Total Right-of-Way Expenditures for 2019 Allocations	+	New Right-of-Way Expenditures for 2020 Allocation	+	Expired Right-of-Way Expenditures in 2019	=	Total Right-of-Way Expenditures for 2020 Allocations
Owatonna	\$115,937						\$115,937
Plymouth	2,470,008		\$20,015				2,490,023
Prior Lake	423,049						423,049
Ramsey	207,749						207,749
Red Wing *	316,835				(316,835)		
Redwood Falls	383,850						383,850
Richfield	9,038,239				(1,244,206)		7,794,033
Robbinsdale							
Rochester	2,571,811						2,571,811
Rogers							
Rosemount	389,000				(289,450)		99,550
Roseville							
Sartell	1,478,294				(72,294)		1,406,000
Sauk Rapids	407,639						407,639
Savage	400,000						400,000
Shakopee							
Shoreview	9,300						9,300
Shorewood	173,214						173,214
South St. Paul							
Spring Lake Park							
St Anthony							
St Cloud	1,918,133		1,271,307				3,189,440
St Francis	14,990						14,990
St Joseph	197,142						197,142
St Louis Park							
St Michael							
St Paul *	14,534,432				(1,037,446)		13,496,986
St Paul Park	65,293						65,293
St Peter **	1,019,684		773,238				1,792,922
Stewartville							
Stillwater							
Thief River Falls	439,427		28,438				467,865
Vadnais Heights	17,096						17,096
Victoria							
Virginia							
Waconia							
Waite Park	1,054,220				(199,203)		855,017
Waseca	213,261						213,261
West St. Paul							
White Bear Lake							
Willmar							
Winona	500				(500)		
Woodbury	942,597						942,597
Worthington							
Wyoming							
Zimmerman							
Total	\$90,675,079		\$3,770,458		(\$9,668,811)		\$84,776,726

* more than one expenditure expired in 2019

** more than one new expenditure added for 2020

NEW RIGHT-OF-WAY ADJUSTMENTS FOR 2020

MUNICIPALITY	PROJECT	AMOUNT
Blaine	106-147-001	\$290,331
Brainerd	108-126-012	\$17,822
Delano	247-105-001	\$147,983
Ham Lake	197-104-008	\$11,541
Ham Lake	197-124-003	\$58,948
Lino Lakes	210-109-002	\$29,357
Otsego	217-102-009	\$1,064,749
Otsego	217-112-002	\$56,729
Plymouth	155-156-019	\$20,015
St. Cloud	162-151-003	\$1,271,307
St. Peter	165-101-006	\$20,416
St. Peter	165-109-004	\$55,580
St. Peter	165-126-005	\$697,242
Thief River Falls	170-115-017	\$28,438
TOTAL		\$3,770,458

EXPIRED RIGHT-OF-WAY ADJUSTMENTS, 2019

MUNICIPALITY	PROJECT	AMOUNT
Apple Valley	186-104-018	\$22,837
Baxter	230-105-001	\$468,225
Bloomington	107-385-017	\$379,942
Bloomington	107-399-028	\$783,033
Bloomington	107-415-022	\$2,500,000
Bloomington	107-385-014	(\$729,900)
Bloomington	107-385-020	\$466,981
Brainerd	108-124-009	\$59,919
Cottage Grove	180-112-008	\$201,133
Duluth	118-160-020	\$93,248
Eagan	195-120-002	\$24,612
East Bethel	203-101-006	\$11,000
East Bethel	203-111-002	\$13,375
East Bethel	203-113-002	\$1,500
Edina	120-136-019	\$28,566
Elk River	204-111-xxx	\$28,661
Elk River	204-133-xxx	\$1,132,085
Forest Lake	214-102-001	\$6,839
Grand Rapids	129-112-008	\$61,419
Ham Lake	197-126-001	\$19,066
Lino Lakes	210-116-002	\$145,744
Little Falls	136-130-002	\$102,622
Little Falls	136-131-001	\$128,047
Mankato	137-119-xxx	\$225,463
Maple Grove	189-183-xxx	\$342,000
Mendota Heights	140-106-003	\$37,199
Oak Grove	223-109-002	(\$67,781)
Otsego	217-102-004	\$23,042
Red Wing	156-125-011	\$316,515
Red Wing	156-128-006	\$320
Richfield	157-361-023	\$1,244,206
Rosemount	208-104-003	\$289,450
Sartell	220-113-001	\$72,294
St. Paul	164-288-002	\$874,596
St. Paul	164-288-003	\$162,850
Waite Park	221-108-001	\$199,203
Winona	176-108-011	\$500
TOTAL		\$9,668,811

AFTER THE FACT RETAINING WALL ADJUSTMENT

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

Municipality	Retaining Wall Expenditures for 2019 Allocations	New Retaining Wall Expenditures for 2020	Retaining Wall Expenditures Expired in 2019	Total Retaining Wall Adjustment for 2020 Allocations
Albert Lea	\$67,342	\$0	\$0	\$67,342
Alexandria	25,633	0	0	25,633
Andover	20,197	0	0	20,197
Bloomington	283,112	0	0	283,112
Brainerd	211,480	0	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	2,030,881	0	2,625,772
Eden Prairie	129,789	0	0	129,789
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
Monticello	0	307,791	0	307,791
Moorhead	359,937	15,730	0	375,667
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	125,918	0	0	125,918
Total	\$4,403,353	\$2,354,402	\$0	\$6,757,755

* two new expenditures in 2019

NEW PROJECT LISTING OF RETAINING WALL CONSTRUCTION

requested in 2019

Municipality	Project or Route	Amount	Total Adjustment
Duluth	118-171-006	\$387,549	
Duluth	118-185-006	\$1,643,332	2,030,881
Monticello	222-101-xxx local funds	\$307,791	\$307,791
Moorhead	144-128-040	\$15,730	\$15,730
Total		\$2,354,402	\$2,354,402

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 2019	Expired Railroad Crossing Expenditures	Expire Date	Total Railroad Crossing Adjustment for 2020 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 2020 Apportionment
Thief River Falls	\$378,684		Construction/ Reconstruction	2049	\$378,684
Total	\$378,684				\$378,684

2019 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS

for January 2020 apportionment

Municipality	Restricted (Phase in) Needs for Jan. 2019 Distribution	ADJUSTMENTS				Total Adjustments	Adjusted Restricted Construction Needs
		* 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	
Albert Lea	\$49,553,800	\$119,484			\$67,342	\$67,342	\$49,621,142
Albertville	14,063,411					0	14,063,411
Alexandria	64,350,150	155,161		\$400,118	25,633	425,751	64,775,901
Andover	68,889,904	166,107		13,409	20,197	33,606	68,923,510
Anoka	34,372,928	82,880				0	34,372,928
Apple Valley	83,467,649	(5,771,200)				0	83,467,649
Arden Hills	12,393,131	29,882				0	12,393,131
Austin	66,741,234					0	66,741,234
Baxter	35,825,475	86,382				0	35,825,475
Belle Plaine	16,898,034	40,744		1,224,822		1,224,822	18,122,856
Bemidji	38,693,299					0	38,693,299
Big Lake	17,916,791	43,201				0	17,916,791
Blaine	104,661,681			5,443,699		5,443,699	110,105,380
Bloomington	187,115,000			1,671,448	283,112	1,954,560	189,069,560
Brainerd	40,657,156	98,032		1,255,447	211,480	1,466,927	42,124,083
Brooklyn Center	43,119,123	103,969				0	43,119,123
Brooklyn Park	127,065,865	306,380		46,393		46,393	127,112,258
Buffalo	33,344,455	80,400		1,550,985	61,252	\$528,566	35,485,258
Burnsville	105,338,872	253,992				0	105,338,872
Byron	12,457,403					0	12,457,403
Cambridge	34,360,874	82,851			28,020	234,357	34,623,251
Champlin	40,979,865	98,810		62,348		62,348	41,042,213
Chanhassen	47,742,152	115,116				0	47,742,152
Chaska	42,777,214	103,144		210,039		210,039	42,987,253
Chisago City	13,243,579	31,933				0	13,243,579
Chisholm	14,334,724	34,564				0	14,334,724
Circle Pines	5,961,916			82,365		82,365	6,044,281
Cloquet	39,534,643	95,326			81,498	81,498	39,616,141
Columbia Heights	22,922,006	55,269				0	22,922,006
Coon Rapids	100,984,145	243,492		2,469,664		2,469,664	103,453,809
Corcoran	22,661,402					0	22,661,402
Cottage Grove	67,284,742	162,237		291,317		291,317	67,576,059
Crookston	28,522,562					0	28,522,562
Crystal	30,657,941	73,922			42,510	42,510	30,700,451
Dayton	15,381,981	37,089				0	15,381,981
Delano	12,649,568	30,501		175,816		175,816	12,825,384
Detroit Lakes	47,784,190	115,217		51,476		51,476	47,835,666
Duluth	262,362,159	632,606		2,506,670	2,625,772	5,132,442	267,494,601
Eagan	111,220,898	268,175		4,428,870		4,428,870	115,649,768

