Municipal State Aid Street Needs Report

Photo by Widseth

Agnes Boulevard Reconstruction Project

Alexandria, MN

October 2020

Agnes Blvd: Alexandria, MN

Photo by Widseth

Winding along beautiful Lake Agnes, the newly constructed multi-use trail and improved Agnes Boulevard connects neighborhoods on Alexandria's north side to the heart of the City. The half-mile-long trail provides several neighborhoods with safe and easy access to downtown and the Central Lakes State Trail.

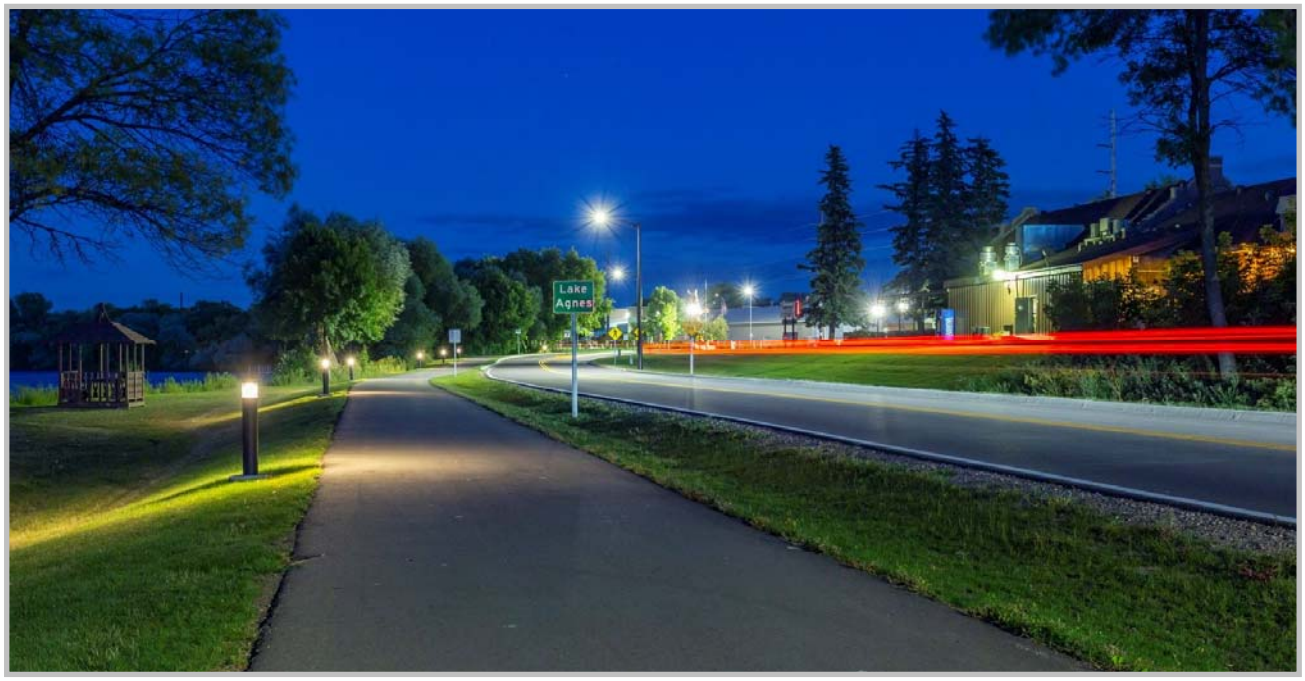


Photo by Widseth

Residents and visitors can now enjoy the natural beauty of Lake Agnes while safely walking, biking, or running alongside the lake. Lighted bollards line the trail providing safety and charm. Landscaped with native grasses within the infiltration basins, this is truly a beautiful addition to the Alexandria Lakes Area.

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 **2020 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 2020) 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 "**2021 Municipal State Aid Apportionment Data**" book to be published in January.

MSAS CALENDAR

January

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

February

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

March

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

April

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

May

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

June

- Spring Screening Board Mtg

July

- Traffic Updates
- Review Needs

August

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

September

October

- FALL PRESCREENING BOARD MEETINGS
- Mail out Fall books

November

- Notify cities for Maintenance requests
- Fall Screening Board Mtg

December

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

City tasks (inside calendar)

State Aid tasks (outside calendar)

Ongoing Processes

The State Aid Program Mission Study

Mission Statement:

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

Program Goals:

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

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

Key Program Concepts:

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

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

A. Is projected to carry a relatively heavier traffic volume or is functionally classified as collector or arterial

B. Connects towns, communities, shipping points, and markets within a county or in adjacent counties; provides access to rural churches, schools, community meeting halls, industrial areas, state institutions, and recreational areas; serves as a principal rural mail route and school bus route; or connects the points of major traffic interest, parks, parkways, or recreational areas within an urban municipality.

C. Provides an integrated and coordinated highway and street system affording, within practical limits, a state-aid highway network consistent with projected traffic demands.

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

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

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

TABLE OF CONTENTS

INTRODUCTORY INFORMATION

Maps of Highway Districts and Urban Municipalities..... 2
2020 Municipal Screening Board & Subcommittees..... 4
Past Municipal Screening Board Representatives 6
Minutes of Spring Screening Board Meeting - May 19, 2020..... 8

POPULATION DATA

Population Data Notes 11
2020 Population Summary 12
Map: State Aid Cities Population Change, 2015 to 2020 16
MSAS Tentative Population Allocations 17

NEEDS DATA

Mileage, Needs, and Apportionment since 1958 22
Apportionment Per $1,000 Needs: Chart 24
2020 Itemized Tabulation of Needs..... 25
Map: Needs Costs per Mile 30
Comparison of Needs Between 2019 and 2020..... 31
2020 Mileage Report..... 32
MSAS Needs Mileage Comparison..... 37
2020 Construction Needs & 2021 Construction Needs Allocations / explanation 38
Phase In (Restriction) / Steps for computing / Restricted Needs..... 39
UCFS Meeting Minutes - Sept. 23rd, 2020 46
Data & Graphs for Restricted Cities 48
Maps: Restricted Cities 2014 & 2020 58

NEEDS ADJUSTMENTS & TENTATIVE NEEDS ALLOCATIONS

Excess Balance Adjustment / Low Balance Incentive..... 61
Right of Way Adjustments 66
Retaining Wall Adjustment 70
After the Fact Railroad Crossing & Railroad Bridge Over MSAS Adjustment 71
2020 Adjusted Restricted Construction Needs 72
Letter to the Commissioner / Needs Recommendations..... 76
Tentative 2021 Estimated Construction Needs Allocations 79
Comparison of 2020 to 2021 Construction Needs Allocations..... 82
Tentative Total Allocations 85
Comparison of 2020 Total Allocations to 2021 Tentative Total Allocations 88
Tentative Allocation Rankings 91

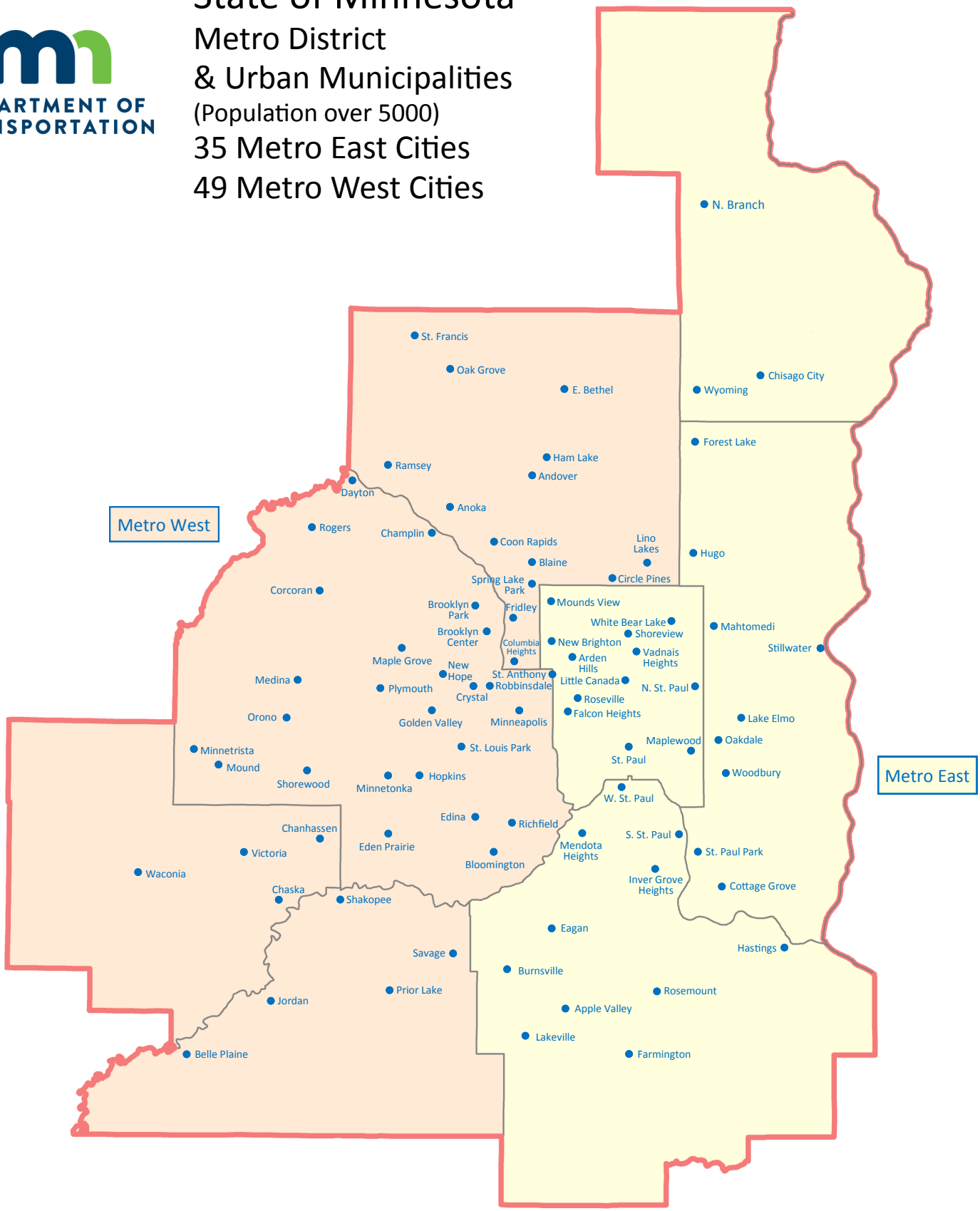
OTHER TOPICS

Alternate Data Sets for the Needs 96
Certification of MSAS System as complete..... 110
History of the Administrative and Research Accounts..... 112
EMMA Mapping Application 113
Advance Guidelines 114
County Highway Turnback Policy 116
Current Resolutions of the Municipal Screening Board 118

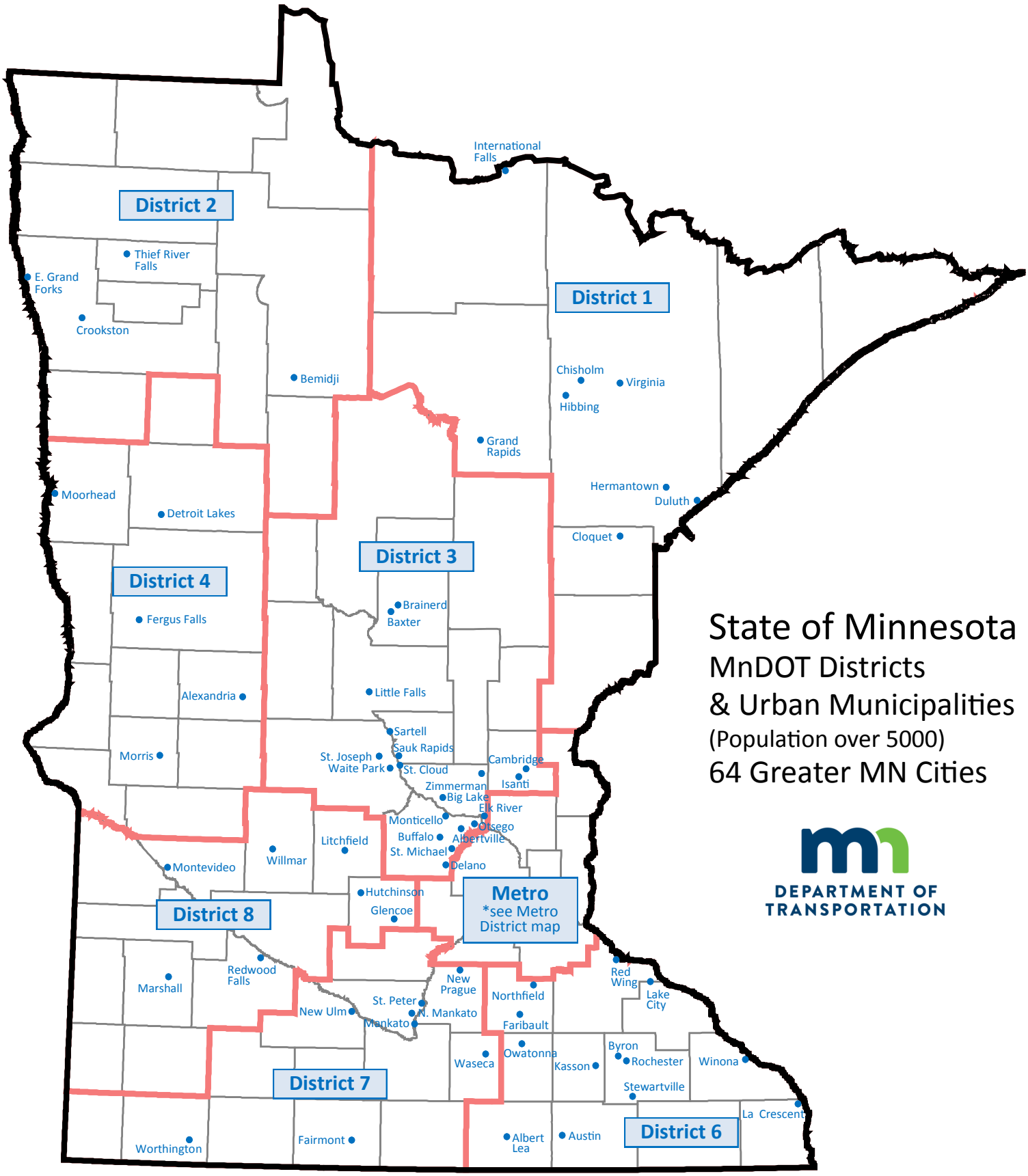
State of Minnesota
Metro District
& Urban Municipalities
(Population over 5000)

35 Metro East Cities

49 Metro West Cities



Updated 12/9/14



State of Minnesota

MnDOT Districts & Urban Municipalities

(Population over 5000)

64 Greater MN Cities

DEPARTMENT OF TRANSPORTATION

Updated 1/8/14

2020 MUNICIPAL SCREENING BOARD

06-Feb-20

Officers

Chair	Justin Femrite	Elk River	(763) 635-1051
Vice Chair	Michael Thompson	Plymouth	(763) 509-5501
Secretary	Paul Sandy	Brainerd	(218) 454-3411

Members

District	Years Served	Representative	City	Phone
1	2020-2022	Caleb Peterson	Cloquet	(218) 879-6758
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	2020-2022	Jeff Domras	St. Peter	(507) 625-4171
8	2018-2020	Owen Todd	Redwood Falls	(507) 794-5541
Metro-East	2020-2022	Brian Erickson	Rosemount	(651) 322-2025
Cities	Permanent	Cindy Voigt	Duluth	(218) 730-5200
of the	Permanent	Jenifer Hager	Minneapolis	(612) 673-3625
First	Permanent	Dillon Dombrovski	Rochester	(507) 328-2421
Class	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

Alternates

District	Year Beginning		City	Phone
1	2023	Curt Meyer	International Falls	(218) 308-2603
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	2023	Michael McCarty*	Mankato	(507) 387-8643
8	2021	Chuck DeWolf	Litchfield	(320) 231-3956
Metro-East	2023	Zachary Johnson	Lakeville	(952) 985-4501

* Jeff Johnson or Michael McCarty

2020 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
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
Matt Wegwerth Grand Rapids (218) 326-7625 Expires after 2022	John Gorder Eagan (651) 675-5645 Expires after 2022

MUNICIPAL SCREENING BOARD REPRESENTATIVES

Districts

27-Jul-20

YEAR	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	METRO WEST	DISTRICT 6	DISTRICT 7	DISTRICT 8	METRO EAST
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
2020	C. PETERSON Cloquet	R. CLAUSON Crookston	A. NAFSTAD Albertville	B. YAVAROW Fergus Falls	C. MILLNER Edina	K. SKOV Owatonna	J. DOMRAS St. Peter	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
1995	KANNANKUTTY	ST MARTIN	LARSON		SONNENBERG Minnetonka	SWANSON Willmar	BACHMEIER Oakdale
1996	KANNANKUTTY	ST MARTIN	LARSON		SONNENBERG BACHMEIER	BACHMEIER Oakdale	RODEBERG Hutchinson
1997	KANNANKUTTY	WARN	BEEMAN		BACHMEIER Oakdale	RODEBERG Hutchinson	ASHFELD Maple Grove
1998	KANNANKUTTY	WARN	WINSON		RODEBERG Hutchinson	ASHFELD Maple Grove	HALTER Grand Rapids
1999	KANNANKUTTY	WARN	WINSON		RODEBERG ASHFELD	VACANT	JESSUP Woodbury
2000	KANNANKUTTY SONNENBERG	WARN	BRINK		ASHFELD Maple Grove	JESSUP Woodbury	DRAKE Red Wing
2001	SONNENBERG	WARN	METSO		JESSUP Woodbury	DRAKE Red Wing	GUSTAFSON Minnetonka
2002	SONNENBERG OGREN	WARN KURTZ	METSO		DRAKE Red Wing	GUSTAFSON Minnetonka	METSO Duluth
2003	OGREN FABRY	KURTZ	METSO		GUSTAFSON Minnetonka	METSO Duluth	HAGEN St. Louis Park
2004	FABRY	KURTZ	METSO		METSO Duluth	HAGEN St. Louis Park	GAETZ St.Cloud
2005	FABRY	KURTZ	METSO		METSO Duluth	GAETZ St.Cloud	AHL Maplewood
2006	RAE	KURTZ	BENNING VOIGT		GAETZ St. Cloud	AHL Maplewood	ODENS Willmar
2007	RAE/ELWOOD	KURTZ	VOIGT		AHL Maplewood	ODENS Willmar	PEDERSON Bloomington
2008	ELWOOD	KURTZ	VOIGT		ODENS Willmar	PEDERSON Bloomington	HULSETHER Brainerd
2009	ELWOOD	KURTZ	VOIGT		PEDERSON Bloomington	HULSETHER Brainerd	KEELY Blaine
2010	ELWOOD	KURTZ	VOIGT		HULSETHER Brainerd	KEELY Blaine	EXNER Hutchinson
2011	ELWOOD	KURTZ	VOIGT	FREESE	KEELY Blaine	EXNER Hutchinson	MOBERG Plymouth
2012	ELWOOD	KURTZ	VOIGT	FREESE	EXNER Hutchinson	VACANT	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
2020	HAGER	KURTZ	VOIGT	DOMBROVSKI	FEMRITE Elk River	THOMPSON Maplewood	SANDY Brainerd

MINUTES
MUNICIPAL SCREENING BOARD MEETING
May 19th 2020 at 1pm to 2:30pm (WEBEX Meeting)

I. Call to Order, introductions and welcome by Chairman Femrite at 1:00pm

i. *Kristine Elwood*, MnDOT –State Aid Engineer
ii. *Bill Lanoux*, MnDOT - Manager, Municipal State Aid Needs Unit
iii. *Michael Thompson*, Vice President of the MSB
iv. *DSAE's and others in attendance*

Roll Call of Screening Board Members:

v.	District 1	Caleb Peterson, Cloquet
vi.	District 2	Rich Clauson, Crookston
vii.	District 3	Adam Nafstad, Albertville
viii.	District 4	Brian Yavarow, Fergus Falls
ix.	Metro West	Chad Millner, Edina
x.	District 6	Kyle Skov, Owatonna
xi.	District 7	Jeff Domras, St. Peter
xii.	District 8	Owen Todd, Redwood Falls
xiii.	Metro East	Brian Erickson, Rosemount
xiv.	Duluth	Cindy Voigt
xv.	Minneapolis	Jenifer Hager
xvi.	Rochester	Dillon Dombrovski
xvii.	St. Paul	Paul Kurtz

II. Review of the 2020 Municipal Screening Board Data book

a. Introductory information

i. Oct. Screening Board minutes Pages 6-12
Motion to approve minutes by Nafstad, Second by Erickson, Motion Carried 13-0

ii. UCFS meeting minutes from Jan. 2020 Pages 13-14 (the committee made their recommendation on the Trunk Hwy Turnback resolution to be presented later in the meeting)

iii. Traffic Counts Page 15
Discussion surrounded the current counting situation in the time of reduced travel related to COVID-19. Item is to be discussed in more depth at the fall and spring board meetings when more data is available. State Aid will bring 2020 *draft counts* in the Fall, if available. Any 2020 counts wouldn't be final until 2021. State Aid has recommended that local and state staff continue to count so we have data to analyze. We may have to make a determination in 2021 if counts from 2020 are equitable for cities being counted this year. Data should be reviewed before further discussing impacts and whether or not 2020 AADT counts should (or should not) be used in the Needs calculations. An additional question was asked about historic counts from 2005 to 2012, and were there any drastic changes

that were ever adjusted at that time. State Aid would look into it for the next screening board meeting.

b. Lanoux discussed Unit Price Recommendations
   i. Minutes of NSS meeting Pages 24-25
   ii. Unit Price Recommendations of NSS Page 23
   iii. Unit Prices Data and Graphs Pages 27-43

III. Take action on Unit Costs

a. Unit Price recommendations of the Needs Study Subcommittee are on Page 23 of the book.
   Motion to approve by Todd, Second by Dombrovski, Motion Carried 13-0

IV. UCFS Recommendation on Page 14

UCFS Chair Culver explained the topic and recommendation

a. At October meeting the MSB approved a motion for UCFS to make recommendation on the Trunk Hwy TB resolution. UCFS recommendation is to revoke the Trunk Hwy TB resolution. In doing so, Trunk Hwy Turnbacks will be treated as any other MSAS roadway.
   Motion to revoke the Trunk Hwy TB Resolution by Nafstad, Second by Todd, Motion Carried 13-0

V. UCFS Committee (vacant Chair position for 2021)

a. Glenn Olson is due to be chair 2021 (he has retired)
b. Screening board asked to take action and have Marc Culver serve 2nd year as Chair of UCFS
   Motion to approve by Millner, Second by Nafstad, Motion carried 13-0

VI. Needs Presentation / Steve Bot (former Chair of MSB)

Steve Bot gave some historical background on the needs change phase in period that was adopted in 2014. The phase in is set to expire per the current resolution after 7-years. Mr. Bot requested the screening board consider to have the UCFS review the topic and make a recommendation to the Screening Board at the fall meeting on its fate.

Kurtz asked what would happen if the Screening Board took no action. Lanoux said with no further action, State Aid would be done applying the restriction after this year as current resolutions state that the phase in period is seven years, beginning with the Jan. 2015 allocation and ending with the Jan. 2021 allocation.

Lee Gustafson, member of the needs study task force when the phase in was developed, also provided some historical context to the merits and intension of the phase in. Gustafson noted that if the phase in period was revised, that discontinuing the phase-in for some cities on the upper restriction could be a consideration.

After some discussion there was a **motion to have the UCFS study the topic and return to the fall screening board with a recommendation on the Phase in Period for consideration. Motion made by Nafstad, Second by Voigt, Motion carried 13-0**

VII. Other Discussion items

a. Legislative Update- given by Anne Finn of the League of Minnesota Cities
b. State Aid Report – Chris Kufner or Kristine Elwood
    i. HUDTF forecast (early forecasts suggest a possible 15% reduction in the HUDTF)
    ii. Other State Aid items

VIII. Thank

a. All DSAE's and state aid staff
b. Marc Culver, UCFS
c. Steve Bot and Lee Gustafson
d. Sean Christensen, NSS
e. Screening Board Members
f. Dave Sonnenberg for all his work over the years as our Legislative representative.

IX. Entertain a motion to adjourn
Motion by Voigt, second by Nafstad, Motion Carried 13-0

Minutes submitted by MSB Chair, Justin Femrite

POPULATION DATA

Becoming an MSAS Eligible City

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

Being Dropped as an MSAS City

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

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

Notes on Population

According to the most recent population estimates, Chisholm (4,925) is below 5,000. The city remains eligible to be included in the MSAS distribution. **(State Statute 162.09 subd. 4)**

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

There are 148 MSAS cities. Their overall population has increased by 9.7% since 2010 (from 3,690,202 in 2010, to 4,049,896 in 2019)

In the last five years, these eight cities have seen their total population increase by more than 15% (since 2015): Isanti (15.2%), Waconia (15.2%), Medina (16.4%), Minnetrista (19.9%), Otsego (21.1%), Victoria (25.1%), Dayton (26.1%), and Lake Elmo (29.2%).

Eleven more cities have seen their populations increase by at least 10% since 2015.

Twelve cities have seen a decrease in population since 2015.

The State Demographer's estimated population for the City of North Oaks is 5,320. All residential roads in North Oaks are private roads, so the city is unable to establish a State Aid System. North Oaks is not a MSAS city at this time.

These cities were once MSAS cities: Ely (3,395), Eveleth (3,590), Luverne (4,796), and Pipestone (4,162).

2020 POPULATION SUMMARY

The populations used for 2021 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	2019 Population Estimates (Released July 2020)	Population to be used for 2021 Allocation	% Change in Population used for 2020 & 2021 Allocation	% Change in Population from 2010 to 2019
Albert Lea	18,016	18,165	**18,132**	**18,132**	-0.2%	0.6%
Albertville	7,044	7,485	**7,519**	**7,519**	0.5%	6.7%
Alexandria	11,074	13,956	**14,156**	**14,156**	1.4%	27.8%
Andover	30,598	32,728	**32,882**	**32,882**	0.5%	7.5%
Anoka	17,142	18,573	**18,728**	**18,728**	0.8%	9.3%
Apple Valley	49,084	53,429	**54,400**	**54,400**	1.8%	10.8%
Arden Hills	9,552	9,889	**10,008**	**10,008**	1.2%	4.8%
Austin	24,721	25,589	**25,679**	**25,679**	0.4%	3.9%
Baxter	7,610	8,478	**8,555**	**8,555**	0.9%	12.4%
Belle Plaine	6,661	7,408	**7,250**	**7,250**	-2.1%	8.8%
Bemidji	13,431	15,462	**16,318**	**16,318**	5.5%	21.5%
Big Lake	10,060	11,456	**11,551**	**11,551**	0.8%	14.8%
Blaine	57,186	66,667	**67,939**	**67,939**	1.9%	18.8%
Bloomington	82,893	89,654	**90,271**	**90,271**	0.7%	8.9%
Brainerd	13,590	13,732	**13,755**	**13,755**	0.2%	1.2%
Brooklyn Center	30,104	32,299	**32,722**	**32,722**	1.3%	8.7%
Brooklyn Park	75,781	81,679	**82,444**	**82,444**	0.9%	8.8%
Buffalo	15,453	16,479	**16,558**	**16,558**	0.5%	7.2%
Burnsville	60,306	62,657	**62,785**	**62,785**	0.2%	4.1%
Byron	4,952	5,770	**5,945**	**5,945**	3.0%	20.1%
Cambridge	8,111	8,979	**9,249**	**9,249**	3.0%	14.0%
Champlin	23,089	23,927	**24,231**	**24,231**	1.3%	4.9%
Chanhassen	22,952	26,266	**26,278**	**26,278**	0.0%	14.5%
Chaska	23,770	27,622	**27,692**	**27,692**	0.3%	16.5%
Chisago City	4,967	5,414	**5,501**	**5,501**	1.6%	10.8%
Chisholm	4,976	5,000	4,925	***5,000***	0.0%	-1.0%
Circle Pines	4,922	5,076	**5,061**	**5,061**	-0.3%	2.8%
Cloquet	12,124	12,347	**12,374**	**12,374**	0.2%	2.1%
Columbia Heights	19,496	20,840	**21,124**	**21,124**	1.4%	8.4%
Coon Rapids	61,476	63,899	**63,968**	**63,968**	0.1%	4.1%
Corcoran	5,379	5,831	**5,986**	**5,986**	2.7%	11.3%
Cottage Grove	34,589	37,341	**37,795**	**37,795**	1.2%	9.3%
Crookston	7,891	8,021	**8,019**	**8,019**	0.0%	1.6%
Crystal	22,151	23,287	**23,262**	**23,262**	-0.1%	5.0%
Dayton	4,743	6,072	**6,320**	**6,320**	4.1%	33.2%
Delano	5,464	6,187	**6,282**	**6,282**	1.5%	15.0%
Detroit Lakes	8,571	9,477	**9,744**	**9,744**	2.8%	13.7%
Duluth	86,265	87,213	**87,306**	**87,306**	0.1%	1.2%
Eagan	64,206	68,347	**69,231**	**69,231**	1.3%	7.8%
East Bethel	11,626	12,029	**12,184**	**12,184**	1.3%	4.8%
East Grand Forks	8,601	8,875	**8,893**	**8,893**	0.2%	3.4%
Eden Prairie	60,797	63,456	**64,567**	**64,567**	1.8%	6.2%
Edina	47,941	52,535	**53,268**	**53,268**	1.4%	11.1%
Elk River	22,974	24,891	**25,243**	**25,243**	1.4%	9.9%
Fairmont *	**10,666**	10,666	10,299	**10,666**	0.0%	-3.4%
Falcon Heights	5,321	5,479	**5,446**	**5,446**	-0.6%	2.3%
Faribault	23,352	23,884	**23,912**	**23,912**	0.1%	2.4%

Municipality	2010 Census	Population used for the last Allocation	2019 Population Estimates (Released July 2020)	Population to be used for 2021 Allocation	% Change in Population used for 2020 & 2021 Allocation	% Change in Population from 2010 to 2019
Farmington	21,086	22,880	**23,123**	**23,123**	1.1%	9.7%
Fergus Falls	13,140	13,747	**13,766**	**13,766**	0.1%	4.8%
Forest Lake	18,375	20,598	**20,798**	**20,798**	1.0%	13.2%
Fridley	27,208	28,824	**29,374**	**29,374**	1.9%	8.0%
Glencoe *	**5,631**	5,631	5,607	**5,631**	0.0%	-0.4%
Golden Valley	20,371	21,580	**22,715**	**22,715**	5.3%	11.5%
Grand Rapids	10,869	11,392	**11,390**	**11,390**	0.0%	4.8%
Ham Lake	15,296	16,394	**16,706**	**16,706**	1.9%	9.2%
Hastings	22,172	23,139	**22,965**	**22,965**	-0.8%	3.6%
Hermantown	9,414	9,731	**9,603**	**9,603**	-1.3%	2.0%
Hibbing *	**16,361**	16,361	16,310	**16,361**	0.0%	-0.3%
Hopkins	17,591	19,713	**19,555**	**19,555**	-0.8%	11.2%
Hugo	13,332	15,247	**15,388**	**15,388**	0.9%	15.4%
Hutchinson	14,180	14,260	**14,282**	**14,282**	0.2%	0.7%
International Falls *	**6,424**	6,424	6,047	**6,424**	0.0%	-5.9%
Inver Grove Heights	33,880	35,381	**35,321**	**35,321**	-0.2%	4.3%
Isanti	5,251	6,031	**6,233**	**6,233**	3.3%	18.7%
Jordan	5,470	6,155	**6,497**	**6,497**	5.6%	18.8%
Kasson	5,931	6,504	**6,549**	**6,549**	0.7%	10.4%
LaCrescent	4,883	5,174	**5,182**	**5,182**	0.2%	6.1%
Lake City	5,063	5,179	**5,177**	**5,177**	0.0%	2.3%
Lake Elmo	8,069	10,521	**11,105**	**11,105**	5.6%	37.6%
Lakeville	55,954	64,334	**65,831**	**65,831**	2.3%	17.7%
Lino Lakes	20,216	21,347	**21,995**	**21,995**	3.0%	8.8%
Litchfield	6,726	6,763	**6,786**	**6,786**	0.3%	0.9%
Little Canada	9,773	10,386	**10,580**	**10,580**	1.9%	8.3%
Little Falls	8,347	8,934	**8,929**	**8,929**	-0.1%	7.0%
Mahtomedi	7,676	8,040	**8,021**	**8,021**	-0.2%	4.5%
Mankato	39,313	43,571	**44,389**	**44,389**	1.9%	12.9%
Maple Grove	61,567	66,903	**68,101**	**68,101**	1.8%	10.6%
Maplewood	38,018	40,710	**41,738**	**41,738**	2.5%	9.8%
Marshall	13,680	13,783	**13,835**	**13,835**	0.4%	1.1%
Medina	4,916	6,646	**6,788**	**6,788**	2.1%	38.1%
Mendota Heights	11,071	11,392	**11,747**	**11,747**	3.1%	6.1%
Minneapolis	382,578	428,483	**435,885**	**435,885**	1.7%	13.9%
Minnetonka	49,734	53,713	**54,141**	**54,141**	0.8%	8.9%
Minnetrista	6,384	7,692	**8,108**	**8,108**	5.4%	27.0%
Montevideo *	**5,383**	5,383	5,246	**5,383**	0.0%	-2.5%
Monticello	12,759	13,782	**13,886**	**13,886**	0.8%	8.8%
Moorhead	38,065	43,522	**44,167**	**44,167**	1.5%	16.0%
Morris	5,286	5,452	**5,498**	**5,498**	0.8%	4.0%
Mound	9,052	9,347	**9,447**	**9,447**	1.1%	4.4%
Mounds View	12,155	13,328	**13,513**	**13,513**	1.4%	11.2%
New Brighton	21,456	23,119	**23,427**	**23,427**	1.3%	9.2%
New Hope	20,339	21,790	**22,376**	**22,376**	2.7%	10.0%
New Prague	7,321	8,056	**8,248**	**8,248**	2.4%	12.7%
New Ulm	13,522	13,645	**13,562**	**13,562**	-0.6%	0.3%
North Branch	10,125	10,726	**10,918**	**10,918**	1.8%	7.8%
North Mankato	13,394	14,059	**14,114**	**14,114**	0.4%	5.4%
North St. Paul	11,460	12,159	**12,161**	**12,161**	0.0%	6.1%
Northfield	20,007	20,426	**20,494**	**20,494**	0.3%	2.4%
Oak Grove	8,031	8,689	**8,868**	**8,868**	2.1%	10.4%

Municipality	2010 Census	Population used for the last Allocation	2019 Population Estimates (Released July 2020)	Population to be used for 2021 Allocation	% Change in Population used for 2020 & 2021 Allocation	% Change in Population from 2010 to 2019
Oakdale	27,378	28,315	**27,930**	**27,930**	-1.4%	2.0%
Orono	7,437	8,102	**8,284**	**8,284**	2.2%	11.4%
Otsego	13,571	17,323	**18,130**	**18,130**	4.7%	33.6%
Owatonna	25,599	26,087	**26,314**	**26,314**	0.9%	2.8%
Plymouth	70,576	78,351	**79,475**	**79,475**	1.4%	12.6%
Prior Lake	22,796	26,135	**27,005**	**27,005**	3.3%	18.5%
Ramsey	23,668	27,051	**27,263**	**27,263**	0.8%	15.2%
Red Wing *	**16,459**	16,522	16,443	**16,459**	-0.4%	-0.1%
Redwood Falls *	**5,256**	5,256	5,236	**5,256**	0.0%	-0.4%
Richfield	35,228	36,436	**36,993**	**36,993**	1.5%	5.0%
Robbinsdale	13,953	14,776	**14,741**	**14,741**	-0.2%	5.6%
Rochester	106,750	117,444	**119,969**	**119,969**	2.2%	12.4%
Rogers	11,197	12,991	**13,232**	**13,232**	1.9%	18.2%
Rosemount	21,874	24,342	**25,202**	**25,202**	3.5%	15.2%
Roseville	33,660	36,272	**36,644**	**36,644**	1.0%	8.9%
Sartell	15,887	18,757	**19,107**	**19,107**	1.9%	20.3%
Sauk Rapids	12,773	13,954	**14,244**	**14,244**	2.1%	11.5%
Savage	26,911	31,407	**32,245**	**32,245**	2.7%	19.8%
Shakopee	37,076	41,506	**41,528**	**41,528**	0.1%	12.0%
Shoreview	25,043	26,480	**26,695**	**26,695**	0.8%	6.6%
Shorewood	7,307	7,693	**7,934**	**7,934**	3.1%	8.6%
South St. Paul	20,160	20,878	**20,774**	**20,774**	-0.5%	3.0%
Spring Lake Park	6,412	6,412	**6,699**	**6,699**	4.5%	4.5%
St. Anthony	8,226	9,067	**9,020**	**9,020**	-0.5%	9.7%
St. Cloud	65,842	68,202	**68,524**	**68,524**	0.5%	4.1%
St. Francis	7,218	7,872	**8,049**	**8,049**	2.2%	11.5%
St. Joseph	6,534	7,318	**7,342**	**7,342**	0.3%	12.4%
St. Louis Park	45,250	48,910	**49,834**	**49,834**	1.9%	10.1%
St. Michael	16,399	17,835	**18,157**	**18,157**	1.8%	10.7%
St. Paul	285,068	313,010	**315,925**	**315,925**	0.9%	10.8%
St. Paul Park	5,279	5,617	**5,611**	**5,611**	-0.1%	6.3%
St. Peter	11,196	11,967	**12,033**	**12,033**	0.6%	7.5%
Stewartville	5,916	6,237	**6,284**	**6,284**	0.8%	6.2%
Stillwater	18,225	19,915	**19,767**	**19,767**	-0.7%	8.5%
Thief River Falls	8,573	8,940	**9,071**	**9,071**	1.5%	5.8%
Vadnais Heights	12,302	13,198	**13,338**	**13,338**	1.1%	8.4%
Victoria	7,379	9,918	**10,585**	**10,585**	6.7%	43.4%
Virginia *	**8,712**	8,712	8,374	**8,712**	0.0%	-3.9%
Waconia	10,697	13,124	**13,277**	**13,277**	1.2%	24.1%
Waite Park	6,715	7,777	**7,801**	**7,801**	0.3%	16.2%
Waseca *	**9,412**	9,412	8,996	**9,412**	0.0%	-4.4%
West St. Paul	19,540	21,053	**21,205**	**21,205**	0.7%	8.5%
White Bear Lake	23,797	25,458	**25,752**	**25,752**	1.2%	8.2%
Willmar	19,610	20,096	**20,226**	**20,226**	0.6%	3.1%
Winona *	**27,614**	27,614	27,252	**27,614**	0.0%	-1.3%
Woodbury	61,961	70,840	**71,616**	**71,616**	1.1%	15.6%
Worthington	12,764	13,510	**13,522**	**13,522**	0.1%	5.9%
Wyoming	7,791	8,037	**8,123**	**8,123**	1.1%	4.3%
Zimmerman	5,228	5,734	**5,876**	**5,876**	2.5%	12.4%
Total	**3,690,202**	**4,003,425**	**4,049,896**	**4,052,079**	1.2%	**9.7%**

