

# 2021 Municipal State Aid Street Needs Report



October 2021

# 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)

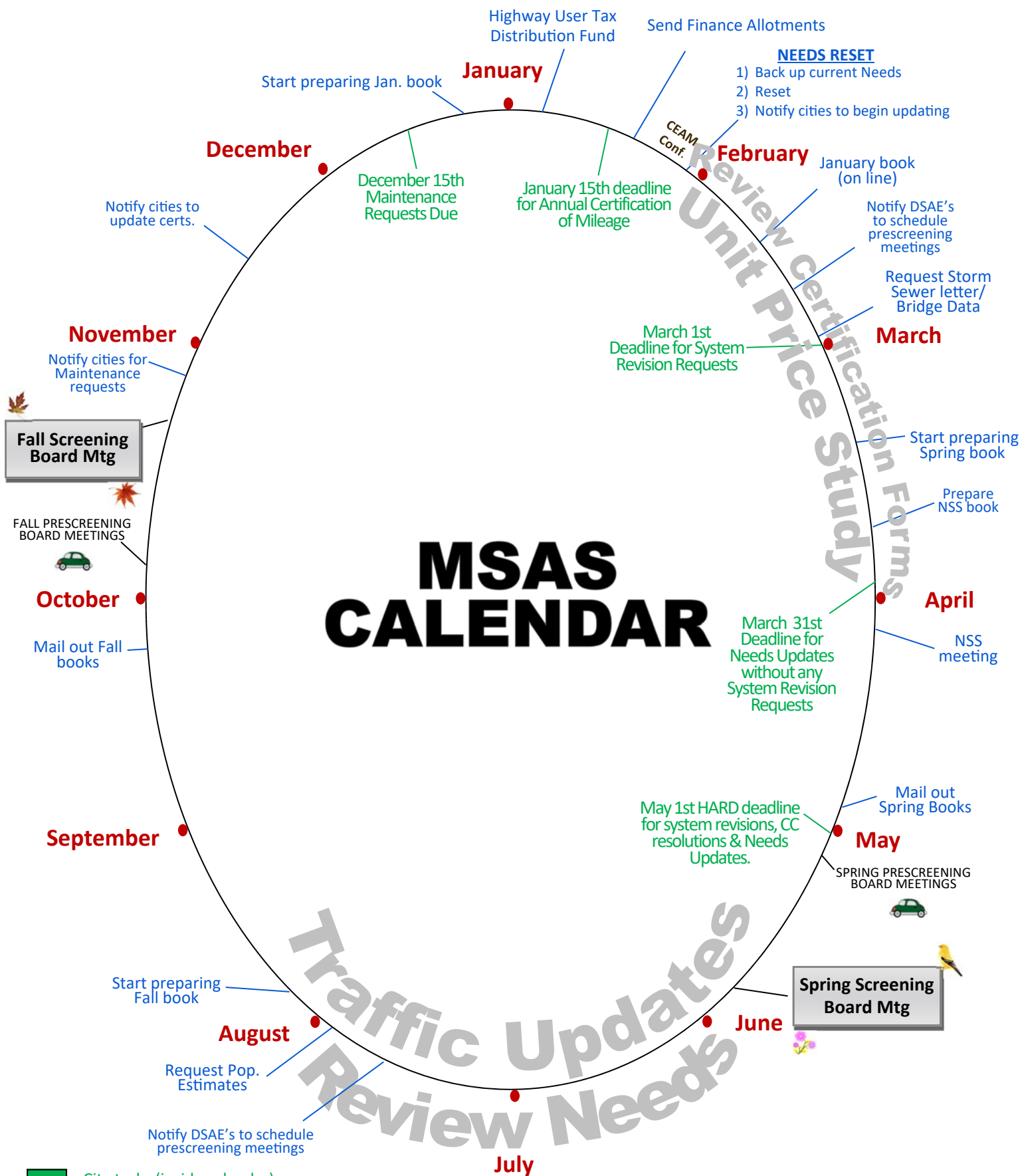
The **2021 Municipal State Aid Street Needs Report** is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

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 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 2021) to the quantities in the appropriate urban ADT group. These ADT groups and explanations for all Needs Calculations are in the resolutions of the Municipal Screening Board.