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	\$40,896,890	\$98,610		\$774,783			\$774,783	\$41,671,673
East Grand Forks	38,773,318	93,490		141,624			141,624	38,914,942
Eden Prairie	112,751,505	271,866		974,094	\$129,789		1,103,883	113,855,388
Edina	98,737,497						0	98,737,497
Elk River	77,167,343			1,181,008			1,181,008	78,348,351
Fairmont	39,688,679						0	39,688,679
Falcon Heights	5,687,939						0	5,687,939
Faribault	60,106,538	144,928		114,986			114,986	60,221,524
Farmington	30,938,527	74,599					0	30,938,527
Fergus Falls	60,968,424			318,549	110,360	\$299,555	728,464	61,696,888
Forest Lake	58,594,609	141,283					0	58,594,609
Fridley	41,629,088						0	41,629,088
Glencoe	14,660,717						0	14,660,717
Golden Valley	51,475,747	124,118					0	51,475,747
Grand Rapids	51,722,606	124,713		2,333,201	\$236,876		2,570,077	54,292,683
Ham Lake	49,078,639	118,338		972,196			972,196	50,050,835
Hastings	38,701,966						0	38,701,966
Hermantown	35,402,894	85,363		200,831			200,831	35,603,725
Hibbing	87,102,570	210,021					0	87,102,570
Hopkins	23,096,610	55,690					0	23,096,610
Hugo	35,983,039	86,762					0	35,983,039
Hutchinson	42,620,845						0	42,620,845
International Falls	12,284,929						0	12,284,929
Inver Grove Heights	66,717,154	160,868		776,192	179,003		955,195	67,672,349
Isanti	10,469,355	25,244					0	10,469,355
Jordan	11,944,759	28,801					0	11,944,759
Kasson	11,345,852			44,906	35,640		80,546	11,426,398
La Crescent	8,810,501	21,244		25,000	8,624		33,624	8,844,125
Lake City	12,980,354	31,298		7,000			7,000	12,987,354
Lake Elmo	31,810,749	76,702		129,071			129,071	31,939,820
Lakeville	133,928,448	322,927		985,479	118,042		1,103,521	135,031,969
Lino Lakes	40,062,319	96,598		244,162			244,162	40,306,481
Litchfield	15,279,929	36,843					0	15,279,929
Little Canada	20,190,585	48,683					0	20,190,585
Little Falls	36,562,658			1,103,195			1,103,195	37,665,853
Mahtomedi	15,652,176	37,740					0	15,652,176
Mankato	98,868,267	238,391		134,892			134,892	99,003,159
Maple Grove	125,499,950			1,468,004			1,468,004	126,967,954
Maplewood	72,887,387	175,746		5,224,777			5,224,777	78,112,164
Marshall	37,634,020	90,743		302,397	514,325		816,722	38,450,742
Medina	18,714,956						0	18,714,956
Mendota Heights	28,409,806			23,941			23,941	28,433,747
Minneapolis	595,459,169			181,087			181,087	595,640,256
Minnetonka	102,997,425				37,913		37,913	103,035,338
Minnetrista	19,878,965			145,293			145,293	20,024,258

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	\$14,932,871			\$13,949			\$13,949	\$14,946,820
Monticello	24,583,717	59,276			307,791		307,791	24,891,508
Moorhead	130,494,170	314,647		4,365,026	\$375,667	\$625,785	5,366,478	135,860,648
Morris	15,002,623	36,174					0	15,002,623
Mound	14,852,519	35,812					0	14,852,519
Mounds View	18,204,060	43,894			13,419		13,419	18,217,479
New Brighton	25,964,287	62,605		111,812			111,812	26,076,099
New Hope	27,075,282	65,284			32,400		32,400	27,107,682
New Prague	13,722,716			6,287			6,287	13,729,003
New Ulm	34,495,848					18,433	18,433	34,514,281
North Branch	43,298,786			38,362			38,362	43,337,148
North Mankato	33,037,221	79,659		64,226			64,226	33,101,447
North St. Paul	19,913,097	(1,578,360)		448,302			448,302	20,361,399
Northfield	32,319,937						0	32,319,937
Oak Grove	38,803,881			685,176			685,176	39,489,057
Oakdale	37,072,139	89,388			20,658		20,658	37,092,797
Orono	18,347,387	44,239					0	18,347,387
Otsego	40,470,951	97,583		1,617,268			1,617,268	42,088,219
Owatonna	71,112,905			115,937			115,937	71,228,842
Plymouth	150,167,228	362,082		2,490,023	64,144		2,554,167	152,721,395
Prior Lake	37,397,501	90,173		423,049			423,049	37,820,550
Ramsey	58,768,062			207,749			207,749	58,975,811
Red Wing	49,879,686				539,025		539,025	50,418,711
Redwood Falls	17,077,782	41,178		383,850			383,850	17,461,632
Richfield	55,516,577	133,861		7,794,033			7,794,033	63,310,610
Robbinsdale	19,974,402						0	19,974,402
Rochester	295,467,294	712,429		2,571,811			2,571,811	298,039,105
Rogers	41,763,008	(2,243,823)					0	41,763,008
Rosemount	52,139,809			99,550			99,550	52,239,359
Roseville	57,087,435				107,381		107,381	57,194,816
Sartell	40,119,191	96,735		1,406,000	6,000		1,412,000	41,531,191
Sauk Rapids	33,905,449	81,753		407,639			407,639	34,313,088
Savage	52,002,257	125,387		400,000			400,000	52,402,257
Shakopee	77,711,059	187,376					0	77,711,059
Shoreview	35,670,694	86,009		9,300			9,300	35,679,994
Shorewood	16,746,424			173,214			173,214	16,919,638
South St. Paul	31,760,282						0	31,760,282
Spring Lake Park	11,014,310						0	11,014,310
St. Anthony	13,423,782	32,367					0	13,423,782
St. Cloud	154,755,190	373,145		3,189,440			3,189,440	157,944,630
St. Francis	23,871,438	(1,631,614)		14,990			14,990	23,886,428
St. Joseph	5,939,611			197,142			197,142	6,136,753
St. Louis Park	80,225,350	193,439					0	80,225,350
St. Michael	45,006,936	108,520					0	45,006,936
St. Paul	473,362,392			13,496,986	51,542		13,548,528	486,910,920
St. Paul Park	11,950,397			65,293			65,293	12,015,690

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	\$27,157,747			\$1,792,922			\$1,792,922	\$28,950,669
Stewartville	7,251,293	17,484					0	7,251,293
Stillwater	35,897,210						0	35,897,210
Thief River Falls	37,933,978	91,466	\$378,684	467,865	\$296,422		1,142,971	39,076,949
Vadnais Heights	16,654,328			17,096			17,096	16,671,424
Victoria	14,043,324						0	14,043,324
Virginia	32,520,268	78,413					0	32,520,268
Waconia	28,330,614						0	28,330,614
Waite Park	16,671,228			855,017			855,017	17,526,245
Waseca	13,633,563			213,261			213,261	13,846,824
West St. Paul	26,639,405	64,233			125,918		125,918	26,765,323
White Bear Lake	38,516,390	92,870					0	38,516,390
Willmar	62,709,076	151,204					0	62,709,076
Winona	49,947,663						0	49,947,663
Woodbury	132,630,529	319,798		942,597			942,597	133,573,126
Worthington	22,155,096						0	22,155,096
Wyoming	26,692,325	64,360					0	26,692,325
Zimmerman	9,820,341	23,679					0	9,820,341
State Total	\$7,938,079,947	\$0	\$378,684	\$84,776,726	\$6,757,755	\$1,706,696	\$93,619,861	\$8,031,699,808

* Note: figures for "Excess Balance Adjustment redistributed as Low Balance Incentive" are tentative and may not last through 2019 as cities spend from their construction accounts. Therefore, these figures are not included in the sum of total adjustments.

October 23, 2019

Margaret Anderson Kelliher, Commissioner
Mail Stop 100
395 John Ireland Blvd.
St. Paul, MN 55155

Dear Commissioner Anderson Kelliher:

We, the undersigned, as members of the 2019 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 2020 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

John Gorder Eagan Chair	Justin Femrite Elk River Vice Chair	Michael Thompson Plymouth Secretary	
Matt Wegwerth Grand Rapids District 1	Rich Clauson Crookston District 2	Adam Nafstad Albertville District 3	
Brian Yavarow Fergus Falls District 4	Chad Millner Edina Metro West	Brandon Theobald Kasson District 6	
Chris Cavett New Prague District 7	Owen Todd Redwood Falls District 8	Brian Erickson Rosemount Metro East	
Cindy Voigt Duluth	Jenifer Hager Minneapolis	Paul Kurtz Saint Paul	Dillon Dombrovski Rochester

An equal opportunity employer

2019 ADJUSTED RESTRICTED CONSTRUCTION NEEDS RECOMMENDATIONS

for the 2020 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	\$49,621,142	Edina	\$98,737,497
Albertville	14,063,411	Elk River	78,348,351
Alexandria	64,775,901	Fairmont	39,688,679
Andover	68,923,510	Falcon Heights	5,687,939
Anoka	34,372,928	Faribault	60,221,524
Apple Valley	83,467,649	Farmington	30,938,527
Arden Hills	12,393,131	Fergus Falls	61,696,888
Austin	66,741,234	Forest Lake	58,594,609
Baxter	35,825,475	Fridley	41,629,088
Belle Plaine	18,122,856	Glencoe	14,660,717
Bemidji	38,693,299	Golden Valley	51,475,747
Big Lake	17,916,791	Grand Rapids	54,292,683
Blaine	110,105,380	Ham Lake	50,050,835
Bloomington	189,069,560	Hastings	38,701,966
Brainerd	42,124,083	Hermantown	35,603,725
Brooklyn Center	43,119,123	Hibbing	87,102,570
Brooklyn Park	127,112,258	Hopkins	23,096,610
Buffalo	35,485,258	Hugo	35,983,039
Burnsville	105,338,872	Hutchinson	42,620,845
Byron	12,457,403	International Falls	12,284,929
Cambridge	34,623,251	Inver Grove Heights	67,672,349
Champlin	41,042,213	Isanti	10,469,355
Chanhassen	47,742,152	Jordan	11,944,759
Chaska	42,987,253	Kasson	11,426,398
Chisago City	13,243,579	La Crescent	8,844,125
Chisholm	14,334,724	Lake City	12,987,354
Circle Pines	6,044,281	Lake Elmo	31,939,820
Cloquet	39,616,141	Lakeville	135,031,969
Columbia Heights	22,922,006	Lino Lakes	40,306,481
Coon Rapids	103,453,809	Litchfield	15,279,929
Corcoran	22,661,402	Little Canada	20,190,585
Cottage Grove	67,576,059	Little Falls	37,665,853
Crookston	28,522,562	Mahtomedi	15,652,176
Crystal	30,700,451	Mankato	99,003,159
Dayton	15,381,981	Maple Grove	126,967,954
Delano	12,825,384	Maplewood	78,112,164
Detroit Lakes	47,835,666	Marshall	38,450,742
Duluth	267,494,601	Medina	18,714,956
Eagan	115,649,768	Mendota Heights	28,433,747
East Bethel	41,671,673	Minneapolis	595,640,256
East Grand Forks	38,914,942	Minnetonka	103,035,338
Eden Prairie	113,855,388	Minnetrissa	20,024,258