* using 2010 census figure

POPULATION CHANGE

from 2015 to 2020

City	Pop 2015	Pop 2020	% Change
ALBERT LEA	17,945	18,132	1.0
ALBERTVILLE	7,262	7,519	3.5
ALEXANDRIA	13,182	14,156	7.4
ANDOVER	31,874	32,882	3.2
ANOKA	17,586	18,728	6.5
APPLE VALLEY	50,330	54,400	8.1
ARDEN HILLS	9,652	10,008	3.7
AUSTIN	25,097	25,679	2.3
BAXTER	8,018	8,555	6.7
BELLE PLAINE	6,572	7,250	10.3
BEMIDJI	14,784	16,318	10.4
BIG LAKE	10,587	11,551	9.1
BLAINE	62,066	67,939	9.5
BLOOMINGTON	86,652	90,271	4.2
BRAINERD	13,659	13,755	0.7
BROOKLYN CENTER	29,889	32,722	9.5
BROOKLYN PARK	78,362	82,444	5.2
BUFFALO	15,913	16,558	4.1
BURNSVILLE	61,747	62,785	1.7
BYRON	5,264	5,945	12.9
CAMBRIDGE	8,338	9,249	10.9
CHAMPLIN	22,880	24,231	5.9
CHANHASSEN	24,503	26,278	7.2
CHASKA	25,270	27,692	9.6
CHISAGO CITY	5,069	5,501	8.5
CHISHOLM	5,029	4,925	(2.1)
CIRCLE PINES	4,961	5,061	2.0
CLOQUET	12,258	12,374	0.9
COLUMBIA HEIGHTS	19,709	21,124	7.2
COON RAPIDS	62,435	63,968	2.5
CORCORAN	5,513	5,986	8.6
COTTAGE GROVE	35,250	37,795	7.2
CROOKSTON	7,902	8,019	1.5
CRYSTAL	22,436	23,262	3.7
DAYTON	5,011	6,320	26.1
DELANO	5,757	6,282	9.1
DETROIT LAKES	9,112	9,744	6.9
DULUTH	86,367	87,306	1.1
EAGAN	66,810	69,231	3.6
EAST BETHEL	11,591	12,184	5.1
EAST GRAND FORKS	8,731	8,893	1.9
EDEN PRAIRIE	62,593	64,567	3.2
EDINA	50,261	53,268	6.0
ELK RIVER	23,730	25,243	6.4
FAIRMONT	10,464	10,299	(1.6)
FALCON HEIGHTS	5,398	5,446	0.9
FARIBAULT	23,631	23,912	1.2
FARMINGTON	22,386	23,123	3.3
FERGUS FALLS	13,280	13,766	3.7
FOREST LAKE	19,484	20,798	6.7

City	Pop 2015	Pop 2020	% Change
FRIDLEY	27,952	29,374	5.1
GLENCOE	5,552	5,607	1.0
GOLDEN VALLEY	20,790	22,715	9.3
GRAND RAPIDS	11,114	11,390	2.5
HAM LAKE	15,666	16,706	6.6
HASTINGS	22,492	22,965	2.1
HERMANTOWN	9,726	9,603	(1.3)
HIBBING	16,340	16,310	(0.2)
HOPKINS	18,971	19,555	3.1
HUGO	14,201	15,388	8.4
HUTCHINSON	14,124	14,282	1.1
INTERNATIONAL FALLS	6,333	6,047	(4.5)
INVER GROVE HEIGHTS	34,831	35,321	1.4
ISANTI	5,409	6,233	15.2
JORDAN	6,148	6,497	5.7
KASSON	6,124	6,549	6.9
LA CRESCENT	5,079	5,182	2.0
LAKE CITY	5,031	5,177	2.9
LAKE ELMO	8,594	11,105	29.2
LAKEVILLE	59,361	65,831	10.9
LINO LAKES	21,129	21,995	4.1
LITCHFIELD	6,741	6,786	0.7
LITTLE CANADA	9,912	10,580	6.7
LITTLE FALLS	8,807	8,929	1.4
MAHTOMEDI	8,043	8,021	(0.3)
MANKATO	41,202	44,389	7.7
MAPLE GROVE	64,448	68,101	5.7
MAPLEWOOD	39,054	41,738	6.9
MARSHALL	13,719	13,835	0.8
MEDINA	5,831	6,788	16.4
MENDOTA HEIGHTS	11,124	11,747	5.6
MINNEAPOLIS	411,273	435,885	6.0
MINNETONKA	51,144	54,141	5.9
MINNETRISTA	6,763	8,108	19.9
MONTEVIDEO	5,327	5,246	(1.5)
MONTICELLO	13,125	13,886	5.8
MOORHEAD	41,181	44,167	7.3
MORRIS	5,436	5,498	1.1
MOUND	9,318	9,447	1.4
MOUNDS VIEW	12,444	13,513	8.6
NEW BRIGHTON	22,084	23,427	6.1
NEW HOPE	20,812	22,376	7.5
NEW PRAGUE	7,439	8,248	10.9
NEW ULM	13,519	13,562	0.3
NORTH BRANCH	10,286	10,918	6.1
NORTH MANKATO	13,610	14,114	3.7
NORTH ST PAUL	12,006	12,161	1.3
NORTHFIELD	20,313	20,494	0.9
OAK GROVE	8,337	8,868	6.4
OAKDALE	28,655	27,930	(2.5)

City	Pop 2015	Pop 2020	% Change
ORONO	7,785	8,284	6.4
OTSEGO	14,968	18,130	21.1
OWATONNA	25,663	26,314	2.5
PLYMOUTH	73,633	79,475	7.9
PRIOR LAKE	24,911	27,005	8.4
RAMSEY	24,811	27,263	9.9
RED WING	16,505	16,443	(0.4)
REDWOOD FALLS	5,207	5,236	0.6
RICHFIELD	36,157	36,993	2.3
ROBBINSDALE	14,512	14,741	1.6
ROCHESTER	111,008	119,969	8.1
ROGERS	12,230	13,232	8.2
ROSEMOUNT	22,490	25,202	12.1
ROSEVILLE	34,719	36,644	5.5
SARTELL	16,949	19,107	12.7
SAUK RAPIDS	13,307	14,244	7.0
SAVAGE	29,047	32,245	11.0
SHAKOPEE	39,523	41,528	5.1
SHOREVIEW	25,723	26,695	3.8
SHOREWOOD	7,425	7,934	6.9
SOUTH ST PAUL	20,146	20,774	3.1
SPRING LAKE PARK	6,513	6,699	2.9
ST ANTHONY	8,965	9,020	0.6
ST CLOUD	66,462	68,524	3.1
ST FRANCIS	7,296	8,049	10.3
ST JOSEPH	6,805	7,342	7.9
ST LOUIS PARK	47,933	49,834	4.0
ST MICHAEL	16,983	18,157	6.9
ST PAUL	299,641	315,925	5.4
ST PAUL PARK	5,314	5,611	5.6
ST PETER	11,758	12,033	2.3
STEWARTVILLE	6,219	6,284	1.0
STILLWATER	18,892	19,767	4.6
THIEF RIVER FALLS	8,722	9,071	4.0
VADNAIS HEIGHTS	12,583	13,338	6.0
VICTORIA	8,462	10,585	25.1
VIRGINIA	8,640	8,374	(3.1)
WACONIA	11,524	13,277	15.2
WAITE PARK	7,473	7,801	4.4
WASECA	9,365	8,996	(3.9)
WEST ST PAUL	19,800	21,205	7.1
WHITE BEAR LAKE	24,159	25,752	6.6
WILLMAR	19,731	20,226	2.5
WINONA	27,581	27,252	(1.2)
WOODBURY	66,119	71,616	8.3
WORTHINGTON	12,986	13,522	4.1
WYOMING	7,854	8,123	3.4
ZIMMERMAN	5,297	5,876	10.9
Total	**3,839,316**	**4,049,896**	**5.5**

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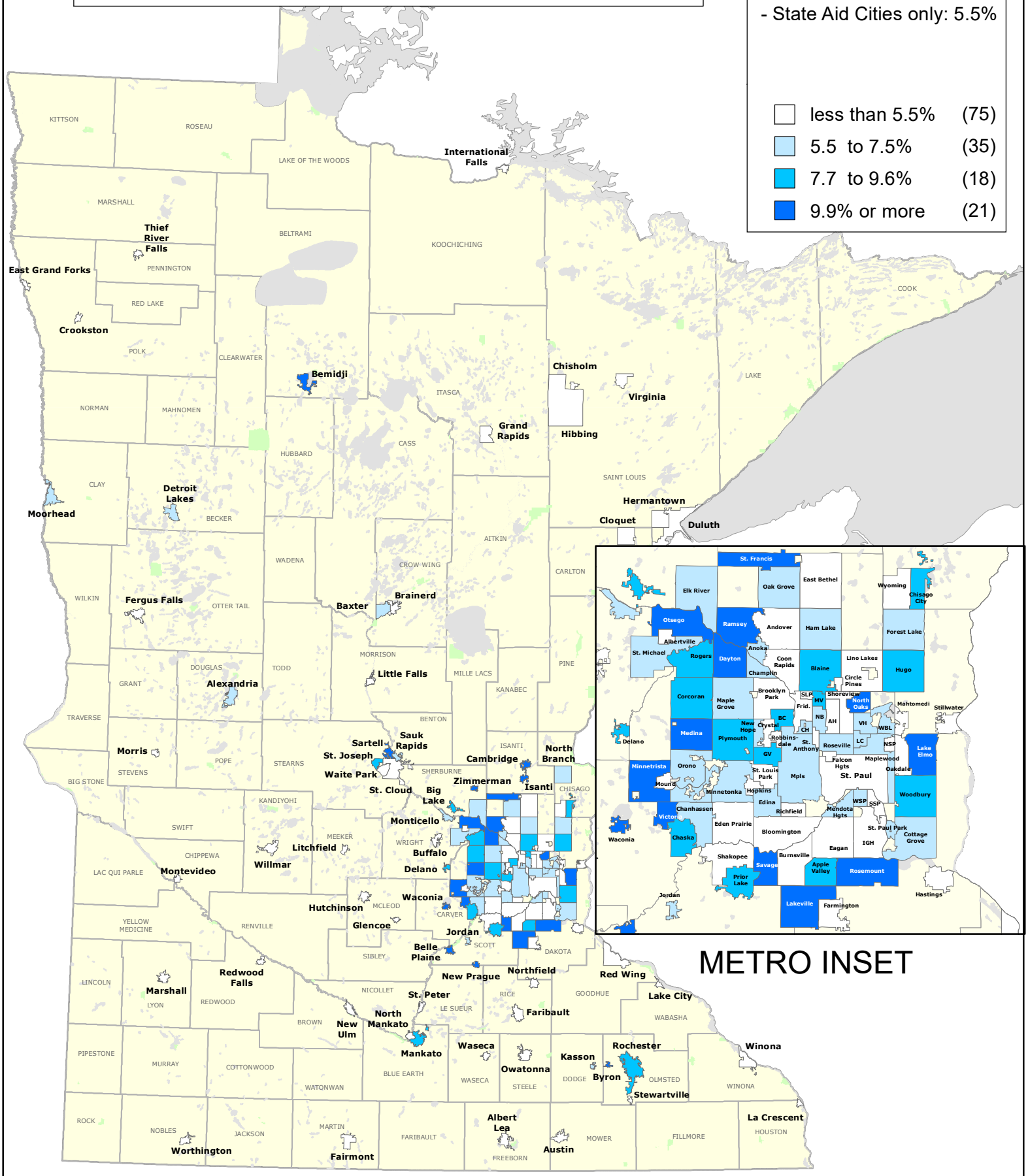
Percentage Change in Population for State Aid Cities, 2015 - 2020

Legend

- State Growth: 4.2%
- State Aid Cities only: 5.5%

less than 5.5%	(75)
5.5 to 7.5%	(35)
7.7 to 9.6%	(18)
9.9% or more	(21)



METRO INSET

Data Sources: Met Council / MN State Demographer's Office
2014 figures released in 2015; 2019 figures released in 2020

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 2020 and will be used in determining each city's share of the 2021 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 2020. Those changes would be minor and will be presented in the January 2021 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 2020 population apportionment was $105,122,868. For 2021, we are forecasting a 15% reduction from that amount, so this report is distributing a tentative amount of $89,354,438 for 2021. Based on this amount, each city will earn approximately $22.05 per capita in apportionment (over $4 less per person than in 2020). This projection will be revised when the actual revenue for the 2021 apportionment becomes available in January.

TENTATIVE 2021 POPULATION ALLOCATIONS

Total population distribution for 2021 is estimated to be 15% less than the 2020 distribution

Municipality	Population used for 2020	Population used for 2021	2020 Population Allocations (last year)	2021 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Albert Lea	18,165	18,132	$476,981	**$399,838**	($77,143)	(16.2)
Albertville	7,485	7,519	196,543	**165,805**	(30,738)	(15.6)
Alexandria	13,956	14,156	366,460	**312,161**	(54,299)	(14.8)
Andover	32,728	32,882	859,379	**725,098**	(134,281)	(15.6)
Anoka	18,573	18,728	487,694	**412,981**	(74,713)	(15.3)
Apple Valley	53,429	54,400	1,402,951	**1,199,602**	(203,349)	(14.5)
Arden Hills	9,889	10,008	259,668	**220,691**	(38,977)	(15.0)
Austin	25,589	25,679	671,922	**566,261**	(105,661)	(15.7)
Baxter	8,478	8,555	222,617	**188,651**	(33,966)	(15.3)
Belle Plaine	7,408	7,250	194,521	**159,873**	(34,648)	(17.8)
Bemidji	15,462	16,318	406,005	**359,836**	(46,169)	(11.4)
Big Lake	11,456	11,551	300,814	**254,717**	(46,097)	(15.3)
Blaine	66,667	67,939	1,750,558	**1,498,157**	(252,401)	(14.4)
Bloomington	89,654	90,271	2,354,156	**1,990,611**	(363,545)	(15.4)
Brainerd	13,732	13,755	360,578	**303,318**	(57,260)	(15.9)
Brooklyn Center	32,299	32,722	848,115	**721,569**	(126,546)	(14.9)
Brooklyn Park	81,679	82,444	2,144,746	**1,818,014**	(326,732)	(15.2)
Buffalo	16,479	16,558	432,709	**365,129**	(67,580)	(15.6)
Burnsville	62,657	62,785	1,645,262	**1,384,504**	(260,758)	(15.8)
Byron	5,770	5,945	151,510	**131,096**	(20,414)	(13.5)

Municipality	Population used for 2020	Population used for 2021	2020 Population Allocations (last year)	2021 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Cambridge	8,979	9,249	$235,773	**$203,954**	($31,819)	(13.5)
Champlin	23,927	24,231	628,281	**534,330**	(93,951)	(15.0)
Chanhassen	26,266	26,278	689,699	**579,469**	(110,230)	(16.0)
Chaska	27,622	27,692	725,305	**610,650**	(114,655)	(15.8)
Chisago City	5,414	5,501	142,162	**121,305**	(20,857)	(14.7)
Chisholm	5,000	5,000	131,291	**110,258**	(21,033)	(16.0)
Circle Pines	5,076	5,061	133,287	**111,603**	(21,684)	(16.3)
Cloquet	12,347	12,374	324,210	**272,865**	(51,345)	(15.8)
Columbia Heights	20,840	21,124	547,222	**465,816**	(81,406)	(14.9)
Coon Rapids	63,899	63,968	1,677,875	**1,410,591**	(267,284)	(15.9)
Corcoran	5,831	5,986	153,112	**132,000**	(21,112)	(13.8)
Cottage Grove	37,341	37,795	980,509	**833,437**	(147,072)	(15.0)
Crookston	8,021	8,019	210,617	**176,831**	(33,786)	(16.0)
Crystal	23,287	23,262	611,475	**512,962**	(98,513)	(16.1)
Dayton	6,072	6,320	159,440	**139,366**	(20,074)	(12.6)
Delano	6,187	6,282	162,460	**138,528**	(23,932)	(14.7)
Detroit Lakes	9,477	9,744	248,849	**214,870**	(33,979)	(13.7)
Duluth	87,213	87,306	2,290,059	**1,925,229**	(364,830)	(15.9)
Eagan	68,347	69,231	1,794,671	**1,526,648**	(268,023)	(14.9)
East Bethel	12,029	12,184	315,860	**268,676**	(47,184)	(14.9)
East Grand Forks	8,875	8,893	233,042	**196,104**	(36,938)	(15.9)
Eden Prairie	63,456	64,567	1,666,242	**1,423,799**	(242,443)	(14.6)
Edina	52,535	53,268	1,379,476	**1,174,639**	(204,837)	(14.8)
Elk River	24,891	25,243	653,594	**556,646**	(96,948)	(14.8)
Fairmont	10,666	10,666	280,070	**235,201**	(44,869)	(16.0)
Falcon Heights	5,479	5,446	143,869	**120,092**	(23,777)	(16.5)
Faribault	23,884	23,912	627,152	**527,296**	(99,856)	(15.9)
Farmington	22,880	23,123	600,788	**509,897**	(90,891)	(15.1)
Fergus Falls	13,747	13,766	360,972	**303,561**	(57,411)	(15.9)
Forest Lake	20,598	20,798	540,867	**458,627**	(82,240)	(15.2)
Fridley	28,824	29,374	756,867	**647,741**	(109,126)	(14.4)
Glencoe	5,631	5,631	147,860	**124,172**	(23,688)	(16.0)
Golden Valley	21,580	22,715	566,653	**500,900**	(65,753)	(11.6)
Grand Rapids	11,392	11,390	299,134	**251,167**	(47,967)	(16.0)
Ham Lake	16,394	16,706	430,477	**368,392**	(62,085)	(14.4)
Hastings	23,139	22,965	607,589	**506,413**	(101,176)	(16.7)
Hermantown	9,731	9,603	255,519	**211,761**	(43,758)	(17.1)
Hibbing	16,361	16,361	429,611	**360,785**	(68,826)	(16.0)
Hopkins	19,713	19,555	517,629	**431,217**	(86,412)	(16.7)
Hugo	15,247	15,388	400,359	**339,329**	(61,030)	(15.2)
Hutchinson	14,260	14,282	374,442	**314,940**	(59,502)	(15.9)
International Falls	6,424	6,424	168,683	**141,659**	(27,024)	(16.0)
Inver Grove Heights	35,381	35,321	929,043	**778,881**	(150,162)	(16.2)
Isanti	6,031	6,233	158,363	**137,447**	(20,916)	(13.2)
Jordan	6,155	6,497	161,619	**143,269**	(18,350)	(11.4)
Kasson	6,504	6,549	170,784	**144,415**	(26,369)	(15.4)
LaCrescent	5,174	5,182	135,860	**114,271**	(21,589)	(15.9)
Lake City	5,179	5,177	135,991	**114,161**	(21,830)	(16.1)
Lake Elmo	10,521	11,105	276,263	**244,882**	(31,381)	(11.4)

Municipality	Population used for 2020	Population used for 2021	2020 Population Allocations (last year)	2021 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Lakeville	64,334	65,831	$1,689,297	**$1,451,672**	($237,625)	(14.1)
Lino Lakes	21,347	21,995	560,535	**485,023**	(75,512)	(13.5)
Litchfield	6,763	6,786	177,584	**149,642**	(27,942)	(15.7)
Little Canada	10,386	10,580	272,718	**233,305**	(39,413)	(14.5)
Little Falls	8,934	8,929	234,591	**196,898**	(37,693)	(16.1)
Mahtomedi	8,040	8,021	211,116	**176,875**	(34,241)	(16.2)
Mankato	43,571	44,389	1,144,097	**978,844**	(165,253)	(14.4)
Maple Grove	66,903	68,101	1,756,755	**1,501,729**	(255,026)	(14.5)
Maplewood	40,710	41,738	1,068,973	**920,386**	(148,587)	(13.9)
Marshall	13,783	13,835	361,917	**305,083**	(56,834)	(15.7)
Medina	6,646	6,788	174,512	**149,686**	(24,826)	(14.2)
Mendota Heights	11,392	11,747	299,134	**259,039**	(40,095)	(13.4)
Minneapolis	428,483	435,885	11,251,207	**9,611,919**	(1,639,288)	(14.6)
Minnetonka	53,713	54,141	1,410,408	**1,193,890**	(216,518)	(15.4)
Minnetrista	7,692	8,108	201,978	**178,794**	(23,184)	(11.5)
Montevideo	5,383	5,383	141,348	**118,703**	(22,645)	(16.0)
Monticello	13,782	13,886	361,891	**306,207**	(55,684)	(15.4)
Moorhead	43,522	44,167	1,142,811	**973,949**	(168,862)	(14.8)
Morris	5,452	5,498	143,160	**121,239**	(21,921)	(15.3)
Mound	9,347	9,447	245,436	**208,321**	(37,115)	(15.1)
Mounds View	13,328	13,513	349,970	**297,982**	(51,988)	(14.9)
New Brighton	23,119	23,427	607,064	**516,601**	(90,463)	(14.9)
New Hope	21,790	22,376	572,167	**493,424**	(78,743)	(13.8)
New Prague	8,056	8,248	211,536	**181,881**	(29,655)	(14.0)
New Ulm	13,645	13,562	358,294	**299,063**	(59,231)	(16.5)
North Branch	10,726	10,918	281,646	**240,758**	(40,888)	(14.5)
North Mankato	14,059	14,114	369,165	**311,235**	(57,930)	(15.7)
North St. Paul	12,159	12,161	319,274	**268,168**	(51,106)	(16.0)
Northfield	20,426	20,494	536,351	**451,924**	(84,427)	(15.7)
Oak Grove	8,689	8,868	228,158	**195,553**	(32,605)	(14.3)
Oakdale	28,315	27,930	743,502	**615,899**	(127,603)	(17.2)
Orono	8,102	8,284	212,744	**182,675**	(30,069)	(14.1)
Otsego	17,323	18,130	454,871	**399,794**	(55,077)	(12.1)
Owatonna	26,087	26,314	684,999	**580,263**	(104,736)	(15.3)
Plymouth	78,351	79,475	2,057,359	**1,752,543**	(304,816)	(14.8)
Prior Lake	26,135	27,005	686,259	**595,501**	(90,758)	(13.2)
Ramsey	27,051	27,263	710,311	**601,190**	(109,121)	(15.4)
Red Wing	16,522	16,459	433,839	**362,946**	(70,893)	(16.3)
Redwood Falls	5,256	5,256	138,013	**115,903**	(22,110)	(16.0)
Richfield	36,436	36,993	956,745	**815,751**	(140,994)	(14.7)
Robbinsdale	14,776	14,741	387,992	**325,061**	(62,931)	(16.2)
Rochester	117,444	119,969	3,083,872	**2,645,496**	(438,376)	(14.2)
Rogers	12,991	13,232	341,121	**291,786**	(49,335)	(14.5)
Rosemount	24,342	25,202	639,178	**555,742**	(83,436)	(13.1)
Roseville	36,272	36,644	952,439	**808,055**	(144,384)	(15.2)
Sartell	18,757	19,107	492,526	**421,338**	(71,188)	(14.5)
Sauk Rapids	13,954	14,244	366,407	**314,102**	(52,305)	(14.3)
Savage	31,407	32,245	824,692	**711,051**	(113,641)	(13.8)
Shakopee	41,506	41,528	1,089,874	**915,755**	(174,119)	(16.0)

Municipality	Population used for 2020	Population used for 2021	2020 Population Allocations (last year)	2021 Population Allocations (this year)	Difference Between last two Allocations	Allocation % Change
Shoreview	26,480	26,695	$695,318	**$588,665**	($106,653)	(15.3)
Shorewood	7,693	7,934	202,005	**174,957**	(27,048)	(13.4)
South St. Paul	20,878	20,774	548,219	**458,098**	(90,121)	(16.4)
Spring Lake Park	6,412	6,699	168,368	**147,723**	(20,645)	(12.3)
St. Anthony	9,067	9,020	238,083	**198,905**	(39,178)	(16.5)
St. Cloud	68,202	68,524	1,790,864	**1,511,056**	(279,808)	(15.6)
St. Francis	7,872	8,049	206,705	**177,493**	(29,212)	(14.1)
St. Joseph	7,318	7,342	192,158	**161,902**	(30,256)	(15.7)
St. Louis Park	48,910	49,834	1,284,290	**1,098,914**	(185,376)	(14.4)
St. Michael	17,835	18,157	468,316	**400,389**	(67,927)	(14.5)
St. Paul	313,010	315,925	8,219,090	**6,966,621**	(1,252,469)	(15.2)
St. Paul Park	5,617	5,611	147,492	**123,731**	(23,761)	(16.1)
St. Peter	11,967	12,033	314,232	**265,346**	(48,886)	(15.6)
Stewartville	6,237	6,284	163,773	**138,572**	(25,201)	(15.4)
Stillwater	19,915	19,767	522,933	**435,892**	(87,041)	(16.6)
Thief River Falls	8,940	9,071	234,749	**200,029**	(34,720)	(14.8)
Vadnais Heights	13,198	13,338	346,556	**294,123**	(52,433)	(15.1)
Victoria	9,918	10,585	260,429	**233,415**	(27,014)	(10.4)
Virginia	8,712	8,712	228,762	**192,113**	(36,649)	(16.0)
Waconia	13,124	13,277	344,613	**292,778**	(51,835)	(15.0)
Waite Park	7,777	7,801	204,210	**172,024**	(32,186)	(15.8)
Waseca	9,412	9,412	247,142	**207,549**	(39,593)	(16.0)
West St. Paul	21,053	21,205	552,815	**467,602**	(85,213)	(15.4)
White Bear Lake	25,458	25,752	668,482	**567,870**	(100,612)	(15.1)
Willmar	20,096	20,226	527,685	**446,014**	(81,671)	(15.5)
Winona	27,614	27,614	725,095	**608,930**	(116,165)	(16.0)
Woodbury	70,840	71,616	1,860,133	**1,579,240**	(280,893)	(15.1)
Worthington	13,510	13,522	354,749	**298,180**	(56,569)	(15.9)
Wyoming	8,037	8,123	211,037	**179,124**	(31,913)	(15.1)
Zimmerman	5,734	5,876	150,565	**129,575**	(20,990)	(13.9)
Total	4,003,425	4,052,079	**$105,122,868**	**$89,354,438**	**(15,768,430)**	**(15.0)**

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

2020 $\frac{\$105,122,868}{4,003,425}$ $26.26 per person

2021 $\frac{\$89,354,438}{4,052,079}$ $22.05 per person

The population increase from 2020 and 2021 for allocation purposes is **48,654** (1.2% increase overall)

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

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NOTES AND COMMENTS

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 2021 apportionment. Allocations in this report are tentative and will be based off an amount of **$178,708,876**. This tentative amount is based on an estimated 15% reduction to the 2020 total apportionment amount of $210,245,736. This report does not assume any other changes to revenue sources that make up the Highway User's Fund. (In a typical October Needs report, we'd use the previous year's apportionment total. This usually makes for a conservative January forecast and allows us to better see effects of changes in Construction Needs).

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

Tentative Maintenance and Construction allocations are not provided in this report. Cities have the 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

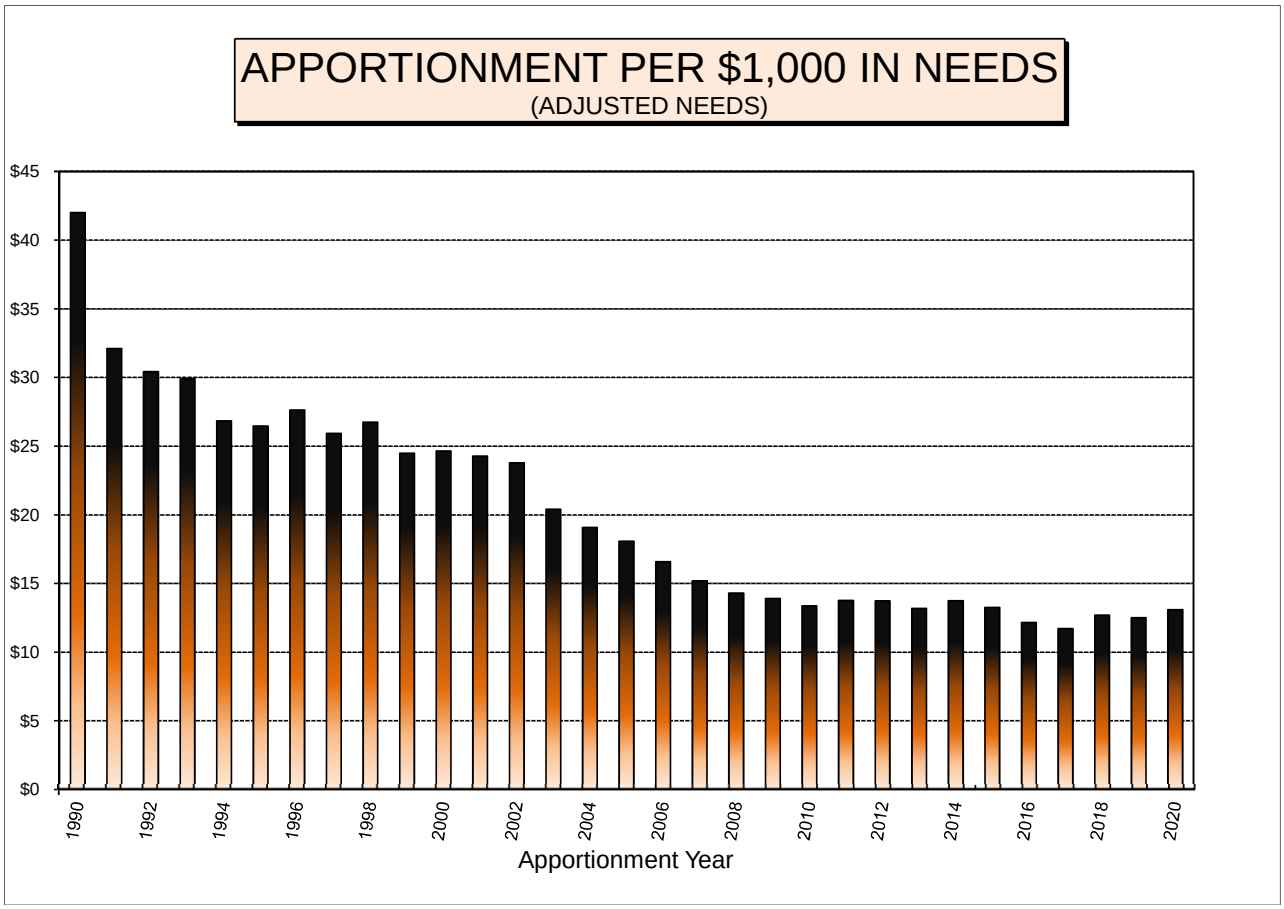
Appt. Year	Number of of Municipalities	Needs Mileage	Actual Construction Needs	Total Apportionment	Adjusted Construction Needs	Total Apportionment Per Needs Mileage	Apportionment Per $1000 of Adjusted Needs
1958	58	920.40	$190,373,337	$7,286,074	$190,373,337	$7,916.20	$19.14
1959	59	938.36	195,749,800	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 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	3789.02	7,940,156,059	210,245,736	*8,032,517,535	55,488.16	13.09
2021	148	3812.42	8,135,134,488	*178,708,876*	*8,229,242,184	46,875.44	10.86

Figures for 2021 are estimates (total apportionment base on 15% reduction from 2020)

* Amounts reflect the Adjusted Restricted Construction Needs dollars.

** Needs were frozen in 2013.



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**	13.09	(31.60)
						2021	*10.86*	

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

2020 ITEMIZED TABULATION OF NEEDS

The 2020 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 1.8% was applied to most of the unit costs in the Needs Study. See Screening Board Resolutions for all of the unit prices used in the 2020 Needs computation.)

The "*2020 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 city 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 $2,133,851 (up from $2,095,516 last year). East Bethel currently has the lowest cost per mile at $1,407,311 while Minneapolis has the highest cost at $2,927,977 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.

2020 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	$5,456,607	$4,522,889	$6,059,654	$7,545,069	$4,499,333	$7,356,858	$1,215,780	$2,431,000	$2,192,948	$9,081,629	$50,361,767	24.31	$2,071,648
242	ALBERTVILLE	1,644,125	1,416,341	1,786,788	2,285,665	1,403,077	2,311,372	105,720	769,000	0	2,578,859	14,300,947	7.69	1,859,681
102	ALEXANDRIA	7,568,679	6,224,497	8,412,909	10,520,164	5,981,548	9,978,434	2,431,560	3,337,000	71,561	11,995,812	66,522,164	33.37	1,993,472
198	ANDOVER	7,480,962	7,765,670	6,901,153	11,274,363	8,079,112	10,299,295	1,004,340	4,388,000	525,611	12,698,076	70,416,582	43.88	1,604,753
103	ANOKA	3,569,992	3,062,496	3,769,124	5,337,561	3,018,897	4,636,435	1,004,340	1,656,000	2,566,060	6,296,596	34,917,501	16.56	2,108,545
186	APPLE VALLEY	10,198,628	7,259,366	12,206,276	14,305,582	7,006,586	11,001,828	3,858,780	3,750,000	0	15,309,149	84,896,195	37.50	2,263,899
187	ARDEN HILLS	1,366,112	1,361,115	1,316,421	2,020,872	1,369,671	1,960,106	211,440	763,000	74,814	2,297,580	12,741,131	7.63	1,669,873
104	AUSTIN	6,894,616	5,668,615	7,653,141	9,700,545	5,578,894	8,950,488	2,907,300	3,041,000	4,469,319	12,070,065	66,933,983	30.41	2,201,052
230	BAXTER	4,375,077	3,314,482	5,168,388	5,875,981	3,418,019	5,310,076	740,040	1,746,000	0	6,588,573	36,536,636	17.46	2,092,591
239	BELLE PLAINE	1,832,913	1,655,222	1,931,579	2,588,491	1,599,998	2,533,387	0	910,000	1,020,241	3,095,803	17,167,634	9.10	1,886,553
105	BEMIDJI	4,219,069	3,534,261	4,612,080	5,929,196	3,342,412	5,620,290	1,057,200	1,901,000	2,013,471	7,090,376	39,319,355	19.01	2,068,351
232	BIG LAKE	1,936,897	2,034,612	1,742,552	2,965,828	2,018,458	2,978,933	105,720	1,148,000	0	3,284,822	18,215,822	11.48	1,586,744
106	BLAINE	12,546,234	9,604,185	14,679,432	16,957,360	10,920,429	14,471,933	2,907,300	5,071,000	777,032	19,345,682	107,280,587	50.71	2,115,571
107	BLOOMINGTON	21,536,557	14,887,342	25,980,958	30,580,358	17,069,008	23,031,619	11,919,930	7,612,000	3,348,834	34,312,652	190,279,258	76.12	2,499,728
108	BRAINERD	4,381,529	3,683,614	4,782,950	6,202,127	3,664,173	5,652,217	1,004,340	1,986,000	3,841,341	7,743,621	42,941,912	19.86	2,162,231
109	BROOKLYN CENTER	5,469,176	4,080,484	6,432,391	7,502,620	4,425,492	6,490,095	2,193,690	2,134,000	1,534,547	8,857,748	49,120,243	21.34	2,301,792
110	BROOKLYN PARK	15,752,083	11,629,227	18,741,338	21,251,637	11,553,393	18,421,034	4,757,400	6,071,000	159,195	23,833,982	132,170,289	60.71	2,177,076
213	BUFFALO	4,435,059	3,578,207	5,046,958	5,992,102	3,498,898	5,817,969	475,740	1,913,000	0	6,766,740	37,524,673	19.13	1,961,562
179	BURNSVILLE	12,656,206	8,753,177	15,288,403	17,891,304	9,698,449	13,615,819	5,444,580	4,477,000	0	19,321,490	107,146,428	44.77	2,393,264
249	BYRON	1,548,232	1,465,026	1,532,148	2,272,074	1,487,468	2,457,355	52,860	808,000	0	2,557,097	14,180,260	8.08	1,754,983
218	CAMBRIDGE	3,884,610	3,163,453	4,373,541	5,284,326	2,999,554	5,016,597	792,900	1,693,000	1,922,584	6,408,724	35,539,289	16.93	2,099,190
193	CHAMPLIN	4,648,947	3,755,029	5,225,841	6,502,361	4,235,601	5,728,249	1,268,640	2,007,000	846,503	7,527,998	41,746,169	20.07	2,080,028
194	CHANHASSEN	5,459,134	4,276,898	6,337,981	7,429,008	4,407,907	6,859,608	1,612,230	2,276,000	1,037,063	8,733,084	48,428,913	22.76	2,127,808
196	CHASKA	4,988,417	4,231,076	5,489,251	6,933,200	4,100,216	6,442,951	1,030,770	2,294,000	1,875,898	8,224,871	45,610,650	22.94	1,988,259
252	CHISAGO CITY	1,425,013	1,541,925	1,241,650	2,210,931	1,538,459	2,144,102	158,580	875,000	0	2,449,848	13,585,508	8.75	1,552,629
111	CHISHOLM	1,474,640	1,533,441	1,324,162	2,266,292	1,513,845	2,461,918	264,300	861,000	50,896	2,585,110	14,335,604	8.61	1,664,995
244	CIRCLE PINES	619,343	640,008	566,721	941,247	640,000	989,936	211,440	360,000	0	1,093,111	6,061,806	3.60	1,683,835
112	CLOQUET	4,312,021	4,110,500	4,285,900	6,293,966	4,098,456	6,114,490	845,760	2,278,000	650,556	7,257,724	40,247,373	22.78	1,766,785
113	COLUMBIA HEIGHTS	2,608,806	2,301,622	2,719,605	3,775,863	2,204,831	3,716,446	528,600	1,250,000	0	4,203,269	23,309,042	12.50	1,864,723
114	COON RAPIDS	11,825,227	8,856,682	13,746,821	16,684,641	8,872,080	13,872,797	4,334,520	4,632,000	4,018,906	19,105,605	105,949,279	46.32	2,287,333
215	CORCORAN	2,577,037	2,782,223	2,256,252	3,988,262	2,871,204	3,851,780	52,860	1,579,000	84,916	4,409,579	24,453,113	15.79	1,548,646
180	COTTAGE GROVE	8,660,349	7,160,446	9,438,314	12,595,172	7,727,464	10,690,102	1,427,220	3,842,000	330,636	13,611,775	75,483,478	38.42	1,964,692
115	CROOKSTON	2,251,125	2,100,502	2,275,212	3,260,987	2,036,047	3,302,830	264,300	1,158,000	4,079,368	4,560,243	25,288,614	11.58	2,183,818
116	CRYSTAL	3,307,719	3,179,017	3,147,893	5,173,924	3,220,214	5,007,469	740,040	1,757,000	0	5,617,322	31,150,598	17.57	1,772,942
229	DAYTON	1,616,942	1,848,772	1,332,984	2,556,739	1,992,085	2,302,248	105,720	1,062,000	0	2,819,848	15,637,338	10.62	1,472,442
247	DELANO	1,101,327	1,108,047	1,042,751	1,645,902	1,091,866	1,598,194	211,440	621,000	734,746	2,014,162	11,169,435	6.21	1,798,621
117	DETROIT LAKES	5,393,194	4,684,938	5,754,695	7,658,826	4,469,446	7,639,693	1,057,200	2,542,000	793,679	8,798,601	48,792,272	25.42	1,919,444
118	DULUTH	28,702,845	22,316,994	32,958,667	40,082,384	21,299,312	35,002,102	16,333,740	11,812,000	9,690,744	48,003,735	266,202,523	118.12	2,253,662
195	EAGAN	13,439,763	9,569,961	16,270,673	18,026,346	9,647,463	15,007,194	3,065,880	4,943,000	1,616,440	20,149,075	111,735,795	49.43	2,260,485