Population data, from the US Census Bureau, 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 "**2022 Municipal State Aid Apportionment Data**" book to be published in January.

# MSAS CALENDAR



- City tasks (inside calendar)
- State Aid tasks (outside calendar)
- Ongoing Processes

# The State Aid Program Mission Study

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## Mission Statement:

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

## Program Goals:

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

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

## Key Program Concepts:

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

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

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

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

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

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

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

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

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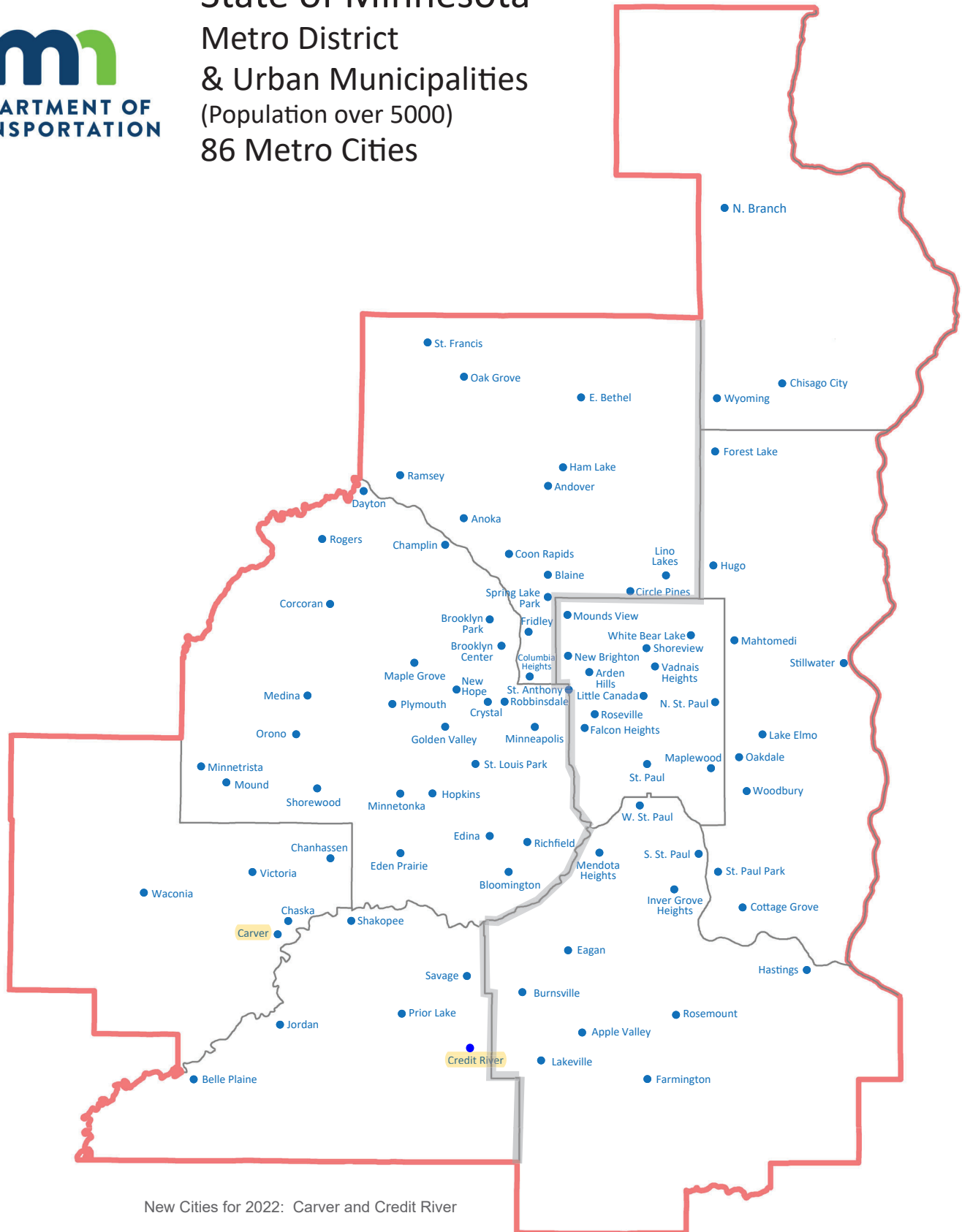
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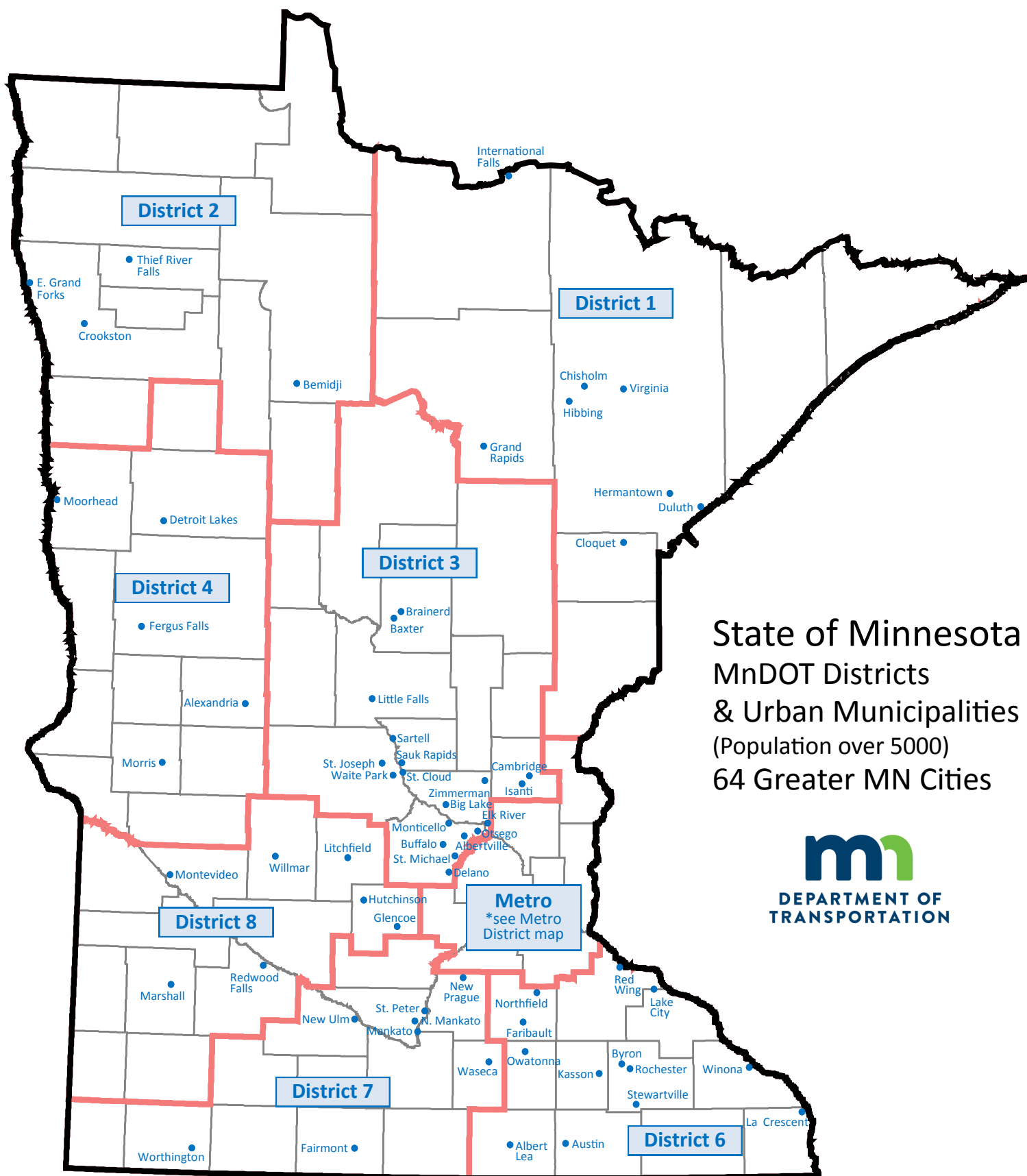