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Montevideo	\$14,946,820	Savage	\$52,402,257
Monticello	24,891,508	Shakopee	77,711,059
Moorhead	135,860,648	Shoreview	35,679,994
Morris	15,002,623	Shorewood	16,919,638
Mound	14,852,519	South St. Paul	31,760,282
Mounds View	18,217,479	Spring Lake Park	11,014,310
New Brighton	26,076,099	St. Anthony	13,423,782
New Hope	27,107,682	St. Cloud	157,944,630
New Prague	13,729,003	St. Francis	23,886,428
New Ulm	34,514,281	St. Joseph	6,136,753
North Branch	43,337,148	St. Louis Park	80,225,350
North Mankato	33,101,447	St. Michael	45,006,936
North St. Paul	20,361,399	St. Paul	486,910,920
Northfield	32,319,937	St. Paul Park	12,015,690
Oak Grove	39,489,057	St. Peter	28,950,669
Oakdale	37,092,797	Stewartville	7,251,293
Orono	18,347,387	Stillwater	35,897,210
Otsego	42,088,219	Thief River Falls	39,076,949
Owatonna	71,228,842	Vadnais Heights	16,671,424
Plymouth	152,721,395	Victoria	14,043,324
Prior Lake	37,820,550	Virginia	32,520,268
Ramsey	58,975,811	Waconia	28,330,614
Red Wing	50,418,711	Waite Park	17,526,245
Redwood Falls	17,461,632	Waseca	13,846,824
Richfield	63,310,610	West St. Paul	26,765,323
Robbinsdale	19,974,402	White Bear Lake	38,516,390
Rochester	298,039,105	Willmar	62,709,076
Rogers	41,763,008	Winona	49,947,663
Rosemount	52,239,359	Woodbury	133,573,126
Roseville	57,194,816	Worthington	22,155,096
Sartell	41,531,191	Wyoming	26,692,325
Sauk Rapids	34,313,088	Zimmerman	9,820,341
		State Total	\$8,031,699,808

TENTATIVE 2020 CONSTRUCTION NEEDS ALLOCATIONS

Needs Value: \$1,000 in Construction Needs = approximately \$12.58 in apportionment

The following table shows each municipality's *Tentative* Money Needs Allocation based on a projected apportionment amount of \$101,028,385. The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January 2020. 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	\$49,621,142	\$624,170		\$624,170	0.618
Albertville	14,063,411	176,900		176,900	0.175
Alexandria	64,775,901	814,797		814,797	0.807
Andover	68,923,510	866,969		866,969	0.858
Anoka	34,372,928	432,367		432,367	0.428
Apple Valley	83,467,649	1,049,915		1,049,915	1.039
Arden Hills	12,393,131	155,890		155,890	0.154
Austin	66,741,234	839,518		839,518	0.831
Baxter	35,825,475	450,638		450,638	0.446
Belle Plaine	18,122,856	227,962		227,962	0.226
Bemidji	38,693,299	486,712		486,712	0.482
Big Lake	17,916,791	225,370		225,370	0.223
Blaine	110,105,380	1,384,983		1,384,983	1.371
Bloomington	189,069,560	2,378,250		2,378,250	2.354
Brainerd	42,124,083	529,866		529,866	0.524
Brooklyn Center	43,119,123	542,383		542,383	0.537
Brooklyn Park	127,112,258	1,598,908		1,598,908	1.583
Buffalo	35,485,258	446,359		446,359	0.442
Burnsville	105,338,872	1,325,027		1,325,027	1.312
Byron	12,457,403	156,698		156,698	0.155
Cambridge	34,623,251	435,516		435,516	0.431
Champlin	41,042,213	516,258		516,258	0.511
Chanhassen	47,742,152	600,534		600,534	0.594
Chaska	42,987,253	540,724		540,724	0.535
Chisago City	13,243,579	166,587		166,587	0.165
Chisholm	14,334,724	180,312		180,312	0.178
Circle Pines	6,044,281	76,029		76,029	0.075
Cloquet	39,616,141	498,320		498,320	0.493
Columbia Heights	22,922,006	288,329		288,329	0.285
Coon Rapids	103,453,809	1,301,315		1,301,315	1.288
Corcoran	22,661,402	285,051		285,051	0.282
Cottage Grove	67,576,059	850,019		850,019	0.841
Crookston	28,522,562	358,777		358,777	0.355
Crystal	30,700,451	386,172		386,172	0.382
Dayton	15,381,981	193,485		193,485	0.192
Delano	12,825,384	161,327		161,327	0.160
Detroit Lakes	47,835,666	601,711		601,711	0.596
Duluth	267,494,601	3,364,736		3,364,736	3.330
Eagan	115,649,768	1,454,724		1,454,724	1.440
East Bethel	41,671,673	524,176		524,176	0.519
East Grand Forks	38,914,942	489,500		489,500	0.485
Eden Prairie	113,855,388	1,432,153		1,432,153	1.418
Edina	98,737,497	1,241,990		1,241,990	1.229
Elk River	78,348,351	985,521		985,521	0.975
Fairmont	39,688,679	499,232		499,232	0.494
Falcon Heights	5,687,939	71,547		71,547	0.071
Faribault	60,221,524	757,509		757,509	0.750
Farmington	30,938,527	389,167		389,167	0.385
Fergus Falls	61,696,888	776,067		776,067	0.768
Forest Lake	58,594,609	737,044		737,044	0.730

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main- tenance Allowance	2019 Construction Needs Allocations	% Of Total Dist.
Fridley	\$41,629,088	\$523,640		\$523,640	0.518
Glencoe	14,660,717	184,413		184,413	0.183
Golden Valley	51,475,747	647,498		647,498	0.641
Grand Rapids	54,292,683	682,932		682,932	0.676
Ham Lake	50,050,835	629,575		629,575	0.623
Hastings	38,701,966	486,821		486,821	0.482
Hermantown	35,603,725	447,849		447,849	0.443
Hibbing	87,102,570	1,095,638		1,095,638	1.084
Hopkins	23,096,610	290,525		290,525	0.288
Hugo	35,983,039	452,620		452,620	0.448
Hutchinson	42,620,845	536,115		536,115	0.531
International Falls	12,284,929	154,529		154,529	0.153
Inver Grove Heights	67,672,349	851,231		851,231	0.843
Isanti	10,469,355	131,691		131,691	0.130
Jordan	11,944,759	150,250		150,250	0.149
Kasson	11,426,398	143,729		143,729	0.142
La Crescent	8,844,125	111,248		111,248	0.110
Lake City	12,987,354	163,364		163,364	0.162
Lake Elmo	31,939,820	401,762		401,762	0.398
Lakeville	135,031,969	1,698,527		1,698,527	1.681
Lino Lakes	40,306,481	507,003		507,003	0.502
Litchfield	15,279,929	192,202		192,202	0.190
Little Canada	20,190,585	253,971		253,971	0.251
Little Falls	37,665,853	473,788		473,788	0.469
Mahtomedi	15,652,176	196,884		196,884	0.195
Mankato	99,003,159	1,245,331		1,245,331	1.233
Maple Grove	126,967,954	1,597,092		1,597,092	1.581
Maplewood	78,112,164	982,550		982,550	0.973
Marshall	38,450,742	483,661		483,661	0.479
Medina	18,714,956	235,410		235,410	0.233
Mendota Heights	28,433,747	357,660		357,660	0.354
Minneapolis	595,640,256	7,492,383		7,492,383	7.416
Minnetonka	103,035,338	1,296,051		1,296,051	1.283
Minnetrista	20,024,258	251,879		251,879	0.249
Montevideo	14,946,820	188,012		188,012	0.186
Monticello	24,891,508	313,103		313,103	0.310
Moorhead	135,860,648	1,708,951		1,708,951	1.692
Morris	15,002,623	188,714		188,714	0.187
Mound	14,852,519	186,825		186,825	0.185
Mounds View	18,217,479	229,152		229,152	0.227
New Brighton	26,076,099	328,004		328,004	0.325
New Hope	27,107,682	340,980		340,980	0.338
New Prague	13,729,003	172,693		172,693	0.171
New Ulm	34,514,281	434,145		434,145	0.430
North Branch	43,337,148	545,125		545,125	0.540
North Mankato	33,101,447	416,373		416,373	0.412
North St. Paul	20,361,399	256,120		256,120	0.254
Northfield	32,319,937	406,543		406,543	0.402
Oak Grove	39,489,057	496,721		496,721	0.492
Oakdale	37,092,797	466,579		466,579	0.462
Orono	18,347,387	230,786		230,786	0.228
Otsego	42,088,219	529,415		529,415	0.524
Owatonna	71,228,842	895,967		895,967	0.887
Plymouth	152,721,395	1,921,037		1,921,037	1.901
Prior Lake	37,820,550	475,734		475,734	0.471
Ramsey	58,975,811	741,839		741,839	0.734
Red Wing	50,418,711	634,202		634,202	0.628
Redwood Falls	17,461,632	219,645		219,645	0.217

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main- tenance Allowance	2019 Construction Needs Allocations	% Of Total Dist.
Richfield	\$63,310,610	\$796,366		\$796,366	0.788
Robbinsdale	19,974,402	251,252		251,252	0.249
Rochester	298,039,105	3,748,946		3,748,946	3.711
Rogers	41,763,008	525,325		525,325	0.520
Rosemount	52,239,359	657,104		657,104	0.650
Roseville	57,194,816	719,437		719,437	0.712
Sartell	41,531,191	522,409		522,409	0.517
Sauk Rapids	34,313,088	431,614		431,614	0.427
Savage	52,402,257	659,153		659,153	0.652
Shakopee	77,711,059	977,505		977,505	0.968
Shoreview	35,679,994	448,808		448,808	0.444
Shorewood	16,919,638	212,827		212,827	0.211
South St. Paul	31,760,282	399,503		399,503	0.395
Spring Lake Park	11,014,310	138,546		138,546	0.137
St. Anthony	13,423,782	168,854		168,854	0.167
St. Cloud	157,944,630	1,986,739		1,986,739	1.967
St. Francis	23,886,428	300,460		300,460	0.297
St. Joseph	6,136,753	77,192		77,192	0.076
St. Louis Park	80,225,350	1,009,131		1,009,131	0.999
St. Michael	45,006,936	566,129		566,129	0.560
St. Paul	486,910,920	6,124,709		6,124,709	6.062
St. Paul Park	12,015,690	151,142		151,142	0.150
St. Peter	28,950,669	364,162		364,162	0.360
Stewartville	7,251,293	91,212		91,212	0.090
Stillwater	35,897,210	451,540		451,540	0.447
Thief River Falls	39,076,949	491,537		491,537	0.487
Vadnais Heights	16,671,424	209,705		209,705	0.208
Victoria	14,043,324	176,647		176,647	0.175
Virginia	32,520,268	409,063		409,063	0.405
Waconia	28,330,614	356,362		356,362	0.353
Waite Park	17,526,245	220,457		220,457	0.218
Waseca	13,846,824	174,175		174,175	0.172
West St. Paul	26,765,323	336,673		336,673	0.333
White Bear Lake	38,516,390	484,486		484,486	0.480
Willmar	62,709,076	788,799		788,799	0.781
Winona	49,947,663	628,277		628,277	0.622
Woodbury	133,573,126	1,680,177		1,680,177	1.663
Worthington	22,155,096	278,681		278,681	0.276
Wyoming	26,692,325	335,754		335,754	0.332
Zimmerman	9,820,341	123,526		123,526	0.122
State Total	\$8,031,699,808	\$101,028,385	\$0	\$101,028,385	100.0000