2020 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
203	EAST BETHEL	4,213,168	5,133,133	3,135,372	6,921,209	5,227,245	6,658,885	0	2,973,000	32,528	7,544,803	41,839,343	29.73	1,407,311
119	EAST GRAND FORKS	3,561,911	3,081,064	3,819,995	5,100,390	2,987,251	4,637,952	634,320	1,674,000	6,510,535	7,041,633	39,049,051	16.74	2,332,679
181	EDEN PRAIRIE	13,536,202	9,469,165	16,301,748	18,968,101	10,085,266	14,512,992	4,783,830	4,861,000	1,573,772	20,700,259	114,792,335	48.61	2,361,496
120	EDINA	11,582,630	7,986,005	14,127,248	15,967,929	7,876,913	12,423,627	4,968,840	4,085,000	3,936,056	18,249,932	101,204,180	40.85	2,477,459
204	ELK RIVER	8,672,366	7,282,293	9,457,740	12,297,387	7,521,755	11,263,375	1,744,380	3,923,000	2,135,354	14,145,484	78,443,134	39.23	1,999,570
123	FAIRMONT	4,461,335	3,726,024	4,981,399	6,093,609	3,555,160	5,862,071	1,162,920	2,012,000	1,213,862	7,275,045	40,343,425	20.12	2,005,140
124	FALCON HEIGHTS	599,371	589,561	580,340	886,118	578,459	860,684	264,300	329,000	0	1,031,326	5,719,159	3.29	1,738,346
125	FARIBAULT	6,752,464	5,278,095	7,790,452	9,168,087	4,917,804	8,506,454	898,620	2,797,000	5,535,276	11,361,734	63,005,986	27.97	2,252,627
212	FARMINGTON	3,583,474	3,113,143	3,845,807	5,065,808	3,119,118	4,505,656	52,860	1,695,000	1,084,898	5,734,467	31,800,231	16.95	1,876,120
126	FERGUS FALLS	6,111,866	4,945,482	6,832,257	8,583,395	4,858,015	7,767,434	2,061,540	2,640,000	3,464,594	10,398,210	57,662,793	26.40	2,184,197
214	FOREST LAKE	6,631,974	6,135,889	6,757,196	9,689,546	6,101,089	9,239,409	898,620	3,383,000	0	10,744,078	59,580,801	33.83	1,761,182
127	FRIDLEY	5,019,892	4,233,099	5,519,432	6,983,834	4,327,024	6,544,835	1,057,200	2,287,000	0	7,913,905	43,886,221	22.87	1,918,943
226	GLENCOE	1,710,985	1,534,213	1,790,809	2,431,685	1,475,159	2,442,153	0	839,000	0	2,689,281	14,913,285	8.39	1,777,507
128	GOLDEN VALLEY	5,801,942	4,493,198	6,695,437	7,975,649	4,483,512	7,178,940	2,854,440	2,374,000	1,042,994	9,438,021	52,338,133	23.74	2,204,639
129	GRAND RAPIDS	5,228,771	4,793,388	5,339,004	7,612,398	4,627,693	7,551,495	1,057,200	2,632,000	1,363,872	8,845,275	49,051,096	26.32	1,863,643
197	HAM LAKE	5,089,805	6,073,569	3,914,056	8,267,410	6,171,419	7,934,699	158,580	3,507,000	214,683	9,092,871	50,424,092	35.07	1,437,813
130	HASTINGS	5,391,800	4,254,451	6,195,920	7,315,497	3,975,379	6,791,179	740,040	2,261,000	1,485,946	8,450,464	46,861,676	22.61	2,072,608
202	HERMANTOWN	4,181,071	3,447,626	4,693,936	5,694,122	3,259,777	5,433,245	687,180	1,854,000	153,072	6,468,886	35,872,915	18.54	1,934,893
131	HIBBING	9,619,794	9,677,141	9,072,749	14,407,066	9,554,282	13,965,557	845,760	5,419,000	37,407	15,971,723	88,570,479	54.19	1,634,443
132	HOPKINS	2,586,408	1,910,031	3,103,842	3,414,291	1,756,482	3,001,740	2,484,420	999,000	0	4,236,366	23,492,580	9.99	2,351,610
224	HUGO	3,896,503	4,015,839	3,571,810	5,918,883	4,321,752	5,997,407	317,160	2,257,000	240,897	6,718,194	37,255,445	22.57	1,650,662
133	HUTCHINSON	4,504,354	3,647,216	5,099,263	6,164,650	3,446,155	5,811,884	581,460	1,952,000	4,269,370	7,804,797	43,281,149	19.52	2,217,272
134	INTERNATIONAL FALLS	1,300,172	1,471,605	1,053,993	2,081,500	1,475,166	2,153,226	317,160	839,000	0	2,352,200	13,044,022	8.39	1,554,711
178	INVER GROVE HEIGHTS	7,641,563	6,519,225	8,291,447	10,777,283	6,969,663	10,042,307	1,215,780	3,529,000	578,612	12,224,270	67,789,150	35.29	1,920,917
245	ISANTI	1,147,178	1,249,382	979,727	1,798,801	1,244,834	1,874,952	0	708,000	0	1,980,633	10,983,507	7.08	1,551,343
246	JORDAN	1,145,516	1,099,842	1,129,076	1,680,675	1,072,527	1,700,073	0	610,000	1,499,609	2,186,210	12,123,528	6.10	1,987,464
240	KASSON	1,222,852	1,184,694	1,207,651	1,788,897	1,160,438	1,747,213	0	660,000	478,350	2,079,020	11,529,115	6.60	1,746,836
236	LA CRESCENT	921,890	1,027,602	760,245	1,467,170	1,026,812	1,554,097	0	584,000	0	1,615,198	8,957,014	5.84	1,533,735
234	LAKE CITY	1,371,952	1,481,287	1,189,990	2,135,690	1,475,162	2,165,391	158,580	839,000	0	2,379,753	13,196,805	8.39	1,572,921
206	LAKE ELMO	3,563,252	3,454,074	3,429,546	5,305,434	3,461,977	5,772,349	52,860	1,912,000	195,166	5,972,263	33,118,921	19.12	1,732,161
188	LAKEVILLE	16,884,238	13,064,148	19,603,657	22,797,546	13,153,393	20,490,625	2,590,140	6,906,000	184,494	25,448,326	141,122,567	69.06	2,043,478
210	LINO LAKES	4,093,777	4,406,585	3,563,528	6,360,464	4,444,831	6,578,291	211,440	2,495,000	0	7,073,864	39,227,780	24.95	1,572,256
135	LITCHFIELD	1,485,877	1,560,151	1,316,017	2,298,421	1,541,979	2,525,783	264,300	877,000	0	2,611,295	14,480,823	8.77	1,651,177
200	LITTLE CANADA	2,295,736	2,069,659	2,406,752	3,257,238	1,995,601	3,264,813	317,160	1,135,000	85,621	3,702,067	20,529,647	11.35	1,808,779
136	LITTLE FALLS	4,099,355	3,921,499	4,057,848	6,008,068	3,868,132	5,708,480	634,320	2,175,000	0	6,703,993	37,176,695	21.75	1,709,273
219	MAHTOMEDI	1,681,684	1,709,700	1,546,704	2,555,649	1,800,435	2,688,492	105,720	956,000	0	2,869,765	15,914,149	9.56	1,664,660
137	MANKATO	11,579,508	7,971,438	13,968,129	16,481,703	7,922,632	12,274,609	6,211,050	4,068,000	1,867,479	18,115,801	100,460,349	40.68	2,469,527
189	MAPLE GROVE	14,756,065	11,228,938	16,922,269	21,284,956	12,242,627	16,678,378	5,444,580	5,906,000	1,451,104	23,301,282	129,216,199	59.06	2,187,880
138	MAPLEWOOD	8,264,494	6,826,434	9,228,393	11,324,936	7,011,860	10,944,046	1,427,220	3,668,000	2,036,494	13,361,015	74,092,892	36.68	2,019,981

2020 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
139	MARSHALL	4,086,205	3,509,225	4,472,375	5,651,290	3,855,818	5,691,752	581,460	1,907,000	1,595,202	6,897,070	38,247,397	19.07	2,005,632
250	MEDINA	2,114,467	2,223,755	1,924,564	3,210,183	2,213,624	2,953,080	264,300	1,259,000	0	3,555,854	19,718,827	12.59	1,566,229
140	MENDOTA HEIGHTS	2,980,464	2,752,915	3,058,494	4,279,007	2,742,857	4,298,848	422,880	1,517,000	1,607,256	5,205,138	28,864,859	15.17	1,902,759
141	MINNEAPOLIS	57,080,908	40,197,938	68,903,269	78,459,250	37,759,991	62,664,035	78,972,840	20,678,000	51,551,797	109,178,972	605,447,000	206.78	2,927,977
142	MINNETONKA	12,125,950	9,627,167	13,852,360	16,576,042	9,380,208	15,302,196	3,594,480	5,123,000	156,133	18,862,256	104,599,792	51.23	2,041,768
243	MINNETRISTA	2,027,858	2,273,574	1,690,562	3,202,685	2,282,196	3,051,925	52,860	1,298,000	93,757	3,514,152	19,487,569	12.98	1,501,354
143	MONTEVIDEO	1,632,630	1,611,840	1,561,783	2,433,648	1,578,902	2,569,880	158,580	898,000	0	2,737,957	15,183,220	8.98	1,690,782
222	MONTICELLO	3,017,114	2,336,867	3,510,380	4,017,759	2,217,142	3,682,992	581,460	1,235,000	0	4,531,714	25,130,428	12.35	2,034,852
144	MOORHEAD	12,596,126	9,513,627	14,528,924	18,066,359	10,610,980	14,823,197	5,603,160	4,989,000	17,842,838	23,886,332	132,460,543	49.89	2,655,052
190	MORRIS	1,676,450	1,588,623	1,675,494	2,443,092	1,575,382	2,545,551	105,720	879,000	0	2,747,651	15,236,963	8.79	1,733,443
145	MOUND	1,524,116	1,432,836	1,550,638	2,194,743	1,396,045	2,142,580	105,720	794,000	0	2,450,949	13,591,627	7.94	1,711,792
146	MOUNDS VIEW	2,052,556	1,961,152	2,029,270	3,009,541	1,930,550	3,172,054	370,020	1,086,000	0	3,434,450	19,045,593	10.86	1,753,738
147	NEW BRIGHTON	2,882,487	2,748,715	2,885,162	4,182,529	2,684,834	4,040,341	555,030	1,527,000	132,025	4,760,389	26,398,512	15.27	1,728,783
182	NEW HOPE	3,265,878	2,451,892	3,848,432	4,436,907	2,261,093	3,911,088	1,110,060	1,286,000	0	4,965,698	27,537,048	12.86	2,141,295
237	NEW PRAGUE	1,832,319	1,732,898	1,828,586	2,670,695	1,684,392	2,648,953	105,720	958,000	78,450	2,978,804	16,518,817	9.58	1,724,302
148	NEW ULM	3,810,898	3,307,657	4,133,539	5,300,521	3,433,846	5,314,631	317,160	1,801,000	1,317,950	6,322,182	35,059,384	18.01	1,946,662
225	NORTH BRANCH	4,654,755	4,991,724	4,093,073	7,191,323	5,084,827	6,807,902	105,720	2,828,000	91,843	7,886,818	43,735,985	28.28	1,546,534
150	NORTH MANKATO	3,941,008	3,015,640	4,482,417	5,721,514	3,008,349	4,742,875	1,004,340	1,584,000	0	6,050,028	33,550,171	15.84	2,118,066
151	NORTH ST PAUL	2,245,701	2,066,603	2,317,592	3,210,723	2,029,012	3,112,749	475,740	1,139,000	0	3,651,366	20,248,486	11.39	1,777,742
149	NORTHFIELD	3,644,511	3,143,666	3,929,612	5,129,276	3,382,856	4,859,960	0	1,706,000	1,129,671	5,923,617	32,849,169	17.06	1,925,508
223	OAK GROVE	4,110,362	4,648,161	3,395,728	6,509,492	4,675,161	6,336,508	0	2,659,000	0	7,113,569	39,447,981	26.59	1,483,565
185	OAKDALE	5,071,889	3,704,755	6,124,093	6,649,316	3,491,868	5,872,709	1,110,060	1,931,000	0	7,470,252	41,425,942	19.31	2,145,310
152	ORONO	1,921,113	1,727,057	2,007,467	2,733,502	1,677,361	2,797,977	211,440	945,000	1,087,194	3,323,783	18,431,894	9.45	1,950,465
217	OTSEGO	4,748,810	4,539,388	4,743,131	6,905,805	4,434,281	6,897,621	264,300	2,522,000	0	7,712,174	42,767,510	25.22	1,695,778
153	OWATONNA	8,249,245	6,523,046	9,355,036	11,587,382	6,090,540	10,506,103	1,374,360	3,464,000	2,328,799	13,085,274	72,563,785	34.64	2,094,797
155	PLYMOUTH	18,323,675	12,965,948	21,988,370	25,548,045	12,977,571	20,090,696	2,061,540	6,678,000	5,167,777	27,676,355	153,477,977	66.78	2,298,263
201	PRIOR LAKE	4,496,344	4,302,451	4,435,935	6,598,881	4,803,519	6,944,765	951,480	2,383,000	115,187	7,706,945	42,738,507	23.83	1,793,475
199	RAMSEY	6,396,965	6,703,704	5,798,803	9,747,542	6,698,892	9,873,516	951,480	3,786,000	722,117	11,149,384	61,828,403	37.86	1,633,080
156	RED WING	5,900,070	4,672,438	6,759,753	8,053,903	4,650,548	7,490,670	475,740	2,486,000	1,900,963	9,325,823	51,715,908	24.86	2,080,286
207	REDWOOD FALLS	1,728,030	1,873,509	1,484,613	2,702,509	1,884,831	2,846,637	158,580	1,061,000	733,119	3,184,021	17,656,849	10.61	1,664,170
157	RICHFIELD	6,249,274	4,707,791	7,253,808	8,804,646	5,353,841	7,483,069	3,964,500	2,467,000	0	10,182,464	56,466,393	24.67	2,288,869
158	ROBBINSDALE	2,141,651	1,852,677	2,291,012	3,056,492	1,835,602	2,924,191	819,330	1,005,000	715,229	3,661,058	20,302,242	10.05	2,020,124
159	ROCHESTER	32,260,569	21,892,736	38,946,624	46,385,137	22,945,029	33,324,829	18,130,980	11,114,000	26,245,966	55,274,089	306,519,959	111.14	2,757,963
238	ROGERS	4,767,235	4,037,558	5,187,870	6,729,989	4,302,410	6,550,920	898,620	2,180,000	0	7,624,015	42,278,617	21.80	1,939,386
208	ROSEMOUNT	6,318,358	5,592,807	6,730,392	8,870,953	5,549,887	8,177,243	475,740	3,057,500	803,628	10,026,835	55,603,343	30.58	1,818,291
160	ROSEVILLE	6,330,436	5,757,422	6,540,230	9,101,241	5,665,050	9,243,974	1,638,660	3,158,000	93,374	10,456,246	57,984,633	31.58	1,836,119
220	SARTELL	4,961,625	3,632,768	5,926,856	6,691,684	3,713,403	5,754,101	475,740	1,892,000	336,559	7,344,638	40,729,374	18.92	2,152,715
191	SAUK RAPIDS	3,193,992	2,670,441	3,491,699	4,551,284	2,841,316	4,370,318	898,620	1,437,000	5,006,220	6,261,397	34,722,287	14.37	2,416,304
211	SAVAGE	6,305,465	5,096,895	7,147,254	8,577,913	5,042,633	7,860,188	528,600	2,727,000	1,071,504	9,758,639	54,116,091	27.27	1,984,455

2020 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	9,605,242	7,535,427	10,939,581	13,499,810	7,549,884	11,876,198	1,215,780	3,995,000	419,419	14,659,997	81,296,338	39.95	2,034,952
167	SHOREVIEW	4,048,782	3,597,875	4,307,795	5,692,745	3,678,237	5,758,661	872,190	1,969,000	0	6,583,563	36,508,848	19.69	1,854,182
216	SHOREWOOD	1,948,561	1,690,784	2,110,728	2,714,146	1,617,582	2,797,976	158,580	920,000	0	3,070,837	17,029,194	9.20	1,850,999
168	SOUTH ST PAUL	3,685,410	3,214,218	3,929,355	5,214,479	3,069,886	5,252,291	317,160	1,746,000	43,099	5,823,819	32,295,717	17.46	1,849,697
183	SPRING LAKE PARK	1,328,694	1,083,835	1,500,974	1,803,651	1,033,847	1,766,983	0	581,000	0	2,001,775	11,100,759	5.81	1,910,630
161	ST ANTHONY	1,506,956	1,131,539	1,789,770	2,020,306	1,100,657	1,732,011	660,750	595,000	739,338	2,480,791	13,757,118	5.95	2,312,121
162	ST CLOUD	17,779,540	13,038,471	20,850,584	25,261,213	13,832,070	19,525,019	9,171,210	6,785,000	6,916,176	29,295,041	162,454,324	67.85	2,394,316
235	ST FRANCIS	2,062,945	2,347,787	1,695,098	3,273,182	2,364,835	3,000,221	0	1,345,000	0	3,539,597	19,628,665	13.45	1,459,380
233	ST JOSEPH	1,531,380	1,606,002	1,392,716	2,327,798	1,782,856	2,253,589	211,440	908,000	0	2,643,030	14,656,811	9.08	1,614,186
163	ST LOUIS PARK	9,314,521	6,473,494	11,185,414	13,309,614	6,691,853	9,995,169	5,682,450	3,314,000	1,135,029	14,762,339	81,863,883	33.14	2,470,244
227	ST MICHAEL	4,402,695	4,267,139	4,303,384	6,489,324	4,722,634	6,765,327	370,020	2,371,000	0	7,412,133	41,103,656	23.71	1,733,600
164	ST PAUL	44,610,398	31,850,414	53,079,892	63,294,617	31,720,400	49,279,381	36,552,690	16,452,000	66,232,773	86,475,964	479,548,529	164.52	2,914,834
184	ST PAUL PARK	1,175,137	1,077,748	1,220,394	1,674,476	1,044,390	1,648,375	0	594,000	1,507,759	2,187,302	12,129,581	5.94	2,042,017
165	ST PETER	3,097,490	2,703,748	3,344,496	4,319,498	2,591,650	4,361,193	211,440	1,474,000	0	4,862,774	26,966,289	14.74	1,829,463
228	STEWARTVILLE	754,974	829,311	640,033	1,186,389	828,131	1,227,156	105,720	471,000	0	1,329,397	7,372,111	4.71	1,565,204
169	STILLWATER	4,105,433	3,495,993	4,401,216	5,933,287	3,609,665	5,503,197	740,040	1,887,000	78,066	6,545,860	36,299,757	18.87	1,923,676
170	THIEF RIVER FALLS	3,548,491	3,117,687	3,780,184	5,009,064	2,997,796	4,855,406	951,480	1,699,000	2,769,073	6,320,198	35,048,379	16.99	2,062,883
209	VADNAIS HEIGHTS	1,884,651	1,676,287	2,000,567	2,655,028	1,612,308	2,712,820	422,880	917,000	0	3,053,939	16,935,480	9.17	1,846,835
241	VICTORIA	1,461,896	1,549,947	1,306,779	2,241,681	1,541,977	2,294,644	105,720	877,000	319,538	2,573,819	14,273,001	8.77	1,627,480
171	VIRGINIA	3,885,160	3,077,842	4,452,312	5,240,617	2,876,482	4,873,653	158,580	1,636,000	220,424	5,812,634	32,233,704	16.36	1,970,275
231	WACONIA	3,358,605	2,691,332	3,808,336	4,649,706	2,524,833	4,307,970	792,900	1,436,000	45,922	5,195,433	28,811,037	14.36	2,006,340
221	WAITE PARK	1,990,161	1,487,655	2,288,495	2,898,629	1,411,865	2,080,237	1,030,770	777,000	0	3,072,259	17,037,071	7.77	2,192,673
172	WASECA	1,554,593	1,406,427	1,620,090	2,215,673	1,355,601	2,334,182	105,720	771,000	0	2,499,923	13,863,209	7.71	1,798,082
173	WEST ST PAUL	3,144,574	2,530,254	3,601,621	4,228,225	2,501,976	4,108,769	660,750	1,354,000	0	4,868,634	26,998,803	13.54	1,994,003
174	WHITE BEAR LAKE	4,459,587	3,852,138	4,830,522	6,253,984	3,681,754	6,033,901	898,620	2,094,000	0	7,062,994	39,167,500	20.94	1,870,463
175	WILLMAR	6,738,976	5,311,295	7,599,543	9,627,962	5,580,656	8,438,030	1,850,100	2,815,000	4,262,673	11,489,332	63,713,567	28.15	2,263,359
176	WINONA	6,029,199	4,253,719	7,257,003	8,352,762	4,040,436	6,572,208	1,902,960	2,189,000	864,857	9,121,668	50,583,812	21.89	2,310,818
192	WOODBURY	16,215,994	11,633,541	19,117,919	23,491,567	12,719,106	17,648,552	5,074,560	6,015,000	1,708,284	24,997,397	138,621,920	60.15	2,304,604
177	WORTHINGTON	2,523,168	2,174,388	2,720,248	3,527,530	2,071,208	3,556,773	211,440	1,178,000	420,642	4,044,344	22,427,741	11.78	1,903,883
248	WYOMING	3,081,776	2,902,540	3,110,272	4,463,782	2,823,733	4,545,192	158,580	1,606,000	0	4,992,209	27,684,084	16.06	1,723,791
251	ZIMMERMAN	1,033,738	1,145,548	869,324	1,628,584	1,192,089	1,662,060	0	652,000	0	1,800,334	9,983,677	6.52	1,531,239
	TOTAL	**$883,894,643**	**$713,872,501**	**$988,054,186**	**$1,252,332,903**	**$720,611,187**	**$1,100,148,815**	**$325,379,730**	**$381,241,500**	**$302,607,584**	**$1,466,991,439**	**$8,135,134,488**	**3,812.42**	**$2,133,851**
Percent of Total Needs - 2020		10.87%	8.78%	12.15%	15.39%	8.86%	13.52%	4.00%	4.69%	3.72%	18.03%			

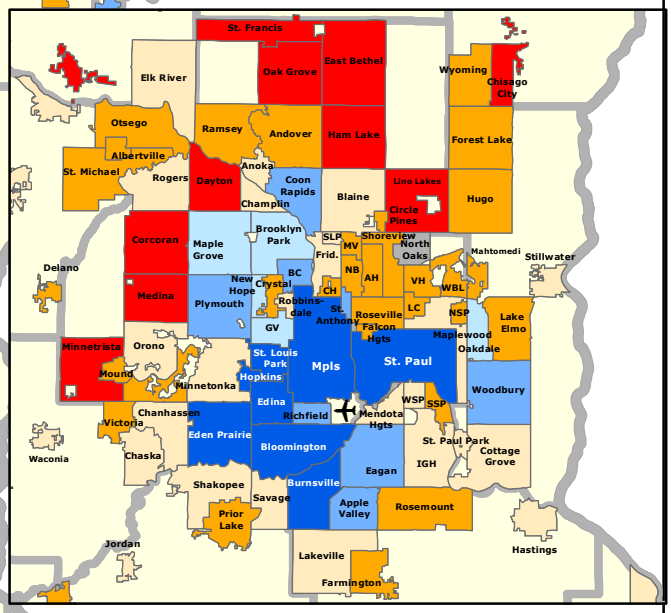
Needs Costs per Mile for State Aid Cities, 2020

Legend

State Aid City Avg is $2,133,851

$1,407,311	to	$1,586,744	(18)
$1,604,753	to	$1,886,553	(48)
$1,902,759	to	$2,127,808	(44)
$2,141,295	to	$2,217,272	(12)
$2,252,627	to	$2,312,121	(12)
$2,332,679	to	$2,927,977	(14)

KITTSON
ROSEAU
LAKE OF THE WOODS
International Falls
MARSHALL
Thief River Falls
BELTRAMI
KOOCHICHING
East Grand Forks
PENNINGTON
RED LAKE
Crookston
POLK
CLEARWATER
Bemidji
Chisholm
Virginia
LAKE
NORMAN
MAHNOMEN
ITASCA
Grand Rapids
Hibbing
HUBBARD
CASS
SAINT LOUIS
CLAY
Detroit Lakes
Moorhead
BECKER
Hermantown
Cloquet
Duluth
AITKIN
WADENA
CROW WING
CARLTON
WILKIN
Fergus Falls
OTTER TAIL
Baxter
Brainerd
MORRISON
Little Falls
MILLE LACS
PINE
GRANT
DOUGLAS
Alexandria
TODD
KANABEC
TRAVERSE
BENTON
Morris
STEVENS
POPE
STEARNS
Sartell
Sauk Rapids
St. Joseph
Waite Park
ISANTI
North Branch
Cambridge
SHERBURNE
BIG STONE
St. Cloud
Zimmerman
Isanti
CHISAGO
Big Lake
KANDIYOHI
Monticello
SWIFT
MEEKER
WRIGHT
Buffalo
Litchfield
CHIPPEWA
Willmar
Delano
LAC QUI PARLE
Montevideo
Waconia
Hutchinson
MCLEOD
CARVER
YELLOW MEDICINE
RENVILLE
Glencoe
Jordan
SCOTT
SIBLEY
Belle Plaine
DAKOTA
LINCOLN
Redwood Falls
Marshall
LYON
REDWOOD
New Prague
Northfield
Red Wing
NICOLLET
St. Peter
RICE
GOODHUE
Lake City
LE SUEUR
Faribault
WABASHA
BROWN
New Ulm
North Mankato
Mankato
Waseca
Owatonna
Kasson
Rochester
Winona
PIPESTONE
MURRAY
COTTONWOOD
BLUE EARTH
WASECA
STEELE
DODGE
Byron
OLMSTED
WINONA
WATONWAN
Stewartville
ROCK
NOBLES
JACKSON
MARTIN
FARIBAULT
Albert Lea
MOWER
FILLMORE
La Crescent
HOUSTON
Worthington
Fairmont
FREEBORN
Austin



METRO INSET

Source: State Aid.

COMPARISON OF NEEDS BETWEEN 2019 and 2020

2020 Needs are computed for the January 2021 distribution

Needs Item	2019	2020	Difference	% increase
Grading/Excavation	$860,117,916	$883,894,643	$23,776,727	2.8
Total Storm Sewer	695,809,016	713,872,501	18,063,485	2.6
Gravel Base	960,175,366	988,054,186	27,878,820	2.9
Bituminous Surface	1,218,761,264	1,252,332,903	33,571,639	2.8
Curb and Gutter	703,053,169	720,611,187	17,558,018	2.5
Sidewalk Construction	1,071,077,832	1,100,148,815	29,070,983	2.7
Traffic Signals	318,585,878	325,379,730	6,793,852	2.1
Street Lighting	378,901,500	381,241,500	2,340,000	0.6
Structures	301,842,558	302,607,584	765,026	0.3
Engineering	1,431,831,560	1,466,991,439	35,159,879	2.5
Total Unadjusted Money Needs	**$7,940,156,059**	**$8,135,134,488**	**$194,978,429**	**2.5**
Total Needs Miles	3,789.02	3,812.42	23.40	0.6
ATF Right of Way	$84,776,726	$81,578,538	($3,198,188)	(3.8)
ATF Retaining Wall	6,757,755	7,195,352	437,597	6.5
ATF RR Crossing	1,706,696	1,706,696	0	0.0
ATF Bridge over MSAS Route	378,684	378,684	0	0.0

N:\MSAS\Book\2020 October Book\Comparison of Needs.xls

2020 MILEAGE REPORT

The 2020 Mileage Report shows all categories of mileage used in the Municipal State Aid Needs Study. This report is provided to give cities an opportunity to view various mileage categories. The report can also be used as a reference when reviewing and comparing against your own local road inventory.

The **Total System Length** reflects an overall increase from last year. This increase of 23 miles is due new MSAS designations and to overall system growth.

Thirty-two cities added mileage to their system in 2020.

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

Total Needs Length for all cities is 3,812.42 miles.

Total System Length for all cities is 3,818.70 miles.

- The information on the Mileage Report may also be helpful as you fill out your 2020 Annual Certification of Mileage form (due January 2021). 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 2020 certification.

2020 Mileage Report

CITY #	MUNICIPALITY	TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL NEEDS LENGTH CODED AS COMMON BOUNDARY	TOTAL NEEDS 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
		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	
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				4.77	7.07	0.60	20.93	32.69		0.68	33.37	33.37
198	ANDOVER	0.04	1.71			1.80		42.08	35.05		8.87	43.88	43.92
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		5.61	6.97		0.66	7.63	7.63
104	AUSTIN						4.71	25.70	30.41			30.41	30.41
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		48.34	46.47		4.24	50.71	50.71
107	BLOOMINGTON		0.65		0.58		1.54	74.00	76.12			76.12	76.12
108	BRAINERD	0.04			0.70		2.48	16.68	19.07		0.83	19.86	19.90
109	BROOKLYN CENTER		0.94				0.52	20.82	21.34			21.34	21.34
110	BROOKLYN PARK		2.95		1.00		4.48	55.23	60.43		0.28	60.71	60.71
213	BUFFALO	0.33			1.16	3.24		14.73	19.46			19.13	19.46
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	19.23	19.77		0.30	20.07	20.07
194	CHANHASSEN		0.50				0.60	22.16	22.35		0.41	22.76	22.76
196	CHASKA		0.11			2.40		20.54	20.20		2.74	22.94	22.94
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	21.03	22.62		0.16	22.78	22.78
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	43.57	46.32			46.32	46.32
215	CORCORAN		0.51					15.79	15.47		0.32	15.79	15.79
180	COTTAGE GROVE					1.25		37.17	32.19	1.09	5.14	38.42	38.42
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				5.70	3.28	2.11	14.33	25.42			25.42	25.42
118	DULUTH				0.06		28.00	90.06	117.63		0.49	118.12	118.12

2020 Mileage Report

CITY #	MUNICIPALITY	MILEAGE CERT LINE 16 TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL NEEDS LENGTH CODED AS COMMON BOUNDARY	TOTAL NEEDS LENGTH MSB APPROVED ONE WAY	MILEAGE CERT LINE 4 CSAH TURN-BACK	MILEAGE CERT LINE 7 COUNTY ROAD TURN-BACK	MILEAGE CERT LINE 2 TRUNK HWY TURN-BACK	MILEAGE CERT LINE 6 MSAS MILEAGE EXCLUDE TB's	MILEAGE CERT COLUMN XI IMPROVED MILEAGE	MILEAGE CERT COLUMN X UN-IMPROVED MILEAGE	MILEAGE CERT COLUMN IX NON-EXISITNG MILEAGE	MILEAGE CERT LINE 13 TOTAL NEEDS LENGTH	TOTAL SYSTEM LENGTH
195	EAGAN		0.42			0.25	0.76	48.42	49.33		0.10	49.43	49.43
203	EAST BETHEL		2.16					29.73	24.47		5.26	29.73	29.73
119	EAST GRAND FORKS				4.12		2.34	10.28	16.74			16.74	16.74
181	EDEN PRAIRIE		0.78				2.14	46.47	48.61			48.61	48.61
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		1.38		0.50	0.25		2.54	3.29			3.29	3.29
125	FARIBAULT	0.32				3.26	2.23	22.48	28.29			27.97	28.29
212	FARMINGTON				0.24			16.71	13.42		3.53	16.95	16.95
126	FERGUS FALLS						6.78	19.62	26.40			26.40	26.40
214	FOREST LAKE				8.51			25.32	32.97		0.86	33.83	33.83
127	FRIDLEY		0.61					22.87	22.87			22.87	22.87
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		34.10	29.82		5.25	35.07	35.07
130	HASTINGS						2.46	20.15	22.61			22.61	22.61
202	HERMANTOWN				0.25	2.87		15.42	18.47	0.07		18.54	18.54
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					22.57	22.21		0.36	22.57	22.57
133	HUTCHINSON				2.77	3.03	0.21	13.51	19.52			19.52	19.52
134	INTERNATIONAL FALLS							8.39	8.39			8.39	8.39
178	INVER GROVE HEIGHTS		0.32		3.57	1.08		30.64	34.70		0.59	35.29	35.29
245	ISANTI							7.08	7.02		0.06	7.08	7.08
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		59.24	65.93	1.24	1.89	69.06	69.06
210	LINO LAKES		0.38		0.34	0.98	0.28	23.35	23.47		1.48	24.95	24.95
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	3.12	16.64	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	1.00		0.21	1.98		6.55	32.15	41.25	0.64		40.680	41.89

2020 Mileage Report

CITY #	MUNICIPALITY	TOTAL LENGTH OUTSIDE CITY LIMITS	TOTAL NEEDS LENGTH CODED AS COMMON BOUNDARY	TOTAL NEEDS 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
		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	
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
139	MARSHALL					3.51	1.44	14.12	18.45		0.62	19.07	19.07
250	MEDINA		0.94					12.59	12.12		0.47	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	38.42	52.24			49.89	52.24
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				0.55	1.00		8.03	9.34	0.10	0.14	9.58	9.58
148	NEW ULM						0.58	17.43	18.01			18.01	18.01
225	NORTH BRANCH				0.70	4.52		23.06	27.98		0.30	28.28	28.28
150	NORTH MANKATO				0.22		1.90	13.72	15.84			15.84	15.84
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	18.71	19.31			19.31	19.31
152	ORONO		0.41					9.45	9.45			9.45	9.45
217	OTSEGO		1.15					25.22	22.95		2.27	25.22	25.22
153	OWATONNA				7.36	1.31		25.97	34.64			34.64	34.64
155	PLYMOUTH		1.51		1.76			65.02	66.78			66.78	66.78
201	PRIOR LAKE	0.21	0.23		1.20	0.61		22.02	23.55		0.49	23.83	24.04
199	RAMSEY		0.40			1.99		35.87	32.96		4.90	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	10.21		0.40	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	4.60	5.54	93.52	110.71		0.96	111.14	111.67
238	ROGERS				1.83			19.97	21.50		0.30	21.80	21.80
208	ROSEMOUNT		0.175		0.01	6.36		24.205	30.275		0.30	30.575	30.575
160	ROSEVILLE		1.52		3.77	3.94		23.87	31.58			31.58	31.58

2020 Mileage Report

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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
166	SHAKOPEE		0.23		3.15	3.01	0.92	32.87	38.91		1.04	39.95	39.95
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		5.52	5.81			5.81	5.81
161	ST ANTHONY		0.65			0.45		5.50	5.95			5.95	5.95
162	ST CLOUD		0.19		5.35	1.60	4.32	56.58	61.20	1.06	5.59	67.85	67.85
235	ST FRANCIS		0.24			1.22		12.23	13.45			13.45	13.45
233	ST JOSEPH					1.13		7.95	8.06		1.02	9.08	9.08
163	ST LOUIS PARK		0.39		3.54			29.60	33.14			33.14	33.14
227	ST MICHAEL	0.50	0.25		0.18	0.55		22.98	24.04		0.17	23.71	24.21
164	ST PAUL		1.21		3.45		7.07	154.00	161.18		3.34	164.52	164.52
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		13.44	16.46	0.28	0.25	16.99	16.99
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		12.33	13.48		0.06	13.54	13.54
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	56.91		3.24	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	**3.97**	**49.39**	**2.31**	**139.49**	**133.11**	**147.66**	**3392.16**	**3715.58**	**5.79**	**97.33**	**3812.42**	**3818.70**

MSAS NEEDS MILEAGE COMPARISON

from 2019 to 2020

City	2019 MSAS Needs Mileage	2020 MSAS Needs Mileage	Difference in Mileage
ALBERT LEA	24.31	24.31	
ALBERTVILLE	7.69	7.69	
ALEXANDRIA	32.77	33.37	0.60
ANDOVER	43.81	43.88	0.07
ANOKA	16.56	16.56	
APPLE VALLEY	37.50	37.50	
ARDEN HILLS	7.53	7.63	0.10
AUSTIN	30.21	30.41	0.20
BAXTER	17.46	17.46	
BELLE PLAINE	9.10	9.10	
BEMIDJI	19.01	19.01	
BIG LAKE	11.48	11.48	
BLAINE	50.62	50.71	0.09
BLOOMINGTON	76.12	76.12	
BRAINERD	19.20	19.86	0.66
BROOKLYN CENTER	21.34	21.34	
BROOKLYN PARK	60.71	60.71	
BUFFALO	17.54	19.13	1.59
BURNSVILLE	44.77	44.77	
BYRON	8.08	8.08	
CAMBRIDGE	16.93	16.93	
CHAMPLIN	20.05	20.07	0.02
CHANHASSEN	22.76	22.76	
CHASKA	20.81	22.94	2.13
CHISAGO CITY	8.75	8.75	
CHISHOLM	8.61	8.61	
CIRCLE PINES	3.60	3.60	
CLOQUET	22.75	22.78	0.03
COLUMBIA HEIGHTS	12.50	12.50	
COON RAPIDS	44.40	46.32	1.92
CORCORAN	15.79	15.79	
COTTAGE GROVE	34.39	38.42	4.03
CROOKSTON	11.58	11.58	
CRYSTAL	17.57	17.57	
DAYTON	10.62	10.62	
DELANO	6.21	6.21	
DETROIT LAKES	25.29	25.42	0.13
DULUTH	118.12	118.12	
EAGAN	49.43	49.43	
EAST BETHEL	29.73	29.73	
EAST GRAND FORKS	16.99	16.74	(0.25)
EDEN PRAIRIE	48.54	48.61	0.07
EDINA	40.85	40.85	
ELK RIVER	39.23	39.23	
FAIRMONT	20.12	20.12	
FALCON HEIGHTS	3.29	3.29	
FARIBAULT	27.99	27.97	(0.02)
FARMINGTON	16.95	16.95	
FERGUS FALLS	26.66	26.40	(0.26)
FOREST LAKE	33.83	33.83	

City	2019 MSAS Needs Mileage	2020 MSAS Needs Mileage	Difference in Mileage
FRIDLEY	22.90	22.87	(0.03)
GLENCOE	8.39	8.39	
GOLDEN VALLEY	23.74	23.74	
GRAND RAPIDS	26.32	26.32	
HAM LAKE	34.62	35.07	0.45
HASTINGS	22.61	22.61	
HERMANTOWN	18.65	18.54	(0.11)
HIBBING	54.19	54.19	
HOPKINS	9.99	9.99	
HUGO	22.01	22.57	0.56
HUTCHINSON	19.52	19.52	
INTERNATIONAL FALLS	8.05	8.39	0.34
INVER GROVE HEIGHTS	34.78	35.29	0.51
ISANTI	6.89	7.08	0.19
JORDAN	6.10	6.10	
KASSON	6.60	6.60	
LA CRESCENT	5.84	5.84	
LAKE CITY	8.39	8.39	
LAKE ELMO	19.12	19.12	
LAKEVILLE	69.05	69.06	0.01
LINO LAKES	24.52	24.95	0.43
LITCHFIELD	8.77	8.77	
LITTLE CANADA	11.35	11.35	
LITTLE FALLS	21.75	21.75	
MAHTOMEDI	9.56	9.56	
MANKATO	40.670	40.68	0.010
MAPLE GROVE	59.06	59.06	
MAPLEWOOD	36.68	36.68	
MARSHALL	19.07	19.07	
MEDINA	12.59	12.59	
MENDOTA HEIGHTS	15.17	15.17	
MINNEAPOLIS	206.78	206.78	
MINNETONKA	51.23	51.23	
MINNETRISTA	12.98	12.98	
MONTEVIDEO	8.98	8.98	
MONTICELLO	12.35	12.35	
MOORHEAD	49.84	49.89	0.05
MORRIS	8.79	8.79	
MOUND	7.94	7.94	
MOUNDS VIEW	10.86	10.86	
NEW BRIGHTON	15.27	15.27	
NEW HOPE	12.86	12.86	
NEW PRAGUE	9.59	9.58	(0.01)
NEW ULM	18.01	18.01	
NORTH BRANCH	27.81	28.28	0.47
NORTH MANKATO	15.77	15.84	0.07
NORTH ST PAUL	11.39	11.39	
NORTHFIELD	17.06	17.06	
OAK GROVE	26.59	26.59	
OAKDALE	19.39	19.31	

City	2019 MSAS Needs Mileage	2020 MSAS Needs Mileage	Difference in Mileage
ORONO	9.45	9.45	
OTSEGO	25.21	25.22	0.01
OWATONNA	34.64	34.64	
PLYMOUTH	66.43	66.78	0.35
PRIOR LAKE	21.91	23.83	1.92
RAMSEY	37.86	37.86	
RED WING	24.86	24.86	
REDWOOD FALLS	10.61	10.61	
RICHFIELD	24.67	24.67	
ROBBINSDALE	10.05	10.05	
ROCHESTER	110.04	111.14	1.10
ROGERS	21.80	21.80	
ROSEMOUNT	29.885	30.575	0.690
ROSEVILLE	31.58	31.58	
SARTELL	18.92	18.92	
SAUK RAPIDS	14.37	14.37	
SAVAGE	27.27	27.27	
SHAKOPEE	38.88	39.95	1.07
SHOREVIEW	19.69	19.69	
SHOREWOOD	9.20	9.20	
SOUTH ST PAUL	17.46	17.46	
SPRING LAKE PARK	5.82	5.81	(0.01)
ST ANTHONY	5.95	5.95	
ST CLOUD	65.90	67.85	1.95
ST FRANCIS	13.45	13.45	
ST JOSEPH	6.76	9.08	2.32
ST LOUIS PARK	33.02	33.14	0.12
ST MICHAEL	23.47	23.71	0.24
ST PAUL	164.84	164.52	(0.32)
ST PAUL PARK	5.94	5.94	
ST PETER	14.74	14.74	
STEWARTVILLE	4.71	4.71	
STILLWATER	18.87	18.87	
THIEF RIVER FALLS	16.96	16.99	0.03
VADNAIS HEIGHTS	9.17	9.17	
VICTORIA	8.77	8.77	
VIRGINIA	16.36	16.36	
WACONIA	14.36	14.36	
WAITE PARK	7.77	7.77	
WASECA	7.71	7.71	
WEST ST PAUL	13.58	13.54	(0.04)
WHITE BEAR LAKE	20.94	20.94	
WILLMAR	28.15	28.15	
WINONA	21.89	21.89	
WOODBURY	60.15	60.15	
WORTHINGTON	11.78	11.78	
WYOMING	16.06	16.06	
ZIMMERMAN	6.52	6.52	
Total	**3,789.02**	**3,812.42**	**23.48**

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NOTE: Needs Miles / not Total Miles

2020 CONSTRUCTION NEEDS &
2021 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 2020)
- ~~Trunk Highway Turnback Maintenance~~ (resolution revoked May 2020)

By applying these adjustments, the "Adjusted Restricted Construction Needs" are calculated for each city. These Needs figures will be used to determine the 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 2021.