# State of Minnesota Metro District & Urban Municipalities (Population over 5000) 86 Metro Cities



New Cities for 2022: Carver and Credit River

Updated 9/2021



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



Updated 1/8/14

# 2021 MUNICIPAL SCREENING BOARD

31-Aug-21

| Officers   |                  |            |                |
|------------|------------------|------------|----------------|
| Chair      | Michael Thompson | Plymouth   | (763) 509-5501 |
| Vice Chair | Paul Sandy       | Brainerd   | (218) 454-3411 |
| Secretary  | Jen Desrude      | Burnsville | (952) 895-4544 |

| Members       |              |                   |                  |                |
|---------------|--------------|-------------------|------------------|----------------|
| District      | Years Served | Representative    | City             | Phone          |
| 1             | 2020-2022    | Caleb Peterson    | Cloquet          | (218) 879-6758 |
| 2             | 2021-2023    | Steve Emery       | East Grand Forks | (218) 773-5626 |
| 3             | 2021-2023    | Layne Otteson     | Big Lake         | (763) 251-2984 |
| 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             | 2021-2023    | Chuck DeWolf      | Litchfield       | (320) 231-3956 |
| Metro-East    | 2020-2022    | Brian Erickson    | Rosemount        | (651) 322-2025 |
| <u>Cities</u> | Permanent    | Cindy Voigt       | Duluth           | (218) 730-5200 |
| <u>of the</u> | Permanent    | Jenifer Hager     | Minneapolis      | (612) 673-3625 |
| <u>First</u>  | Permanent    | Dillon Dombrowski | Rochester        | (507) 328-2421 |
| <u>Class</u>  | Permanent    | Paul Kurtz        | Saint Paul       | (651) 266-6203 |

| Alternates |                |                  |                     |                |
|------------|----------------|------------------|---------------------|----------------|
| District   | Year Beginning |                  | City                | Phone          |
| 1          | 2023           | Curt Meyer       | International Falls | (218) 308-2603 |
| 2          | 2024           | Craig Gray       | Bemidji             | (218) 333-1851 |
| 3          | 2024           | Cody Holmes      | Saint Michael       | (763) 516-7936 |
| 4          | 2022           | Tom Trowbridge   | Moorhead            | (218) 299-5393 |
| Metro-West | 2022           | Will Manchester  | Minnetonka          | (952) 939-8232 |
| 6          | 2022           | Brandon Theobald | Kasson              | (507) 288-3923 |
| 7          | 2023           | Jeff Johnson     | Mankato             | (507) 387-8640 |
| 8          | 2024           | Mike Amborn      | Montevideo          | (320) 269-7695 |
| Metro-East | 2023           | Zachary Johnson  | Lakeville           | (952) 985-4501 |



## 2021 SUBCOMMITTEES

The Screening Board Chair appoints one city Engineer, who has served on the Screening Board, to serve a three year term on the Needs Study Subcommittee.

The past Chair of the Screening Board is appointed to serve a three year term on the Unencumbered Construction Fund Subcommittee.

| Needs Study Subcommittee  | Unencumbered Construction Funds Subcommittee  |
|---|---|
| <p>Steve Lillehaug<br/>Shakopee<br/>(952) 233-9361<br/>Expires after 2021</p> <p>Matt Wegwerth<br/>Grand Rapids<br/>(218) 326-7625<br/>Expires after 2022</p> <p>Jay Owens<br/>Red Wing<br/>(651) 385-3600<br/>Expires after 2023</p> | <p>Marc Culver<br/>Roseville<br/>(651) 792-7041<br/>Expires after 2021</p> <p>John Gorder<br/>Eagan<br/>(651) 675-5645<br/>Expires after 2022</p> <p>Justin Femrite<br/>Elk River<br/>(763) 635-1051<br/>Expires after 2023</p> |