Total Money Needs Apportionment = \$101,028,385

Total Construction Needs = \$8,031,699,808

Prorate based on \$101,028,385 / \$8,031,699,808 = 0.012578705

Construction Needs Allocation = 0.012578705 x Construction Needs + THTB Maintenance Allowance, if any

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were \$7,699,067,462

COMPARISON OF 2019 to TENTATIVE 2020 CONSTRUCTION NEEDS ALLOCATIONS

Average increase for State Aid Cities is 4.98%

Municipality	2019 Construction Needs Allocations	2020 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Albert Lea	\$597,278	\$624,170	\$26,892	4.5
Albertville	163,937	176,900	12,963	7.9
Alexandria	793,114	814,797	21,683	2.7
Andover	827,544	866,969	39,425	4.8
Anoka	401,314	432,367	31,053	7.7
Apple Valley	996,323	1,049,915	53,592	5.4
Arden Hills	149,555	155,890	6,335	4.2
Austin	801,304	839,518	38,214	4.8
Baxter	435,787	450,638	14,851	3.4
Belle Plaine	215,381	227,962	12,581	5.8
Bemidji	461,879	486,712	24,833	5.4
Big Lake	222,384	225,370	2,986	1.3
Blaine	1,263,334	1,384,983	121,649	9.6
Bloomington	2,324,044	2,378,250	54,206	2.3
Brainerd	506,748	529,866	23,118	4.6
Brooklyn Center	470,953	542,383	71,430	15.2
Brooklyn Park	1,388,411	1,598,908	210,497	15.2
Buffalo	423,310	446,359	23,049	5.4
Burnsville	1,262,231	1,325,027	62,796	5.0
Byron	136,061	156,698	20,637	15.2
Cambridge	378,574	435,516	56,942	15.0
Champlin	494,418	516,258	21,840	4.4
Chanhassen	575,300	600,534	25,234	4.4
Chaska	505,042	540,724	35,682	7.1
Chisago City	156,968	166,587	9,619	6.1
Chisholm	169,140	180,312	11,172	6.6
Circle Pines	73,015	76,029	3,014	4.1
Cloquet	476,739	498,320	21,581	4.5
Columbia Heights	277,482	288,329	10,847	3.9
Coon Rapids	1,251,438	1,301,315	49,877	4.0
Corcoran	247,511	285,051	37,540	15.2
Cottage Grove	840,042	850,019	9,977	1.2
Crookston	358,520	358,777	257	0.1
Crystal	370,398	386,172	15,774	4.3
Dayton	183,244	193,485	10,241	5.6
Delano	159,349	161,327	1,978	1.2
Detroit Lakes	556,010	601,711	45,701	8.2
Duluth	3,337,743	3,364,736	26,993	0.8
Eagan	1,388,026	1,454,724	66,698	4.8
East Bethel	504,136	524,176	20,040	4.0
East Grand Forks	464,170	489,500	25,330	5.5
Eden Prairie	1,371,885	1,432,153	60,268	4.4
Edina	1,188,192	1,241,990	53,798	4.5
Elk River	960,508	985,521	25,013	2.6
Fairmont	482,108	499,232	17,124	3.6
Falcon Heights	68,677	71,547	2,870	4.2
Faribault	657,929	757,509	99,580	15.1
Farmington	372,566	389,167	16,601	4.5

Municipality	2019 Construction Needs Allocations	2020 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Fergus Falls	\$741,023	\$776,067	\$35,044	4.7
Forest Lake	728,006	737,044	9,038	1.2
Fridley	502,383	523,640	21,257	4.2
Glencoe	176,909	184,413	7,504	4.2
Golden Valley	620,004	647,498	27,494	4.4
Grand Rapids	683,029	682,932	(97)	(0.0)
Ham Lake	598,252	629,575	31,323	5.2
Hastings	422,708	486,821	64,113	15.2
Hermantown	429,606	447,849	18,243	4.2
Hibbing	1,051,307	1,095,638	44,331	4.2
Hopkins	278,793	290,525	11,732	4.2
Hugo	415,452	452,620	37,168	8.9
Hutchinson	511,246	536,115	24,869	4.9
International Falls	149,346	154,529	5,183	3.5
Inver Grove Heights	815,555	851,231	35,676	4.4
Isanti	126,382	131,691	5,309	4.2
Jordan	146,591	150,250	3,659	2.5
Kasson	137,609	143,729	6,120	4.4
La Crescent	108,997	111,248	2,251	2.1
Lake City	157,880	163,364	5,484	3.5
Lake Elmo	385,411	401,762	16,351	4.2
Lakeville	1,615,319	1,698,527	83,208	5.2
Lino Lakes	508,077	507,003	(1,074)	(0.2)
Litchfield	192,064	192,202	138	0.1
Little Canada	248,387	253,971	5,584	2.2
Little Falls	457,956	473,788	15,832	3.5
Mahtomedi	183,030	196,884	13,854	7.6
Mankato	1,179,278	1,245,331	66,053	5.6
Maple Grove	1,518,558	1,597,092	78,534	5.2
Maplewood	943,431	982,550	39,119	4.1
Marshall	457,927	483,661	25,734	5.6
Medina	204,407	235,410	31,003	15.2
Mendota Heights	326,937	357,660	30,723	9.4
Minneapolis	7,176,278	7,492,383	316,105	4.4
Minnetonka	1,226,012	1,296,051	70,039	5.7
Minnetrista	251,688	251,879	191	0.1
Montevideo	180,422	188,012	7,590	4.2
Monticello	291,430	313,103	21,673	7.4
Moorhead	1,628,556	1,708,951	80,395	4.9
Morris	188,578	188,714	136	0.1
Mound	186,691	186,825	134	0.1
Mounds View	219,918	229,152	9,234	4.2
New Brighton	314,712	328,004	13,292	4.2
New Hope	326,988	340,980	13,992	4.3
New Prague	149,960	172,693	22,733	15.2
New Ulm	412,735	434,145	21,410	5.2
North Branch	544,732	545,125	393	0.1
North Mankato	399,073	416,373	17,300	4.3
North Saint Paul	245,307	256,120	10,813	4.4
Northfield	389,174	406,543	17,369	4.5
Oak Grove	476,176	496,721	20,545	4.3
Oakdale	405,165	466,579	61,414	15.2
Orono	220,665	230,786	10,121	4.6

Municipality	2019 Construction Needs Allocations	2020 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Otsego	\$468,198	\$529,415	\$61,217	13.1
Owatonna	857,483	895,967	38,484	4.5
Plymouth	1,837,992	1,921,037	83,045	4.5
Prior Lake	456,554	475,734	19,180	4.2
Ramsey	710,864	741,839	30,975	4.4
Red Wing	610,958	634,202	23,244	3.8
Redwood Falls	210,414	219,645	9,231	4.4
Richfield	782,705	796,366	13,661	1.7
Robbinsdale	240,552	251,252	10,700	4.4
Rochester	3,469,704	3,748,946	279,242	8.0
Rogers	503,428	525,325	21,897	4.3
Rosemount	619,239	657,104	37,865	6.1
Roseville	693,403	719,437	26,034	3.8
Sartell	502,138	522,409	20,271	4.0
Sauk Rapids	410,733	431,614	20,881	5.1
Savage	631,750	659,153	27,403	4.3
Shakopee	930,871	977,505	46,634	5.0
Shoreview	430,682	448,808	18,126	4.2
Shorewood	204,263	212,827	8,564	4.2
South Saint Paul	385,509	399,503	13,994	3.6
Spring Lake Park	126,543	138,546	12,003	9.5
Saint Anthony	161,446	168,854	7,408	4.6
Saint Cloud	1,883,695	1,986,739	103,044	5.5
Saint Francis	300,244	300,460	216	0.1
Saint Joseph	67,337	77,192	9,855	14.6
Saint Louis Park	966,361	1,009,131	42,770	4.4
Saint Michael	565,723	566,129	406	0.1
Saint Paul	5,845,582	6,124,709	279,127	4.8
Saint Paul Park	143,986	151,142	7,156	5.0
Saint Peter	345,793	364,162	18,369	5.3
Stewartville	87,297	91,212	3,915	4.5
Stillwater	432,983	451,540	18,557	4.3
Thief River Falls	490,749	491,537	788	0.2
Vadnais Heights	202,859	209,705	6,846	3.4
Victoria	163,121	176,647	13,526	8.3
Virginia	392,101	409,063	16,962	4.3
Waconia	329,112	356,362	27,250	8.3
Waite Park	195,262	220,457	25,195	12.9
Waseca	167,205	174,175	6,970	4.2
West St. Paul	323,048	336,673	13,625	4.2
White Bear Lake	464,797	484,486	19,689	4.2
Willmar	743,229	788,799	45,570	6.1
Winona	601,525	628,277	26,752	4.4
Woodbury	1,609,384	1,680,177	70,793	4.4
Worthington	267,043	278,681	11,638	4.4
Wyoming	323,487	335,754	12,267	3.8
Zimmerman	109,421	123,526	14,105	12.9
TOTAL	\$96,232,915	\$101,028,385	\$4,795,470	4.98

146 Cities Increase Their Constuction Needs Allocation
2 Cities Decrease Their Constuction Needs Allocation

TENTATIVE 2020 MSAS TOTAL ALLOCATIONS

Allocations are tentative. The actual revenue will be announced
in January 2020 when the Commissioner of Transportation determines the annual allotments.