The tentative 2021 Needs allocations in this book are based on a projected money needs apportionment of **$89,354,438**. (This amount is based on a forecasted reduction of 15% from the 2020 money needs apportionment amount of $105,122,868).

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 2021 Construction Needs. These tabulations show the impact of the individual adjustments and the tentative allocations to each city.

Step one is applying the Restriction.

THE PHASE IN PROCESS – YEAR SEVEN

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 implemented for the 2015 apportionment, it was recognized that under this new method that some cities would see large changes to their new **25 Year Construction Needs figures**. In the first year, several cities saw significant 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 would have to the corresponding allocations for these cities, the Screening Board voted to implement a ***phase in period*** for this new Needs method. This "phase-in" (or *restriction*) gradually gives cities several years to adjust to the new Needs Calculations by preventing a city's Needs from varying too significantly from one year to the next. According to MSB Resolutions, the phase-in period is to last 7 years, so this is the last year of applying any restrictions to the Needs. *(For a full review of the Needs Study Task Force's recommendation to move to a new Needs System, please link to the Needs Task Force Decision Chronicle on the MSAS home page):*
http://www.dot.state.mn.us/stateaid/msas.html

Since the phase-in process began, we have seen the number of cities using *Restricted Need*s fall from 112 (for the 2015 distribution) to 15 (for the upcoming 2021 distribution). Of those 15 cities, 12 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 **+2.47%**. Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **-2.53%**, but not more than +**12.47%** from the Restricted Needs from January 2020. Otherwise a restriction is applied.

9 Cities received the Lower Restriction
6 Cities received the Upper Restriction
133 Cities received No Restriction

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Albert Lea	$49,553,800	$50,361,767	1.63	$0	$0	$50,361,767	**$50,361,767**
Albertville	14,063,411	14,300,947	1.69	0	0	14,300,947	**14,300,947**
Alexandria	64,350,150	66,522,164	3.38	0	0	66,522,164	**66,522,164**
Andover	68,889,904	70,416,582	2.22	0	0	70,416,582	**70,416,582**
Anoka	34,372,928	34,917,501	1.58	0	0	34,917,501	**34,917,501**
Apple Valley	83,467,649	84,896,195	1.71	0	0	84,896,195	**84,896,195**
Arden Hills	12,393,131	12,741,131	2.81	0	0	12,741,131	**12,741,131**
Austin	66,731,141	66,933,983	0.30	0	0	66,933,983	**66,933,983**
Baxter	35,825,475	36,536,636	1.99	0	0	36,536,636	**36,536,636**
Belle Plaine	16,898,034	17,167,634	1.60	0	0	17,167,634	**17,167,634**
Bemidji	38,693,299	39,319,355	1.62	0	0	39,319,355	**39,319,355**
Big Lake	17,916,791	18,215,822	1.67	0	0	18,215,822	**18,215,822**
Blaine	104,661,681	107,280,587	2.50	0	0	107,280,587	**107,280,587**
Bloomington	187,115,000	190,279,258	1.69	0	0	190,279,258	**190,279,258**
Brainerd	40,657,156	42,941,912	5.62	0	0	42,941,912	**42,941,912**
Brooklyn Center *	43,122,891	49,120,243	13.91	0	48,500,316	0	**48,500,316**
Brooklyn Park ^^	127,076,969	132,170,289	4.01	0	0	132,170,289	**132,170,289**
Buffalo #	33,344,455	37,524,673	12.54	0	37,502,509	0	**37,502,509**
Burnsville	105,338,872	107,146,428	1.72	0	0	107,146,428	**107,146,428**
Byron *	12,458,491	14,180,260	13.82	0	14,012,065	0	**14,012,065**
Cambridge ^^	34,363,877	35,539,289	3.42	0	0	35,539,289	**35,539,289**
Champlin	40,979,865	41,746,169	1.87	0	0	41,746,169	**41,746,169**
Chanhassen	47,742,152	48,428,913	1.44	0	0	48,428,913	**48,428,913**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Chaska	$42,796,492	$45,610,650	6.58	$0	$0	$45,610,650	**$45,610,650**
Chisago City	13,243,579	13,585,508	2.58	0	0	13,585,508	**13,585,508**
Chisholm	14,334,724	14,335,604	0.01	0	0	14,335,604	**14,335,604**
Circle Pines	5,961,916	6,061,806	1.68	0	0	6,061,806	**6,061,806**
Cloquet	39,534,643	40,247,373	1.80	0	0	40,247,373	**40,247,373**
Columbia Heights	22,922,006	23,309,042	1.69	0	0	23,309,042	**23,309,042**
Coon Rapids	100,984,145	105,949,279	4.92	0	0	105,949,279	**105,949,279**
Corcoran ^^	22,663,382	24,453,113	7.90	0	0	24,453,113	**24,453,113**
Cottage Grove	67,284,742	75,483,478	12.19	0	0	75,483,478	**75,483,478**
Crookston **	28,525,430	25,288,614	(11.35)	27,803,737	0	0	**27,803,737**
Crystal	30,657,941	31,150,598	1.61	0	0	31,150,598	**31,150,598**
Dayton	15,381,981	15,637,338	1.66	0	0	15,637,338	**15,637,338**
Delano **	12,650,841	11,169,435	(11.71)	12,330,775	0	0	**12,330,775**
Detroit Lakes	47,784,190	48,792,272	2.11	0	0	48,792,272	**48,792,272**
Duluth ^	262,388,543	266,202,523	1.45	0	0	266,202,523	**266,202,523**
Eagan	111,220,898	111,735,795	0.46	0	0	111,735,795	**111,735,795**
East Bethel	40,896,890	41,839,343	2.30	0	0	41,839,343	**41,839,343**
East Grand Forks	38,773,318	39,049,051	0.71	0	0	39,049,051	**39,049,051**
Eden Prairie	112,751,505	114,792,335	1.81	0	0	114,792,335	**114,792,335**
Edina	98,737,497	101,204,180	2.50	0	0	101,204,180	**101,204,180**
Elk River	77,167,343	78,443,134	1.65	0	0	78,443,134	**78,443,134**
Fairmont	39,688,679	40,343,425	1.65	0	0	40,343,425	**40,343,425**
Falcon Heights	5,687,939	5,719,159	0.55	0	0	5,719,159	**5,719,159**
Faribault ^^	60,111,791	63,005,986	4.81	0	0	63,005,986	**63,005,986**
Farmington	30,938,527	31,800,231	2.79	0	0	31,800,231	**31,800,231**
Fergus Falls #	60,968,424	57,662,793	(5.42)	59,425,923	0	0	**59,425,923**
Forest Lake	58,594,609	59,580,801	1.68	0	0	59,580,801	**59,580,801**
Fridley	41,629,088	43,886,221	5.42	0	0	43,886,221	**43,886,221**
Glencoe	14,660,717	14,913,285	1.72	0	0	14,913,285	**14,913,285**
Golden Valley	51,475,747	52,338,133	1.68	0	0	52,338,133	**52,338,133**
Grand Rapids **	51,727,808	49,051,096	(5.17)	50,419,094	0	0	**50,419,094**
Ham Lake	49,078,639	50,424,092	2.74	0	0	50,424,092	**50,424,092**
Hastings *	38,705,348	46,861,676	21.07	0	43,531,905	0	**43,531,905**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Hermantown	$35,402,894	$35,872,915	1.33	$0	$0	$35,872,915	**$35,872,915**
Hibbing	87,102,570	88,570,479	1.69	0	0	88,570,479	**88,570,479**
Hopkins	23,096,610	23,492,580	1.71	0	0	23,492,580	**23,492,580**
Hugo	35,983,039	37,255,445	3.54	0	0	37,255,445	**37,255,445**
Hutchinson	42,620,845	43,281,149	1.55	0	0	43,281,149	**43,281,149**
International Falls	12,284,929	13,044,022	6.18	0	0	13,044,022	**13,044,022**
Inver Grove Heights	66,717,154	67,789,150	1.61	0	0	67,789,150	**67,789,150**
Isanti	10,469,355	10,983,507	4.91	0	0	10,983,507	**10,983,507**
Jordan	11,944,759	12,123,528	1.50	0	0	12,123,528	**12,123,528**
Kasson	11,345,852	11,529,115	1.62	0	0	11,529,115	**11,529,115**
La Crescent	8,810,501	8,957,014	1.66	0	0	8,957,014	**8,957,014**
Lake City	12,980,354	13,196,805	1.67	0	0	13,196,805	**13,196,805**
Lake Elmo	31,810,749	33,118,921	4.11	0	0	33,118,921	**33,118,921**
Lakeville	133,928,448	141,122,567	5.37	0	0	141,122,567	**141,122,567**
Lino Lakes ^	40,066,347	39,227,780	(2.09)	0	0	39,227,780	**39,227,780**
Litchfield **	15,281,465	14,480,823	(5.24)	14,894,844	0	0	**14,894,844**
Little Canada	20,190,585	20,529,647	1.68	0	0	20,529,647	**20,529,647**
Little Falls	36,562,658	37,176,695	1.68	0	0	37,176,695	**37,176,695**
Mahtomedi	15,652,176	15,914,149	1.67	0	0	15,914,149	**15,914,149**
Mankato	98,868,267	100,460,349	1.61	0	0	100,460,349	**100,460,349**
Maple Grove	125,499,950	129,216,199	2.96	0	0	129,216,199	**129,216,199**
Maplewood	72,887,387	74,092,892	1.65	0	0	74,092,892	**74,092,892**
Marshall	37,634,020	38,247,397	1.63	0	0	38,247,397	**38,247,397**
Medina ^^	18,716,591	19,718,827	5.35	0	0	19,718,827	**19,718,827**
Mendota Heights	28,409,806	28,864,859	1.60	0	0	28,864,859	**28,864,859**
Minneapolis	595,459,169	605,447,000	1.68	0	0	605,447,000	**605,447,000**
Minnetonka	102,997,425	104,599,792	1.56	0	0	104,599,792	**104,599,792**
Minnetrista ^	19,880,964	19,487,569	(1.98)	0	0	19,487,569	**19,487,569**
Montevideo	14,932,871	15,183,220	1.68	0	0	15,183,220	**15,183,220**
Monticello	24,583,717	25,130,428	2.22	0	0	25,130,428	**25,130,428**
Moorhead	130,397,917	132,460,543	1.58	0	0	132,460,543	**132,460,543**
Morris	15,004,132	15,236,963	1.55	0	0	15,236,963	**15,236,963**
Mound **	14,854,013	13,591,627	(8.50)	14,478,206	0	0	**14,478,206**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Mounds View	$18,204,060	$19,045,593	4.62	$0	$0	$19,045,593	**$19,045,593**
New Brighton	25,964,287	26,398,512	1.67	0	0	26,398,512	**26,398,512**
New Hope	27,075,282	27,537,048	1.71	0	0	27,537,048	**27,537,048**
New Prague	13,723,915	16,518,817	20.37	0	15,435,287	0	**15,435,287**
New Ulm	34,495,848	35,059,384	1.63	0	0	35,059,384	**35,059,384**
North Branch ^	43,303,141	43,735,985	1.00	0	0	43,735,985	**43,735,985**
North Mankato	33,037,221	33,550,171	1.55	0	0	33,550,171	**33,550,171**
North St. Paul	19,913,097	20,248,486	1.68	0	0	20,248,486	**20,248,486**
Northfield	32,319,937	32,849,169	1.64	0	0	32,849,169	**32,849,169**
Oak Grove	38,803,881	39,447,981	1.66	0	0	39,447,981	**39,447,981**
Oakdale ^^	37,075,378	41,425,942	11.73	0	0	41,425,942	**41,425,942**
Orono	18,347,387	18,431,894	0.46	0	0	18,431,894	**18,431,894**
Otsego	40,470,951	42,767,510	5.67	0	0	42,767,510	**42,767,510**
Owatonna	71,112,905	72,563,785	2.04	0	0	72,563,785	**72,563,785**
Plymouth	150,167,228	153,477,977	2.20	0	0	153,477,977	**153,477,977**
Prior Lake	38,203,683	42,738,507	11.87	0	0	42,738,507	**42,738,507**
Ramsey	58,768,062	61,828,403	5.21	0	0	61,828,403	**61,828,403**
Red Wing	49,879,686	51,715,908	3.68	0	0	51,715,908	**51,715,908**
Redwood Falls	17,077,381	17,656,849	3.39	0	0	17,656,849	**17,656,849**
Richfield	55,516,577	56,466,393	1.71	0	0	56,466,393	**56,466,393**
Robbinsdale	19,974,402	20,302,242	1.64	0	0	20,302,242	**20,302,242**
Rochester	295,467,294	306,519,959	3.74	0	0	306,519,959	**306,519,959**
Rogers	41,763,008	42,278,617	1.23	0	0	42,278,617	**42,278,617**
Rosemount	52,139,809	55,603,343	6.64	0	0	55,603,343	**55,603,343**
Roseville	57,087,435	57,984,633	1.57	0	0	57,984,633	**57,984,633**
Sartell	40,119,191	40,729,374	1.52	0	0	40,729,374	**40,729,374**
Sauk Rapids	33,905,449	34,722,287	2.41	0	0	34,722,287	**34,722,287**
Savage	52,002,257	54,116,091	4.06	0	0	54,116,091	**54,116,091**
Shakopee	77,711,059	81,296,338	4.61	0	0	81,296,338	**81,296,338**
Shoreview	35,670,694	36,508,848	2.35	0	0	36,508,848	**36,508,848**
Shorewood	16,746,424	17,029,194	1.69	0	0	17,029,194	**17,029,194**
South St. Paul	31,760,282	32,295,717	1.69	0	0	32,295,717	**32,295,717**
Spring Lake Park	11,014,310	11,100,759	0.78	0	0	11,100,759	**11,100,759**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
St. Anthony	$13,423,782	$13,757,118	2.48	$0	$0	$13,757,118	**$13,757,118**
St. Cloud	154,755,190	162,454,324	4.98	0	0	162,454,324	**162,454,324**
St. Francis **	23,873,839	19,628,665	(17.78)	23,269,831	0	0	**23,269,831**
St. Joseph *	5,940,130	14,656,811	146.74	0	6,680,864	0	**6,680,864**
St. Louis Park	80,225,350	81,863,883	2.04	0	0	81,863,883	**81,863,883**
St. Michael **	45,011,462	41,103,656	(8.68)	43,872,672	0	0	**43,872,672**
St. Paul	473,362,392	479,548,529	1.31	0	0	479,548,529	**479,548,529**
St. Paul Park	11,950,397	12,129,581	1.50	0	0	12,129,581	**12,129,581**
St. Peter	27,157,747	26,966,289	(0.70)	0	0	26,966,289	**26,966,289**
Stewartville	7,251,293	7,372,111	1.67	0	0	7,372,111	**7,372,111**
Stillwater	35,897,210	36,299,757	1.12	0	0	36,299,757	**36,299,757**
Thief River Falls **	37,937,793	35,048,379	(7.62)	36,977,967	0	0	**36,977,967**
Vadnais Heights	16,654,328	16,935,480	1.69	0	0	16,935,480	**16,935,480**
Victoria	14,043,324	14,273,001	1.64	0	0	14,273,001	**14,273,001**
Virginia	32,520,268	32,233,704	(0.88)	0	0	32,233,704	**32,233,704**
Waconia	28,330,614	28,811,037	1.70	0	0	28,811,037	**28,811,037**
Waite Park ^^	16,672,685	17,037,071	2.19	0	0	17,037,071	**17,037,071**
Waseca	13,633,563	13,863,209	1.68	0	0	13,863,209	**13,863,209**
West St. Paul	26,639,405	26,998,803	1.35	0	0	26,998,803	**26,998,803**
White Bear Lake	38,516,390	39,167,500	1.69	0	0	39,167,500	**39,167,500**
Willmar	62,709,076	63,713,567	1.60	0	0	63,713,567	**63,713,567**
Winona	49,947,663	50,583,812	1.27	0	0	50,583,812	**50,583,812**
Woodbury	132,630,529	138,621,920	4.52	0	0	138,621,920	**138,621,920**
Worthington	22,155,096	22,427,741	1.23	0	0	22,427,741	**22,427,741**
Wyoming	26,692,325	27,684,084	3.72	0	0	27,684,084	**27,684,084**
Zimmerman	9,820,341	9,983,677	1.66	0	0	9,983,677	**9,983,677**
Total	**$7,938,897,676**	**$8,135,134,488**	**2.47%**	**$283,473,049**	**$165,662,945**	**$7,689,246,920**	**$8,138,382,914**

* on the *upper restriction* since Phase-in began (4 cities)
** on the *lower restriction* since Phase-in began (8 cities)
^ was *lower restriction* last year
^^ was *upper restriction* last year
# city was not restricted last year, but restricted this year

NOTES AND COMMENTS

Unencumbered Construction Funds Subcommittee

Meeting Minutes: September 23rd, 2020

Attendees

Marc Culver, UCFS / Roseville
John Gorder, UCFS / Eagan
Bill Lanoux, State Aid
Julie Dresel, State Aid
Marc Briese, State Aid

Meeting Discussion

The UCFS met on Wednesday September 23rd, 2020 to discuss a motion from the Municipal Screening Board for the committee to review the seven year Phase-in Period. Resolutions regarding the Phase-in say the seven year period will begin with the January 2015 allocation and go through the January 2021 allocation. This makes 2020 the final year in which any restrictions would be applied to a city's 25 year Unadjusted Construction Needs. The Municipal Screening Board would like the committee to review the Phase-in and bring a recommendation to the Fall Screening Board meeting.

State Aid distributed a Phase-In report prior to the meeting for the UCFS to review.

Lanoux showed the upcoming 2020 Needs calculations. For this seventh & final year, nine cities are on lower restriction, and six cities are on the upper restriction. Of these 15 cities, only 12 have been "restricted" for all seven years. Lanoux noted the City of Buffalo as an example of a city that wasn't restricted the previous year, but is restricted this year because they added some system mileage in 2020. Lanoux added that this also happened to Faribault last year. The committee questioned whether it was the intent of the phase-in to restrict actual growth. Lanoux noted the restriction has been applied using the bandwidth as stated in resolutions.

The report showed specific data for the 12 cities that have been restricted from the start. Looking at how these cities have been "*phasing in*" over seven years, it's estimated that **only four of these cities for certain would still be restricted beyond 7 years**: *((Crookston (lower), Delano (lower), St. Francis (lower), and St. Joseph (upper))*. The trend shows **four other cities that likely won't be restricted beyond 7 years**: *((Grand Rapids (lower), Litchfield (lower), Brooklyn Center (upper), and Byron (upper))*. **The last 4 cities are noted as *"possibly"* being restricted beyond seven years.** *((Mound, St. Michael, Thief River Falls, (all lower), and Hastings (upper)).*

Some details and comparisons of these cities' restrictions were reviewed. In comparing each city's "restricted needs" to their "unadjusted needs" (page 9), the report uses an estimate of $12.50 per $1000 of Needs to get an idea of the financial impact for each city being restricted this year.

In looking at all of the Needs Recommendations going back to 2011, Lanoux noted that figures for 2013 and 2014 were the same because the Needs we "frozen" that year as the Screening Board waited for the new Needs method to begin in 2015. Because of this, 2013 Needs figures become particularly significant, as these figures are basically the starting point for the seven year phase in. A city with low Needs in 2013 potentially had an unfavorable starting point to the phase-in.

During the seven year phase-in period, the most any city could increase their Needs annually has been 10% points more than State Average Growth. The committee agreed that restricting actual growth was likely not the intent.

In contrast, it was also possible for a city to have a favorable starting point in 2013. A city with strong Needs year in 2013 potentially benefitted from their kick-off point in the phase in.

The UCFS noted that while the phase-in may not have been perfect, it was close - and the plan laid out by the Needs Study Task Force years ago seems to have worked as intended. Most cities are no longer restricted and for the few cities left that still are being restricted, the gains / losses are mostly minimal, with few exceptions.

There are very few cities left on the he upper restriction, and this restriction may no longer be serving its' original intent. It appears that this restriction should retire one year ahead of schedule.

RECOMMENDATION:

The UCFS recommends applying the *lower restriction* for the seventh (and final) year of the phase-in. Consistent with Screening Board resolutions, cities will have their 2020 unadjusted 25-year Construction Needs compared to their previous year's Restricted Needs: If an individual city's Percent of Change is greater than 5 Percentage Points *less than* the Statewide Average Percent of Change, the city's Unadjusted Needs will increase up to 5 Percentage Points less than the Statewide Average Percent of Change

The low restriction adjustment will only be applied to cities that have been on the lower restriction since the phase-in period began. Cities that were not restricted in any year since the phase-in began, but have seen their 25-year Construction Needs decline in the current year, cannot "fall-in" to receiving a low restriction adjustment.

The UCFS recommends eliminating the *upper restriction* for 2020. Any city that is not on the lower restriction should have their 2021 construction Needs allocation based off their unadjusted 25-year Construction Needs figures.

Per an action by the Fall 2013 Screening Board which recommended an annual review of the phase-in, the UCFS recommends this committee meet again in September 2021 and assess the ending of the Phase-in to see if any further recommendations regarding an extended period to the lower restriction are necessary.

Motion carried unanimously.

Respectfully Submitted,

John Gorder / UCFS Secretary

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 ***-5.0 % points*** under state avg for the restriction to apply)

CITY	2014	2015	2016	2017	2018	2019	2020	*avg annual change*
Crookston	-39.0	-31.8	-23.3	-23.5	-21.3	-17.5	**-13.8**	*-4.2*
Delano	-37.2	-32.4	-26.1	-25.2	-21.2	-18.0	**-14.2**	*-3.8*
Grand Rapids *	-36.0	-32.0	-26.4	-20.2	-15.6	-11.7	**-7.6**	*-4.7*
Litchfield *	-34.6	-30.4	-25.6	-19.9	-15.1	-11.8	**-7.7**	*-4.5*
Mound ^	-38.5	-34.1	-27.8	-22.3	-18.0	-15.0	**-11.0**	*-4.6*
St. Francis	-39.0	-33.3	-28.3	-22.8	-18.4	-24.0	**-20.3**	*-3.1*
St. Michael ^	-42.0	-37.5	-32.2	-26.7	-20.8	-16.4	**-11.2**	*-5.1*
Thief River Falls ^	-38.6	-33.1	-27.8	-25.0	-18.8	-14.6	**-10.1**	*-4.8*

Upper Restriction Cities, since 2014

% points *above* State Aid City Average

(has to be ***+10.0 % points*** over state avg for the restriction to apply)

CITY	2014	2015	2016	2017	2018	2019	2020	*avg annual change*
Brooklyn Center *	110.7	92.6	65.0	50.5	35.8	23.4	**11.4**	*16.5*
Byron *	28.8	32.1	19.2	45.4	41.5	25.1	**11.4**	*2.9*
Hastings ^	101.9	94.9	77.0	61.5	45.7	32.6	**18.6**	*13.9*
St. Joseph	151.7	128.6	173.0	152.4	136.5	116.6	**144.3**	*1.2*

* Estimated that the city will no longer have restricted Needs after 2020

^ Possible that the city may no longer have restricted Needs after 2020

highlighted = will still be restricted after seven year phase in period

Difference between Unadjusted Needs and Restricted Needs, 2020

Lower Restriction Cities since 2014

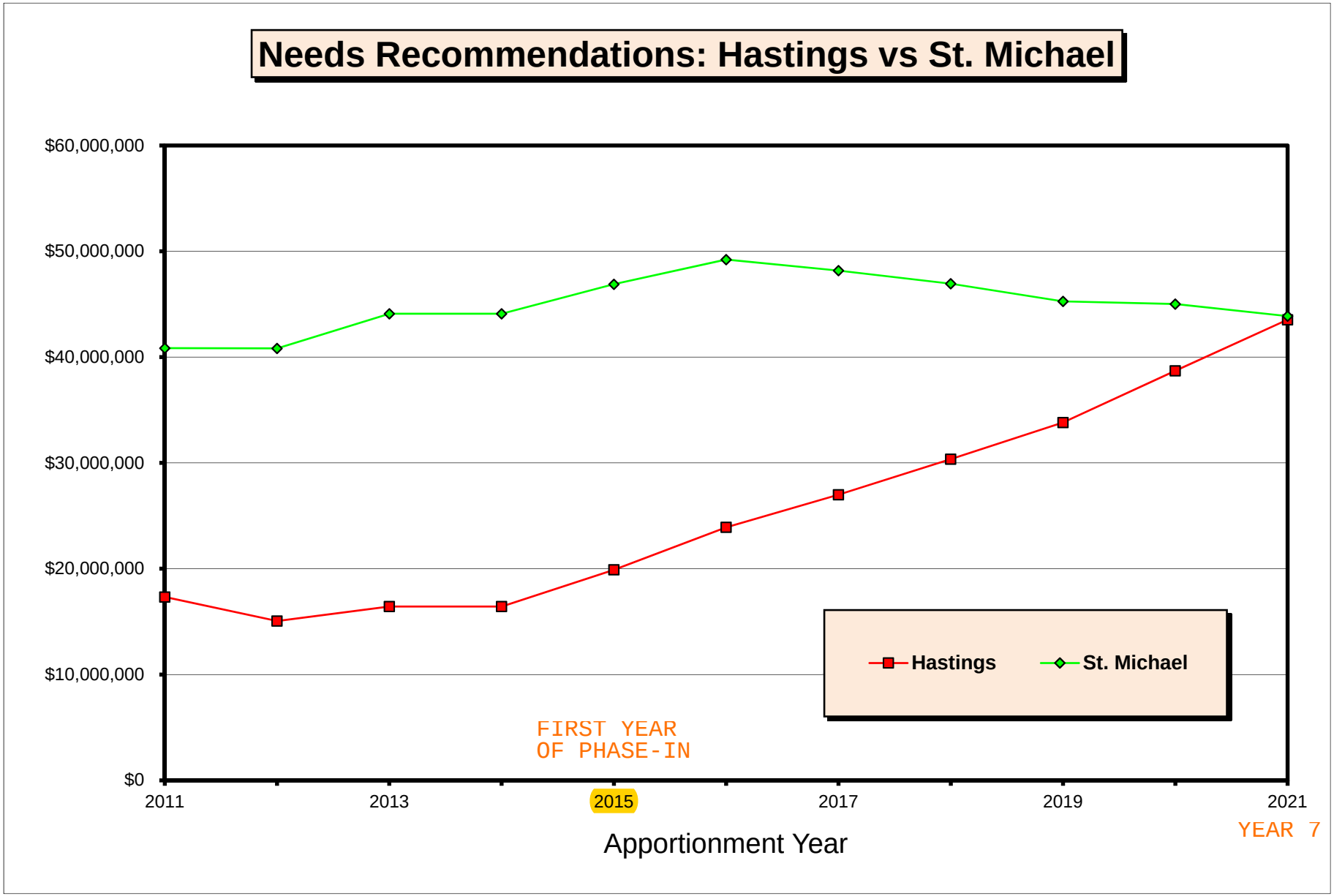
City	Unadjusted Needs 2020	Restricted Needs 2020	Difference	% Difference
Crookston	$25,288,614	$27,803,737	$2,515,123	9.9
Delano	$11,169,435	$12,330,775	$1,161,340	10.4
Grand Rapids	$49,051,096	$50,419,094	$1,367,998	2.8
Litchfield	$14,480,823	$14,894,844	$414,021	2.9
Mound	$13,591,627	$14,478,206	$886,579	6.5
St. Francis	$19,628,665	$23,269,831	$3,641,166	18.6
St. Michael	$41,103,656	$43,872,672	$2,769,016	6.7
Thief River Falls	$35,048,379	$36,977,967	$1,929,588	5.5

Upper Restriction Cities since 2014

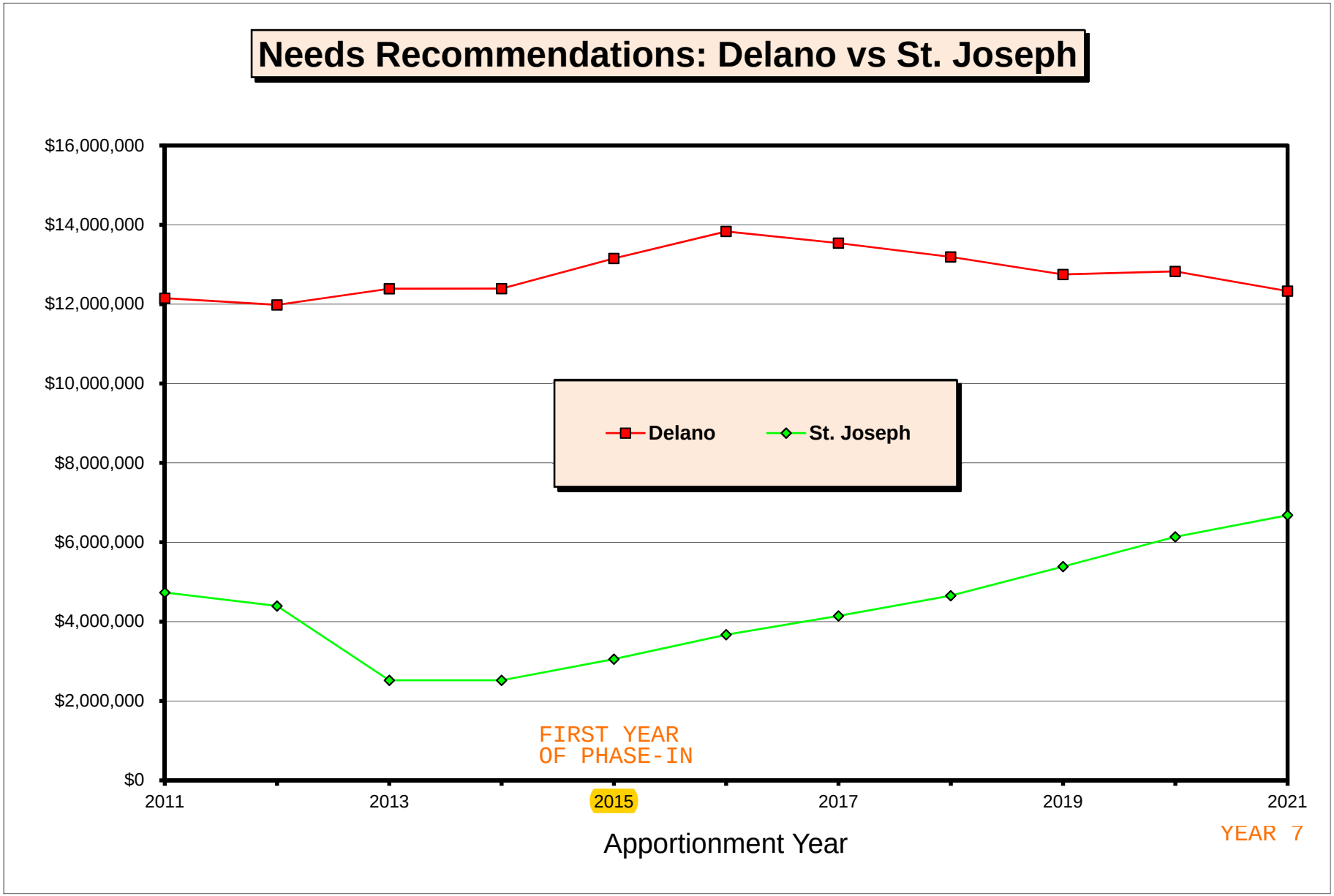
City	Unadjusted Needs 2020	Restricted Needs 2020	Difference	% Difference
Brooklyn Center	$49,120,243	$48,500,316	-$619,927	-1.3
Byron	$14,180,260	$14,012,065	-$168,195	-1.2
Hastings	$46,861,676	$43,531,905	-$3,329,771	-7.1
St. Joseph	$14,656,811	$6,680,864	-$7,975,947	-54.4

RESTRICTED CITY GRAPHS, 2011 - 2021

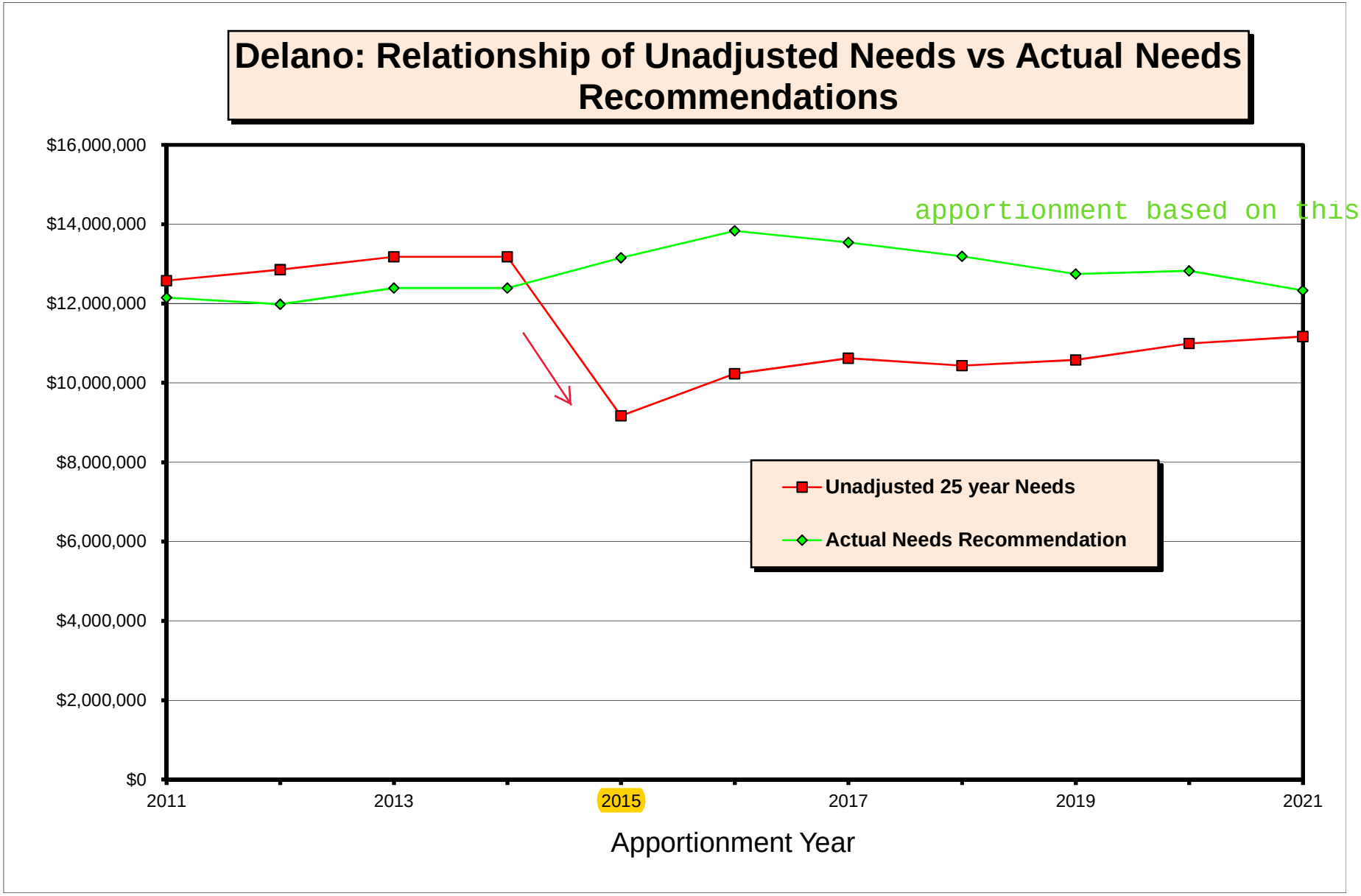
DELANO (LOWER)
ST. MICHAEL (LOWER)
HASTINGS (UPPER)
ST JOSEPH (UPPER)