# MUNICIPAL SCREENING BOARD REPRESENTATIVES

## Districts

27-Jul-21

| YEAR | DISTRICT<br>1               | DISTRICT<br>2              | DISTRICT<br>3             | DISTRICT<br>4              | METRO<br>WEST                   | DISTRICT<br>6             | DISTRICT<br>7           | DISTRICT<br>8              | METRO<br>EAST              |
|------|-----------------------------|----------------------------|---------------------------|----------------------------|---------------------------------|---------------------------|-------------------------|----------------------------|----------------------------|
| 1996 | HALTER                      | SANDERS                    | KREKLAU                   | NANSEN                     | BITTLE<br>Champlin              | MALIN                     | READ<br>Fairmont        | RODEBERG                   | JESSUP<br>Woodbury         |
| 1997 | HALTER                      | KILDAHL<br>Crookston       | WOTZKA<br>Sartell         | NANSEN                     | BITTLE                          | MALIN                     | READ                    | SARFF<br>Litchfield        | JESSUP                     |
| 1998 | SALO<br>Hermantown          | KILDAHL                    | WOTZKA                    | SCHOONHOVEN<br>Alexandria  | BITTLE                          | OLSON<br>Albert Lea       | READ                    | SARFF                      | JESSUP                     |
| 1999 | SALO                        | KILDAHL                    | WOTZKA                    | SCHOONHOVEN                | GUSTAFSON<br>Minnetonka         | OLSON                     | KOEHLER<br>New Ulm      | SARFF                      | BURCH<br>White Bear Lk     |
| 2000 | SALO                        | METSO<br>Bemidji           | KOSHAK<br>Otsego          | SCHOONHOVEN                | GUSTAFSON                       | OLSON                     | KOEHLER                 | ODENS<br>Willmar           | BURCH                      |
| 2001 | SALO                        | SANDERS<br>E. Gr. Forks    | KOSHAK                    | EDWARDS<br>Fergus Falls    | PEDERSON<br>Bloomington         | MURRAY<br>Faribault       | KOEHLER                 | ODENS                      | BURCH                      |
| 2002 | SUIHKONEN<br>Hibbing        | SANDERS                    | WEISS<br>Monticello       | EDWARDS                    | PEDERSON                        | MURRAY                    | LOOSE<br>St. Peter      | ODENS                      | AHL<br>Maplewood           |
| 2003 | SUIHKONEN                   | KILDAHL<br>Crookston       | WEISS                     | EDWARDS                    | PEDERSON                        | MURRAY                    | LOOSE                   | BERRYMAN<br>Montevideo     | AHL                        |
| 2004 | SUIHKONEN                   | KILDAHL                    | WEISS                     | KUHN<br>Morris             | GRAY<br>Anoka                   | JOHNSON<br>Owatonna       | LOOSE                   | BERRYMAN                   | AHL                        |
| 2005 | PAGEL<br>Grand Rapids       | KILDAHL                    | WEISS                     | KUHN                       | GRAY                            | JOHNSON                   | SALSBURY<br>Waseca      | BERRYMAN                   | BLOOM<br>Roseville         |
| 2006 | PAGEL                       | FREEBURG<br>Bemidji        | MAUER<br>Elk River        | KUHN                       | GRAY                            | JOHNSON                   | SALSBURY                | OLSON<br>Marshall          | BLOOM                      |
| 2007 | PAGEL                       | FREEBURG                   | MAUER                     | ZIMMERMAN<br>Moorhead      | HAUKAAS/KEELY<br>Fridley/Blaine | GEHLER-HESS<br>Northfield | SALSBURY                | OLSON                      | BLOOM                      |