Municipality	2020 Population Allocations	2020 Construction Needs Allocations	2020 Total Allocations	Distribution Percentage
Albert Lea	\$458,409	\$624,170	\$1,082,579	0.5358
Albertville	188,890	176,900	365,790	0.1810
Alexandria	352,065	814,797	1,166,862	0.5775
Andover	825,918	866,969	1,692,887	0.8378
Anoka	468,705	432,367	901,072	0.4459
Apple Valley	1,348,325	1,049,915	2,398,240	1.1869
Arden Hills	249,557	155,890	405,447	0.2007
Austin	645,759	839,518	1,485,277	0.7351
Baxter	213,949	450,638	664,587	0.3289
Belle Plaine	186,947	227,962	414,909	0.2053
Bemidji	390,196	486,712	876,908	0.4340
Big Lake	289,102	225,370	514,472	0.2546
Blaine	1,682,397	1,384,983	3,067,380	1.5181
Bloomington	2,262,492	2,378,250	4,640,742	2.2968
Brainerd	346,538	529,866	876,404	0.4337
Brooklyn Center	815,092	542,383	1,357,475	0.6718
Brooklyn Park	2,061,237	1,598,908	3,660,145	1.8114
Buffalo	415,861	446,359	862,220	0.4267
Burnsville	1,581,201	1,325,027	2,906,228	1.4383
Byron	145,611	156,698	302,309	0.1496
Cambridge	226,542	435,516	662,058	0.3277
Champlin	603,818	516,258	1,120,076	0.5543
Chanhassen	662,844	600,534	1,263,378	0.6253
Chaska	697,064	540,724	1,237,788	0.6126
Chisago City	136,627	166,587	303,214	0.1501
Chisholm	126,179	180,312	306,491	0.1517
Circle Pines	128,097	76,029	204,126	0.1010
Cloquet	311,587	498,320	809,907	0.4008
Columbia Heights	525,915	288,329	814,244	0.4030
Coon Rapids	1,612,544	1,301,315	2,913,859	1.4421
Corcoran	147,150	285,051	432,201	0.2139
Cottage Grove	942,331	850,019	1,792,350	0.8871
Crookston	202,417	358,777	561,194	0.2777
Crystal	587,667	386,172	973,839	0.4820
Dayton	153,232	193,485	346,717	0.1716
Delano	156,134	161,327	317,461	0.1571
Detroit Lakes	239,109	601,711	840,820	0.4161
Duluth	2,200,892	3,364,736	5,565,628	2.7545
Eagan	1,724,793	1,454,724	3,179,517	1.5736
East Bethel	303,562	524,176	827,738	0.4097
East Grand Forks	223,968	489,500	713,468	0.3531
Eden Prairie	1,601,364	1,432,153	3,033,517	1.5013
Edina	1,325,764	1,241,990	2,567,754	1.2708
Elk River	628,145	985,521	1,613,666	0.7986
Fairmont	269,165	499,232	768,397	0.3803

Municipality	2020 Population Allocations	2020 Construction Needs Allocations	2020 Total Allocations	Distribution Percentage
Falcon Heights	\$138,267	\$71,547	\$209,814	0.1038
Faribault	602,732	757,509	1,360,241	0.6732
Farmington	577,396	389,167	966,563	0.4784
Fergus Falls	346,917	776,067	1,122,984	0.5558
Forest Lake	519,807	737,044	1,256,851	0.6220
Fridley	727,397	523,640	1,251,037	0.6192
Glencoe	142,103	184,413	326,516	0.1616
Golden Valley	544,589	647,498	1,192,087	0.5900
Grand Rapids	287,486	682,932	970,418	0.4803
Ham Lake	413,716	629,575	1,043,291	0.5163
Hastings	583,932	486,821	1,070,753	0.5299
Hermantown	245,570	447,849	693,419	0.3432
Hibbing	412,883	1,095,638	1,508,521	0.7466
Hopkins	497,474	290,525	787,999	0.3900
Hugo	384,771	452,620	837,391	0.4144
Hutchinson	359,863	536,115	895,978	0.4434
International Falls	162,115	154,529	316,644	0.1567
Inver Grove Heights	892,869	851,231	1,744,100	0.8632
Isanti	152,197	131,691	283,888	0.1405
Jordan	155,326	150,250	305,576	0.1512
Kasson	164,134	143,729	307,863	0.1524
La Crescent	130,444	111,248	241,692	0.1196
Lake City	130,696	163,364	294,060	0.1455
Lake Elmo	265,506	401,762	667,268	0.3302
Lakeville	1,623,521	1,698,527	3,322,048	1.6441
Lino Lakes	538,709	507,003	1,045,712	0.5175
Litchfield	170,670	192,202	362,872	0.1796
Little Canada	262,099	253,971	516,070	0.2554
Little Falls	225,457	473,788	699,245	0.3461
Mahtomedi	202,896	196,884	399,780	0.1979
Mankato	1,099,550	1,245,331	2,344,881	1.1605
Maple Grove	1,688,352	1,597,092	3,285,444	1.6260
Maplewood	1,027,350	982,550	2,009,900	0.9947
Marshall	347,825	483,661	831,486	0.4115
Medina	167,717	235,410	403,127	0.1995
Mendota Heights	287,486	357,660	645,146	0.3193
Minneapolis	10,813,121	7,492,383	18,305,504	9.0596
Minnetonka	1,355,492	1,296,051	2,651,543	1.3123
Minnetrista	194,114	251,879	445,993	0.2207
Montevideo	135,844	188,012	323,856	0.1603
Monticello	347,800	313,103	660,903	0.3271
Moorhead	1,098,313	1,708,951	2,807,264	1.3893
Morris	137,586	188,714	326,300	0.1615
Mound	235,879	186,825	422,704	0.2092
Mounds View	336,343	229,152	565,495	0.2799
New Brighton	583,427	328,004	911,431	0.4511
New Hope	549,889	340,980	890,869	0.4409
New Prague	203,300	172,693	375,993	0.1861
New Ulm	344,343	434,145	778,488	0.3853
North Branch	270,679	545,125	815,804	0.4037
North Mankato	354,790	416,373	771,163	0.3817
North St. Paul	306,842	256,120	562,962	0.2786

Municipality	2020 Population Allocations	2020 Construction Needs Allocations	2020 Total Allocations	Distribution Percentage
Northfield	\$515,467	\$406,543	\$922,010	0.4563
Oak Grove	219,274	496,721	715,995	0.3544
Oakdale	714,552	466,579	1,181,131	0.5846
Orono	204,461	230,786	435,247	0.2154
Otsego	437,160	529,415	966,575	0.4784
Owatonna	658,327	895,967	1,554,294	0.7692
Plymouth	1,977,252	1,921,037	3,898,289	1.9293
Prior Lake	659,538	475,734	1,135,272	0.5619
Ramsey	682,654	741,839	1,424,493	0.7050
Red Wing	416,946	634,202	1,051,148	0.5202
Redwood Falls	132,639	219,645	352,284	0.1743
Richfield	919,492	796,366	1,715,858	0.8492
Robbinsdale	372,885	251,252	624,137	0.3089
Rochester	2,963,796	3,748,946	6,712,742	3.3222
Rogers	327,839	525,325	853,164	0.4222
Rosemount	614,290	657,104	1,271,394	0.6292
Roseville	915,354	719,437	1,634,791	0.8091
Sartell	473,273	522,409	995,682	0.4928
Sauk Rapids	352,141	431,614	783,755	0.3879
Savage	792,581	659,153	1,451,734	0.7185
Shakopee	1,047,438	977,505	2,024,943	1.0022
Shoreview	668,245	448,808	1,117,053	0.5528
Shorewood	194,139	212,827	406,966	0.2014
South St. Paul	526,873	399,503	926,376	0.4585
Spring Lake Park	161,812	138,546	300,358	0.1487
St. Anthony	228,813	168,854	397,667	0.1968
St. Cloud	1,721,134	1,986,739	3,707,873	1.8351
St. Francis	198,656	300,460	499,116	0.2470
St. Joseph	184,676	77,192	261,868	0.1296
St. Louis Park	1,234,284	1,009,131	2,243,415	1.1103
St. Michael	450,081	566,129	1,016,210	0.5029
St. Paul	7,899,065	6,124,709	14,023,774	6.9405
St. Paul Park	140,841	151,142	291,983	0.1445
St. Peter	301,997	364,162	666,159	0.3297
Stewartville	157,396	91,212	248,608	0.1230
Stillwater	502,571	451,540	954,111	0.4722
Thief River Falls	225,608	491,537	717,145	0.3549
Vadnais Heights	333,062	209,705	542,767	0.2686
Victoria	250,289	176,647	426,936	0.2113
Virginia	219,854	409,063	628,917	0.3113
Waconia	331,195	356,362	687,557	0.3403
Waite Park	196,259	220,457	416,716	0.2062
Waseca	237,520	174,175	411,695	0.2038
West St. Paul	531,290	336,673	867,963	0.4296
White Bear Lake	642,454	484,486	1,126,940	0.5577
Willmar	507,139	788,799	1,295,938	0.6414
Winona	696,862	628,277	1,325,139	0.6558
Woodbury	1,787,706	1,680,177	3,467,883	1.7163
Worthington	340,936	278,681	619,617	0.3067
Wyoming	202,820	335,754	538,574	0.2665
Zimmerman	144,703	123,526	268,229	0.1327
Total	\$101,028,384	\$101,028,385	\$202,056,769	100.0000

COMPARISON OF THE 2019 AND 2020 TENTATIVE TOTAL ALLOCATIONS

Municipality	2019 Total Allocations	2020 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$1,038,597	\$1,082,579	\$43,982	4.2
Albertville	344,091	365,790	21,699	6.3
Alexandria	1,125,446	1,166,862	41,416	3.7
Andover	1,616,751	1,692,887	76,136	4.7
Anoka	843,800	901,072	57,272	6.8
Apple Valley	2,268,995	2,398,240	129,245	5.7
Arden Hills	391,859	405,447	13,588	3.5
Austin	1,418,062	1,485,277	67,215	4.7
Baxter	638,983	664,587	25,604	4.0
Belle Plaine	389,021	414,909	25,888	6.7
Bemidji	839,760	876,908	37,148	4.4
Big Lake	493,976	514,472	20,496	4.1
Blaine	2,852,174	3,067,380	215,206	7.5
Bloomington	4,484,458	4,640,742	156,284	3.5
Brainerd	840,198	876,404	36,206	4.3
Brooklyn Center	1,227,955	1,357,475	129,520	10.5
Brooklyn Park	3,353,917	3,660,145	306,228	9.1
Buffalo	818,375	862,220	43,845	5.4
Burnsville	2,774,994	2,906,228	131,234	4.7
Byron	273,242	302,309	29,067	10.6
Cambridge	594,117	662,058	67,941	11.4
Champlin	1,070,220	1,120,076	49,856	4.7
Chanhassen	1,206,155	1,263,378	57,223	4.7
Chaska	1,159,862	1,237,788	77,926	6.7
Chisago City	286,712	303,214	16,502	5.8
Chisholm	290,669	306,491	15,822	5.4
Circle Pines	195,103	204,126	9,023	4.6
Cloquet	774,460	809,907	35,447	4.6
Columbia Heights	767,315	814,244	46,929	6.1
Coon Rapids	2,789,309	2,913,859	124,550	4.5
Corcoran	383,429	432,201	48,772	12.7
Cottage Grove	1,724,746	1,792,350	67,604	3.9
Crookston	553,112	561,194	8,082	1.5
Crystal	927,704	973,839	46,135	5.0
Dayton	316,464	346,717	30,253	9.6
Delano	306,593	317,461	10,868	3.5
Detroit Lakes	784,751	840,820	56,069	7.1
Duluth	5,453,556	5,565,628	112,072	2.1
Eagan	3,052,676	3,179,517	126,841	4.2
East Bethel	797,603	827,738	30,135	3.8
East Grand Forks	679,908	713,468	33,560	4.9
Eden Prairie	2,920,791	3,033,517	112,726	3.9
Edina	2,464,169	2,567,754	103,585	4.2
Elk River	1,557,627	1,613,666	56,039	3.6
Fairmont	741,353	768,397	27,044	3.6
Falcon Heights	200,803	209,814	9,011	4.5
Faribault	1,235,773	1,360,241	124,468	10.1
Farmington	917,524	966,563	49,039	5.3