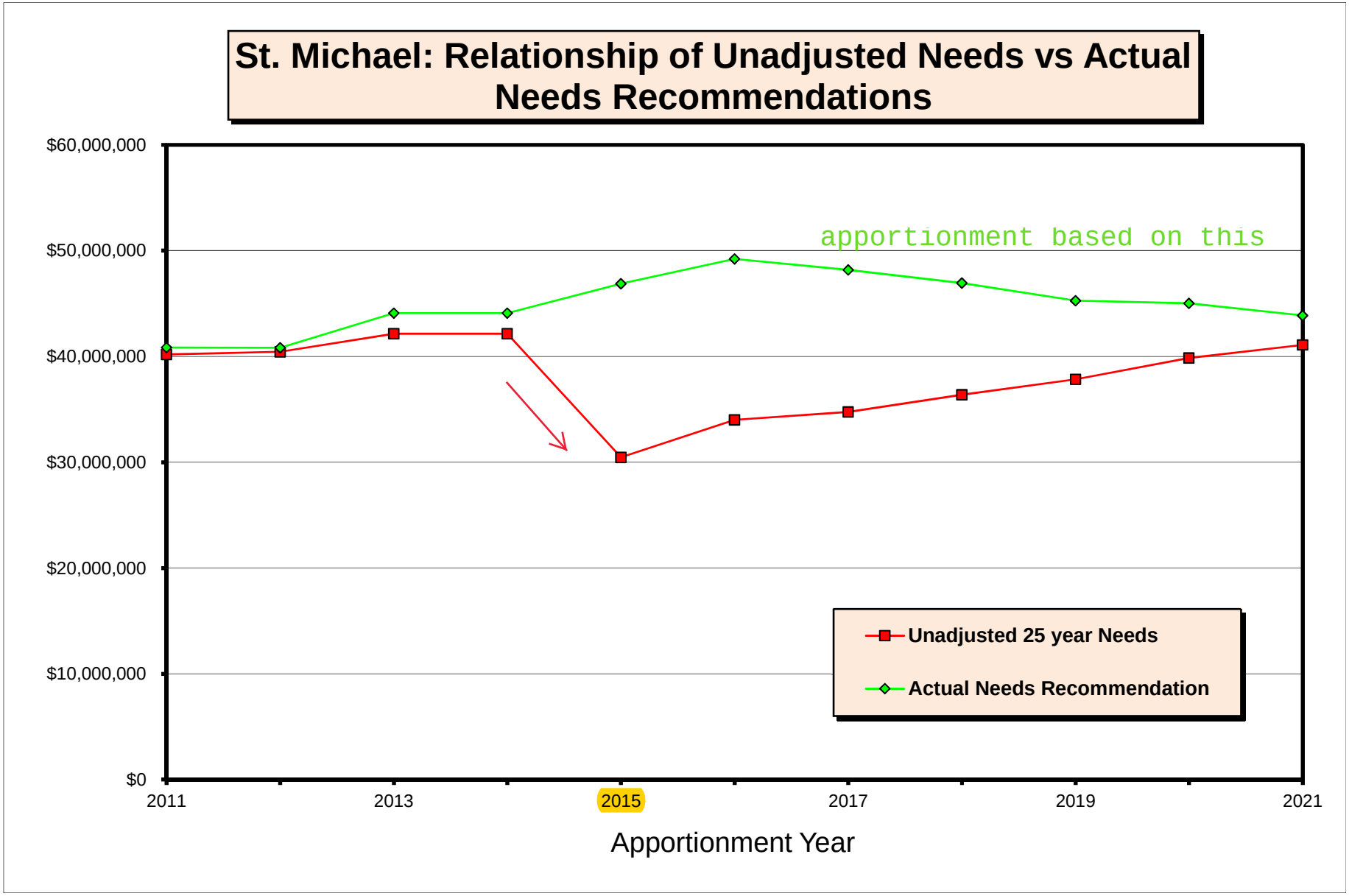


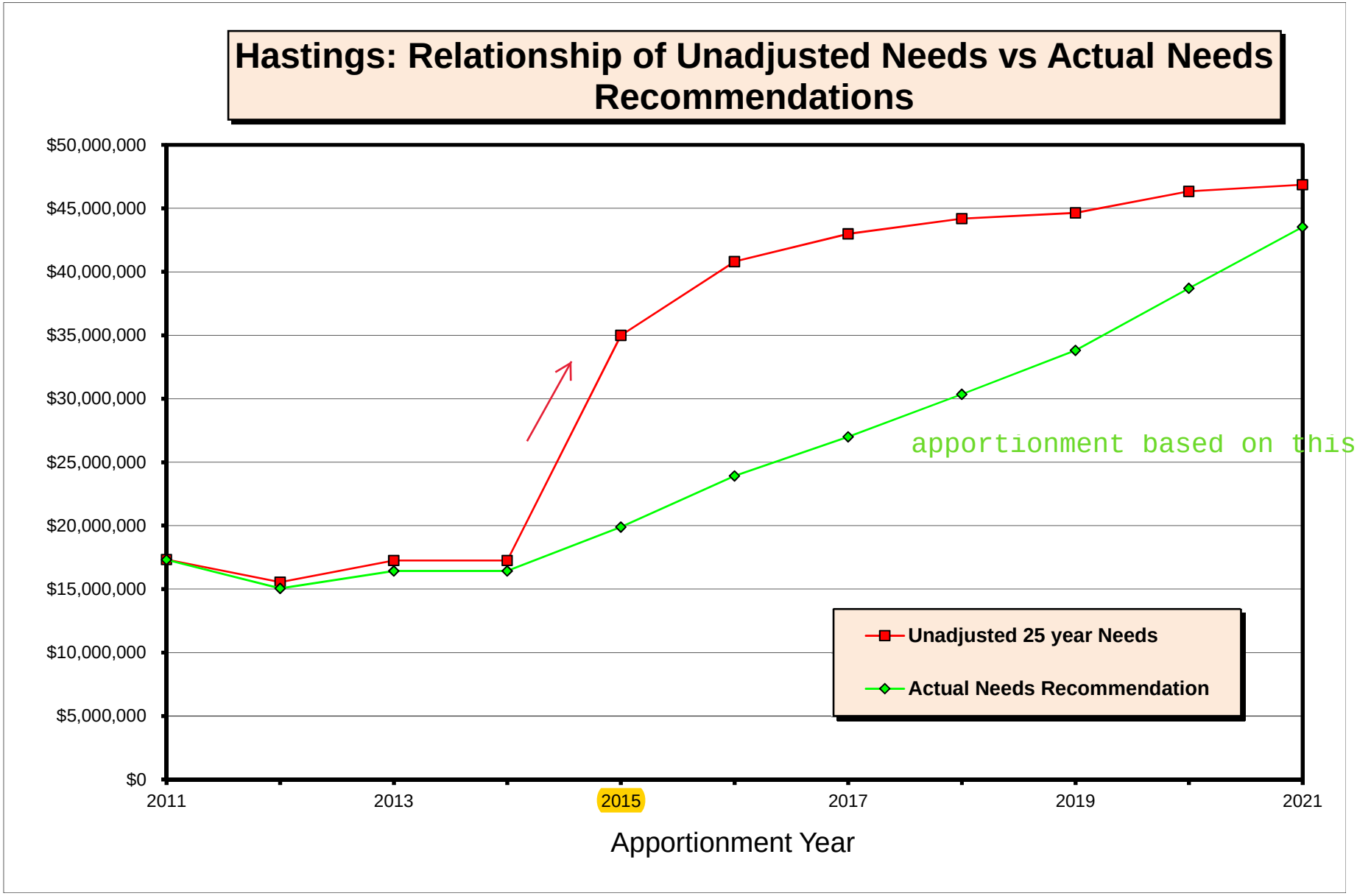
2020 UCFS DATA FOLDER

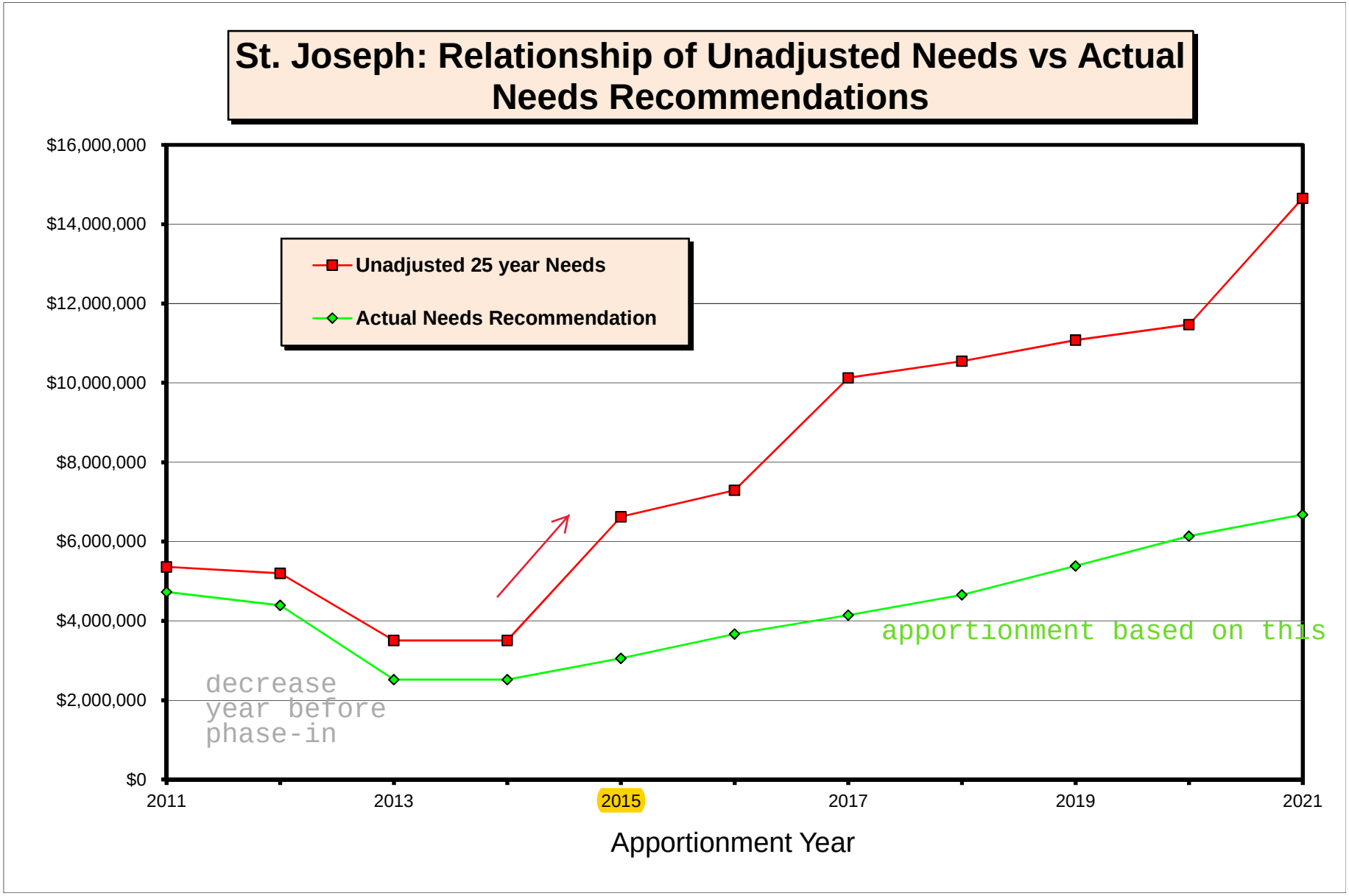


2020 UCFS DATA FOLDER


Delano: Relationship of Unadjusted Needs vs Actual Needs Recommendations
$16,000,000
$14,000,000
$12,000,000
$10,000,000
$8,000,000
$6,000,000
$4,000,000
$2,000,000
$0
2011
2013
2015
2017
2019
2021
Apportionment Year
apportionment based on this
Unadjusted 25 year Needs
Actual Needs Recommendation


St. Michael: Relationship of Unadjusted Needs vs Actual Needs Recommendations
$60,000,000
$50,000,000
$40,000,000
$30,000,000
$20,000,000
$10,000,000
$0
2011
2013
2015
2017
2019
2021
Apportionment Year
apportionment based on this
Unadjusted 25 year Needs
Actual Needs Recommendation


Hastings: Relationship of Unadjusted Needs vs Actual Needs Recommendations
$50,000,000
$45,000,000
$40,000,000
$35,000,000
$30,000,000
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
2011
2013
2015
2017
2019
2021
Apportionment Year
apportionment based on this
Unadjusted 25 year Needs
Actual Needs Recommendation


St. Joseph: Relationship of Unadjusted Needs vs Actual Needs Recommendations
$16,000,000
$14,000,000
$12,000,000
$10,000,000
$8,000,000
$6,000,000
$4,000,000
$2,000,000
$0
Unadjusted 25 year Needs
Actual Needs Recommendation
decrease year before phase-in
apportionment based on this
2011
2013
2015
2017
2019
2021
Apportionment Year

NOTES AND COMMENTS

Restricted Cities, 2014

Legend

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

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

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

INSET

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

Source: State Aid

Restricted Cities, 2020

Legend

lower restriction	(9)
upper restriction	(6)
no restriction	(133)
na (North Oaks)	(1)

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

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

INSET

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

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, 2020 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 17, 2020 balance is used for this report. The final adjustment will be made using the December 31, 2020 construction fund balances.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

For 2021 distribution

Municipality	January 2020 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2020	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	$844,786	$491,566	0.582				$49,553,800	0.0110	$171,865
Albertville	369,058	1,667,758	**4.519**		1	($1,667,758)			
Alexandria	910,645	(1,561,260)	(1.714)				$64,350,150	0.0143	$223,183
Andover	1,321,044	0	0.000				68,889,904	0.0153	238,928
Anoka	703,153	(1,872,370)	(2.663)				34,372,928	0.0076	119,214
Apple Valley	1,871,479	1,957,688	1.046						
Arden Hills	316,394	(1,225,355)	(3.873)				12,393,131	0.0028	42,983
Austin	1,450,243	2,848,819	1.964						
Baxter	518,603	(967,500)	(1.866)				35,825,475	0.0080	124,252
Belle Plaine	296,473	211,388	0.713				16,898,034	0.0038	58,607
Bemidji	684,293	1,073,687	1.569						
Big Lake	378,557	(339,230)	(0.896)				17,916,791	0.0040	62,140
Blaine	2,393,644	4,842,571	2.023						
Bloomington	3,138,551	8,957,760	2.854						
Brainerd	884,308	(2,994,115)	(3.386)				40,657,156	0.0090	141,010
Brooklyn Center	1,252,471	(435,859)	(0.348)				43,122,891	0.0096	149,561
Brooklyn Park	2,852,922	1,826,301	0.640				127,076,969	0.0282	440,736
Buffalo	672,832	1,056,417	1.570						
Burnsville	2,267,887	1,265,166	0.558				105,338,872	0.0234	365,342
Byron	235,917	961,033	**4.074**	No Adjustment / balance under 1.5 million					
Cambridge	638,932	0	0.000				34,363,877	0.0076	119,183
Champlin	874,055	0	0.000				40,979,865	0.0091	142,129
Chanhassen	985,881	991,267	1.005						
Chaska	966,103	148,237	0.153				42,796,492	0.0095	148,429
Chisago City	236,612	(176,427)	(0.746)				13,243,579	0.0029	45,932
Chisholm	239,169	(437,904)	(1.831)				14,334,724	0.0032	49,717
Circle Pines	198,679	123,679	0.623				5,961,916	0.0013	20,677
Cloquet	547,737	0	0.000				39,534,643	0.0088	137,116
Columbia Heights	635,404	439,260	0.691				22,922,006	0.0051	79,499
Coon Rapids	2,792,542	(3,191,277)	(1.143)				100,984,145	0.0224	350,239
Corcoran	292,312	1,781,083	**6.093**		1	(1,781,083)			
Cottage Grove	1,822,498	1,592,676	0.874				67,284,742	0.0149	233,361
Crookston	437,950	1,175,132	2.683						
Crystal	759,943	(950,079)	(1.250)				30,657,941	0.0068	106,330
Dayton	270,559	(460,000)	(1.700)				15,381,981	0.0034	53,349

Municipality	January 2020 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2020	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	$247,744	($903,533)	(3.647)				$12,650,841	0.0028	$43,876
Detroit Lakes	656,161	(1,202,980)	(1.833)				47,784,190	0.0106	165,728
Duluth	4,257,750	(1,506,853)	(0.354)				$262,388,543	0.0583	910,031
Eagan	3,186,390	(143,265)	(0.045)				111,220,898	0.0247	385,743
East Bethel	645,918	651,835	1.009						
East Grand Forks	460,026	620,372	1.349						
Eden Prairie	2,656,286	487,440	0.184				112,751,505	0.0250	391,051
Edina	2,003,752	1,844,696	0.921				98,737,497	0.0219	342,447
Elk River	1,259,214	3,601,568	2.860						
Fairmont	599,611	825,964	1.377						
Falcon Heights	163,731	590,423	**3.606**	No Adjustment / balance under 1.5 million					
Faribault	1,061,512	994,801	0.937				60,111,791	0.0133	208,483
Farmington	653,696	106,041	0.162				30,938,527	0.0069	107,303
Fergus Falls	876,307	2,025,492	2.311						
Forest Lake	980,778	(153,284)	(0.156)				58,594,609	0.0130	203,221
Fridley	846,088	1,334,726	1.578						
Glencoe	285,802	864,329	**3.024**	No Adjustment / balance under 1.5 million					
Golden Valley	881,113	1,403,546	1.593						
Grand Rapids	702,165	594,392	0.847				51,727,808	0.0115	179,405
Ham Lake	814,125	(660,749)	(0.812)				49,078,639	0.0109	170,217
Hastings	835,599	1,419,500	1.699						
Hermantown	656,471	254,098	0.387				35,402,894	0.0079	122,786
Hibbing	1,120,640	197,802	0.177				87,102,570	0.0193	302,094
Hopkins	614,923	0	0.000				23,096,610	0.0051	80,105
Hugo	653,456	0	0.000				35,983,039	0.0080	124,798
Hutchinson	902,948	846,545	0.938				42,620,845	0.0095	147,820
International Falls	317,383	(296,138)	(0.933)				12,284,929	0.0027	42,607
Inver Grove Heights	1,361,011	(1,006,783)	(0.740)				66,717,154	0.0148	231,392
Isanti	221,533	(344,041)	(1.553)				10,469,355	0.0023	36,310
Jordan	238,456	88,895	0.373				11,944,759	0.0027	41,428
Kasson	240,242	1,161,622	**4.835**	No Adjustment / balance under 1.5 million					
LaCrescent	188,704	348,017	1.844						
Lake City	229,469	396,861	1.729						
Lake Elmo	520,699	(63,048)	(0.121)				31,810,749	0.0071	110,328
Lakeville	3,172,712	1,607,712	0.507				133,928,448	0.0297	464,498
Lino Lakes	816,064	(435,645)	(0.534)				40,066,347	0.0089	138,960
Litchfield	283,181	(1,047,132)	(3.698)				15,281,465	0.0034	53,000
Little Canada	402,716	284,722	0.707				20,190,585	0.0045	70,026
Little Falls	695,355	2,615,070	**3.761**		1	(2,615,070)			

Municipality	January 2020 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2020	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	$311,969	$370,579	1.188						
Mankato	1,829,826	0	0.000				$98,868,267	0.0220	$342,901
Maple Grove	2,563,804	5,162,751	2.014						
Maplewood	1,756,990	0	0.000				72,887,387	0.0162	252,792
Marshall	837,453	(3,674,883)	(4.388)				37,634,020	0.0084	130,524
Medina	314,594	996,670	3.168	No Adjustment / balance under 1.5 million					
Mendota Heights	503,438	1,653,996	**3.285**		1	(1,653,996)			
Minneapolis	12,380,191	13,274,353	1.072						
Minnetonka	2,040,327	2,215,778	1.086						
Minnetrista	348,049	1,387,409	**3.986**	No Adjustment / balance under 1.5 million					
Montevideo	323,249	203,144	0.628				14,932,871	0.0033	51,791
Monticello	515,737	(1,812,433)	(3.514)				24,583,717	0.0055	85,263
Moorhead	2,189,686	1,541,657	0.704				130,397,917	0.0290	452,254
Morris	254,641	430,429	1.690						
Mound	329,875	(289,215)	(0.877)				14,854,013	0.0033	51,518
Mounds View	441,289	0	0.000				18,204,060	0.0040	63,136
New Brighton	711,244	(450,520)	(0.633)				25,964,287	0.0058	90,051
New Hope	695,197	(1,420,381)	(2.043)				27,075,282	0.0060	93,904
New Prague	293,419	203,231	0.693				13,723,915	0.0030	47,598
New Ulm	782,973	615,308	0.786				34,495,848	0.0077	119,640
North Branch	631,407	143,757	0.228				43,303,141	0.0096	150,186
North Mankato	570,677	(2,613,155)	(4.579)				33,037,221	0.0073	114,582
North St. Paul	439,310	(2,196,550)	(5.000)				19,913,097	0.0044	69,064
Northfield	719,495	(2,296,385)	(3.192)				32,319,937	0.0072	112,094
Oak Grove	558,718	388,523	0.695				38,803,881	0.0086	134,582
Oakdale	921,738	0	0.000				37,075,378	0.0082	128,587
Orono	313,257	149,331	0.477				18,347,387	0.0041	63,633
Otsego	754,264	(3,624,655)	(4.806)				40,470,951	0.0090	140,364
Owatonna	1,491,682	2,406,341	1.613						
Plymouth	3,042,037	0	0.000				150,167,228	0.0333	520,819
Prior Lake	774,652	0	0.000				38,203,683	0.0085	132,500
Ramsey	1,096,651	1,261,695	1.150						
Red Wing	710,890	137,974	0.194				49,879,686	0.0111	172,996
Redwood Falls	274,898	108,386	0.394				17,077,381	0.0038	59,229
Richfield	1,325,301	(218,649)	(0.165)				55,516,577	0.0123	192,546
Robbinsdale	487,050	1,979,291	**4.064**		1	(1,979,291)			
Rochester	5,784,358	7,280,271	1.259						
Rogers	665,760	2,147,020	**3.225**		1	(2,147,020)			
Rosemount	992,132	549,385	0.554				52,139,809	0.0116	180,834

Municipality	January 2020 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 8/17/2020	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	$1,275,718	$2,227,849	1.746						
Sartell	1,007,671	(4,000,000)	(3.970)				40,119,191	0.0089	139,144
Sauk Rapids	793,913	(198,072)	(0.249)				33,905,449	0.0075	117,593
Savage	1,472,764	(2,340,851)	(1.589)				52,002,257	0.0115	180,357
Shakopee	1,580,168	2,375,257	1.503						
Shoreview	871,701	(990,417)	(1.136)				35,670,694	0.0079	123,715
Shorewood	317,576	705,748	2.222						
South Saint Paul	722,903	43,518	0.060				31,760,282	0.0071	110,153
Spring Lake Park	234,385	0	0.000				11,014,310	0.0024	38,200
St. Anthony	310,321	(1,463,896)	(4.717)				13,423,782	0.0030	46,557
St Cloud	2,893,433	0	0.000				154,755,190	0.0344	536,731
St Francis	389,506	151,040	0.388				23,873,839	0.0053	82,801
St Joseph	204,358	235,921	1.154						
St Louis Park	1,370,188	235	0.000				80,225,350	0.0178	278,242
St Michael	793,041	(532,615)	(0.672)				45,011,462	0.0100	156,111
St Paul	10,891,373	26,796,281	2.460						
St Paul Park	228,557	0	0.000				11,950,397	0.0027	41,447
St Peter	589,992	889,377	1.507						
Stewartville	194,004	338,928	1.747						
Stillwater	744,544	273,490	0.367				35,897,210	0.0080	124,501
Thief River Falls	559,654	(338,895)	(0.606)				37,937,793	0.0084	131,578
Vadnais Heights	423,553	1,366,250	**3.226**	No Adjustment / balance under 1.5 million					
Victoria	333,162	1,136,679	**3.412**	No Adjustment / balance under 1.5 million					
Virginia	490,770	769,084	1.567						
Waconia	536,535	1,885,612	**3.514**		1	(1,885,612)			
Waite Park	421,943	829,492	1.966						
Waseca	321,268	126,273	0.393				13,633,563	0.0030	47,285
West St Paul	677,323	451,710	0.667				26,639,405	0.0059	92,392
White Bear Lake	879,415	546,535	0.621				38,516,390	0.0086	133,585
Willmar	1,011,277	1,239,371	1.226						
Winona	1,034,077	1,602,118	1.549						
Woodbury	2,706,170	(606,961)	(0.224)				132,630,529	0.0295	459,997
Worthington	544,697	1,888,023	**3.466**		1	(1,888,023)			
Wyoming	420,274	(150,209)	(0.357)				26,692,325	0.0059	92,576
Zimmerman	269,951	(799,979)	(2.963)				9,820,341	0.0022	34,059
Total	**$160,265,780**	**$96,670,479**				**($15,617,854)**	**$4,503,083,307**	**1.0000**	**$15,617,854**

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NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

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

13-Jul-20

Municipality	Total Right-of-Way Expenditures for 2020 Allocations	+	New Right-of-Way Expenditures for 2021 Allocation	+	Expired Right-of-Way Expenditures in 2020	=	Total Right-of-Way Expenditures for 2021 Allocations
Albert Lea							
Albertville							
Alexandria	$400,118						**$400,118**
Andover	13,409				($89)		**13,320**
Anoka							
Apple Valley							
Arden Hills							
Austin							
Baxter							
Belle Plaine	1,224,822						**1,224,822**
Bemidji							
Big Lake							
Blaine	5,443,699						**5,443,699**
Bloomington *	1,671,448				(128,462)		**1,542,986**
Brainerd	1,255,447						**1,255,447**
Brooklyn Center							
Brooklyn Park	46,393				(2,008)		**44,385**
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	291,317						**291,317**
Crookston							
Crystal							
Dayton			1,181,809				**1,181,809**
Delano	175,816		24,184				**200,000**
Detroit Lakes	51,476						**51,476**
Duluth	2,506,670						**2,506,670**
Eagan	4,428,870				(55,985)		**4,372,885**
East Bethel	774,783						**774,783**
East Grand Forks	141,624						**141,624**
Eden Prairie **	974,094		250,595				**1,224,689**
Edina							
Elk River	1,181,008						**1,181,008**
Fairmont							
Falcon Heights							
Faribault **	114,986		$55,810		(25,486)		**145,310**
Farmington							

Municipality	Total Right-of-Way Expenditures for 2020 Allocations	+	New Right-of-Way Expenditures for 2021 Allocation	+	Expired Right-of-Way Expenditures in 2020	=	Total Right-of-Way Expenditures for 2021 Allocations
Fergus Falls	$318,549						**$318,549**
Forest Lake							
Fridley							
Glencoe							
Golden Valley							
Grand Rapids	2,333,201						**2,333,201**
Ham Lake	972,196		$39,174		($38,288)		**973,082**
Hastings							
Hermantown *	200,831				(124,855)		**75,976**
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		103,750				**232,821**
Lakeville	985,479						**985,479**
Lino Lakes	244,162						**244,162**
Litchfield							
Little Canada							
Little Falls	1,103,195						**1,103,195**
Mahtomedi							
Mankato	134,892				(82,695)		**52,197**
Maple Grove	1,468,004				(1,468,004)		
Maplewood *	5,224,777				(3,167,817)		**2,056,960**
Marshall	302,397						**302,397**
Medina							
Mendota Heights	23,941				(1,795)		**22,146**
Minneapolis	181,087						**181,087**
Minnetonka							
Minnetrista	145,293						**145,293**
Montevideo	13,949				(13,949)		
Monticello							
Moorhead	4,365,026		51,941		(156,112)		**4,260,855**
Morris							
Mound							
Mounds View							
New Brighton	111,812						**111,812**
New Hope							
New Prague	6,287						**6,287**
New Ulm							
North Branch	38,362		25,548				**63,910**
North Mankato	64,226						**64,226**
North St. Paul	448,302						**448,302**
Northfield							
Oak Grove	685,176				(20,608)		**664,568**
Oakdale			1,572,366				**1,572,366**
Orono							
Otsego	1,617,268						**1,617,268**

Municipality	Total Right-of-Way Expenditures for 2020 Allocations	+	New Right-of-Way Expenditures for 2021 Allocation	+	Expired Right-of-Way Expenditures in 2020	=	Total Right-of-Way Expenditures for 2021 Allocations
Owatonna *	$115,937				($115,937)		
Plymouth	2,490,023						**$2,490,023**
Prior Lake	423,049						**423,049**
Ramsey	207,749						**207,749**
Red Wing							
Redwood Falls	383,850						**383,850**
Richfield	7,794,033						**7,794,033**
Robbinsdale							
Rochester *	2,571,811				(520,167)		**2,051,644**
Rogers							
Rosemount	99,550		$88,400				**187,950**
Roseville							
Sartell	1,406,000						**1,406,000**
Sauk Rapids	407,639						**407,639**
Savage*	400,000				(400,000)		
Shakopee							
Shoreview	9,300						**9,300**
Shorewood	173,214				(150,728)		**22,486**
South St. Paul							
Spring Lake Park							
St Anthony							
St Cloud	3,189,440				(153,330)		**3,036,110**
St Francis	14,990						**14,990**
St Joseph	197,142		33,001				**230,143**
St Louis Park							
St Michael							
St Paul	13,496,986						**13,496,986**
St Paul Park	65,293				(19,599)		**45,694**
St Peter	1,792,922		42,848		(31,200)		**1,804,570**
Stewartville							
Stillwater							
Thief River Falls	467,865						**467,865**
Vadnais Heights	17,096						**17,096**
Victoria							
Virginia							
Waconia							
Waite Park	855,017						**855,017**
Waseca	213,261						**213,261**
West St. Paul							
White Bear Lake							
Willmar							
Winona							
Woodbury	942,597						**942,597**
Worthington							
Wyoming			16,500				**16,500**
Zimmerman							
Total	**$84,776,726**		**$3,485,926**		**($6,684,114)**		**$81,578,538**

* more than one expenditure expired in 2020

** more than one new expenditure added for 2021

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NEW RIGHT-OF-WAY ADJUSTMENTS FOR 2021

MUNICIPALITY	PROJECT	AMOUNT
Dayton	229-112-001	$1,181,809
Delano	247-105-001	$24,184
Eden Prairie	181-101-005	$12,200
Eden Prairie	181-102-004	$226,845
Eden Prairie	181-107-008	$11,550
Fairibault	125-116-006	$45,077
Fairibault	125-130-001	$10,733
Ham Lake	197-125-004	$39,174
Lake Elmo	206-120-001	$103,750
Moorhead	144-129-005	$51,941
North Branch	225-104-005	$25,548
Oakdale	185-241-080	$1,572,366
Rosemount	208-105-002	$88,400
St. Joseph	233-108-002	$33,001
St. Peter	165-109-004	$42,848
Wyoming	248-121-001	$16,500
TOTAL		**$3,485,926**

EXPIRED RIGHT-OF-WAY ADJUSTMENTS, 2020

MUNICIPALITY	PROJECT	AMOUNT
Andover	198-119-003	$89
Bloomington	107-413-008	$9,348
Bloomington	107-415-022	$119,114
Brooklyn Park	110-104-010	$2,008
Eagan	195-114-005	$55,985
Faribault	125-137-001	$25,486
Ham Lake	197-125-004	$38,288
Hermantown	202-103-007	$74,226
Hermantown	202-103-007	$50,629
Lake City	234-119-001	$7,000
Mankato	137-116-005	$82,695
Maple Grove	189-101-003	$1,468,004
Maplewood	138-121-003 & 138-112-005	$2,469,720
Maplewood	138-142-001	$618,997
Maplewood	138-105-001	$1,500
Maplewood	138-112-006	$77,600
Mendota Heights	140-106-003	$1,795
Montevideo	143-117-002	$13,949
Moorhead	144-135-005	$156,112
Oak Grove	223-103-001	$20,608
Owatonna	153-125-006	$56,126
Owatonna	153-134-001	$59,811
Rochester	159-104-010	$1,718
Rochester	159-140-002	$127,306
Rochester	159-140-002	$351,701
Rochester	159-157-002	$39,442
Savage	211-109-001	$20,000
Savage	211-109-001	$380,000
Shorewood	216-109-001	$150,728
St. Cloud	162-114-008	$153,330
St. Paul Park	184-080-02	$19,599
St. Peter	165-126-002	$31,200
TOTAL		**$6,684,114**

AFTER THE FACT RETAINING WALL ADJUSTMENT

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

Municipality	Retaining Wall Expenditures for 2020 Allocations	New Retaining Wall Expenditures for 2021	Retaining Wall Expenditures Expired in 2020	Total Retaining Wall Adjustment for 2021 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	19,680	0	231,160
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 *	2,625,772	417,917	0	3,043,689
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	307,791	0	0	307,791
Moorhead	375,667	0	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	**$6,757,755**	**$437,597**	**$0**	**$7,195,352**

* city had two new expenditures in 2020

NEW PROJECT LISTING OF RETAINING WALL CONSTRUCTION

requested in 2020

Municipality	Project or Route	Amount	Total Adjustment
Brainerd	108-591-005	$19,680	19,680
Duluth	118-171-006	$266,800	
Duluth	118-060-012	$151,117	$417,917
Total		**$437,597**	**$437,597**

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**

2020 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS

for January **2021** apportionment

		ADJUSTMENTS						
Municipality	**Restricted (Phase in) Needs for Jan. 2021 Distribution**	*** Excess Balance Adjustment redistributed as Low Balance Incentive**	**(+) After the Fact Railroad Bridge over MSAS Route**	**(+) After the Fact Right of Way Adjustment**	**(+) After the Fact Retaining Wall Adjustment**	**(+) After the Fact Railroad Crossing Adjustment**	**Total Adjustments**	**Adjusted Restricted Construction Needs**
Albert Lea	$50,361,767	$169,955			$67,342		$67,342	**$50,429,109**
Albertville	14,300,947	(1,667,758)					0	**14,300,947**
Alexandria	66,522,164	224,491		$400,118	25,633		425,751	**66,947,915**
Andover	70,416,582	237,633		13,320	20,197		33,517	**70,450,099**
Anoka	34,917,501	117,835					0	**34,917,501**
Apple Valley	84,896,195						0	**84,896,195**
Arden Hills	12,741,131	42,997					0	**12,741,131**
Austin	66,933,983						0	**66,933,983**
Baxter	36,536,636	123,299					0	**36,536,636**
Belle Plaine	17,167,634	57,935		1,224,822			1,224,822	**18,392,456**
Bemidji	39,319,355						0	**39,319,355**
Big Lake	18,215,822	61,473					0	**18,215,822**
Blaine	107,280,587			5,443,699			5,443,699	**112,724,286**
Bloomington	190,279,258			1,542,986	283,112		1,826,098	**192,105,356**
Brainerd	42,941,912	144,915		1,255,447	231,160		1,486,607	**44,428,519**
Brooklyn Center	48,500,316	163,673					0	**48,500,316**
Brooklyn Park	132,170,289	446,032		44,385			44,385	**132,214,674**
Buffalo	37,502,509			1,550,985	61,252	$528,566	2,140,803	**39,643,312**
Burnsville	107,146,428	361,585					0	**107,146,428**
Byron	14,012,065						0	**14,012,065**
Cambridge	35,539,289	119,934			28,020	234,357	262,377	**35,801,666**
Champlin	41,746,169	140,880		62,348			62,348	**41,808,517**
Chanhassen	48,428,913						0	**48,428,913**
Chaska	45,610,650	153,921		210,039			210,039	**45,820,689**
Chisago City	13,585,508	45,847					0	**13,585,508**
Chisholm	14,335,604	48,378					0	**14,335,604**
Circle Pines	6,061,806	20,457		82,365			82,365	**6,144,171**
Cloquet	40,247,373	135,822			81,498		81,498	**40,328,871**
Columbia Heights	23,309,042	78,661					0	**23,309,042**
Coon Rapids	105,949,279	357,545		2,469,664			2,469,664	**108,418,943**
Corcoran	24,453,113	(1,781,083)					0	**24,453,113**
Cottage Grove	75,483,478	254,733		291,317			291,317	**75,774,795**
Crookston	27,803,737						0	**27,803,737**
Crystal	31,150,598	105,123			42,510		42,510	**31,193,108**
Dayton	15,637,338	52,771		1,181,809			1,181,809	**16,819,147**
Delano	12,330,775	41,612		200,000			200,000	**12,530,775**
Detroit Lakes	48,792,272	164,658		51,476			51,476	**48,843,748**
Duluth	266,202,523	898,348		2,506,670	3,043,689		5,550,359	**271,752,882**
Eagan	111,735,795	377,073		4,372,885			4,372,885	**116,108,680**

Municipality	Restricted (Phase in) Needs for Jan. 2021 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	$41,839,343			$774,783			$774,783	**$42,614,126**
East Grand Forks	39,049,051			141,624			141,624	**39,190,675**
Eden Prairie	114,792,335	387,387		1,224,689	$129,789		1,354,478	**116,146,813**
Edina	101,204,180	341,532					0	**101,204,180**
Elk River	78,443,134			1,181,008			1,181,008	**79,624,142**
Fairmont	40,343,425						0	**40,343,425**
Falcon Heights	5,719,159						0	**5,719,159**
Faribault	63,005,986	212,625		145,310			145,310	**63,151,296**
Farmington	31,800,231	107,316					0	**31,800,231**
Fergus Falls	59,425,923			318,549	110,360	$299,555	728,464	**60,154,387**
Forest Lake	59,580,801	201,066					0	**59,580,801**
Fridley	43,886,221						0	**43,886,221**
Glencoe	14,913,285						0	**14,913,285**
Golden Valley	52,338,133						0	**52,338,133**
Grand Rapids	50,419,094	170,148		2,333,201	$236,876		2,570,077	**52,989,171**
Ham Lake	50,424,092	170,165		973,082			973,082	**51,397,174**
Hastings	43,531,905						0	**43,531,905**
Hermantown	35,872,915	121,060		75,976			75,976	**35,948,891**
Hibbing	88,570,479	298,897					0	**88,570,479**
Hopkins	23,492,580	79,280					0	**23,492,580**
Hugo	37,255,445	125,725					0	**37,255,445**
Hutchinson	43,281,149	146,060					0	**43,281,149**
International Falls	13,044,022	44,019					0	**13,044,022**
Inver Grove Heights	67,789,150	228,767		776,192	179,003		955,195	**68,744,345**
Isanti	10,983,507	37,066					0	**10,983,507**
Jordan	12,123,528	40,913					0	**12,123,528**
Kasson	11,529,115			44,906	35,640		80,546	**11,609,661**
La Crescent	8,957,014			25,000	8,624		33,624	**8,990,638**
Lake City	13,196,805						0	**13,196,805**
Lake Elmo	33,118,921	111,766		232,821			232,821	**33,351,742**
Lakeville	141,122,567	476,243		985,479	118,042		1,103,521	**142,226,088**
Lino Lakes	39,227,780	132,381		244,162			244,162	**39,471,942**
Litchfield	14,894,844	50,265					0	**14,894,844**
Little Canada	20,529,647	69,281					0	**20,529,647**
Little Falls	37,176,695	(2,615,070)		1,103,195			1,103,195	**38,279,890**
Mahtomedi	15,914,149						0	**15,914,149**
Mankato	100,460,349	339,022		52,197			52,197	**100,512,546**
Maple Grove	129,216,199						0	**129,216,199**
Maplewood	74,092,892	250,040		2,056,960			2,056,960	**76,149,852**
Marshall	38,247,397	129,073		302,397	514,325		816,722	**39,064,119**
Medina	19,718,827						0	**19,718,827**
Mendota Heights	28,864,859	(1,653,996)		22,146			22,146	**28,887,005**
Minneapolis	605,447,000			181,087			181,087	**605,628,087**
Minnetonka	104,599,792				37,913		37,913	**104,637,705**
Minnetrista	19,487,569			145,293			145,293	**19,632,862**