| 2008 | PRUSAK<br>Cloquet           | GRAY<br>Bemidji            | MAUER                     | ZIMMERMAN                  | KEELY<br>Blaine                 | GEHLER-HESS               | SAFFERT<br>Mankato      | OLSON                      | MATTHYS<br>Eagan           |
| 2009 | PRUSAK                      | BOPPRE<br>E Grand Forks    | BOT<br>St. Michael        | ZIMMERMAN                  | KEELY                           | GEHLER-HESS               | RIPPKE<br>N. Mankato    | EXNER<br>Hutchinson        | MATTHYS                    |
| 2010 | PRUSAK                      | BOPPRE                     | BOT                       | SCHOONHOVEN<br>Alexandria  | MATHISEN<br>Crystal             | STRAUSS<br>Stewartville   | RIPPKE                  | EXNER                      | MATTHYS                    |
| 2011 | SALO<br>Hermantown          | BOPPRE                     | BOT                       | SCHOONHOVEN                | MATHISEN                        | STRAUSS                   | NEMMERS<br>Fairmont     | EXNER                      | GRAHAM<br>Vadnais Hts.     |
| 2012 | SALO                        | KILDAHL<br>Th River Falls  | DEWOLF<br>Buffalo         | SCHOONHOVEN                | MATHISEN                        | STRAUSS                   | NEMMERS                 | RODEBERG<br>Glencoe        | GRAHAM                     |
| 2013 | SALO                        | KILDAHL                    | DEWOLF                    | J. PRATT<br>Detroit Lakes  | R. RUE<br>Eden Prairie          | S. LANG<br>Austin         | NEMMERS                 | RODEBERG                   | GRAHAM                     |
| 2014 | J. STORY<br>Hibbing         | R. CLAUSON<br>Crookston    | DEWOLF                    | J. PRATT<br>Detroit Lakes  | R. RUE<br>Eden Prairie          | S. LANG<br>Austin         | J. JOHNSON<br>Mankato   | RODEBERG<br>Glencoe        | K. ECKLES<br>Woodbury      |
| 2015 | J. STORY<br>Hibbing         | C. GRAY<br>Bemidji         | J. FEMRITE<br>Elk River   | J. PRATT<br>Detroit Lakes  | R. RUE<br>Eden Prairie          | S. LANG<br>Austin         | J. JOHNSON<br>Mankato   | S. CHRISTENSEN<br>Willmar  | K. ECKLES<br>Woodbury      |
| 2016 | J. STORY<br>Hibbing         | C. GRAY<br>Bemidji         | J. FEMRITE<br>Elk River   | J. KUHN<br>Morris          | S. LILLEHAUG<br>Brooklyn Center | J. OWENS<br>Red Wing      | J. JOHNSON<br>Mankato   | S. CHRISTENSEN<br>Willmar  | K. ECKLES<br>Woodbury      |
| 2017 | M. WEGWERTH<br>Grand Rapids | C. GRAY<br>Bemidji         | J. FEMRITE<br>Elk River   | J. KUHN<br>Morris          | S. LILLEHAUG<br>Shakopee        | J. OWENS<br>Red Wing      | M. DuCHENE<br>Waseca    | S. CHRISTENSEN<br>Willmar  | M. THOMPSON<br>Maplewood   |
| 2018 | M. WEGWERTH<br>Grand Rapids | R. CLAUSON<br>Crookston    | A. NAFSTAD<br>Albertville | J. KUHN<br>Morris          | S. LILLEHAUG<br>Shakopee        | J. OWENS<br>Red Wing      | C. CAVETT<br>New Prague | A. KEHREN<br>Redwood Falls | T. WESOLOWSKI<br>Shoreview |
| 2019 | M. WEGWERTH<br>Grand Rapids | R. CLAUSON<br>Crookston    | A. NAFSTAD<br>Albertville | B. YAVAROW<br>Fergus Falls | C. MILLNER<br>Edina             | K. SKOV<br>Owatonna       | C. CAVETT<br>New Prague | O. TODD<br>Redwood Falls   | B. ERICKSON<br>Rosemount   |
| 2020 | C. PETERSON<br>Cloquet      | R. CLAUSON<br>Crookston    | A. NAFSTAD<br>Albertville | B. YAVAROW<br>Fergus Falls | C. MILLNER<br>Edina             | K. SKOV<br>Owatonna       | J. DOMRAS<br>St. Peter  | O. TODD<br>Redwood Falls   | B. ERICKSON<br>Rosemount   |
| 2021 | C. PETERSON<br>Cloquet      | S. EMERY<br>E. Grand Forks | L. OTTESON<br>Big Lake    | B. YAVAROW<br>Fergus Falls | C. MILLNER<br>Edina             | K. SKOV<br>Owatonna       | J. DOMRAS<br>St. Peter  | C. DeWOLF<br>Litchfield    | B. ERICKSON<br>Rosemount   |