Municipality	2019 Total Allocations	2020 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	\$1,076,418	\$1,122,984	\$46,566	4.3
Forest Lake	1,226,200	1,256,851	30,651	2.5
Fridley	1,199,155	1,251,037	51,882	4.3
Glencoe	313,774	326,516	12,742	4.1
Golden Valley	1,146,126	1,192,087	45,961	4.0
Grand Rapids	959,847	970,418	10,571	1.1
Ham Lake	990,862	1,043,291	52,429	5.3
Hastings	972,989	1,070,753	97,764	10.0
Hermantown	661,458	693,419	31,961	4.8
Hibbing	1,448,973	1,508,521	59,548	4.1
Hopkins	742,522	787,999	45,477	6.1
Hugo	783,878	837,391	53,513	6.8
Hutchinson	856,095	895,978	39,883	4.7
International Falls	305,486	316,644	11,158	3.7
Inver Grove Heights	1,668,831	1,744,100	75,269	4.5
Isanti	268,619	283,888	15,269	5.7
Jordan	295,075	305,576	10,501	3.6
Kasson	293,506	307,863	14,357	4.9
La Crescent	235,022	241,692	6,670	2.8
Lake City	282,544	294,060	11,516	4.1
Lake Elmo	615,853	667,268	51,415	8.3
Lakeville	3,122,103	3,322,048	199,945	6.4
Lino Lakes	1,021,341	1,045,712	24,371	2.4
Litchfield	355,787	362,872	7,085	2.0
Little Canada	494,361	516,070	21,709	4.4
Little Falls	675,249	699,245	23,996	3.6
Mahtomedi	379,542	399,780	20,238	5.3
Mankato	2,224,351	2,344,881	120,530	5.4
Maple Grove	3,142,520	3,285,444	142,924	4.5
Maplewood	1,917,701	2,009,900	92,199	4.8
Marshall	794,804	831,486	36,682	4.6
Medina	358,384	403,127	44,743	12.5
Mendota Heights	602,855	645,146	42,291	7.0
Minneapolis	17,481,658	18,305,504	823,846	4.7
Minnetonka	2,523,791	2,651,543	127,752	5.1
Minnetrista	434,613	445,993	11,380	2.6
Montevideo	311,260	323,856	12,596	4.0
Monticello	620,845	660,903	40,058	6.5
Moorhead	2,684,396	2,807,264	122,868	4.6
Morris	322,575	326,300	3,725	1.2
Mound	417,449	422,704	5,255	1.3
Mounds View	543,840	565,495	21,655	4.0
New Brighton	870,705	911,431	40,726	4.7
New Hope	850,655	890,869	40,214	4.7
New Prague	337,722	375,993	38,271	11.3
New Ulm	741,834	778,488	36,654	4.9
North Branch	802,567	815,804	13,237	1.6
North Mankato	736,655	771,163	34,508	4.7
North St. Paul	539,382	562,962	23,580	4.4
Northfield	884,962	922,010	37,048	4.2
Oak Grove	684,768	715,995	31,227	4.6
Oakdale	1,088,520	1,181,131	92,611	8.5
Orono	412,267	435,247	22,980	5.6

Municipality	2019 Total Allocations	2020 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	\$871,794	\$966,575	\$94,781	10.9
Owatonna	1,487,536	1,554,294	66,758	4.5
Plymouth	3,706,664	3,898,289	191,625	5.2
Prior Lake	1,082,305	1,135,272	52,967	4.9
Ramsey	1,354,042	1,424,493	70,451	5.2
Red Wing	1,013,752	1,051,148	37,396	3.7
Redwood Falls	338,165	352,284	14,119	4.2
Richfield	1,670,933	1,715,858	44,925	2.7
Robbinsdale	601,735	624,137	22,402	3.7
Rochester	6,284,914	6,712,742	427,828	6.8
Rogers	813,399	853,164	39,765	4.9
Rosemount	1,201,725	1,271,394	69,669	5.8
Roseville	1,568,093	1,634,791	66,698	4.3
Sartell	942,728	995,682	52,954	5.6
Sauk Rapids	748,194	783,755	35,561	4.8
Savage	1,378,251	1,451,734	73,483	5.3
Shakopee	1,940,020	2,024,943	84,923	4.4
Shoreview	1,073,495	1,117,053	43,558	4.1
Shorewood	391,611	406,966	15,355	3.9
South St. Paul	886,158	926,376	40,218	4.5
Spring Lake Park	283,315	300,358	17,043	6.0
St. Anthony	385,059	397,667	12,608	3.3
St. Cloud	3,533,786	3,707,873	174,087	4.9
St. Francis	483,533	499,116	15,583	3.2
St. Joseph	239,956	261,868	21,912	9.1
St. Louis Park	2,155,397	2,243,415	88,018	4.1
St. Michael	991,948	1,016,210	24,262	2.4
St. Paul	13,360,423	14,023,774	663,351	5.0
St. Paul Park	279,952	291,983	12,031	4.3
St. Peter	635,809	666,159	30,350	4.8
Stewartville	239,864	248,608	8,744	3.6
Stillwater	912,972	954,111	41,139	4.5
Thief River Falls	707,823	717,145	9,322	1.3
Vadnais Heights	511,639	542,767	31,128	6.1
Victoria	386,053	426,936	40,883	10.6
Virginia	603,852	628,917	25,065	4.2
Waconia	636,166	687,557	51,391	8.1
Waite Park	381,687	416,716	35,029	9.2
Waseca	395,970	411,695	15,725	4.0
West St. Paul	835,534	867,963	32,429	3.9
White Bear Lake	1,084,884	1,126,940	42,056	3.9
Willmar	1,229,538	1,295,938	66,400	5.4
Winona	1,272,703	1,325,139	52,436	4.1
Woodbury	3,296,832	3,467,883	171,051	5.2
Worthington	593,469	619,617	26,148	4.4
Wyoming	516,839	538,574	21,735	4.2
Zimmerman	245,460	268,229	22,769	9.3
Total	\$192,465,830	\$202,056,769	\$9,590,939	5.0

148 Cities Increased Their Total Allocation
0 Cities Decreased Their Total Allocation

TENTATIVE 2020 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

Municipality	2019 Total Needs Mileage	2020 Population Allocation Per Need Mile	Municipality	2019 Total Needs Mileage	2020 Money Needs Allocation Per Need Mile	Municipality	2019 Total Needs Mileage	2020 Total Allocation Per Need Mile
Minneapolis	206.78	\$52,293	St. Paul	164.84	\$37,155	Minneapolis	206.78	\$88,526
Hopkins	9.99	49,797	Minneapolis	206.78	36,234	St. Paul	164.84	85,075
St. Paul	164.84	47,920	Moorhead	49.90	34,248	Hopkins	9.99	78,879
New Hope	12.86	42,760	Rochester	110.04	34,069	Richfield	24.67	69,552
Columbia Heights	12.50	42,073	Richfield	24.67	32,281	New Hope	12.86	69,274
Falcon Heights	3.29	42,026	Bloomington	76.12	31,243	St. Louis Park	33.02	67,941
West St. Paul	13.58	39,123	Crookston	11.58	30,982	St. Anthony	5.95	66,835
St. Anthony	5.95	38,456	Mankato	40.67	30,620	Coon Rapids	44.40	65,627
New Brighton	15.27	38,207	St. Louis Park	33.02	30,561	Columbia Heights	12.50	65,140
Brooklyn Center	21.34	38,196	Edina	40.85	30,404	Burnsville	44.77	64,915
St. Louis Park	33.02	37,380	St. Cloud	65.90	30,148	Eagan	49.43	64,324
Richfield	24.67	37,272	Sauk Rapids	14.37	30,036	Apple Valley	37.50	63,953
Robbinsdale	10.05	37,103	Burnsville	44.77	29,596	West St. Paul	13.58	63,915
Oakdale	19.39	36,852	Eden Prairie	48.54	29,505	Falcon Heights	3.29	63,773
Vadnais Heights	9.17	36,321	Eagan	49.43	29,430	Brooklyn Center	21.34	63,612
Coon Rapids	44.40	36,319	Coon Rapids	44.40	29,309	Edina	40.85	62,858
Apple Valley	37.50	35,955	Fergus Falls	26.66	29,110	Eden Prairie	48.54	62,495
Circle Pines	3.60	35,583	Hopkins	9.99	29,082	Robbinsdale	10.05	62,103
Burnsville	44.77	35,318	Thief River Falls	16.96	28,982	Rochester	110.04	61,003
Eagan	49.43	34,894	Plymouth	66.43	28,918	Bloomington	76.12	60,966
Farmington	16.95	34,065	East Grand Forks	16.99	28,811	Oakdale	19.39	60,914
Brooklyn Park	60.71	33,952	Winona	21.89	28,702	Blaine	50.62	60,596
Shoreview	19.69	33,938	Duluth	118.12	28,486	Winona	21.89	60,536
Chaska	20.80	33,513	St. Anthony	5.95	28,379	Brooklyn Park	60.71	60,289
Crystal	17.57	33,447	Waite Park	7.77	28,373	New Brighton	15.27	59,688
Stewartville	4.71	33,417	Willmar	28.15	28,021	Chaska	20.80	59,509
Blaine	50.62	33,236	Apple Valley	37.50	27,998	Vadnais Heights	9.17	59,189
Arden Hills	7.53	33,142	Woodbury	60.15	27,933	Plymouth	66.43	58,683
Eden Prairie	48.54	32,991	Austin	30.21	27,789	Mankato	40.67	57,656
Edina	40.85	32,454	Sartell	18.92	27,611	Woodbury	60.15	57,654
Winona	21.89	31,835	Brainerd	19.20	27,597	Farmington	16.95	57,024
Fridley	22.90	31,764	Hutchinson	19.52	27,465	Shoreview	19.69	56,732
Mounds View	10.86	30,971	Blaine	50.62	27,360	Circle Pines	3.60	56,702
Waseca	7.71	30,807	Golden Valley	23.74	27,275	St. Cloud	65.90	56,265