Municipality	Restricted (Phase in) Needs for Jan. 2021 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	$15,183,220	$51,239					$0	**$15,183,220**
Monticello	25,130,428	84,807			307,791		307,791	**25,438,219**
Moorhead	132,460,543	447,012		4,260,855	$375,667	$625,785	5,262,307	**137,722,850**
Morris	15,236,963						0	**15,236,963**
Mound	14,478,206	48,859					0	**14,478,206**
Mounds View	19,045,593	64,273			13,419		13,419	**19,059,012**
New Brighton	26,398,512	89,087		111,812			111,812	**26,510,324**
New Hope	27,537,048	92,929			32,400		32,400	**27,569,448**
New Prague	15,435,287	52,089		6,287			6,287	**15,441,574**
New Ulm	35,059,384	118,314				18,433	18,433	**35,077,817**
North Branch	43,735,985	147,595		63,910			63,910	**43,799,895**
North Mankato	33,550,171	113,221		64,226			64,226	**33,614,397**
North St. Paul	20,248,486	68,332		448,302			448,302	**20,696,788**
Northfield	32,849,169	110,855					0	**32,849,169**
Oak Grove	39,447,981	133,124		664,568			664,568	**40,112,549**
Oakdale	41,425,942	139,799		1,572,366	20,658		1,593,024	**43,018,966**
Orono	18,431,894	62,202					0	**18,431,894**
Otsego	42,767,510	144,327		1,617,268			1,617,268	**44,384,778**
Owatonna	72,563,785						0	**72,563,785**
Plymouth	153,477,977	517,939		2,490,023	64,144		2,554,167	**156,032,144**
Prior Lake	42,738,507	144,229		423,049			423,049	**43,161,556**
Ramsey	61,828,403			207,749			207,749	**62,036,152**
Red Wing	51,715,908	174,525			539,025		539,025	**52,254,933**
Redwood Falls	17,656,849	59,586		383,850			383,850	**18,040,699**
Richfield	56,466,393	190,556		7,794,033			7,794,033	**64,260,426**
Robbinsdale	20,302,242	(1,979,291)					0	**20,302,242**
Rochester	306,519,959			2,051,644			2,051,644	**308,571,603**
Rogers	42,278,617	(2,147,020)					0	**42,278,617**
Rosemount	55,603,343	187,643		187,950			187,950	**55,791,293**
Roseville	57,984,633				107,381		107,381	**58,092,014**
Sartell	40,729,374	137,449		1,406,000	6,000		1,412,000	**42,141,374**
Sauk Rapids	34,722,287	117,177		407,639			407,639	**35,129,926**
Savage	54,116,091	182,624					0	**54,116,091**
Shakopee	81,296,338						0	**81,296,338**
Shoreview	36,508,848	123,206		9,300			9,300	**36,518,148**
Shorewood	17,029,194			22,486			22,486	**17,051,680**
South St. Paul	32,295,717	108,988					0	**32,295,717**
Spring Lake Park	11,100,759	37,462					0	**11,100,759**
St. Anthony	13,757,118	46,426					0	**13,757,118**
St. Cloud	162,454,324	548,231		3,036,110			3,036,110	**165,490,434**
St. Francis	23,269,831	78,528		14,990			14,990	**23,284,821**
St. Joseph	6,680,864			230,143			230,143	**6,911,007**
St. Louis Park	81,863,883	276,264					0	**81,863,883**
St. Michael	43,872,672	148,056					0	**43,872,672**
St. Paul	479,548,529			13,496,986	51,542		13,548,528	**493,097,057**
St. Paul Park	12,129,581	40,933		45,694			45,694	**12,175,275**

Municipality	Restricted (Phase in) Needs for Jan. 2021 Distribution	* Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
St. Peter	$26,966,289			$1,804,570			$1,804,570	**$28,770,859**
Stewartville	7,372,111						0	**7,372,111**
Stillwater	36,299,757	122,500					0	**36,299,757**
Thief River Falls	36,977,967	124,789	$378,684	467,865	$296,422		1,142,971	**38,120,938**
Vadnais Heights	16,935,480			17,096			17,096	**16,952,576**
Victoria	14,273,001						0	**14,273,001**
Virginia	32,233,704						0	**32,233,704**
Waconia	28,811,037	(1,885,612)					0	**28,811,037**
Waite Park	17,037,071			855,017			855,017	**17,892,088**
Waseca	13,863,209	46,784		213,261			213,261	**14,076,470**
West St. Paul	26,998,803	91,112			125,918		125,918	**27,124,721**
White Bear Lake	39,167,500	132,178					0	**39,167,500**
Willmar	63,713,567						0	**63,713,567**
Winona	50,583,812						0	**50,583,812**
Woodbury	138,621,920	467,805		942,597			942,597	**139,564,517**
Worthington	22,427,741	(1,888,023)					0	**22,427,741**
Wyoming	27,684,084	93,425		16,500			16,500	**27,700,584**
Zimmerman	9,983,677	33,692					0	**9,983,677**
State Total	**$8,138,382,914**	**($0)**	**$378,684**	**$81,578,538**	**$7,195,352**	**$1,706,696**	**$90,859,270**	**$8,229,242,184**

N: MSAS/Books/2020 Oct Book/Adjusted Construction Needs (Old Book File).xls

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

October 27, 2020

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 2020 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 2021 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Justin Femrite Elk River Chair	Michael Thompson Plymouth Vice Chair	Paul Sandy Brainerd Secretary
Caleb Peterson Cloquet District 1	Rich Clauson Crookston District 2	Adam Nafstad Albertville District 3
Brian Yavarow Fergus Falls District 4	Chad Millner Edina Metro West	Kyle Skov Owatonna District 6
Jeff Domras Saint Peter 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

2020 ADJUSTED RESTRICTED CONSTRUCTION NEEDS

for the 2021 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	$50,429,109	Edina	$101,204,180
Albertville	14,300,947	Elk River	79,624,142
Alexandria	66,947,915	Fairmont	40,343,425
Andover	70,450,099	Falcon Heights	5,719,159
Anoka	34,917,501	Faribault	63,151,296
Apple Valley	84,896,195	Farmington	31,800,231
Arden Hills	12,741,131	Fergus Falls	60,154,387
Austin	66,933,983	Forest Lake	59,580,801
Baxter	36,536,636	Fridley	43,886,221
Belle Plaine	18,392,456	Glencoe	14,913,285
Bemidji	39,319,355	Golden Valley	52,338,133
Big Lake	18,215,822	Grand Rapids	52,989,171
Blaine	112,724,286	Ham Lake	51,397,174
Bloomington	192,105,356	Hastings	43,531,905
Brainerd	44,428,519	Hermantown	35,948,891
Brooklyn Center	48,500,316	Hibbing	88,570,479
Brooklyn Park	132,214,674	Hopkins	23,492,580
Buffalo	39,643,312	Hugo	37,255,445
Burnsville	107,146,428	Hutchinson	43,281,149
Byron	14,012,065	International Falls	13,044,022
Cambridge	35,801,666	Inver Grove Heights	68,744,345
Champlin	41,808,517	Isanti	10,983,507
Chanhassen	48,428,913	Jordan	12,123,528
Chaska	45,820,689	Kasson	11,609,661
Chisago City	13,585,508	La Crescent	8,990,638
Chisholm	14,335,604	Lake City	13,196,805
Circle Pines	6,144,171	Lake Elmo	33,351,742
Cloquet	40,328,871	Lakeville	142,226,088
Columbia Heights	23,309,042	Lino Lakes	39,471,942
Coon Rapids	108,418,943	Litchfield	14,894,844
Corcoran	24,453,113	Little Canada	20,529,647
Cottage Grove	75,774,795	Little Falls	38,279,890
Crookston	27,803,737	Mahtomedi	15,914,149
Crystal	31,193,108	Mankato	100,512,546
Dayton	16,819,147	Maple Grove	129,216,199
Delano	12,530,775	Maplewood	76,149,852
Detroit Lakes	48,843,748	Marshall	39,064,119
Duluth	271,752,882	Medina	19,718,827
Eagan	116,108,680	Mendota Heights	28,887,005
East Bethel	42,614,126	Minneapolis	605,628,087
East Grand Forks	39,190,675	Minnetonka	104,637,705
Eden Prairie	116,146,813	Minnetrista	19,632,862

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Montevideo	$15,183,220	Savage	$54,116,091
Monticello	25,438,219	Shakopee	81,296,338
Moorhead	137,722,850	Shoreview	36,518,148
Morris	15,236,963	Shorewood	17,051,680
Mound	14,478,206	South St. Paul	32,295,717
Mounds View	19,059,012	Spring Lake Park	11,100,759
New Brighton	26,510,324	St. Anthony	13,757,118
New Hope	27,569,448	St. Cloud	165,490,434
New Prague	15,441,574	St. Francis	23,284,821
New Ulm	35,077,817	St. Joseph	6,911,007
North Branch	43,799,895	St. Louis Park	81,863,883
North Mankato	33,614,397	St. Michael	43,872,672
North St. Paul	20,696,788	St. Paul	493,097,057
Northfield	32,849,169	St. Paul Park	12,175,275
Oak Grove	40,112,549	St. Peter	28,770,859
Oakdale	43,018,966	Stewartville	7,372,111
Orono	18,431,894	Stillwater	36,299,757
Otsego	44,384,778	Thief River Falls	38,120,938
Owatonna	72,563,785	Vadnais Heights	16,952,576
Plymouth	156,032,144	Victoria	14,273,001
Prior Lake	43,161,556	Virginia	32,233,704
Ramsey	62,036,152	Waconia	28,811,037
Red Wing	52,254,933	Waite Park	17,892,088
Redwood Falls	18,040,699	Waseca	14,076,470
Richfield	64,260,426	West St. Paul	27,124,721
Robbinsdale	20,302,242	White Bear Lake	39,167,500
Rochester	308,571,603	Willmar	63,713,567
Rogers	42,278,617	Winona	50,583,812
Rosemount	55,791,293	Woodbury	139,564,517
Roseville	58,092,014	Worthington	22,427,741
Sartell	42,141,374	Wyoming	27,700,584
Sauk Rapids	35,129,926	Zimmerman	9,983,677
		State Total	**$8,229,242,184**

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TENTATIVE 2021 CONSTRUCTION NEEDS ALLOCATIONS

Needs Value: $1,000 in Construction Needs = approximately $10.86 in apportionment

The following table shows each municipality's *Tentative* Money Needs Allocation based on a projected apportionment amount of $89,354,438. The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January 2021. 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	2021 Construction Needs Allocations	% Of Total Dist.
Albert Lea	$50,429,109	$547,567		**$547,567**	0.613
Albertville	14,300,947	155,282		**155,282**	0.174
Alexandria	66,947,915	726,931		**726,931**	0.814
Andover	70,450,099	764,959		**764,959**	0.856
Anoka	34,917,501	379,140		**379,140**	0.424
Apple Valley	84,896,195	921,817		**921,817**	1.032
Arden Hills	12,741,131	138,345		**138,345**	0.155
Austin	66,933,983	726,780		**726,780**	0.813
Baxter	36,536,636	396,721		**396,721**	0.444
Belle Plaine	18,392,456	199,708		**199,708**	0.224
Bemidji	39,319,355	426,936		**426,936**	0.478
Big Lake	18,215,822	197,790		**197,790**	0.221
Blaine	112,724,286	1,223,978		**1,223,978**	1.370
Bloomington	192,105,356	2,085,911		**2,085,911**	2.334
Brainerd	44,428,519	482,412		**482,412**	0.540
Brooklyn Center	48,500,316	526,624		**526,624**	0.589
Brooklyn Park	132,214,674	1,435,608		**1,435,608**	1.607
Buffalo	39,643,312	430,453		**430,453**	0.482
Burnsville	107,146,428	1,163,413		**1,163,413**	1.302
Byron	14,012,065	152,145		**152,145**	0.170
Cambridge	35,801,666	388,740		**388,740**	0.435
Champlin	41,808,517	453,964		**453,964**	0.508
Chanhassen	48,428,913	525,849		**525,849**	0.588
Chaska	45,820,689	497,528		**497,528**	0.557
Chisago City	13,585,508	147,514		**147,514**	0.165
Chisholm	14,335,604	155,658		**155,658**	0.174
Circle Pines	6,144,171	66,714		**66,714**	0.075
Cloquet	40,328,871	437,897		**437,897**	0.490
Columbia Heights	23,309,042	253,093		**253,093**	0.283
Coon Rapids	108,418,943	1,177,230		**1,177,230**	1.317
Corcoran	24,453,113	265,516		**265,516**	0.297
Cottage Grove	75,774,795	822,775		**822,775**	0.921
Crookston	27,803,737	301,897		**301,897**	0.338
Crystal	31,193,108	338,700		**338,700**	0.379
Dayton	16,819,147	182,625		**182,625**	0.204
Delano	12,530,775	136,061		**136,061**	0.152
Detroit Lakes	48,843,748	530,353		**530,353**	0.594
Duluth	271,752,882	2,950,737		**2,950,737**	3.302
Eagan	116,108,680	1,260,727		**1,260,727**	1.411
East Bethel	42,614,126	462,711		**462,711**	0.518
East Grand Forks	39,190,675	425,539		**425,539**	0.476
Eden Prairie	116,146,813	1,261,141		**1,261,141**	1.411
Edina	101,204,180	1,098,891		**1,098,891**	1.230
Elk River	79,624,142	864,572		**864,572**	0.968
Fairmont	40,343,425	438,055		**438,055**	0.490
Falcon Heights	5,719,159	62,100		**62,100**	0.069
Faribault	63,151,296	685,707		**685,707**	0.767
Farmington	31,800,231	345,292		**345,292**	0.386
Fergus Falls	60,154,387	653,166		**653,166**	0.731
Forest Lake	59,580,801	646,938		**646,938**	0.724

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2021 Construction Needs Allocations	% Of Total Dist.
Fridley	$43,886,221	$476,524		**$476,524**	0.533
Glencoe	14,913,285	161,931		**161,931**	0.181
Golden Valley	52,338,133	568,296		**568,296**	0.636
Grand Rapids	52,989,171	575,365		**575,365**	0.644
Ham Lake	51,397,174	558,079		**558,079**	0.625
Hastings	43,531,905	472,676		**472,676**	0.529
Hermantown	35,948,891	390,339		**390,339**	0.437
Hibbing	88,570,479	961,713		**961,713**	1.076
Hopkins	23,492,580	255,086		**255,086**	0.285
Hugo	37,255,445	404,526		**404,526**	0.453
Hutchinson	43,281,149	469,954		**469,954**	0.526
International Falls	13,044,022	141,634		**141,634**	0.159
Inver Grove Heights	68,744,345	746,437		**746,437**	0.835
Isanti	10,983,507	119,261		**119,261**	0.133
Jordan	12,123,528	131,639		**131,639**	0.147
Kasson	11,609,661	126,060		**126,060**	0.141
La Crescent	8,990,638	97,622		**97,622**	0.109
Lake City	13,196,805	143,293		**143,293**	0.160
Lake Elmo	33,351,742	362,139		**362,139**	0.405
Lakeville	142,226,088	1,544,314		**1,544,314**	1.728
Lino Lakes	39,471,942	428,593		**428,593**	0.480
Litchfield	14,894,844	161,731		**161,731**	0.181
Little Canada	20,529,647	222,914		**222,914**	0.249
Little Falls	38,279,890	415,649		**415,649**	0.465
Mahtomedi	15,914,149	172,798		**172,798**	0.193
Mankato	100,512,546	1,091,381		**1,091,381**	1.221
Maple Grove	129,216,199	1,403,050		**1,403,050**	1.570
Maplewood	76,149,852	826,847		**826,847**	0.925
Marshall	39,064,119	424,165		**424,165**	0.475
Medina	19,718,827	214,110		**214,110**	0.240
Mendota Heights	28,887,005	313,660		**313,660**	0.351
Minneapolis	605,628,087	6,576,007		**6,576,007**	7.359
Minnetonka	104,637,705	1,136,173		**1,136,173**	1.272
Minnetrista	19,632,862	213,177		**213,177**	0.239
Montevideo	15,183,220	164,862		**164,862**	0.185
Monticello	25,438,219	276,212		**276,212**	0.309
Moorhead	137,722,850	1,495,417		**1,495,417**	1.674
Morris	15,236,963	165,445		**165,445**	0.185
Mound	14,478,206	157,207		**157,207**	0.176
Mounds View	19,059,012	206,946		**206,946**	0.232
New Brighton	26,510,324	287,853		**287,853**	0.322
New Hope	27,569,448	299,354		**299,354**	0.335
New Prague	15,441,574	167,667		**167,667**	0.188
New Ulm	35,077,817	380,881		**380,881**	0.426
North Branch	43,799,895	475,586		**475,586**	0.532
North Mankato	33,614,397	364,991		**364,991**	0.408
North St. Paul	20,696,788	224,729		**224,729**	0.252
Northfield	32,849,169	356,682		**356,682**	0.399
Oak Grove	40,112,549	435,549		**435,549**	0.487
Oakdale	43,018,966	467,107		**467,107**	0.523
Orono	18,431,894	200,136		**200,136**	0.224
Otsego	44,384,778	481,937		**481,937**	0.539
Owatonna	72,563,785	787,909		**787,909**	0.882
Plymouth	156,032,144	1,694,222		**1,694,222**	1.896
Prior Lake	43,161,556	468,655		**468,655**	0.524
Ramsey	62,036,152	673,599		**673,599**	0.754
Red Wing	52,254,933	567,392		**567,392**	0.635
Redwood Falls	18,040,699	195,889		**195,889**	0.219

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2021 Construction Needs Allocations	% Of Total Dist.
Richfield	$64,260,426	$697,750		**$697,750**	0.781
Robbinsdale	20,302,242	220,445		**220,445**	0.247
Rochester	308,571,603	3,350,520		**3,350,520**	3.750
Rogers	42,278,617	459,068		**459,068**	0.514
Rosemount	55,791,293	605,791		**605,791**	0.678
Roseville	58,092,014	630,772		**630,772**	0.706
Sartell	42,141,374	457,578		**457,578**	0.512
Sauk Rapids	35,129,926	381,446		**381,446**	0.427
Savage	54,116,091	587,601		**587,601**	0.658
Shakopee	81,296,338	882,729		**882,729**	0.988
Shoreview	36,518,148	396,520		**396,520**	0.444
Shorewood	17,051,680	185,150		**185,150**	0.207
South St. Paul	32,295,717	350,672		**350,672**	0.392
Spring Lake Park	11,100,759	120,534		**120,534**	0.135
St. Anthony	13,757,118	149,377		**149,377**	0.167
St. Cloud	165,490,434	1,796,922		**1,796,922**	2.011
St. Francis	23,284,821	252,830		**252,830**	0.283
St. Joseph	6,911,007	75,041		**75,041**	0.084
St. Louis Park	81,863,883	888,891		**888,891**	0.995
St. Michael	43,872,672	476,377		**476,377**	0.533
St. Paul	493,097,057	5,354,127		**5,354,127**	5.992
St. Paul Park	12,175,275	132,201		**132,201**	0.148
St. Peter	28,770,859	312,399		**312,399**	0.350
Stewartville	7,372,111	80,048		**80,048**	0.090
Stillwater	36,299,757	394,149		**394,149**	0.441
Thief River Falls	38,120,938	413,923		**413,923**	0.463
Vadnais Heights	16,952,576	184,074		**184,074**	0.206
Victoria	14,273,001	154,979		**154,979**	0.173
Virginia	32,233,704	349,999		**349,999**	0.392
Waconia	28,811,037	312,835		**312,835**	0.350
Waite Park	17,892,088	194,275		**194,275**	0.217
Waseca	14,076,470	152,845		**152,845**	0.171
West St. Paul	27,124,721	294,525		**294,525**	0.330
White Bear Lake	39,167,500	425,287		**425,287**	0.476
Willmar	63,713,567	691,812		**691,812**	0.774
Winona	50,583,812	549,247		**549,247**	0.615
Woodbury	139,564,517	1,515,414		**1,515,414**	1.696
Worthington	22,427,741	243,524		**243,524**	0.273
Wyoming	27,700,584	300,777		**300,777**	0.337
Zimmerman	9,983,677	108,404		**108,404**	0.121
State Total	**$8,229,242,184**	**$89,354,438**	**$0**	**$89,354,438**	**100.0000**

Total Money Needs Apportionment = $89,354,438
Total Construction Needs = $8,229,242,184
Prorate based on $89,354,438 / $8,229,242,184 = 0.0108581612

Construction Needs Allocation = 0.0108581612 x Construction Needs

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were $8,032,517,535

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COMPARISON OF 2020 to 2021
CONSTRUCTION NEEDS ALLOCATIONS

Average decrease for State Aid Cities is 15.0%

Municipality	2020 Construction Needs Allocations	2021 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Albert Lea	$649,400	$547,567	**($101,833)**	(15.7)
Albertville	184,050	155,282	**(28,768)**	(15.6)
Alexandria	847,733	726,931	**(120,802)**	(14.3)
Andover	902,013	764,959	**(137,054)**	(15.2)
Anoka	449,844	379,140	**(70,704)**	(15.7)
Apple Valley	1,092,355	921,817	**(170,538)**	(15.6)
Arden Hills	162,191	138,345	**(23,846)**	(14.7)
Austin	873,321	726,780	**(146,541)**	(16.8)
Baxter	468,854	396,721	**(72,133)**	(15.4)
Belle Plaine	237,177	199,708	**(37,469)**	(15.8)
Bemidji	506,386	426,936	**(79,450)**	(15.7)
Big Lake	234,480	197,790	**(36,690)**	(15.6)
Blaine	1,440,967	1,223,978	**(216,989)**	(15.1)
Bloomington	2,474,384	2,085,911	**(388,473)**	(15.7)
Brainerd	551,285	482,412	**(68,873)**	(12.5)
Brooklyn Center	564,356	526,624	**(37,732)**	(6.7)
Brooklyn Park	1,663,684	1,435,608	**(228,076)**	(13.7)
Buffalo	464,401	430,453	**(33,948)**	(7.3)
Burnsville	1,378,587	1,163,413	**(215,174)**	(15.6)
Byron	163,046	152,145	**(10,901)**	(6.7)
Cambridge	453,159	388,740	**(64,419)**	(14.2)
Champlin	537,126	453,964	**(83,162)**	(15.5)
Chanhassen	624,809	525,849	**(98,960)**	(15.8)
Chaska	562,833	497,528	**(65,305)**	(11.6)
Chisago City	173,321	147,514	**(25,807)**	(14.9)
Chisholm	187,601	155,658	**(31,943)**	(17.0)
Circle Pines	79,102	66,714	**(12,388)**	(15.7)
Cloquet	518,463	437,897	**(80,566)**	(15.5)
Columbia Heights	299,984	253,093	**(46,891)**	(15.6)
Coon Rapids	1,353,917	1,177,230	**(176,687)**	(13.1)
Corcoran	296,599	265,516	**(31,083)**	(10.5)
Cottage Grove	884,379	822,775	**(61,604)**	(7.0)
Crookston	373,317	301,897	**(71,420)**	(19.1)
Crystal	401,782	338,700	**(63,082)**	(15.7)
Dayton	201,306	182,625	**(18,681)**	(9.3)
Delano	167,865	136,061	**(31,804)**	(18.9)
Detroit Lakes	626,033	530,353	**(95,680)**	(15.3)
Duluth	3,501,091	2,950,737	**(550,354)**	(15.7)
Eagan	1,513,527	1,260,727	**(252,800)**	(16.7)
East Bethel	545,364	462,711	**(82,653)**	(15.2)
East Grand Forks	509,286	425,539	**(83,747)**	(16.4)
Eden Prairie	1,490,044	1,261,141	**(228,903)**	(15.4)
Edina	1,292,194	1,098,891	**(193,303)**	(15.0)
Elk River	1,025,358	864,572	**(160,786)**	(15.7)
Fairmont	519,412	438,055	**(81,357)**	(15.7)
Falcon Heights	74,439	62,100	**(12,339)**	(16.6)
Faribault	788,198	685,707	**(102,491)**	(13.0)
Farmington	404,898	345,292	**(59,606)**	(14.7)

Municipality	2020 Construction Needs Allocations	2021 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Fergus Falls	$807,437	$653,166	**($154,271)**	(19.1)
Forest Lake	766,837	646,938	**(119,899)**	(15.6)
Fridley	544,807	476,524	**(68,283)**	(12.5)
Glencoe	191,867	161,931	**(29,936)**	(15.6)
Golden Valley	673,672	568,296	**(105,376)**	(15.6)
Grand Rapids	710,605	575,365	**(135,240)**	(19.0)
Ham Lake	655,023	558,079	**(96,944)**	(14.8)
Hastings	506,543	472,676	**(33,867)**	(6.7)
Hermantown	465,952	390,339	**(75,613)**	(16.2)
Hibbing	1,139,926	961,713	**(178,213)**	(15.6)
Hopkins	302,269	255,086	**(47,183)**	(15.6)
Hugo	470,916	404,526	**(66,390)**	(14.1)
Hutchinson	557,786	469,954	**(87,832)**	(15.7)
International Falls	160,775	141,634	**(19,141)**	(11.9)
Inver Grove Heights	885,639	746,437	**(139,202)**	(15.7)
Isanti	137,014	119,261	**(17,753)**	(13.0)
Jordan	156,323	131,639	**(24,684)**	(15.8)
Kasson	149,539	126,060	**(23,479)**	(15.7)
La Crescent	115,745	97,622	**(18,123)**	(15.7)
Lake City	169,968	143,293	**(26,675)**	(15.7)
Lake Elmo	418,002	362,139	**(55,863)**	(13.4)
Lakeville	1,767,185	1,544,314	**(222,871)**	(12.6)
Lino Lakes	527,550	428,593	**(98,957)**	(18.8)
Litchfield	199,991	161,731	**(38,260)**	(19.1)
Little Canada	264,237	222,914	**(41,323)**	(15.6)
Little Falls	492,939	415,649	**(77,290)**	(15.7)
Mahtomedi	204,843	172,798	**(32,045)**	(15.6)
Mankato	1,295,671	1,091,381	**(204,290)**	(15.8)
Maple Grove	1,661,650	1,403,050	**(258,600)**	(15.6)
Maplewood	1,022,267	826,847	**(195,420)**	(19.1)
Marshall	503,211	424,165	**(79,046)**	(15.7)
Medina	244,947	214,110	**(30,837)**	(12.6)
Mendota Heights	372,117	313,660	**(58,457)**	(15.7)
Minneapolis	7,795,241	6,576,007	**(1,219,234)**	(15.6)
Minnetonka	1,348,440	1,136,173	**(212,267)**	(15.7)
Minnetrista	262,087	213,177	**(48,910)**	(18.7)
Montevideo	195,611	164,862	**(30,749)**	(15.7)
Monticello	325,759	276,212	**(49,547)**	(15.2)
Moorhead	1,776,771	1,495,417	**(281,354)**	(15.8)
Morris	196,362	165,445	**(30,917)**	(15.7)
Mound	194,397	157,207	**(37,190)**	(19.1)
Mounds View	238,415	206,946	**(31,469)**	(13.2)
New Brighton	341,262	287,853	**(53,409)**	(15.7)
New Hope	354,763	299,354	**(55,409)**	(15.6)
New Prague	179,689	167,667	**(12,022)**	(6.7)
New Ulm	451,694	380,881	**(70,813)**	(15.7)
North Branch	567,217	475,586	**(91,631)**	(16.2)
North Mankato	433,204	364,991	**(68,213)**	(15.7)
North Saint Paul	266,473	224,729	**(41,744)**	(15.7)
Northfield	422,976	356,682	**(66,294)**	(15.7)
Oak Grove	516,800	435,549	**(81,251)**	(15.7)
Oakdale	485,482	467,107	**(18,375)**	(3.8)
Orono	240,115	200,136	**(39,979)**	(16.6)

Municipality	2020 Construction Needs Allocations	2021 Construction Needs Allocations	Increase (Decrease)	% Increase (Decrease)
Otsego	$550,815	$481,937	**($68,878)**	(12.5)
Owatonna	932,183	787,909	**(144,274)**	(15.5)
Plymouth	1,998,690	1,694,222	**(304,468)**	(15.2)
Prior Lake	505,514	468,655	**(36,859)**	(7.3)
Ramsey	771,826	673,599	**(98,227)**	(12.7)
Red Wing	659,838	567,392	**(92,446)**	(14.0)
Redwood Falls	228,518	195,889	**(32,629)**	(14.3)
Richfield	828,556	697,750	**(130,806)**	(15.8)
Robbinsdale	261,408	220,445	**(40,963)**	(15.7)
Rochester	3,900,486	3,350,520	**(549,966)**	(14.1)
Rogers	546,559	459,068	**(87,491)**	(16.0)
Rosemount	683,665	605,791	**(77,874)**	(11.4)
Roseville	748,518	630,772	**(117,746)**	(15.7)
Sartell	543,525	457,578	**(85,947)**	(15.8)
Sauk Rapids	449,061	381,446	**(67,615)**	(15.1)
Savage	685,797	587,601	**(98,196)**	(14.3)
Shakopee	1,017,017	882,729	**(134,288)**	(13.2)
Shoreview	466,950	396,520	**(70,430)**	(15.1)
Shorewood	221,430	185,150	**(36,280)**	(16.4)
South Saint Paul	415,652	350,672	**(64,980)**	(15.6)
Spring Lake Park	144,146	120,534	**(23,612)**	(16.4)
Saint Anthony	175,679	149,377	**(26,302)**	(15.0)
Saint Cloud	2,067,047	1,796,922	**(270,125)**	(13.1)
Saint Francis	312,637	252,830	**(59,807)**	(19.1)
Saint Joseph	80,319	75,041	**(5,278)**	(6.6)
Saint Louis Park	1,049,922	888,891	**(161,031)**	(15.3)
Saint Michael	589,072	476,377	**(112,695)**	(19.1)
Saint Paul	6,372,283	5,354,127	**(1,018,156)**	(16.0)
Saint Paul Park	157,251	132,201	**(25,050)**	(15.9)
Saint Peter	378,882	312,399	**(66,483)**	(17.5)
Stewartville	94,899	80,048	**(14,851)**	(15.6)
Stillwater	469,793	394,149	**(75,644)**	(16.1)
Thief River Falls	511,456	413,923	**(97,533)**	(19.1)
Vadnais Heights	218,182	184,074	**(34,108)**	(15.6)
Victoria	183,787	154,979	**(28,808)**	(15.7)
Virginia	425,598	349,999	**(75,599)**	(17.8)
Waconia	370,767	312,835	**(57,932)**	(15.6)
Waite Park	229,388	194,275	**(35,113)**	(15.3)
Waseca	181,216	152,845	**(28,371)**	(15.7)
West St. Paul	350,283	294,525	**(55,758)**	(15.9)
White Bear Lake	504,071	425,287	**(78,784)**	(15.6)
Willmar	820,685	691,812	**(128,873)**	(15.7)
Winona	653,674	549,247	**(104,427)**	(16.0)
Woodbury	1,748,094	1,515,414	**(232,680)**	(13.3)
Worthington	289,948	243,524	**(46,424)**	(16.0)
Wyoming	349,328	300,777	**(48,551)**	(13.9)
Zimmerman	128,521	108,404	**(20,117)**	(15.7)
TOTAL	**$105,122,868**	**$89,354,438**	**($15,768,430)**	**(15.00)**

0 Cities Increase Their Constuction Needs Allocation
148 Cities Decrease Their Constuction Needs Allocation

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TENTATIVE 2021 MSAS TOTAL ALLOCATIONS

Allocations are tentative. The actual revenue will be announced
in January 2021 when the Commissioner of Transportation determines the annual allotments.

Municipality	2021 Population Allocations	2021 Construction Needs Allocations	2021 Total Allocations	Distribution Percentage
Albert Lea	$399,838	$547,567	**$947,405**	0.5301
Albertville	165,805	155,282	**321,087**	0.1797
Alexandria	312,161	726,931	**1,039,092**	0.5814
Andover	725,098	764,959	**1,490,057**	0.8338
Anoka	412,981	379,140	**792,121**	0.4432
Apple Valley	1,199,602	921,817	**2,121,419**	1.1871
Arden Hills	220,691	138,345	**359,036**	0.2009
Austin	566,261	726,780	**1,293,041**	0.7235
Baxter	188,651	396,721	**585,372**	0.3276
Belle Plaine	159,873	199,708	**359,581**	0.2012
Bemidji	359,836	426,936	**786,772**	0.4403
Big Lake	254,717	197,790	**452,507**	0.2532
Blaine	1,498,157	1,223,978	**2,722,135**	1.5232
Bloomington	1,990,611	2,085,911	**4,076,522**	2.2811
Brainerd	303,318	482,412	**785,730**	0.4397
Brooklyn Center	721,569	526,624	**1,248,193**	0.6985
Brooklyn Park	1,818,014	1,435,608	**3,253,622**	1.8206
Buffalo	365,129	430,453	**795,582**	0.4452
Burnsville	1,384,504	1,163,413	**2,547,917**	1.4257
Byron	131,096	152,145	**283,241**	0.1585
Cambridge	203,954	388,740	**592,694**	0.3317
Champlin	534,330	453,964	**988,294**	0.5530
Chanhassen	579,469	525,849	**1,105,318**	0.6185
Chaska	610,650	497,528	**1,108,178**	0.6201
Chisago City	121,305	147,514	**268,819**	0.1504
Chisholm	110,258	155,658	**265,916**	0.1488
Circle Pines	111,603	66,714	**178,317**	0.0998
Cloquet	272,865	437,897	**710,762**	0.3977
Columbia Heights	465,816	253,093	**718,909**	0.4023
Coon Rapids	1,410,591	1,177,230	**2,587,821**	1.4481
Corcoran	132,000	265,516	**397,516**	0.2224
Cottage Grove	833,437	822,775	**1,656,212**	0.9268
Crookston	176,831	301,897	**478,728**	0.2679
Crystal	512,962	338,700	**851,662**	0.4766
Dayton	139,366	182,625	**321,991**	0.1802
Delano	138,528	136,061	**274,589**	0.1537
Detroit Lakes	214,870	530,353	**745,223**	0.4170
Duluth	1,925,229	2,950,737	**4,875,966**	2.7284
Eagan	1,526,648	1,260,727	**2,787,375**	1.5597
East Bethel	268,676	462,711	**731,387**	0.4093
East Grand Forks	196,104	425,539	**621,643**	0.3479
Eden Prairie	1,423,799	1,261,141	**2,684,940**	1.5024
Edina	1,174,639	1,098,891	**2,273,530**	1.2722
Elk River	556,646	864,572	**1,421,218**	0.7953
Fairmont	235,201	438,055	**673,256**	0.3767

Municipality	2021 Population Allocations	2021 Construction Needs Allocations	2021 Total Allocations	Distribution Percentage
Falcon Heights	$120,092	$62,100	**$182,192**	0.1019
Faribault	527,296	685,707	**1,213,003**	0.6788
Farmington	509,897	345,292	**855,189**	0.4785
Fergus Falls	303,561	653,166	**956,727**	0.5354
Forest Lake	458,627	646,938	**1,105,565**	0.6186
Fridley	647,741	476,524	**1,124,265**	0.6291
Glencoe	124,172	161,931	**286,103**	0.1601
Golden Valley	500,900	568,296	**1,069,196**	0.5983
Grand Rapids	251,167	575,365	**826,532**	0.4625
Ham Lake	368,392	558,079	**926,471**	0.5184
Hastings	506,413	472,676	**979,089**	0.5479
Hermantown	211,761	390,339	**602,100**	0.3369
Hibbing	360,785	961,713	**1,322,498**	0.7400
Hopkins	431,217	255,086	**686,303**	0.3840
Hugo	339,329	404,526	**743,855**	0.4162
Hutchinson	314,940	469,954	**784,894**	0.4392
International Falls	141,659	141,634	**283,293**	0.1585
Inver Grove Heights	778,881	746,437	**1,525,318**	0.8535
Isanti	137,447	119,261	**256,708**	0.1436
Jordan	143,269	131,639	**274,908**	0.1538
Kasson	144,415	126,060	**270,475**	0.1513
La Crescent	114,271	97,622	**211,893**	0.1186
Lake City	114,161	143,293	**257,454**	0.1441
Lake Elmo	244,882	362,139	**607,021**	0.3397
Lakeville	1,451,672	1,544,314	**2,995,986**	1.6765
Lino Lakes	485,023	428,593	**913,616**	0.5112
Litchfield	149,642	161,731	**311,373**	0.1742
Little Canada	233,305	222,914	**456,219**	0.2553
Little Falls	196,898	415,649	**612,547**	0.3428
Mahtomedi	176,875	172,798	**349,673**	0.1957
Mankato	978,844	1,091,381	**2,070,225**	1.1584
Maple Grove	1,501,729	1,403,050	**2,904,779**	1.6254
Maplewood	920,386	826,847	**1,747,233**	0.9777
Marshall	305,083	424,165	**729,248**	0.4081
Medina	149,686	214,110	**363,796**	0.2036
Mendota Heights	259,039	313,660	**572,699**	0.3205
Minneapolis	9,611,919	6,576,007	**16,187,926**	9.0583
Minnetonka	1,193,890	1,136,173	**2,330,063**	1.3038
Minnetrista	178,794	213,177	**391,971**	0.2193
Montevideo	118,703	164,862	**283,565**	0.1587
Monticello	306,207	276,212	**582,419**	0.3259
Moorhead	973,949	1,495,417	**2,469,366**	1.3818
Morris	121,239	165,445	**286,684**	0.1604
Mound	208,321	157,207	**365,528**	0.2045
Mounds View	297,982	206,946	**504,928**	0.2825
New Brighton	516,601	287,853	**804,454**	0.4501
New Hope	493,424	299,354	**792,778**	0.4436
New Prague	181,881	167,667	**349,548**	0.1956
New Ulm	299,063	380,881	**679,944**	0.3805
North Branch	240,758	475,586	**716,344**	0.4008
North Mankato	311,235	364,991	**676,226**	0.3784
North St. Paul	268,168	224,729	**492,897**	0.2758

Municipality	2021 Population Allocations	2021 Construction Needs Allocations	2021 Total Allocations	Distribution Percentage
Northfield	$451,924	$356,682	**$808,606**	0.4525
Oak Grove	195,553	435,549	**631,102**	0.3531
Oakdale	615,899	467,107	**1,083,006**	0.6060
Orono	182,675	200,136	**382,811**	0.2142
Otsego	399,794	481,937	**881,731**	0.4934
Owatonna	580,263	787,909	**1,368,172**	0.7656
Plymouth	1,752,543	1,694,222	**3,446,765**	1.9287
Prior Lake	595,501	468,655	**1,064,156**	0.5955
Ramsey	601,190	673,599	**1,274,789**	0.7133
Red Wing	362,946	567,392	**930,338**	0.5206
Redwood Falls	115,903	195,889	**311,792**	0.1745
Richfield	815,751	697,750	**1,513,501**	0.8469
Robbinsdale	325,061	220,445	**545,506**	0.3052
Rochester	2,645,496	3,350,520	**5,996,016**	3.3552
Rogers	291,786	459,068	**750,854**	0.4202
Rosemount	555,742	605,791	**1,161,533**	0.6500
Roseville	808,055	630,772	**1,438,827**	0.8051
Sartell	421,338	457,578	**878,916**	0.4918
Sauk Rapids	314,102	381,446	**695,548**	0.3892
Savage	711,051	587,601	**1,298,652**	0.7267
Shakopee	915,755	882,729	**1,798,484**	1.0064
Shoreview	588,665	396,520	**985,185**	0.5513
Shorewood	174,957	185,150	**360,107**	0.2015
South St. Paul	458,098	350,672	**808,770**	0.4526
Spring Lake Park	147,723	120,534	**268,257**	0.1501
St. Anthony	198,905	149,377	**348,282**	0.1949
St. Cloud	1,511,056	1,796,922	**3,307,978**	1.8510
St. Francis	177,493	252,830	**430,323**	0.2408
St. Joseph	161,902	75,041	**236,943**	0.1326
St. Louis Park	1,098,914	888,891	**1,987,805**	1.1123
St. Michael	400,389	476,377	**876,766**	0.4906
St. Paul	6,966,621	5,354,127	**12,320,748**	6.8943
St. Paul Park	123,731	132,201	**255,932**	0.1432
St. Peter	265,346	312,399	**577,745**	0.3233
Stewartville	138,572	80,048	**218,620**	0.1223
Stillwater	435,892	394,149	**830,041**	0.4645
Thief River Falls	200,029	413,923	**613,952**	0.3435
Vadnais Heights	294,123	184,074	**478,197**	0.2676
Victoria	233,415	154,979	**388,394**	0.2173
Virginia	192,113	349,999	**542,112**	0.3033
Waconia	292,778	312,835	**605,613**	0.3389
Waite Park	172,024	194,275	**366,299**	0.2050
Waseca	207,549	152,845	**360,394**	0.2017
West St. Paul	467,602	294,525	**762,127**	0.4265
White Bear Lake	567,870	425,287	**993,157**	0.5557
Willmar	446,014	691,812	**1,137,826**	0.6367
Winona	608,930	549,247	**1,158,177**	0.6481
Woodbury	1,579,240	1,515,414	**3,094,654**	1.7317
Worthington	298,180	243,524	**541,704**	0.3031
Wyoming	179,124	300,777	**479,901**	0.2685
Zimmerman	129,575	108,404	**237,979**	0.1332
Total	**$89,354,438**	**$89,354,438**	**$178,708,876**	**100.0000**