# MUNICIPAL SCREENING BOARD REPRESENTATIVES

Cities of the First Class and Officers

|      | MINNEAPOLIS               | ST. PAUL      | DULUTH           | ROCHESTER  | CHAIR                   | VICE CHAIR              | SECRETARY               |
|------|---------------------------|---------------|------------------|------------|-------------------------|-------------------------|-------------------------|
| 1996 | KANNANKUTTY               | ST MARTIN     | LARSON           |            | SONNENBERG<br>BACHMEIER | BACHMEIER<br>Oakdale    | RODEBERG<br>Hutchinson  |
| 1997 | KANNANKUTTY               | WARN          | BEEMAN           |            | BACHMEIER<br>Oakdale    | RODEBERG<br>Hutchinson  | ASHFELD<br>Maple Grove  |
| 1998 | KANNANKUTTY               | WARN          | WINSON           |            | RODEBERG<br>Hutchinson  | ASHFELD<br>Maple Grove  | HALTER<br>Grand Rapids  |
| 1999 | KANNANKUTTY               | WARN          | WINSON           |            | RODEBERG<br>ASHFELD     | VACANT                  | JESSUP<br>Woodbury      |
| 2000 | KANNANKUTTY<br>SONNENBERG | WARN          | BRINK            |            | ASHFELD<br>Maple Grove  | JESSUP<br>Woodbury      | DRAKE<br>Red Wing       |
| 2001 | SONNENBERG                | WARN          | METSO            |            | JESSUP<br>Woodbury      | DRAKE<br>Red Wing       | GUSTAFSON<br>Minnetonka |
| 2002 | SONNENBERG<br>OGREN       | WARN<br>KURTZ | METSO            |            | DRAKE<br>Red Wing       | GUSTAFSON<br>Minnetonka | METSO<br>Duluth         |
| 2003 | OGREN<br>FABRY            | KURTZ         | METSO            |            | GUSTAFSON<br>Minnetonka | METSO<br>Duluth         | HAGEN<br>St. Louis Park |
| 2004 | FABRY                     | KURTZ         | METSO            |            | METSO<br>Duluth         | HAGEN<br>St. Louis Park | GAETZ<br>St.Cloud       |
| 2005 | FABRY                     | KURTZ         | METSO            |            | METSO<br>Duluth         | GAETZ<br>St.Cloud       | AHL<br>Maplewood        |
| 2006 | RAE                       | KURTZ         | BENNING<br>VOIGT |            | GAETZ<br>St. Cloud      | AHL<br>Maplewood        | ODENS<br>Willmar        |
| 2007 | RAE/ELWOOD                | KURTZ         | VOIGT            |            | AHL<br>Maplewood        | ODENS<br>Willmar        | PEDERSON<br>Bloomington |
| 2008 | ELWOOD                    | KURTZ         | VOIGT            |            | ODENS<br>Willmar        | PEDERSON<br>Bloomington | HULSETH<br>Brainerd     |
| 2009 | ELWOOD                    | KURTZ         | VOIGT            |            | PEDERSON<br>Bloomington | HULSETH<br>Brainerd     | KEELY<br>Blaine         |
| 2010 | ELWOOD                    | KURTZ         | VOIGT            |            | HULSETH<br>Brainerd     | KEELY<br>Blaine         | EXNER<br>Hutchinson     |
| 2011 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | KEELY<br>Blaine         | EXNER<br>Hutchinson     | MOBERG<br>Plymouth      |
| 2012 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | EXNER<br>Hutchinson     | VACANT                  | BOT<br>St. Michael      |
| 2013 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | VACANT                  | BOT<br>St. Michael      | ECKLES<br>Woodbury      |
| 2014 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | BOT<br>St. Michael      | ECKLES<br>Woodbury      | JOHNSON<br>Mankato      |
| 2015 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | ECKLES<br>Woodbury      | JOHNSON<br>Mankato      | CULVER<br>Roseville     |
| 2016 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | JOHNSON<br>Mankato      | CULVER<br>Roseville     | OLSON<br>Marshall       |
| 2017 | ELWOOD                    | KURTZ         | VOIGT            | FREESE     | CULVER<br>Roseville     | OLSON<br>Marshall       | GORDER<br>Eagan         |
| 2018 | ELWOOD/HAGER              | KURTZ         | VOIGT            | DOMBROVSKI | OLSON<br>Marshall       | GORDER<br>Eagan         | FEMRITE<br>Elk River    |
| 2019 | HAGER                     | KURTZ         | VOIGT            | DOMBROVSKI | GORDER<br>Eagan         | FEMRITE<br>Elk River    | THOMPSON<br>Maplewood   |
| 2020 | HAGER                     | KURTZ         | VOIGT            | DOMBROVSKI | FEMRITE<br>Elk River    | THOMPSON<br>Maplewood   | SANDY<br>Brainerd       |
| 2021 | HAGER                     | KURTZ         | VOIGT            | DOMBROVSKI | THOMPSON<br>Maplewood   | SANDY<br>Brainerd       | DENSRUDE<br>Burnsville  |