Municipality	2019 Total Needs Mileage	2020 Population Allocation Per Need Mile
White Bear Lake	20.94	\$30,681
Prior Lake	21.63	30,492
Northfield	17.06	30,215
South St. Paul	17.46	30,176
Champlin	20.05	30,116
Plymouth	66.43	29,764
Bloomington	76.12	29,723
Woodbury	60.15	29,721
Mound	7.94	29,708
Chanhassen	22.76	29,123
Savage	27.27	29,064
Roseville	31.58	28,985
Worthington	11.78	28,942
Maple Grove	59.06	28,587
Victoria	8.77	28,539
Anoka	16.56	28,303
Monticello	12.35	28,162
Maplewood	36.68	28,008
Spring Lake Park	5.82	27,803
Cottage Grove	34.39	27,401
St. Joseph	6.76	27,319
Mankato	40.67	27,036
Shakopee	38.88	26,940
North St. Paul	11.39	26,940
Rochester	110.04	26,934
Stillwater	18.87	26,633
Minnetonka	51.23	26,459
St. Cloud	65.90	26,117
Hastings	22.61	25,826
Inver Grove Heights	34.78	25,672
Jordan	6.10	25,463
Waite Park	7.77	25,259
Big Lake	11.48	25,183
Delano	6.21	25,142
Sartell	18.92	25,014
Kasson	6.60	24,869
Albertville	7.69	24,563
Sauk Rapids	14.37	24,505

Municipality	2019 Total Needs Mileage	2020 Money Needs Allocation Per Need Mile
Faribault	27.99	\$27,064
Maple Grove	59.06	27,042
Maplewood	36.68	26,787
New Hope	12.86	26,515
North Mankato	15.77	26,403
Chanhassen	22.76	26,386
Brooklyn Park	60.71	26,337
Anoka	16.56	26,109
Chaska	20.80	25,996
Delano	6.21	25,979
Grand Rapids	26.32	25,947
Owatonna	34.64	25,865
Baxter	17.46	25,810
Champlin	20.05	25,749
Cambridge	16.93	25,725
Albert Lea	24.31	25,675
Bemidji	19.01	25,603
Red Wing	24.86	25,511
Buffalo	17.54	25,448
St. Paul Park	5.94	25,445
Brooklyn Center	21.34	25,416
Marshall	19.07	25,362
Monticello	12.35	25,352
Minnetonka	51.23	25,299
Shakopee	38.88	25,142
Elk River	39.23	25,122
Belle Plaine	9.10	25,051
Virginia	16.36	25,004
Robbinsdale	10.05	25,000
Alexandria	32.77	24,864
Waconia	14.36	24,816
Fairmont	20.12	24,813
West St. Paul	13.58	24,792
Cottage Grove	34.39	24,717
St. Peter	14.74	24,706
Jordan	6.10	24,631
Lakeville	69.05	24,599
Inver Grove Heights	34.78	24,475

Municipality	2019 Total Needs Mileage	2020 Total Allocation Per Need Mile
Moorhead	49.90	\$56,258
Champlin	20.05	55,864
Maple Grove	59.06	55,629
Chanhassen	22.76	55,509
Crystal	17.57	55,426
Maplewood	36.68	54,796
Fridley	22.90	54,630
Sauk Rapids	14.37	54,541
Anoka	16.56	54,413
Northfield	17.06	54,045
Arden Hills	7.53	53,844
White Bear Lake	20.94	53,818
Waite Park	7.77	53,631
Monticello	12.35	53,514
Waseca	7.71	53,398
Mound	7.94	53,237
Savage	27.27	53,236
South St. Paul	17.46	53,057
Stewartville	4.71	52,783
Sartell	18.92	52,626
Worthington	11.78	52,599
Prior Lake	21.63	52,486
Cottage Grove	34.39	52,118
Shakopee	38.88	52,082
Mounds View	10.86	52,071
Roseville	31.58	51,767
Minnetonka	51.23	51,758
Spring Lake Park	5.82	51,608
Delano	6.21	51,121
Stillwater	18.87	50,562
Golden Valley	23.74	50,214
Inver Grove Heights	34.78	50,147
Jordan	6.10	50,094
North St. Paul	11.39	49,426
Austin	30.21	49,165
Buffalo	17.54	49,157
St. Paul Park	5.94	49,155
North Mankato	15.77	48,901

Municipality	2019 Total Needs Mileage	2020 Population Allocation Per Need Mile
St. Paul Park	5.94	\$23,711
Buffalo	17.54	23,709
Lakeville	69.05	23,512
Little Canada	11.35	23,092
Waconia	14.36	23,064
Golden Valley	23.74	22,940
North Mankato	15.77	22,498
LaCrescent	5.84	22,336
Zimmerman	6.52	22,194
Isanti	6.89	22,090
Moorhead	49.90	22,010
Lino Lakes	24.52	21,970
Orono	9.45	21,636
Faribault	27.99	21,534
Austin	30.21	21,376
Mahtomedi	9.56	21,223
New Prague	9.59	21,199
Shorewood	9.20	21,102
Rosemount	29.89	20,552
Belle Plaine	9.10	20,544
Bemidji	19.01	20,526
St. Peter	14.74	20,488
International Falls	8.05	20,139
Litchfield	8.77	19,461
St. Michael	23.47	19,177
New Ulm	18.01	19,120
Owatonna	34.64	19,005
Mendota Heights	15.17	18,951
Albert Lea	24.31	18,857
Andover	43.81	18,852
Duluth	118.12	18,633
Hutchinson	19.52	18,436
Marshall	19.07	18,239
Brainerd	19.20	18,049
Ramsey	37.86	18,031
Byron	8.08	18,021
Willmar	28.15	18,016
Hugo	22.01	17,482
Crookston	11.58	17,480

Municipality	2019 Total Needs Mileage	2020 Money Needs Allocation Per Need Mile
Orono	9.45	\$24,422
Savage	27.27	24,171
St. Michael	23.47	24,121
New Ulm	18.01	24,106
Rogers	21.80	24,097
Oakdale	19.39	24,063
Hermantown	18.65	24,013
Stillwater	18.87	23,929
Northfield	17.06	23,830
Spring Lake Park	5.82	23,805
Detroit Lakes	25.29	23,792
Worthington	11.78	23,657
Mendota Heights	15.17	23,577
Mound	7.94	23,530
White Bear Lake	20.94	23,137
Shorewood	9.20	23,133
Columbia Heights	12.50	23,066
Albertville	7.69	23,004
Farmington	16.95	22,960
South St. Paul	17.46	22,881
Vadnais Heights	9.17	22,869
Fridley	22.90	22,866
Shoreview	19.69	22,794
Roseville	31.58	22,781
Waseca	7.71	22,591
North St. Paul	11.39	22,486
Little Canada	11.35	22,376
St. Francis	13.45	22,339
Prior Lake	21.63	21,994
Rosemount	29.89	21,984
Glencoe	8.39	21,980
Crystal	17.57	21,979
Litchfield	8.77	21,916
Cloquet	22.75	21,904
Forest Lake	33.83	21,787
Little Falls	21.75	21,783
Kasson	6.60	21,777
Falcon Heights	3.29	21,747
Hastings	22.61	21,531

Municipality	2019 Total Needs Mileage	2020 Total Allocation Per Need Mile
Victoria	8.77	\$48,681
Faribault	27.99	48,597
Crookston	11.58	48,462
Lakeville	69.05	48,111
Waconia	14.36	47,880
Albertville	7.69	47,567
Hastings	22.61	47,357
Duluth	118.12	47,118
Kasson	6.60	46,646
Bemidji	19.01	46,129
Orono	9.45	46,058
Willmar	28.15	46,037
Hutchinson	19.52	45,901
Brainerd	19.20	45,646
Belle Plaine	9.10	45,594
Little Canada	11.35	45,469
St. Peter	14.74	45,194
Owatonna	34.64	44,870
Big Lake	11.48	44,815
Albert Lea	24.31	44,532
Shorewood	9.20	44,235
Marshall	19.07	43,602
St. Michael	23.47	43,298
New Ulm	18.01	43,225
Lino Lakes	24.52	42,647
Rosemount	29.89	42,536
Mendota Heights	15.17	42,528
Thief River Falls	16.96	42,284
Red Wing	24.86	42,283
Fergus Falls	26.66	42,122
East Grand Forks	16.99	41,993
Mahtomedi	9.56	41,818
La Crescent	5.84	41,386
Litchfield	8.77	41,377
Isanti	6.89	41,203
Zimmerman	6.52	41,139
Elk River	39.23	41,133
International Falls	8.05	39,335
New Prague	9.59	39,207

Municipality	2019 Total Needs Mileage	2020 Population Allocation Per Need Mile
Otsego	25.21	\$17,341
Glencoe	8.39	16,937
Red Wing	24.86	16,772
Elk River	39.23	16,012
Morris	8.79	15,653
Chisago City	8.75	15,615
Lake City	8.39	15,578
Forest Lake	33.83	15,365
Montevideo	8.98	15,127
Rogers	21.80	15,038
Minnetrista	12.98	14,955
St. Francis	13.45	14,770
Chisholm	8.61	14,655
Dayton	10.62	14,429
Lake Elmo	19.12	13,886
Cloquet	22.75	13,696
Virginia	16.36	13,439
Cambridge	16.93	13,381
Fairmont	20.12	13,378
Medina	12.59	13,321
Thief River Falls	16.96	13,302
East Grand Forks	16.99	13,182
Hermantown	18.65	13,167
Fergus Falls	26.66	13,013
Wyoming	16.06	12,629
Redwood Falls	10.61	12,501
Baxter	17.46	12,254
Ham Lake	34.62	11,950
Grand Rapids	26.32	10,923
Alexandria	32.77	10,744
Little Falls	21.75	10,366
East Bethel	29.73	10,211
North Branch	27.81	9,733
Detroit Lakes	25.29	9,455
Corcoran	15.79	9,319
Oak Grove	26.59	8,246
Hibbing	54.19	7,619
Avg.		\$24,257