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COMPARISON OF THE 2020 AND 2021 TENTATIVE TOTAL ALLOCATIONS

Municipality	2020 Total Allocations	2021 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$1,126,381	$947,405	($178,976)	(15.9)
Albertville	380,593	321,087	(59,506)	(15.6)
Alexandria	1,214,193	1,039,092	(175,101)	(14.4)
Andover	1,761,392	1,490,057	(271,335)	(15.4)
Anoka	937,538	792,121	(145,417)	(15.5)
Apple Valley	2,495,306	2,121,419	(373,887)	(15.0)
Arden Hills	421,859	359,036	(62,823)	(14.9)
Austin	1,545,243	1,293,041	(252,202)	(16.3)
Baxter	691,471	585,372	(106,099)	(15.3)
Belle Plaine	431,698	359,581	(72,117)	(16.7)
Bemidji	912,391	786,772	(125,619)	(13.8)
Big Lake	535,294	452,507	(82,787)	(15.5)
Blaine	3,191,525	2,722,135	(469,390)	(14.7)
Bloomington	4,828,540	4,076,522	(752,018)	(15.6)
Brainerd	911,863	785,730	(126,133)	(13.8)
Brooklyn Center	1,412,471	1,248,193	(164,278)	(11.6)
Brooklyn Park	3,808,430	3,253,622	(554,808)	(14.6)
Buffalo	897,110	795,582	(101,528)	(11.3)
Burnsville	3,023,849	2,547,917	(475,932)	(15.7)
Byron	314,556	283,241	(31,315)	(10.0)
Cambridge	688,932	592,694	(96,238)	(14.0)
Champlin	1,165,407	988,294	(177,113)	(15.2)
Chanhassen	1,314,508	1,105,318	(209,190)	(15.9)
Chaska	1,288,138	1,108,178	(179,960)	(14.0)
Chisago City	315,483	268,819	(46,664)	(14.8)
Chisholm	318,892	265,916	(52,976)	(16.6)
Circle Pines	212,389	178,317	(34,072)	(16.0)
Cloquet	842,673	710,762	(131,911)	(15.7)
Columbia Heights	847,206	718,909	(128,297)	(15.1)
Coon Rapids	3,031,792	2,587,821	(443,971)	(14.6)
Corcoran	449,711	397,516	(52,195)	(11.6)
Cottage Grove	1,864,888	1,656,212	(208,676)	(11.2)
Crookston	583,934	478,728	(105,206)	(18.0)
Crystal	1,013,257	851,662	(161,595)	(15.9)
Dayton	360,746	321,991	(38,755)	(10.7)
Delano	330,325	274,589	(55,736)	(16.9)
Detroit Lakes	874,882	745,223	(129,659)	(14.8)
Duluth	5,791,150	4,875,966	(915,184)	(15.8)
Eagan	3,308,198	2,787,375	(520,823)	(15.7)
East Bethel	861,224	731,387	(129,837)	(15.1)
East Grand Forks	742,328	621,643	(120,685)	(16.3)
Eden Prairie	3,156,286	2,684,940	(471,346)	(14.9)
Edina	2,671,670	2,273,530	(398,140)	(14.9)
Elk River	1,678,952	1,421,218	(257,734)	(15.4)
Fairmont	799,482	673,256	(126,226)	(15.8)
Falcon Heights	218,308	182,192	(36,116)	(16.5)
Faribault	1,415,350	1,213,003	(202,347)	(14.3)
Farmington	1,005,686	855,189	(150,497)	(15.0)

Municipality	2020 Total Allocations	2021 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	$1,168,409	$956,727	($211,682)	(18.1)
Forest Lake	1,307,704	1,105,565	(202,139)	(15.5)
Fridley	1,301,674	1,124,265	(177,409)	(13.6)
Glencoe	339,727	286,103	(53,624)	(15.8)
Golden Valley	1,240,325	1,069,196	(171,129)	(13.8)
Grand Rapids	1,009,739	826,532	(183,207)	(18.1)
Ham Lake	1,085,500	926,471	(159,029)	(14.7)
Hastings	1,114,132	979,089	(135,043)	(12.1)
Hermantown	721,471	602,100	(119,371)	(16.5)
Hibbing	1,569,537	1,322,498	(247,039)	(15.7)
Hopkins	819,898	686,303	(133,595)	(16.3)
Hugo	871,275	743,855	(127,420)	(14.6)
Hutchinson	932,228	784,894	(147,334)	(15.8)
International Falls	329,458	283,293	(46,165)	(14.0)
Inver Grove Heights	1,814,682	1,525,318	(289,364)	(15.9)
Isanti	295,377	256,708	(38,669)	(13.1)
Jordan	317,942	274,908	(43,034)	(13.5)
Kasson	320,323	270,475	(49,848)	(15.6)
La Crescent	251,605	211,893	(39,712)	(15.8)
Lake City	305,959	257,454	(48,505)	(15.9)
Lake Elmo	694,265	607,021	(87,244)	(12.6)
Lakeville	3,456,482	2,995,986	(460,496)	(13.3)
Lino Lakes	1,088,085	913,616	(174,469)	(16.0)
Litchfield	377,575	311,373	(66,202)	(17.5)
Little Canada	536,955	456,219	(80,736)	(15.0)
Little Falls	727,530	612,547	(114,983)	(15.8)
Mahtomedi	415,959	349,673	(66,286)	(15.9)
Mankato	2,439,768	2,070,225	(369,543)	(15.1)
Maple Grove	3,418,405	2,904,779	(513,626)	(15.0)
Maplewood	2,091,240	1,747,233	(344,007)	(16.4)
Marshall	865,128	729,248	(135,880)	(15.7)
Medina	419,459	363,796	(55,663)	(13.3)
Mendota Heights	671,251	572,699	(98,552)	(14.7)
Minneapolis	19,046,448	16,187,926	(2,858,522)	(15.0)
Minnetonka	2,758,848	2,330,063	(428,785)	(15.5)
Minnetrista	464,065	391,971	(72,094)	(15.5)
Montevideo	336,959	283,565	(53,394)	(15.8)
Monticello	687,650	582,419	(105,231)	(15.3)
Moorhead	2,919,582	2,469,366	(450,216)	(15.4)
Morris	339,522	286,684	(52,838)	(15.6)
Mound	439,833	365,528	(74,305)	(16.9)
Mounds View	588,385	504,928	(83,457)	(14.2)
New Brighton	948,326	804,454	(143,872)	(15.2)
New Hope	926,930	792,778	(134,152)	(14.5)
New Prague	391,225	349,548	(41,677)	(10.7)
New Ulm	809,988	679,944	(130,044)	(16.1)
North Branch	848,863	716,344	(132,519)	(15.6)
North Mankato	802,369	676,226	(126,143)	(15.7)
North St. Paul	585,747	492,897	(92,850)	(15.9)
Northfield	959,327	808,606	(150,721)	(15.7)
Oak Grove	744,958	631,102	(113,856)	(15.3)
Oakdale	1,228,984	1,083,006	(145,978)	(11.9)
Orono	452,859	382,811	(70,048)	(15.5)

Municipality	2020 Total Allocations	2021 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	$1,005,686	$881,731	($123,955)	(12.3)
Owatonna	1,617,182	1,368,172	(249,010)	(15.4)
Plymouth	4,056,049	3,446,765	(609,284)	(15.0)
Prior Lake	1,191,773	1,064,156	(127,617)	(10.7)
Ramsey	1,482,137	1,274,789	(207,348)	(14.0)
Red Wing	1,093,677	930,338	(163,339)	(14.9)
Redwood Falls	366,531	311,792	(54,739)	(14.9)
Richfield	1,785,301	1,513,501	(271,800)	(15.2)
Robbinsdale	649,400	545,506	(103,894)	(16.0)
Rochester	6,984,358	5,996,016	(988,342)	(14.2)
Rogers	887,680	750,854	(136,826)	(15.4)
Rosemount	1,322,843	1,161,533	(161,310)	(12.2)
Roseville	1,700,957	1,438,827	(262,130)	(15.4)
Sartell	1,036,051	878,916	(157,135)	(15.2)
Sauk Rapids	815,468	695,548	(119,920)	(14.7)
Savage	1,510,489	1,298,652	(211,837)	(14.0)
Shakopee	2,106,891	1,798,484	(308,407)	(14.6)
Shoreview	1,162,268	985,185	(177,083)	(15.2)
Shorewood	423,435	360,107	(63,328)	(15.0)
South St. Paul	963,871	808,770	(155,101)	(16.1)
Spring Lake Park	312,514	268,257	(44,257)	(14.2)
St. Anthony	413,762	348,282	(65,480)	(15.8)
St. Cloud	3,857,911	3,307,978	(549,933)	(14.3)
St. Francis	519,342	430,323	(89,019)	(17.1)
St. Joseph	272,477	236,943	(35,534)	(13.0)
St. Louis Park	2,334,212	1,987,805	(346,407)	(14.8)
St. Michael	1,057,388	876,766	(180,622)	(17.1)
St. Paul	14,591,373	12,320,748	(2,270,625)	(15.6)
St. Paul Park	304,743	255,932	(48,811)	(16.0)
St. Peter	693,114	577,745	(115,369)	(16.6)
Stewartville	258,672	218,620	(40,052)	(15.5)
Stillwater	992,726	830,041	(162,685)	(16.4)
Thief River Falls	746,205	613,952	(132,253)	(17.7)
Vadnais Heights	564,738	478,197	(86,541)	(15.3)
Victoria	444,216	388,394	(55,822)	(12.6)
Virginia	654,360	542,112	(112,248)	(17.2)
Waconia	715,380	605,613	(109,767)	(15.3)
Waite Park	433,598	366,299	(67,299)	(15.5)
Waseca	428,358	360,394	(67,964)	(15.9)
West St. Paul	903,098	762,127	(140,971)	(15.6)
White Bear Lake	1,172,553	993,157	(179,396)	(15.3)
Willmar	1,348,370	1,137,826	(210,544)	(15.6)
Winona	1,378,769	1,158,177	(220,592)	(16.0)
Woodbury	3,608,227	3,094,654	(513,573)	(14.2)
Worthington	644,697	541,704	(102,993)	(16.0)
Wyoming	560,365	479,901	(80,464)	(14.4)
Zimmerman	279,086	237,979	(41,107)	(14.7)
Total	**$210,245,736**	**$178,708,876**	**($31,536,860)**	**(15.0)**

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

2021 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

Municipality	2020 Total Needs Mileage	2021 Population Allocation Per Need Mile
Minneapolis	206.78	$46,484
Hopkins	9.99	43,165
St. Paul	164.52	42,345
New Hope	12.86	38,369
Columbia Heights	12.50	37,265
Falcon Heights	3.29	36,502
West St. Paul	13.54	34,535
New Brighton	15.27	33,831
Brooklyn Center	21.34	33,813
St. Anthony	5.95	33,429
St. Louis Park	33.14	33,160
Richfield	24.67	33,067
Robbinsdale	10.05	32,344
Vadnais Heights	9.17	32,074
Apple Valley	37.50	31,989
Oakdale	19.31	31,895
Circle Pines	3.60	31,001
Burnsville	44.77	30,925
Eagan	49.43	30,885
Coon Rapids	46.32	30,453
Farmington	16.95	30,082
Brooklyn Park	60.71	29,946
Shoreview	19.69	29,897
Blaine	50.71	29,544
Stewartville	4.71	29,421
Eden Prairie	48.61	29,290
Crystal	17.57	29,195
Arden Hills	7.63	28,924
Edina	40.85	28,755
Fridley	22.87	28,323
Winona	21.89	27,818
Mounds View	10.86	27,438
White Bear Lake	20.94	27,119
Waseca	7.71	26,919

Municipality	2020 Total Needs Mileage	2021 Money Needs Allocation Per Need Mile
St. Paul	164.52	$32,544
Minneapolis	206.78	31,802
Rochester	111.14	30,147
Moorhead	49.89	29,974
Richfield	24.67	28,283
Bloomington	76.12	27,403
Edina	40.85	26,901
Mankato	40.68	26,828
St. Louis Park	33.14	26,822
Sauk Rapids	14.37	26,545
St. Cloud	67.85	26,484
Crookston	11.58	26,071
Burnsville	44.77	25,986
Eden Prairie	48.61	25,944
Hopkins	9.99	25,534
Eagan	49.43	25,505
East Grand Forks	16.74	25,420
Coon Rapids	46.32	25,415
Plymouth	66.78	25,370
Woodbury	60.15	25,194
St. Anthony	5.95	25,105
Winona	21.89	25,091
Waite Park	7.77	25,003
Duluth	118.12	24,981
Fergus Falls	26.40	24,741
Brooklyn Center	21.34	24,678
Apple Valley	37.50	24,582
Willmar	28.15	24,576
Faribault	27.97	24,516
Thief River Falls	16.99	24,363
Brainerd	19.86	24,291
Oakdale	19.31	24,190
Sartell	18.92	24,185
Blaine	50.71	24,137

Municipality	2020 Total Needs Mileage	2021 Total Allocation Per Need Mile
Minneapolis	206.78	$78,286
St. Paul	164.52	74,889
Hopkins	9.99	68,699
New Hope	12.86	61,647
Richfield	24.67	61,350
St. Louis Park	33.14	59,982
St. Anthony	5.95	58,535
Brooklyn Center	21.34	58,491
Columbia Heights	12.50	57,513
Burnsville	44.77	56,911
Apple Valley	37.50	56,571
Eagan	49.43	56,390
West St. Paul	13.54	56,287
Oakdale	19.31	56,085
Coon Rapids	46.32	55,868
Edina	40.85	55,656
Falcon Heights	3.29	55,378
Eden Prairie	48.61	55,234
Robbinsdale	10.05	54,279
Rochester	111.14	53,950
Blaine	50.71	53,680
Brooklyn Park	60.71	53,593
Bloomington	76.12	53,554
Winona	21.89	52,909
New Brighton	15.27	52,682
Vadnais Heights	9.17	52,148
Plymouth	66.78	51,614
Woodbury	60.15	51,449
Mankato	40.68	50,890
Farmington	16.95	50,454
Shoreview	19.69	50,035
Circle Pines	3.60	49,533
Moorhead	49.89	49,496
Champlin	20.07	49,242

Municipality	2020 Total Needs Mileage	2021 Population Allocation Per Need Mile
Champlin	20.07	$26,623
Chaska	22.94	26,619
Victoria	8.77	26,615
Northfield	17.06	26,490
Woodbury	60.15	26,255
Plymouth	66.78	26,244
South St. Paul	17.46	26,237
Mound	7.94	26,237
Bloomington	76.12	26,151
Savage	27.27	26,074
Roseville	31.58	25,588
Chanhassen	22.76	25,460
Maple Grove	59.06	25,427
Spring Lake Park	5.81	25,426
Worthington	11.78	25,312
Maplewood	36.68	25,092
Prior Lake	23.83	24,990
Anoka	16.56	24,938
Monticello	12.35	24,794
Mankato	40.68	24,062
Rochester	111.14	23,803
North St. Paul	11.39	23,544
Jordan	6.10	23,487
Minnetonka	51.23	23,305
Stillwater	18.87	23,100
Shakopee	39.95	22,923
Hastings	22.61	22,398
Delano	6.21	22,307
St. Cloud	67.85	22,271
Sartell	18.92	22,269
Big Lake	11.48	22,188
Waite Park	7.77	22,140
Inver Grove Heights	35.29	22,071
Kasson	6.60	21,881
Sauk Rapids	14.37	21,858
Cottage Grove	38.42	21,693
Albertville	7.69	21,561
Golden Valley	23.74	21,099

Municipality	2020 Total Needs Mileage	2021 Money Needs Allocation Per Need Mile
Hutchinson	19.52	$24,076
Golden Valley	23.74	23,938
Austin	30.41	23,899
Maple Grove	59.06	23,756
Brooklyn Park	60.71	23,647
New Hope	12.86	23,278
Chanhassen	22.76	23,104
North Mankato	15.84	23,042
Cambridge	16.93	22,962
Anoka	16.56	22,895
Red Wing	24.86	22,823
Owatonna	34.64	22,746
Baxter	17.46	22,722
Champlin	20.07	22,619
Maplewood	36.68	22,542
Albert Lea	24.31	22,524
Buffalo	19.13	22,501
Bemidji	19.01	22,458
Monticello	12.35	22,365
Lakeville	69.06	22,362
St. Paul Park	5.94	22,256
Marshall	19.07	22,243
Minnetonka	51.23	22,178
Shakopee	39.95	22,096
Elk River	39.23	22,039
Belle Plaine	9.10	21,946
Robbinsdale	10.05	21,935
Delano	6.21	21,910
Grand Rapids	26.32	21,860
Waconia	14.36	21,785
Alexandria	33.37	21,784
Fairmont	20.12	21,772
West St. Paul	13.54	21,752
Chaska	22.94	21,688
Jordan	6.10	21,580
Savage	27.27	21,548
Cottage Grove	38.42	21,415
Virginia	16.36	21,394

Municipality	2020 Total Needs Mileage	2021 Total Allocation Per Need Mile
Maple Grove	59.06	$49,184
Fridley	22.87	49,159
St. Cloud	67.85	48,754
Chanhassen	22.76	48,564
Crystal	17.57	48,473
Sauk Rapids	14.37	48,403
Chaska	22.94	48,308
Anoka	16.56	47,833
Maplewood	36.68	47,634
Savage	27.27	47,622
White Bear Lake	20.94	47,429
Northfield	17.06	47,398
Monticello	12.35	47,159
Waite Park	7.77	47,143
Arden Hills	7.63	47,056
Waseca	7.71	46,744
Mounds View	10.86	46,494
Sartell	18.92	46,454
Stewartville	4.71	46,416
South St. Paul	17.46	46,321
Spring Lake Park	5.81	46,172
Mound	7.94	46,036
Worthington	11.78	45,985
Roseville	31.58	45,561
Minnetonka	51.23	45,482
Jordan	6.10	45,067
Golden Valley	23.74	45,038
Shakopee	39.95	45,018
Prior Lake	23.83	44,656
Victoria	8.77	44,287
Delano	6.21	44,217
Stillwater	18.87	43,987
Lakeville	69.06	43,382
Faribault	27.97	43,368
Hastings	22.61	43,303
North St. Paul	11.39	43,275
Inver Grove Heights	35.29	43,222
Cottage Grove	38.42	43,108

Municipality	2020 Total Needs Mileage	2021 Population Allocation Per Need Mile
Lakeville	69.06	$21,020
St. Paul Park	5.94	20,830
Little Canada	11.35	20,556
Waconia	14.36	20,388
Zimmerman	6.52	19,873
North Mankato	15.84	19,649
LaCrescent	5.84	19,567
Moorhead	49.89	19,522
Lino Lakes	24.95	19,440
Isanti	7.08	19,413
Orono	9.45	19,331
Buffalo	19.13	19,087
Shorewood	9.20	19,017
New Prague	9.58	18,985
Bemidji	19.01	18,929
Faribault	27.97	18,852
Austin	30.41	18,621
Mahtomedi	9.56	18,502
Rosemount	30.58	18,173
St. Peter	14.74	18,002
St. Joseph	9.08	17,831
Belle Plaine	9.10	17,568
Mendota Heights	15.17	17,076
Litchfield	8.77	17,063
St. Michael	23.71	16,887
International Falls	8.39	16,884
Owatonna	34.64	16,751
New Ulm	18.01	16,605
Andover	43.88	16,525
Albert Lea	24.31	16,447
Duluth	118.12	16,299
Byron	8.08	16,225
Hutchinson	19.52	16,134
Marshall	19.07	15,998
Ramsey	37.86	15,879
Otsego	25.22	15,852
Willmar	28.15	15,844
Brainerd	19.86	15,273
Crookston	11.58	15,270

Municipality	2020 Total Needs Mileage	2021 Money Needs Allocation Per Need Mile
St. Peter	14.74	$21,194
Orono	9.45	21,178
Inver Grove Heights	35.29	21,152
New Ulm	18.01	21,148
Rogers	21.80	21,058
Hermantown	18.54	21,054
Northfield	17.06	20,908
Hastings	22.61	20,906
Stillwater	18.87	20,888
Detroit Lakes	25.42	20,864
Fridley	22.87	20,836
Spring Lake Park	5.81	20,746
Mendota Heights	15.17	20,676
Worthington	11.78	20,673
Farmington	16.95	20,371
White Bear Lake	20.94	20,310
Columbia Heights	12.50	20,247
Albertville	7.69	20,193
Shoreview	19.69	20,138
Shorewood	9.20	20,125
St. Michael	23.71	20,092
South St. Paul	17.46	20,084
Vadnais Heights	9.17	20,074
Roseville	31.58	19,974
Waseca	7.71	19,824
Rosemount	30.58	19,810
Mound	7.94	19,799
North St. Paul	11.39	19,730
Prior Lake	23.83	19,667
Little Canada	11.35	19,640
Glencoe	8.39	19,300
Crystal	17.57	19,277
Cloquet	22.78	19,223
Forest Lake	33.83	19,123
Little Falls	21.75	19,110
Otsego	25.22	19,109
Kasson	6.60	19,100
Mounds View	10.86	19,056
Lake Elmo	19.12	18,940

Municipality	2020 Total Needs Mileage	2021 Total Allocation Per Need Mile
St. Paul Park	5.94	$43,086
North Mankato	15.84	42,691
Austin	30.41	42,520
Waconia	14.36	42,174
Albertville	7.69	41,754
Buffalo	19.13	41,588
Bemidji	19.01	41,387
Crookston	11.58	41,341
Duluth	118.12	41,280
Kasson	6.60	40,981
Orono	9.45	40,509
Willmar	28.15	40,420
Hutchinson	19.52	40,210
Little Canada	11.35	40,196
Brainerd	19.86	39,563
Belle Plaine	9.10	39,514
Owatonna	34.64	39,497
Big Lake	11.48	39,417
St. Peter	14.74	39,196
Shorewood	9.20	39,142
Albert Lea	24.31	38,972
Marshall	19.07	38,241
Rosemount	30.58	37,983
New Ulm	18.01	37,754
Mendota Heights	15.17	37,752
Red Wing	24.86	37,423
East Grand Forks	16.74	37,135
St. Michael	23.71	36,979
Lino Lakes	24.95	36,618
Mahtomedi	9.56	36,577
Zimmerman	6.52	36,500
New Prague	9.58	36,487
La Crescent	5.84	36,283
Isanti	7.08	36,258
Fergus Falls	26.40	36,240
Elk River	39.23	36,228
Thief River Falls	16.99	36,136
Litchfield	8.77	35,504
Byron	8.08	35,055

Municipality	2020 Total Needs Mileage	2021 Population Allocation Per Need Mile
Hugo	22.57	$15,035
Glencoe	8.39	14,800
Red Wing	24.86	14,600
Elk River	39.23	14,189
Chisago City	8.75	13,863
Morris	8.79	13,793
Minnetrista	12.98	13,775
Lake City	8.39	13,607
Forest Lake	33.83	13,557
Rogers	21.80	13,385
Montevideo	8.98	13,219
St. Francis	13.45	13,197
Dayton	10.62	13,123
Lake Elmo	19.12	12,808
Chisholm	8.61	12,806
Cambridge	16.93	12,047
Cloquet	22.78	11,978
Medina	12.59	11,889
Thief River Falls	16.99	11,773
Virginia	16.36	11,743
East Grand Forks	16.74	11,715
Fairmont	20.12	11,690
Fergus Falls	26.40	11,499
Hermantown	18.54	11,422
Wyoming	16.06	11,153
Redwood Falls	10.61	10,924
Baxter	17.46	10,805
Ham Lake	35.07	10,504
Grand Rapids	26.32	9,543
Alexandria	33.37	9,355
Little Falls	21.75	9,053
East Bethel	29.73	9,037
North Branch	28.28	8,513
Detroit Lakes	25.42	8,453
Corcoran	15.79	8,360
Oak Grove	26.59	7,354
Hibbing	54.19	6,658
Avg.		**$21,285**

Municipality	2020 Total Needs Mileage	2021 Money Needs Allocation Per Need Mile
Falcon Heights	3.29	$18,875
New Brighton	15.27	18,851
Byron	8.08	18,830
Morris	8.79	18,822
St. Francis	13.45	18,798
Wyoming	16.06	18,728
Circle Pines	3.60	18,532
Redwood Falls	10.61	18,463
Litchfield	8.77	18,441
Montevideo	8.98	18,359
Arden Hills	7.63	18,132
Chisholm	8.61	18,079
Mahtomedi	9.56	18,075
Hugo	22.57	17,923
Ramsey	37.86	17,792
Hibbing	54.19	17,747
Victoria	8.77	17,671
New Prague	9.58	17,502
Andover	43.88	17,433
Big Lake	11.48	17,229
Dayton	10.62	17,196
Lino Lakes	24.95	17,178
Lake City	8.39	17,079
Medina	12.59	17,006
Stewartville	4.71	16,995
International Falls	8.39	16,881
Chisago City	8.75	16,859
Isanti	7.08	16,845
North Branch	28.28	16,817
Corcoran	15.79	16,815
La Crescent	5.84	16,716
Zimmerman	6.52	16,626
Minnetrista	12.98	16,423
Oak Grove	26.59	16,380
Ham Lake	35.07	15,913
East Bethel	29.73	15,564
St. Joseph	9.08	8,264
		$21,402

Municipality	2020 Total Needs Mileage	2021 Total Allocation Per Need Mile
Cambridge	16.93	$35,009
Otsego	25.22	34,962
Rogers	21.80	34,443
Glencoe	8.39	34,100
Andover	43.88	33,958
International Falls	8.39	33,766
Ramsey	37.86	33,671
Baxter	17.46	33,526
Fairmont	20.12	33,462
Virginia	16.36	33,136
Hugo	22.57	32,958
Forest Lake	33.83	32,680
Morris	8.79	32,615
Hermantown	18.54	32,476
St. Francis	13.45	31,994
Lake Elmo	19.12	31,748
Montevideo	8.98	31,577
Grand Rapids	26.32	31,403
Cloquet	22.78	31,201
Alexandria	33.37	31,139
Chisholm	8.61	30,885
Chisago City	8.75	30,722
Lake City	8.39	30,686
Dayton	10.62	30,319
Minnetrista	12.98	30,198
Wyoming	16.06	29,882
Redwood Falls	10.61	29,387
Detroit Lakes	25.42	29,316
Medina	12.59	28,896
Little Falls	21.75	28,163
Ham Lake	35.07	26,418
St. Joseph	9.08	26,095
North Branch	28.28	25,330
Corcoran	15.79	25,175
East Bethel	29.73	24,601
Hibbing	54.19	24,405
Oak Grove	26.59	23,735
		$42,687

OTHER TOPICS

RESTRICTED NEEDS (PHASE IN) for 2020 (alternate)

Bandwidth is - 5.00% and +10.00% from the Statewide Average Percent of Change. State Average Percent of Change is **+2.47%**. Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **-2.53%**, but not more than **+12.47%** from the Restricted Needs from January 2020. Otherwise a restriction is applied.

9 Cities received the Lower Restriction
0 Cities received the Upper Restriction (no upper restriction applied)
139 Cities received No Restriction

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Albert Lea	$49,553,800	$50,361,767	1.63	$0	$0	$50,361,767	**$50,361,767**
Albertville	14,063,411	14,300,947	1.69	0	0	14,300,947	**14,300,947**
Alexandria	64,350,150	66,522,164	3.38	0	0	66,522,164	**66,522,164**
Andover	68,889,904	70,416,582	2.22	0	0	70,416,582	**70,416,582**
Anoka	34,372,928	34,917,501	1.58	0	0	34,917,501	**34,917,501**
Apple Valley	83,467,649	84,896,195	1.71	0	0	84,896,195	**84,896,195**
Arden Hills	12,393,131	12,741,131	2.81	0	0	12,741,131	**12,741,131**
Austin	66,731,141	66,933,983	0.30	0	0	66,933,983	**66,933,983**
Baxter	35,825,475	36,536,636	1.99	0	0	36,536,636	**36,536,636**
Belle Plaine	16,898,034	17,167,634	1.60	0	0	17,167,634	**17,167,634**
Bemidji	38,693,299	39,319,355	1.62	0	0	39,319,355	**39,319,355**
Big Lake	17,916,791	18,215,822	1.67	0	0	18,215,822	**18,215,822**
Blaine	104,661,681	107,280,587	2.50	0	0	107,280,587	**107,280,587**
Bloomington	187,115,000	190,279,258	1.69	0	0	190,279,258	**190,279,258**
Brainerd	40,657,156	42,941,912	5.62	0	0	42,941,912	**42,941,912**
Brooklyn Center *	43,122,891	49,120,243	13.91	0	0	49,120,243	**49,120,243**
Brooklyn Park ^^	127,076,969	132,170,289	4.01	0	0	132,170,289	**132,170,289**
Buffalo #	33,344,455	37,524,673	12.54	0	0	37,524,673	**37,524,673**
Burnsville	105,338,872	107,146,428	1.72	0	0	107,146,428	**107,146,428**
Byron *	12,458,491	14,180,260	13.82	0	0	14,180,260	**14,180,260**
Cambridge ^^	34,363,877	35,539,289	3.42	0	0	35,539,289	**35,539,289**
Champlin	40,979,865	41,746,169	1.87	0	0	41,746,169	**41,746,169**
Chanhassen	47,742,152	48,428,913	1.44	0	0	48,428,913	**48,428,913**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Chaska	$42,796,492	$45,610,650	6.58	$0	$0	$45,610,650	**$45,610,650**
Chisago City	13,243,579	13,585,508	2.58	0	0	13,585,508	**13,585,508**
Chisholm	14,334,724	14,335,604	0.01	0	0	14,335,604	**14,335,604**
Circle Pines	5,961,916	6,061,806	1.68	0	0	6,061,806	**6,061,806**
Cloquet	39,534,643	40,247,373	1.80	0	0	40,247,373	**40,247,373**
Columbia Heights	22,922,006	23,309,042	1.69	0	0	23,309,042	**23,309,042**
Coon Rapids	100,984,145	105,949,279	4.92	0	0	105,949,279	**105,949,279**
Corcoran ^^	22,663,382	24,453,113	7.90	0	0	24,453,113	**24,453,113**
Cottage Grove	67,284,742	75,483,478	12.19	0	0	75,483,478	**75,483,478**
Crookston **	28,525,430	25,288,614	(11.35)	27,803,737	0	0	**27,803,737**
Crystal	30,657,941	31,150,598	1.61	0	0	31,150,598	**31,150,598**
Dayton	15,381,981	15,637,338	1.66	0	0	15,637,338	**15,637,338**
Delano **	12,650,841	11,169,435	(11.71)	12,330,775	0	0	**12,330,775**
Detroit Lakes	47,784,190	48,792,272	2.11	0	0	48,792,272	**48,792,272**
Duluth ^	262,388,543	266,202,523	1.45	0	0	266,202,523	**266,202,523**
Eagan	111,220,898	111,735,795	0.46	0	0	111,735,795	**111,735,795**
East Bethel	40,896,890	41,839,343	2.30	0	0	41,839,343	**41,839,343**
East Grand Forks	38,773,318	39,049,051	0.71	0	0	39,049,051	**39,049,051**
Eden Prairie	112,751,505	114,792,335	1.81	0	0	114,792,335	**114,792,335**
Edina	98,737,497	101,204,180	2.50	0	0	101,204,180	**101,204,180**
Elk River	77,167,343	78,443,134	1.65	0	0	78,443,134	**78,443,134**
Fairmont	39,688,679	40,343,425	1.65	0	0	40,343,425	**40,343,425**
Falcon Heights	5,687,939	5,719,159	0.55	0	0	5,719,159	**5,719,159**
Faribault ^^	60,111,791	63,005,986	4.81	0	0	63,005,986	**63,005,986**
Farmington	30,938,527	31,800,231	2.79	0	0	31,800,231	**31,800,231**
Fergus Falls #	60,968,424	57,662,793	(5.42)	59,425,923	0	0	**59,425,923**
Forest Lake	58,594,609	59,580,801	1.68	0	0	59,580,801	**59,580,801**
Fridley	41,629,088	43,886,221	5.42	0	0	43,886,221	**43,886,221**
Glencoe	14,660,717	14,913,285	1.72	0	0	14,913,285	**14,913,285**
Golden Valley	51,475,747	52,338,133	1.68	0	0	52,338,133	**52,338,133**
Grand Rapids **	51,727,808	49,051,096	(5.17)	50,419,094	0	0	**50,419,094**
Ham Lake	49,078,639	50,424,092	2.74	0	0	50,424,092	**50,424,092**
Hastings *	38,705,348	46,861,676	21.07	0	0	46,861,676	**46,861,676**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Hermantown	$35,402,894	$35,872,915	1.33	$0	$0	$35,872,915	**$35,872,915**
Hibbing	87,102,570	88,570,479	1.69	0	0	88,570,479	**88,570,479**
Hopkins	23,096,610	23,492,580	1.71	0	0	23,492,580	**23,492,580**
Hugo	35,983,039	37,255,445	3.54	0	0	37,255,445	**37,255,445**
Hutchinson	42,620,845	43,281,149	1.55	0	0	43,281,149	**43,281,149**
International Falls	12,284,929	13,044,022	6.18	0	0	13,044,022	**13,044,022**
Inver Grove Heights	66,717,154	67,789,150	1.61	0	0	67,789,150	**67,789,150**
Isanti	10,469,355	10,983,507	4.91	0	0	10,983,507	**10,983,507**
Jordan	11,944,759	12,123,528	1.50	0	0	12,123,528	**12,123,528**
Kasson	11,345,852	11,529,115	1.62	0	0	11,529,115	**11,529,115**
La Crescent	8,810,501	8,957,014	1.66	0	0	8,957,014	**8,957,014**
Lake City	12,980,354	13,196,805	1.67	0	0	13,196,805	**13,196,805**
Lake Elmo	31,810,749	33,118,921	4.11	0	0	33,118,921	**33,118,921**
Lakeville	133,928,448	141,122,567	5.37	0	0	141,122,567	**141,122,567**
Lino Lakes ^	40,066,347	39,227,780	(2.09)	0	0	39,227,780	**39,227,780**
Litchfield **	15,281,465	14,480,823	(5.24)	14,894,844	0	0	**14,894,844**
Little Canada	20,190,585	20,529,647	1.68	0	0	20,529,647	**20,529,647**
Little Falls	36,562,658	37,176,695	1.68	0	0	37,176,695	**37,176,695**
Mahtomedi	15,652,176	15,914,149	1.67	0	0	15,914,149	**15,914,149**
Mankato	98,868,267	100,460,349	1.61	0	0	100,460,349	**100,460,349**
Maple Grove	125,499,950	129,216,199	2.96	0	0	129,216,199	**129,216,199**
Maplewood	72,887,387	74,092,892	1.65	0	0	74,092,892	**74,092,892**
Marshall	37,634,020	38,247,397	1.63	0	0	38,247,397	**38,247,397**
Medina ^^	18,716,591	19,718,827	5.35	0	0	19,718,827	**19,718,827**
Mendota Heights	28,409,806	28,864,859	1.60	0	0	28,864,859	**28,864,859**
Minneapolis	595,459,169	605,447,000	1.68	0	0	605,447,000	**605,447,000**
Minnetonka	102,997,425	104,599,792	1.56	0	0	104,599,792	**104,599,792**
Minnetrista ^	19,880,964	19,487,569	(1.98)	0	0	19,487,569	**19,487,569**
Montevideo	14,932,871	15,183,220	1.68	0	0	15,183,220	**15,183,220**
Monticello	24,583,717	25,130,428	2.22	0	0	25,130,428	**25,130,428**
Moorhead	130,397,917	132,460,543	1.58	0	0	132,460,543	**132,460,543**
Morris	15,004,132	15,236,963	1.55	0	0	15,236,963	**15,236,963**
Mound **	14,854,013	13,591,627	(8.50)	14,478,206	0	0	**14,478,206**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
Mounds View	$18,204,060	$19,045,593	4.62	$0	$0	$19,045,593	**$19,045,593**
New Brighton	25,964,287	26,398,512	1.67	0	0	26,398,512	**26,398,512**
New Hope	27,075,282	27,537,048	1.71	0	0	27,537,048	**27,537,048**
New Prague	13,723,915	16,518,817	20.37	0	0	16,518,817	**16,518,817**
New Ulm	34,495,848	35,059,384	1.63	0	0	35,059,384	**35,059,384**
North Branch ^	43,303,141	43,735,985	1.00	0	0	43,735,985	**43,735,985**
North Mankato	33,037,221	33,550,171	1.55	0	0	33,550,171	**33,550,171**
North St. Paul	19,913,097	20,248,486	1.68	0	0	20,248,486	**20,248,486**
Northfield	32,319,937	32,849,169	1.64	0	0	32,849,169	**32,849,169**
Oak Grove	38,803,881	39,447,981	1.66	0	0	39,447,981	**39,447,981**
Oakdale ^^	37,075,378	41,425,942	11.73	0	0	41,425,942	**41,425,942**
Orono	18,347,387	18,431,894	0.46	0	0	18,431,894	**18,431,894**
Otsego	40,470,951	42,767,510	5.67	0	0	42,767,510	**42,767,510**
Owatonna	71,112,905	72,563,785	2.04	0	0	72,563,785	**72,563,785**
Plymouth	150,167,228	153,477,977	2.20	0	0	153,477,977	**153,477,977**
Prior Lake	38,203,683	42,738,507	11.87	0	0	42,738,507	**42,738,507**
Ramsey	58,768,062	61,828,403	5.21	0	0	61,828,403	**61,828,403**
Red Wing	49,879,686	51,715,908	3.68	0	0	51,715,908	**51,715,908**
Redwood Falls	17,077,381	17,656,849	3.39	0	0	17,656,849	**17,656,849**
Richfield	55,516,577	56,466,393	1.71	0	0	56,466,393	**56,466,393**
Robbinsdale	19,974,402	20,302,242	1.64	0	0	20,302,242	**20,302,242**
Rochester	295,467,294	306,519,959	3.74	0	0	306,519,959	**306,519,959**
Rogers	41,763,008	42,278,617	1.23	0	0	42,278,617	**42,278,617**
Rosemount	52,139,809	55,603,343	6.64	0	0	55,603,343	**55,603,343**
Roseville	57,087,435	57,984,633	1.57	0	0	57,984,633	**57,984,633**
Sartell	40,119,191	40,729,374	1.52	0	0	40,729,374	**40,729,374**
Sauk Rapids	33,905,449	34,722,287	2.41	0	0	34,722,287	**34,722,287**
Savage	52,002,257	54,116,091	4.06	0	0	54,116,091	**54,116,091**
Shakopee	77,711,059	81,296,338	4.61	0	0	81,296,338	**81,296,338**
Shoreview	35,670,694	36,508,848	2.35	0	0	36,508,848	**36,508,848**
Shorewood	16,746,424	17,029,194	1.69	0	0	17,029,194	**17,029,194**
South St. Paul	31,760,282	32,295,717	1.69	0	0	32,295,717	**32,295,717**
Spring Lake Park	11,014,310	11,100,759	0.78	0	0	11,100,759	**11,100,759**