Municipality	2019 Total Needs Mileage	2020 Money Needs Allocation Per Need Mile
New Brighton	15.27	\$21,480
Morris	8.79	21,469
Circle Pines	3.60	21,119
Mounds View	10.86	21,101
Lake Elmo	19.12	21,013
Otsego	25.21	21,000
Chisholm	8.61	20,942
Montevideo	8.98	20,937
Wyoming	16.06	20,906
Arden Hills	7.53	20,703
Redwood Falls	10.61	20,702
Lino Lakes	24.52	20,677
Mahtomedi	9.56	20,595
Hugo	22.01	20,564
Hibbing	54.19	20,218
Victoria	8.77	20,142
Andover	43.81	19,789
Big Lake	11.48	19,632
North Branch	27.81	19,602
Ramsey	37.86	19,594
Lake City	8.39	19,471
Minnetrista	12.98	19,405
Byron	8.08	19,393
Stewartville	4.71	19,366
International Falls	8.05	19,196
Isanti	6.89	19,113
La Crescent	5.84	19,049
Chisago City	8.75	19,039
Zimmerman	6.52	18,946
Medina	12.59	18,698
Oak Grove	26.59	18,681
Dayton	10.62	18,219
Ham Lake	34.62	18,185
Corcoran	15.79	18,053
New Prague	9.59	18,008
East Bethel	29.73	17,631
St. Joseph	6.76	11,419
Avg.		\$24,345

Municipality	2019 Total Needs Mileage	2020 Total Allocation Per Need Mile
Rogers	21.80	\$39,136
Cambridge	16.93	39,106
Glencoe	8.39	38,917
St. Joseph	6.76	38,738
Andover	43.81	38,642
Virginia	16.36	38,442
Otsego	25.21	38,341
Fairmont	20.12	38,191
Baxter	17.46	38,063
Hugo	22.01	38,046
Ramsey	37.86	37,625
Byron	8.08	37,414
Hermantown	18.65	37,181
Forest Lake	33.83	37,152
Morris	8.79	37,122
St. Francis	13.45	37,109
Grand Rapids	26.32	36,870
Montevideo	8.98	36,064
Alexandria	32.77	35,608
Cloquet	22.75	35,600
Chisholm	8.61	35,597
Lake City	8.39	35,049
Lake Elmo	19.12	34,899
Chisago City	8.75	34,653
Minnetrista	12.98	34,360
Wyoming	16.06	33,535
Detroit Lakes	25.29	33,247
Redwood Falls	10.61	33,203
Dayton	10.62	32,648
Little Falls	21.75	32,149
Medina	12.59	32,020
Ham Lake	34.62	30,135
North Branch	27.81	29,335
East Bethel	29.73	27,842
Hibbing	54.19	27,838
Corcoran	15.79	27,372
Oak Grove	26.59	26,927
Avg.		\$48,602



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 2019 ALLOCATION

Prepared for the January 2019 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	\$1,199,155	\$767,315	\$200,803	\$886,158	\$553,112
Population	\$696,772	\$489,833	\$132,126	\$500,649	\$194,592
Money Needs	\$502,383	\$277,482	\$68,677	\$385,509	\$358,520
% based on Pop.	58.1%	63.8%	65.8%	56.5%	35.2%
Total Construction Allotment: Jan. 2019 (total apportionment - maintenance)	\$779,451	\$575,486	\$150,602	\$664,618	\$414,834
Allocation to 90p acct (amount of construction allotment based on Population)	\$452,902	\$367,375	\$99,094	\$375,486	\$145,944
Amount Remaining in 90p acct from 2018	\$4,689	\$0	\$376,897	\$621,287	\$497,076
Maximum Local Unencumbered Amount Available after January 2019 Allocation	\$457,591	\$367,375	\$475,991	\$996,773	\$643,020

This is the amount available to spend on city streets after the 2019 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.

UPDATED 90P ACCOUNT - BALANCE

Minnesota Department of Transportation - Office of Finance

Account Summary by Account

Summary of Account: 90P - CERT POPULATION

for August 2019 as of 8/25/2019

Municipality	Dist	Beg Yr Bal	Annual Allocations	Total	Deposits	Transfers	Disbursement	Unexp Bal	Encumbrance	B/L Rsrv	Bal Available
113-COLUMBIA HEIGHTS	5	13,601.23	367,375.00	380,976.23	0.00	0.00	367,375.00	13,601.23	13,601.23	0.00	0.00
115-CROOKSTON	2	497,075.78	145,944.00	643,019.78	0.00	0.00	0.00	643,019.78	0.00	0.00	643,019.78
124-FALCON HEIGHTS	5	399,676.98	99,094.00	498,770.98	0.00	0.00	0.00	498,770.98	22,779.55	0.00	475,991.43
127-FRIDLEY	5	4,689.00	452,902.00	457,591.00	0.00	0.00	77,380.53	380,210.47	36,243.47	0.00	343,967.00
168-SOUTH SAINT PAUL	5	659,119.84	375,486.00	1,034,605.84	0.00	0.00	0.00	1,034,605.84	37,831.85	0.00	996,773.99
Total		1,574,162.83	1,440,801.00	3,014,963.83	0.00	0.00	444,755.53	2,570,208.30	110,456.10	0.00	2,459,752.20

HISTORY OF ADMINISTRATIVE ACCOUNT

TWO PERCENT 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		2012	3,014,118	1,029,649	\$1,984,469
1970	252,736	147,968	104,768		2013	3,125,654	888,606	2,237,048
1980	521,544	171,544	350,000		2014	3,235,357	880,506	2,354,851
1990	1,248,109	218,586	1,029,523		2015	3,413,892	1,045,899	2,367,993
2000	1,583,411	1,230,268	353,143		2016	3,548,041	1,171,781	2,376,260
2008	1,750,808	29,487	1,721,321		2017	3,551,701	1,078,127	2,473,574
2009	1,866,306	95,764	1,770,542		2018	3,937,329	1,587,167	2,350,162
2010	2,614,101	680,404	1,933,697		2019	3,948,897		
2011	2,858,585	762,419	2,096,166					

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 \$962,329 (not to exceed 1/2 of 1% of the 2019 MSAS Apportionment sum of: \$192,465,830) shall be set aside from the 2020 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	961,433
2011	636,577	636,577		2020	962,329	

Enterprise MnDOT Mapping Application

<http://www.dot.state.mn.us/tda/emma.html>



Transportation Data and Analysis

Cartographic maps, GIS data, traffic monitoring programs, and LRS maintenance

TDA Home

Glossary

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Enterprise MnDOT Mapping Application

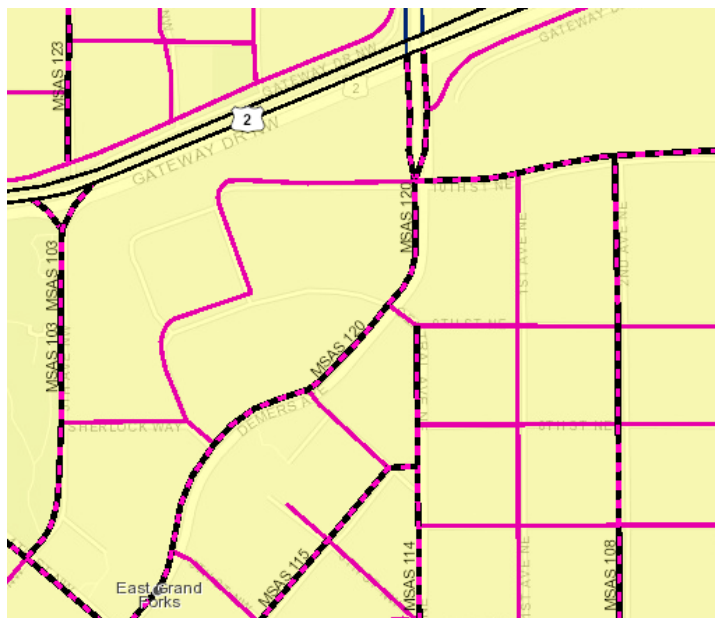
[Launch application](#)

The Enterprise MnDOT Mapping Application (EMMA) references the most current version of Linear Referencing System (LRS) data. The LRS is a suite of Esri tools to manage and maintain route location information and roadway characteristic data. The data in this application is updated every weekend keeping current with the latest changes entered into the LRS.

Step 1: *Launch application*

Step 2: *Enter City to search*

Step 3: *Click on the layer list icon and turn on “City Route System” layer.*



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 Cindy Degener at cindy.degener@state.mn.us 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 why the project is needed.

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 2019

**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.

2019 UNIT PRICE RECOMMENDATIONS

for the January 2020 distribution

Needs Item		Municipal Screening Board Approved Prices for the 2019 Distribution	Needs Study Subcommittee Recommended Prices for 2020 Distribution	Municipal Screening Board Approved Prices for the 2020 Distribution
Grading (Excavation)	Cu. Yd.	\$9.10	\$9.36	\$9.36
Aggregate Base	Ton	13.78	14.18	14.18
All Bituminous	Ton	60.00	65.00	65.00
Sidewalk Construction	Sq. Ft.	5.50	5.66	5.66
Curb and Gutter Construction	Lin.Ft.	15.90	16.36	16.36
Traffic Signals *	Per Sig	201,850	207,700	207,700
Street Lighting	Mile	100,000	100,000	100,000
Engineering	Percent	22	22	22
All Structures (includes both bridges and box culverts)				
	Sq. Ft.	87.55	95.20	95.20
Storm Sewer (based on ADT)	Per Mile			
0 ADT & Non Existing		159,500	162,400	162,400
1-499		162,500	165,500	165,500
500-1,999		171,600	174,800	174,800
2,000-4,999		180,700	184,000	184,000
5,000-8,999		192,800	196,400	196,400
9,000-13,999		201,900	205,600	205,600
14,000-24,999		214,000	218,000	218,000
25,000 and over		226,100	230,300	230,300

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, May 2019)

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 the construction fund balance is over \$1,500,000, then 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 the balance is over \$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.