	Restricted Needs used for 2020 Distribution	Unadjusted Construction Needs for 2021 Distribution	Percent Change from 2020 to 2021	Lower Restriction (-2.53%)	Upper Restriction (+12.47%)	No Restriction	Restricted Needs For Jan. 2021 Distribution
St. Anthony	$13,423,782	$13,757,118	2.48	$0	$0	$13,757,118	**$13,757,118**
St. Cloud	154,755,190	162,454,324	4.98	0	0	162,454,324	**162,454,324**
St. Francis **	23,873,839	19,628,665	(17.78)	23,269,831	0	0	**23,269,831**
St. Joseph *	5,940,130	14,656,811	146.74	0	0	14,656,811	**14,656,811**
St. Louis Park	80,225,350	81,863,883	2.04	0	0	81,863,883	**81,863,883**
St. Michael **	45,011,462	41,103,656	(8.68)	43,872,672	0	0	**43,872,672**
St. Paul	473,362,392	479,548,529	1.31	0	0	479,548,529	**479,548,529**
St. Paul Park	11,950,397	12,129,581	1.50	0	0	12,129,581	**12,129,581**
St. Peter	27,157,747	26,966,289	(0.70)	0	0	26,966,289	**26,966,289**
Stewartville	7,251,293	7,372,111	1.67	0	0	7,372,111	**7,372,111**
Stillwater	35,897,210	36,299,757	1.12	0	0	36,299,757	**36,299,757**
Thief River Falls **	37,937,793	35,048,379	(7.62)	36,977,967	0	0	**36,977,967**
Vadnais Heights	16,654,328	16,935,480	1.69	0	0	16,935,480	**16,935,480**
Victoria	14,043,324	14,273,001	1.64	0	0	14,273,001	**14,273,001**
Virginia	32,520,268	32,233,704	(0.88)	0	0	32,233,704	**32,233,704**
Waconia	28,330,614	28,811,037	1.70	0	0	28,811,037	**28,811,037**
Waite Park ^^	16,672,685	17,037,071	2.19	0	0	17,037,071	**17,037,071**
Waseca	13,633,563	13,863,209	1.68	0	0	13,863,209	**13,863,209**
West St. Paul	26,639,405	26,998,803	1.35	0	0	26,998,803	**26,998,803**
White Bear Lake	38,516,390	39,167,500	1.69	0	0	39,167,500	**39,167,500**
Willmar	62,709,076	63,713,567	1.60	0	0	63,713,567	**63,713,567**
Winona	49,947,663	50,583,812	1.27	0	0	50,583,812	**50,583,812**
Woodbury	132,630,529	138,621,920	4.52	0	0	138,621,920	**138,621,920**
Worthington	22,155,096	22,427,741	1.23	0	0	22,427,741	**22,427,741**
Wyoming	26,692,325	27,684,084	3.72	0	0	27,684,084	**27,684,084**
Zimmerman	9,820,341	9,983,677	1.66	0	0	9,983,677	**9,983,677**
Total	**$7,938,897,676**	**$8,135,134,488**	**2.47%**	**$283,473,049**	**$0**	**$7,868,109,400**	**$8,151,582,449**

* on the *upper restriction* since Phase-in began (4 cities)
** on the *lower restriction* since Phase-in began (8 cities)
^ was *lower restriction* last year
^^ was *upper restriction* last year
# city was not restricted last year, but restricted this year

2020 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS (alternate)

for January **2021** apportionment

		ADJUSTMENTS						
Municipality	**Restricted (Phase in) Needs for Jan. 2021 Distribution**	*** Excess Balance Adjustment redistributed as Low Balance Incentive**	**(+) After the Fact Railroad Bridge over MSAS Route**	**(+) After the Fact Right of Way Adjustment**	**(+) After the Fact Retaining Wall Adjustment**	**(+) After the Fact Railroad Crossing Adjustment**	**Total Adjustments**	**Adjusted Restricted Construction Needs**
Albert Lea	$50,361,767	$169,892			$67,342		$67,342	**$50,429,109**
Albertville	14,300,947	(1,667,758)					0	**14,300,947**
Alexandria	66,522,164	224,408		$400,118	25,633		425,751	**66,947,915**
Andover	70,416,582	237,546		13,320	20,197		33,517	**70,450,099**
Anoka	34,917,501	117,792					0	**34,917,501**
Apple Valley	84,896,195						0	**84,896,195**
Arden Hills	12,741,131	42,981					0	**12,741,131**
Austin	66,933,983						0	**66,933,983**
Baxter	36,536,636	123,254					0	**36,536,636**
Belle Plaine	17,167,634	57,914		1,224,822			1,224,822	**18,392,456**
Bemidji	39,319,355						0	**39,319,355**
Big Lake	18,215,822	61,450					0	**18,215,822**
Blaine	107,280,587			5,443,699			5,443,699	**112,724,286**
Bloomington	190,279,258			1,542,986	283,112		1,826,098	**192,105,356**
Brainerd	42,941,912	144,862		1,255,447	231,160		1,486,607	**44,428,519**
Brooklyn Center	49,120,243	165,704					0	**49,120,243**
Brooklyn Park	132,170,289	445,868		44,385			44,385	**132,214,674**
Buffalo	37,524,673			1,550,985	61,252	$528,566	2,140,803	**39,665,476**
Burnsville	107,146,428	361,452					0	**107,146,428**
Byron	14,180,260						0	**14,180,260**
Cambridge	35,539,289	119,890			28,020	234,357	262,377	**35,801,666**
Champlin	41,746,169	140,828		62,348			62,348	**41,808,517**
Chanhassen	48,428,913						0	**48,428,913**
Chaska	45,610,650	153,865		210,039			210,039	**45,820,689**
Chisago City	13,585,508	45,830					0	**13,585,508**
Chisholm	14,335,604	48,360					0	**14,335,604**
Circle Pines	6,061,806	20,449		82,365			82,365	**6,144,171**
Cloquet	40,247,373	135,772			81,498		81,498	**40,328,871**
Columbia Heights	23,309,042	78,632					0	**23,309,042**
Coon Rapids	105,949,279	357,413		2,469,664			2,469,664	**108,418,943**
Corcoran	24,453,113	(1,781,083)					0	**24,453,113**
Cottage Grove	75,483,478	254,639		291,317			291,317	**75,774,795**
Crookston	27,803,737						0	**27,803,737**
Crystal	31,150,598	105,085			42,510		42,510	**31,193,108**
Dayton	15,637,338	52,752		1,181,809			1,181,809	**16,819,147**
Delano	12,330,775	41,597		200,000			200,000	**12,530,775**
Detroit Lakes	48,792,272	164,598		51,476			51,476	**48,843,748**
Duluth	266,202,523	898,018		2,506,670	3,043,689		5,550,359	**271,752,882**
Eagan	111,735,795	376,934		4,372,885			4,372,885	**116,108,680**

Municipality	Restricted (Phase in) Needs for Jan. 2021 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	$41,839,343			$774,783			$774,783	**$42,614,126**
East Grand Forks	39,049,051			141,624			141,624	**39,190,675**
Eden Prairie	114,792,335	387,245		1,224,689	$129,789		1,354,478	**116,146,813**
Edina	101,204,180	341,406					0	**101,204,180**
Elk River	78,443,134			1,181,008			1,181,008	**79,624,142**
Fairmont	40,343,425						0	**40,343,425**
Falcon Heights	5,719,159						0	**5,719,159**
Faribault	63,005,986	212,547		145,310			145,310	**63,151,296**
Farmington	31,800,231	107,276					0	**31,800,231**
Fergus Falls	59,425,923			318,549	110,360	$299,555	728,464	**60,154,387**
Forest Lake	59,580,801	200,992					0	**59,580,801**
Fridley	43,886,221						0	**43,886,221**
Glencoe	14,913,285						0	**14,913,285**
Golden Valley	52,338,133						0	**52,338,133**
Grand Rapids	50,419,094	170,086		2,333,201	$236,876		2,570,077	**52,989,171**
Ham Lake	50,424,092	170,103		973,082			973,082	**51,397,174**
Hastings	46,861,676						0	**46,861,676**
Hermantown	35,872,915	121,015		75,976			75,976	**35,948,891**
Hibbing	88,570,479	298,787					0	**88,570,479**
Hopkins	23,492,580	79,251					0	**23,492,580**
Hugo	37,255,445	125,679					0	**37,255,445**
Hutchinson	43,281,149	146,006					0	**43,281,149**
International Falls	13,044,022	44,003					0	**13,044,022**
Inver Grove Heights	67,789,150	228,683		776,192	179,003		955,195	**68,744,345**
Isanti	10,983,507	37,052					0	**10,983,507**
Jordan	12,123,528	40,898					0	**12,123,528**
Kasson	11,529,115			44,906	35,640		80,546	**11,609,661**
La Crescent	8,957,014			25,000	8,624		33,624	**8,990,638**
Lake City	13,196,805						0	**13,196,805**
Lake Elmo	33,118,921	111,725		232,821			232,821	**33,351,742**
Lakeville	141,122,567	476,068		985,479	118,042		1,103,521	**142,226,088**
Lino Lakes	39,227,780	132,332		244,162			244,162	**39,471,942**
Litchfield	14,894,844	50,247					0	**14,894,844**
Little Canada	20,529,647	69,255					0	**20,529,647**
Little Falls	37,176,695	(2,615,070)		1,103,195			1,103,195	**38,279,890**
Mahtomedi	15,914,149						0	**15,914,149**
Mankato	100,460,349	338,897		52,197			52,197	**100,512,546**
Maple Grove	129,216,199						0	**129,216,199**
Maplewood	74,092,892	249,948		2,056,960			2,056,960	**76,149,852**
Marshall	38,247,397	129,025		302,397	514,325		816,722	**39,064,119**
Medina	19,718,827						0	**19,718,827**
Mendota Heights	28,864,859	(1,653,996)		22,146			22,146	**28,887,005**
Minneapolis	605,447,000			181,087			181,087	**605,628,087**
Minnetonka	104,599,792				37,913		37,913	**104,637,705**
Minnetrista	19,487,569			145,293			145,293	**19,632,862**

Municipality	Restricted (Phase in) Needs for Jan. 2021 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	$15,183,220	$51,220					$0	**$15,183,220**
Monticello	25,130,428	84,776			307,791		307,791	**25,438,219**
Moorhead	132,460,543	446,847		4,260,855	$375,667	$625,785	5,262,307	**137,722,850**
Morris	15,236,963						0	**15,236,963**
Mound	14,478,206	48,841					0	**14,478,206**
Mounds View	19,045,593	64,249			13,419		13,419	**19,059,012**
New Brighton	26,398,512	89,054		111,812			111,812	**26,510,324**
New Hope	27,537,048	92,895			32,400		32,400	**27,569,448**
New Prague	16,518,817	55,725		6,287			6,287	**16,525,104**
New Ulm	35,059,384	118,271				18,433	18,433	**35,077,817**
North Branch	43,735,985	147,541		63,910			63,910	**43,799,895**
North Mankato	33,550,171	113,179		64,226			64,226	**33,614,397**
North St. Paul	20,248,486	68,307		448,302			448,302	**20,696,788**
Northfield	32,849,169	110,815					0	**32,849,169**
Oak Grove	39,447,981	133,075		664,568			664,568	**40,112,549**
Oakdale	41,425,942	139,748		1,572,366	20,658		1,593,024	**43,018,966**
Orono	18,431,894	62,179					0	**18,431,894**
Otsego	42,767,510	144,274		1,617,268			1,617,268	**44,384,778**
Owatonna	72,563,785						0	**72,563,785**
Plymouth	153,477,977	517,748		2,490,023	64,144		2,554,167	**156,032,144**
Prior Lake	42,738,507	144,176		423,049			423,049	**43,161,556**
Ramsey	61,828,403			207,749			207,749	**62,036,152**
Red Wing	51,715,908	174,460			539,025		539,025	**52,254,933**
Redwood Falls	17,656,849	59,564		383,850			383,850	**18,040,699**
Richfield	56,466,393	190,486		7,794,033			7,794,033	**64,260,426**
Robbinsdale	20,302,242	(1,979,291)					0	**20,302,242**
Rochester	306,519,959			2,051,644			2,051,644	**308,571,603**
Rogers	42,278,617	(2,147,020)					0	**42,278,617**
Rosemount	55,603,343	187,574		187,950			187,950	**55,791,293**
Roseville	57,984,633				107,381		107,381	**58,092,014**
Sartell	40,729,374	137,398		1,406,000	6,000		1,412,000	**42,141,374**
Sauk Rapids	34,722,287	117,133		407,639			407,639	**35,129,926**
Savage	54,116,091	182,557					0	**54,116,091**
Shakopee	81,296,338						0	**81,296,338**
Shoreview	36,508,848	123,160		9,300			9,300	**36,518,148**
Shorewood	17,029,194			22,486			22,486	**17,051,680**
South St. Paul	32,295,717	108,948					0	**32,295,717**
Spring Lake Park	11,100,759	37,448					0	**11,100,759**
St. Anthony	13,757,118	46,409					0	**13,757,118**
St. Cloud	162,454,324	548,030		3,036,110			3,036,110	**165,490,434**
St. Francis	23,269,831	78,499		14,990			14,990	**23,284,821**
St. Joseph	14,656,811			230,143			230,143	**14,886,954**
St. Louis Park	81,863,883	276,163					0	**81,863,883**
St. Michael	43,872,672	148,002					0	**43,872,672**
St. Paul	479,548,529			13,496,986	51,542		13,548,528	**493,097,057**
St. Paul Park	12,129,581	40,918		45,694			45,694	**12,175,275**

Municipality	Restricted (Phase in) Needs for Jan. 2021 Distribution	* Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
St. Peter	$26,966,289			$1,804,570			$1,804,570	**$28,770,859**
Stewartville	7,372,111						0	**7,372,111**
Stillwater	36,299,757	122,455					0	**36,299,757**
Thief River Falls	36,977,967	124,743	$378,684	467,865	$296,422		1,142,971	**38,120,938**
Vadnais Heights	16,935,480			17,096			17,096	**16,952,576**
Victoria	14,273,001						0	**14,273,001**
Virginia	32,233,704						0	**32,233,704**
Waconia	28,811,037	(1,885,612)					0	**28,811,037**
Waite Park	17,037,071			855,017			855,017	**17,892,088**
Waseca	13,863,209	46,767		213,261			213,261	**14,076,470**
West St. Paul	26,998,803	91,079			125,918		125,918	**27,124,721**
White Bear Lake	39,167,500	132,129					0	**39,167,500**
Willmar	63,713,567						0	**63,713,567**
Winona	50,583,812						0	**50,583,812**
Woodbury	138,621,920	467,632		942,597			942,597	**139,564,517**
Worthington	22,427,741	(1,888,023)					0	**22,427,741**
Wyoming	27,684,084	93,391		16,500			16,500	**27,700,584**
Zimmerman	9,983,677	33,679					0	**9,983,677**
State Total	**$8,151,582,449**	**($0)**	**$378,684**	**$81,578,538**	**$7,195,352**	**$1,706,696**	**$90,859,270**	**$8,242,441,719**

N: MSAS/Books/2020 Oct Book/Adjusted Construction Needs (Old Book File).xls

TENT 2021 CONSTRUCTION NEEDS ALLOCATIONS (alternate)

Needs Value: $1,000 in Construction Needs = approximately $10.84 in apportionment

The following table shows each municipality's *Tentative* Money Needs Allocation based on a projected apportionment amount of $89,354,438. The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January 2021. 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	2021 Construction Needs Allocations	% Of Total Dist.
Albert Lea	$50,429,109	$546,691		**$546,691**	0.612
Albertville	14,300,947	155,033		**155,033**	0.174
Alexandria	66,947,915	725,767		**725,767**	0.812
Andover	70,450,099	763,734		**763,734**	0.855
Anoka	34,917,501	378,533		**378,533**	0.424
Apple Valley	84,896,195	920,340		**920,340**	1.030
Arden Hills	12,741,131	138,124		**138,124**	0.155
Austin	66,933,983	725,616		**725,616**	0.812
Baxter	36,536,636	396,085		**396,085**	0.443
Belle Plaine	18,392,456	199,388		**199,388**	0.223
Bemidji	39,319,355	426,252		**426,252**	0.477
Big Lake	18,215,822	197,474		**197,474**	0.221
Blaine	112,724,286	1,222,018		**1,222,018**	1.368
Bloomington	192,105,356	2,082,571		**2,082,571**	2.331
Brainerd	44,428,519	481,639		**481,639**	0.539
Brooklyn Center	49,120,243	532,501		**532,501**	0.596
Brooklyn Park	132,214,674	1,433,309		**1,433,309**	1.604
Buffalo	39,665,476	430,004		**430,004**	0.481
Burnsville	107,146,428	1,161,550		**1,161,550**	1.300
Byron	14,180,260	153,725		**153,725**	0.172
Cambridge	35,801,666	388,118		**388,118**	0.434
Champlin	41,808,517	453,237		**453,237**	0.507
Chanhassen	48,428,913	525,007		**525,007**	0.588
Chaska	45,820,689	496,732		**496,732**	0.556
Chisago City	13,585,508	147,277		**147,277**	0.165
Chisholm	14,335,604	155,409		**155,409**	0.174
Circle Pines	6,144,171	66,608		**66,608**	0.075
Cloquet	40,328,871	437,196		**437,196**	0.489
Columbia Heights	23,309,042	252,688		**252,688**	0.283
Coon Rapids	108,418,943	1,175,345		**1,175,345**	1.315
Corcoran	24,453,113	265,091		**265,091**	0.297
Cottage Grove	75,774,795	821,457		**821,457**	0.919
Crookston	27,803,737	301,414		**301,414**	0.337
Crystal	31,193,108	338,157		**338,157**	0.378
Dayton	16,819,147	182,333		**182,333**	0.204
Delano	12,530,775	135,843		**135,843**	0.152
Detroit Lakes	48,843,748	529,504		**529,504**	0.593
Duluth	271,752,882	2,946,011		**2,946,011**	3.297
Eagan	116,108,680	1,258,708		**1,258,708**	1.409
East Bethel	42,614,126	461,970		**461,970**	0.517
East Grand Forks	39,190,675	424,857		**424,857**	0.475
Eden Prairie	116,146,813	1,259,121		**1,259,121**	1.409
Edina	101,204,180	1,097,132		**1,097,132**	1.228
Elk River	79,624,142	863,187		**863,187**	0.966
Fairmont	40,343,425	437,354		**437,354**	0.489
Falcon Heights	5,719,159	62,000		**62,000**	0.069
Faribault	63,151,296	684,609		**684,609**	0.766
Farmington	31,800,231	344,739		**344,739**	0.386
Fergus Falls	60,154,387	652,120		**652,120**	0.730
Forest Lake	59,580,801	645,902		**645,902**	0.723

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2021 Construction Needs Allocations	% Of Total Dist.
Fridley	$43,886,221	$475,761		**$475,761**	0.532
Glencoe	14,913,285	161,672		**161,672**	0.181
Golden Valley	52,338,133	567,386		**567,386**	0.635
Grand Rapids	52,989,171	574,444		**574,444**	0.643
Ham Lake	51,397,174	557,185		**557,185**	0.624
Hastings	46,861,676	508,017		**508,017**	0.569
Hermantown	35,948,891	389,714		**389,714**	0.436
Hibbing	88,570,479	960,172		**960,172**	1.075
Hopkins	23,492,580	254,678		**254,678**	0.285
Hugo	37,255,445	403,878		**403,878**	0.452
Hutchinson	43,281,149	469,201		**469,201**	0.525
International Falls	13,044,022	141,407		**141,407**	0.158
Inver Grove Heights	68,744,345	745,242		**745,242**	0.834
Isanti	10,983,507	119,070		**119,070**	0.133
Jordan	12,123,528	131,428		**131,428**	0.147
Kasson	11,609,661	125,858		**125,858**	0.141
La Crescent	8,990,638	97,465		**97,465**	0.109
Lake City	13,196,805	143,064		**143,064**	0.160
Lake Elmo	33,351,742	361,559		**361,559**	0.405
Lakeville	142,226,088	1,541,841		**1,541,841**	1.726
Lino Lakes	39,471,942	427,906		**427,906**	0.479
Litchfield	14,894,844	161,472		**161,472**	0.181
Little Canada	20,529,647	222,557		**222,557**	0.249
Little Falls	38,279,890	414,984		**414,984**	0.464
Mahtomedi	15,914,149	172,522		**172,522**	0.193
Mankato	100,512,546	1,089,634		**1,089,634**	1.219
Maple Grove	129,216,199	1,400,803		**1,400,803**	1.568
Maplewood	76,149,852	825,523		**825,523**	0.924
Marshall	39,064,119	423,485		**423,485**	0.474
Medina	19,718,827	213,767		**213,767**	0.239
Mendota Heights	28,887,005	313,157		**313,157**	0.350
Minneapolis	605,628,087	6,565,476		**6,565,476**	7.348
Minnetonka	104,637,705	1,134,354		**1,134,354**	1.269
Minnetrista	19,632,862	212,835		**212,835**	0.238
Montevideo	15,183,220	164,598		**164,598**	0.184
Monticello	25,438,219	275,770		**275,770**	0.309
Moorhead	137,722,850	1,493,022		**1,493,022**	1.671
Morris	15,236,963	165,180		**165,180**	0.185
Mound	14,478,206	156,955		**156,955**	0.176
Mounds View	19,059,012	206,614		**206,614**	0.231
New Brighton	26,510,324	287,392		**287,392**	0.322
New Hope	27,569,448	298,874		**298,874**	0.334
New Prague	16,525,104	179,145		**179,145**	0.200
New Ulm	35,077,817	380,271		**380,271**	0.426
North Branch	43,799,895	474,825		**474,825**	0.531
North Mankato	33,614,397	364,406		**364,406**	0.408
North St. Paul	20,696,788	224,369		**224,369**	0.251
Northfield	32,849,169	356,110		**356,110**	0.399
Oak Grove	40,112,549	434,851		**434,851**	0.487
Oakdale	43,018,966	466,359		**466,359**	0.522
Orono	18,431,894	199,816		**199,816**	0.224
Otsego	44,384,778	481,165		**481,165**	0.538
Owatonna	72,563,785	786,648		**786,648**	0.880
Plymouth	156,032,144	1,691,509		**1,691,509**	1.893
Prior Lake	43,161,556	467,905		**467,905**	0.524
Ramsey	62,036,152	672,520		**672,520**	0.753
Red Wing	52,254,933	566,484		**566,484**	0.634
Redwood Falls	18,040,699	195,575		**195,575**	0.219

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations	TH Turnback Main-tenance Allowance	2021 Construction Needs Allocations	% Of Total Dist.
Richfield	$64,260,426	$696,633		**$696,633**	0.780
Robbinsdale	20,302,242	220,092		**220,092**	0.246
Rochester	308,571,603	3,345,155		**3,345,155**	3.744
Rogers	42,278,617	458,333		**458,333**	0.513
Rosemount	55,791,293	604,821		**604,821**	0.677
Roseville	58,092,014	629,762		**629,762**	0.705
Sartell	42,141,374	456,845		**456,845**	0.511
Sauk Rapids	35,129,926	380,836		**380,836**	0.426
Savage	54,116,091	586,660		**586,660**	0.657
Shakopee	81,296,338	881,315		**881,315**	0.986
Shoreview	36,518,148	395,885		**395,885**	0.443
Shorewood	17,051,680	184,853		**184,853**	0.207
South St. Paul	32,295,717	350,111		**350,111**	0.392
Spring Lake Park	11,100,759	120,341		**120,341**	0.135
St. Anthony	13,757,118	149,138		**149,138**	0.167
St. Cloud	165,490,434	1,794,044		**1,794,044**	2.008
St. Francis	23,284,821	252,425		**252,425**	0.282
St. Joseph	14,886,954	161,386		**161,386**	0.181
St. Louis Park	81,863,883	887,468		**887,468**	0.993
St. Michael	43,872,672	475,614		**475,614**	0.532
St. Paul	493,097,057	5,345,553		**5,345,553**	5.982
St. Paul Park	12,175,275	131,989		**131,989**	0.148
St. Peter	28,770,859	311,898		**311,898**	0.349
Stewartville	7,372,111	79,919		**79,919**	0.089
Stillwater	36,299,757	393,517		**393,517**	0.440
Thief River Falls	38,120,938	413,260		**413,260**	0.462
Vadnais Heights	16,952,576	183,779		**183,779**	0.206
Victoria	14,273,001	154,730		**154,730**	0.173
Virginia	32,233,704	349,438		**349,438**	0.391
Waconia	28,811,037	312,334		**312,334**	0.350
Waite Park	17,892,088	193,964		**193,964**	0.217
Waseca	14,076,470	152,600		**152,600**	0.171
West St. Paul	27,124,721	294,053		**294,053**	0.329
White Bear Lake	39,167,500	424,606		**424,606**	0.475
Willmar	63,713,567	690,704		**690,704**	0.773
Winona	50,583,812	548,368		**548,368**	0.614
Woodbury	139,564,517	1,512,987		**1,512,987**	1.693
Worthington	22,427,741	243,134		**243,134**	0.272
Wyoming	27,700,584	300,296		**300,296**	0.336
Zimmerman	9,983,677	108,232		**108,232**	0.121
State Total	**$8,242,441,719**	**$89,354,438**	**$0**	**$89,354,438**	**100.0000**

2020 ADJUSTED RESTRICTED CONSTRUCTION NEEDS (alternate)

for the 2021 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	$50,429,109	Edina	$101,204,180
Albertville	14,300,947	Elk River	79,624,142
Alexandria	66,947,915	Fairmont	40,343,425
Andover	70,450,099	Falcon Heights	5,719,159
Anoka	34,917,501	Faribault	63,151,296
Apple Valley	84,896,195	Farmington	31,800,231
Arden Hills	12,741,131	Fergus Falls	60,154,387
Austin	66,933,983	Forest Lake	59,580,801
Baxter	36,536,636	Fridley	43,886,221
Belle Plaine	18,392,456	Glencoe	14,913,285
Bemidji	39,319,355	Golden Valley	52,338,133
Big Lake	18,215,822	Grand Rapids	52,989,171
Blaine	112,724,286	Ham Lake	51,397,174
Bloomington	192,105,356	Hastings	46,861,676
Brainerd	44,428,519	Hermantown	35,948,891
Brooklyn Center	49,120,243	Hibbing	88,570,479
Brooklyn Park	132,214,674	Hopkins	23,492,580
Buffalo	39,665,476	Hugo	37,255,445
Burnsville	107,146,428	Hutchinson	43,281,149
Byron	14,180,260	International Falls	13,044,022
Cambridge	35,801,666	Inver Grove Heights	68,744,345
Champlin	41,808,517	Isanti	10,983,507
Chanhassen	48,428,913	Jordan	12,123,528
Chaska	45,820,689	Kasson	11,609,661
Chisago City	13,585,508	La Crescent	8,990,638
Chisholm	14,335,604	Lake City	13,196,805
Circle Pines	6,144,171	Lake Elmo	33,351,742
Cloquet	40,328,871	Lakeville	142,226,088
Columbia Heights	23,309,042	Lino Lakes	39,471,942
Coon Rapids	108,418,943	Litchfield	14,894,844
Corcoran	24,453,113	Little Canada	20,529,647
Cottage Grove	75,774,795	Little Falls	38,279,890
Crookston	27,803,737	Mahtomedi	15,914,149
Crystal	31,193,108	Mankato	100,512,546
Dayton	16,819,147	Maple Grove	129,216,199
Delano	12,530,775	Maplewood	76,149,852
Detroit Lakes	48,843,748	Marshall	39,064,119
Duluth	271,752,882	Medina	19,718,827
Eagan	116,108,680	Mendota Heights	28,887,005
East Bethel	42,614,126	Minneapolis	605,628,087
East Grand Forks	39,190,675	Minnetonka	104,637,705
Eden Prairie	116,146,813	Minnetrista	19,632,862

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Montevideo	$15,183,220	Savage	$54,116,091
Monticello	25,438,219	Shakopee	81,296,338
Moorhead	137,722,850	Shoreview	36,518,148
Morris	15,236,963	Shorewood	17,051,680
Mound	14,478,206	South St. Paul	32,295,717
Mounds View	19,059,012	Spring Lake Park	11,100,759
New Brighton	26,510,324	St. Anthony	13,757,118
New Hope	27,569,448	St. Cloud	165,490,434
New Prague	16,525,104	St. Francis	23,284,821
New Ulm	35,077,817	St. Joseph	14,886,954
North Branch	43,799,895	St. Louis Park	81,863,883
North Mankato	33,614,397	St. Michael	43,872,672
North St. Paul	20,696,788	St. Paul	493,097,057
Northfield	32,849,169	St. Paul Park	12,175,275
Oak Grove	40,112,549	St. Peter	28,770,859
Oakdale	43,018,966	Stewartville	7,372,111
Orono	18,431,894	Stillwater	36,299,757
Otsego	44,384,778	Thief River Falls	38,120,938
Owatonna	72,563,785	Vadnais Heights	16,952,576
Plymouth	156,032,144	Victoria	14,273,001
Prior Lake	43,161,556	Virginia	32,233,704
Ramsey	62,036,152	Waconia	28,811,037
Red Wing	52,254,933	Waite Park	17,892,088
Redwood Falls	18,040,699	Waseca	14,076,470
Richfield	64,260,426	West St. Paul	27,124,721
Robbinsdale	20,302,242	White Bear Lake	39,167,500
Rochester	308,571,603	Willmar	63,713,567
Rogers	42,278,617	Winona	50,583,812
Rosemount	55,791,293	Woodbury	139,564,517
Roseville	58,092,014	Worthington	22,427,741
Sartell	42,141,374	Wyoming	27,700,584
Sauk Rapids	35,129,926	Zimmerman	9,983,677
		State Total	**$8,242,441,719**

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CERTIFICATION OF MSAS SYSTEM AS COMPLETE

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

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

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

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

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

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

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

LOCAL AMOUNT AVAILABLE AFTER JANUARY 2020 ALLOCATION

Prepared for the January 2020 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	**$1,301,674**	**$847,206**	**$218,308**	**$963,871**	**$583,934**
Population	$756,867	$547,222	$143,869	$548,219	$210,617
Money Needs	$544,807	$299,984	$74,439	$415,652	$373,317
% based on Pop.	58.2%	64.6%	65.9%	56.9%	36.1%
Total Construction Allotment: Jan. 2020 (total apportionment - maintenance)	**$846,088**	**$635,404**	**$163,731**	**$722,903**	**$437,950**
Allocation to 90p acct (amount of construction allotment based on Population)	**$491,963**	**$410,416**	**$107,902**	**$411,164**	**$157,963**
Amount Remaining in 90p acct from 2019	**$219,040**	**$0**	**$475,991**	**$996,774**	**$643,020**
*** Maximum Local Unemcumbered Amount Available after January 2020 Allocation**	**$711,003**	**$410,416**	**$583,893**	**$1,407,938**	**$800,983**

* This is the amount available to spend on city streets after the 2020 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

Summary of Account: 90P - CERT POPULATION

for August 2020 as of 8/19/2020

Municipality	Dist	Beg Yr Bal	Annual Allocations	Total	Deposits	Tranfers	Disbursement	Unexp Bal	Encumbrance	B/L Rsrv	Bal Available
113-COLUMBIA HEIGHTS	5	6,167.59	410,416.00	416,583.59	0.00	0.00	2,489.43	414,094.16	6,167.59	0.00	407,926.57
115-CROOKSTON	2	643,019.78	157,963.00	800,982.78	0.00	0.00	0.00	800,982.78	0.00	0.00	800,982.78
124-FALCON HEIGHTS	5	498,770.98	107,902.00	606,672.98	0.00	0.00	0.00	606,672.98	16,250.00	0.00	590,422.98
127-FRIDLEY	5	219,040.32	491,963.00	711,003.32	0.00	0.00	64,211.97	646,791.35	3,379.58	0.00	643,411.77
168-SOUTH SAINT PAUL	5	1,034,605.84	411,164.00	1,445,769.84	0.00	0.00	1,392,875.24	52,894.60	37,831.85	0.00	15,062.75
Total		**2,401,604.51**	**1,579,408.00**	**3,981,012.51**	**0.00**	**0.00**	**1,459,576.64**	**2,521,435.87**	**63,629.02**	**0.00**	**2,457,806.85**

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	1,364,462	2,584,435
2011	2,858,585	762,419	2,096,166		**2020**	**4,321,254**	_____	_____

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 $1,051,228 (not to exceed 1/2 of 1% of the 2020 MSAS Apportionment sum of: $210,245,736) shall be set aside from the 2021 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	962,329
2011	636,577	636,577		**2021**	**1,051,228**	

Enterprise MnDOT Mapping Application

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

DEPARTMENT OF TRANSPORTATION

Transportation Data and Analysis

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

TDA Home | Glossary | Links | Contacts

Enterprise MnDOT Mapping Application

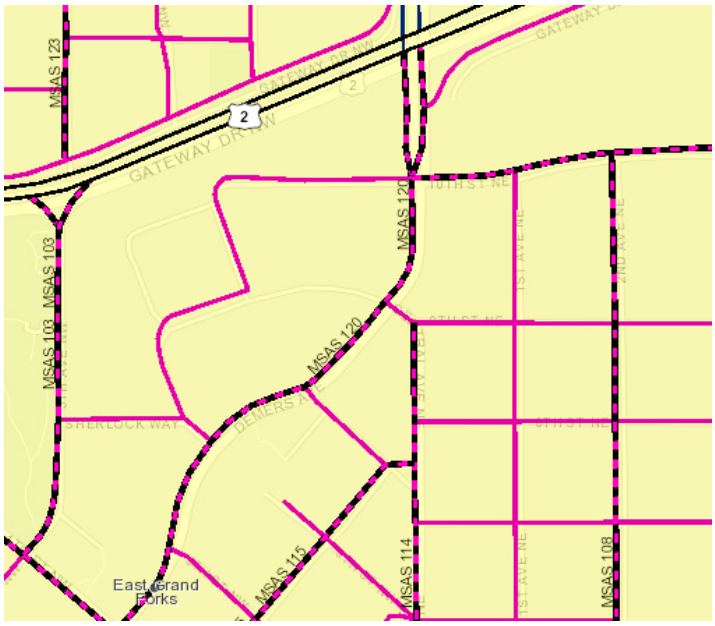
Launch application

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 RED - SEVERE

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 submitted for multiple years) and void at 12/31 of that year.**

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

Advance funding is not guaranteed. If the city finds they need a guarantee that the funds will be held specifically for them they can submit a "Request to Reserve Funds" to ensure funds will be available for their project. Once approved, a signed copy will be returned to the county. **Requests are good only for the year requested (cannot be 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 Mohamed Farah at mohamed.m.farah@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.

If a municipality has a negative balance and the status is Code Red – Severe: then State Aid Finance will not be able to pay the municipality for the local agency bond principal.

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 2020

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

BE IT RESOLVED:

ADMINISTRATION

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

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

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

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

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

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

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

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

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

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

Screening Board Meeting Dates and Locations - June 1996

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

Research Account - Oct. 1961

An annual resolution be considered for setting aside up to ½ of 1% of the previous years' Apportionment fund for the Research Account to continue municipal street research activity.

Population Apportionment - October 1994, 1996

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

Improper Needs Report - Oct. 1961

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

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

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

Certified Complete Cities – May 2014 (Revised October 2014)
State Aid Operational Rule 8820.18 subp.2 allows cities to spend the population based portion of their Construction Allotment on non MSAS city streets if its MSAS system has been Certified Complete.

At the city's request, the District State Aid Engineer will review the MSAS system in that city and if the system has been completely built, may certify it complete for a period of two years.
The same proportion of a city's total allocation based on population will be used to compute the population portion of its Construction Allotment.

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

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

Construction Needs Components – May 2014

For Construction Needs purposes, all roadways on the MSAS system will be considered as being built to Urban standards.
All segments on the MSAS system will generate continuous Construction Needs on the following items:
Excavation/Grading
Gravel Base
Bituminous
Curb and Gutter Construction
Sidewalk Construction
Storm Sewer Construction
Street Lighting
Traffic Signals
Engineering
Structures

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

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

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

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

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

MSAS URBAN ADT GROUPS FOR NEEDS PURPOSES
Quantities Based on a One Mile Section

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

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

The quantity used for **Sidewalk Construction** will be determined by multiplying the segment length times 26,400 (a five foot wide sidewalk on one side of a mile of roadway) in the lower two ADT groups (less than 500 ADT) and by 52,800 (two five foot wide sidewalks on a mile of roadway) in the upper ADT groups.
This quantity will then be multiplied by the Municipal Screening Board approved Unit Price to determine the Sidewalk Construction Needs.

The Unit Cost per mile of **Storm Sewer** for the highest MSAS Urban ADT Group for Needs Purposes will be based on the average costs of all Storm Sewer Construction on the MSAS system in the previous year. To determine the Unit Cost for the highest ADT Group, average costs for Complete Storm Sewer projects and Partial Storm Sewer projects will be provided to State Aid by the MnDOT Hydraulics Office and then added together and divided by two to calculate a statewide average Unit Cost for all Storm Sewer Construction.
The Unit Cost per mile for Storm Sewer Construction will be calculated for the highest MSAS Urban ADT Group and be prorated downward for the other ADT Groups. This proration has been determined based upon an engineering study requested by the Municipal Screening Board in 2011 and will be the basis for the Needs calculations.

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

The Unit Cost for **Traffic Signals** will be determined by the recommendation by the SALT Program Support Engineer and approved by the MSB.
The Unit Cost for traffic signals will be based on a cost per signal leg, and for Needs purposes a signal leg will be defined as ¼ of the signal cost.
Only signal legs on designated MSAS routes will be included in the Needs study.
Stand-alone pedestrian crossing signals will not be included in the Needs study.

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

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

2020 UNIT PRICE RECOMMENDATIONS

for the January 2021 distribution

Needs Item		Municipal Screening Board Approved Prices for the 2020 Distribution	Needs Study Subcommittee Recommended Prices for 2021 Distribution	Municipal Screening Board Approved Prices for the 2021 Distribution
Grading (Excavation)	Cu. Yd.	$9.36	$9.53	**$9.53**
Aggregate Base	Ton	14.18	14.44	**14.44**
All Bituminous	Ton	65.00	66.17	**66.17**
Sidewalk Construction	Sq. Ft.	5.66	5.76	**5.76**
Curb and Gutter Construction	Lin.Ft.	16.36	16.65	**16.65**
Traffic Signals *	Per Sig	207,700	211,440	**211,440**
Street Lighting	Mile	100,000	100,000	**100,000**
Engineering	Percent	22	22	**22**
All Structures (includes both bridges and box culverts)	Sq. Ft.	95.20	95.67	**95.67**
Storm Sewer (based on ADT)	Per Mile			
0 ADT & Non Existing		162,400	165,500	**165,500**
1-499		165,500	168,700	**168,700**
500-1,999		174,800	178,100	**178,100**
2,000-4,999		184,000	187,500	**187,500**
5,000-8,999		196,400	200,100	**200,100**
9,000-13,999		205,600	209,500	**209,500**
14,000-24,999		218,000	222,100	**222,100**
25,000 and over		230,300	234,700	**234,700**

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; Revoked May 2020)

~~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.