**MINUTES**  
**MUNICIPAL SCREENING BOARD MEETING**  
**May 25<sup>th</sup> 2021 at 1pm to 4pm (TEAMS Meeting)**

**I. Call to Order and Welcome by Chair Michael Thompson**

- a. Meeting was called to order at 1:15 PM.
- b. Introductions of MSB Officers and State Aid Personal
  - i. Kristine Elwood, MnDOT – State Aid Engineer
  - ii. Chris Kufner, MnDOT – Deputy State Aid Engineer
  - iii. Kim Delarosa, MnDOT – Manager, State Aid Needs Unit
  - iv. Bill Lanoux, MnDOT - Manager, Municipal State Aid Needs
  - v. Steve Lillehaug – Current Chair Needs Study Subcommittee
  - vi. Marc Culver – Current Chair UCFS
  - vii. Paul Sandy, Brainerd – Vice Chair MSB
  - viii. Jen Desrude, Bloomington – Secretary MSB

**Roll Call of Screening Board Members**

|             |                               |
|-------------|-------------------------------|
| District 1  | Caleb Peterson, Cloquet       |
| District 2  | Steve Emery, East Grand Forks |
| District 3  | Layne Otteson, Big Lake       |
| District 4  | Brian Yavarow, Fergus Falls   |
| Metro West  | Chad Millner, Edina           |
| District 6  | Kyle Skov, Owatonna           |
| District 7  | Jeff Domras, St. Peter        |
| District 8  | Chuck DeWolf, Litchfield      |
| Metro East  | Zach Johnson, Lakeville       |
| Duluth      | Cindy Voigt                   |
| Minneapolis | Jenifer Hager                 |
| Rochester   | Dillon Dombrowski             |
| St. Paul    | Paul Kurtz                    |

**Also invited**

Tom Trowbridge, Moorhead - District 4  
Will Manchester, Minnetonka - Metro West  
Brandon Theobald, Kasson - District 6  
Marc Briesse - State Aid Programs Engineer  
Elisa Bottos - State Aid Project Delivery Engineer  
Krysten Saatela Foster - District 1 State Aid Engineer  
Brian Ketring - District 2 State Aid Engineer  
Kelvin Howieson - District 3 State Aid Engineer  
Nathan Gannon - District 4 State Aid Engineer  
Fausto Cabral - District 6 State Aid Engineer  
Lisa Bigham - District 7 State Aid Engineer  
Todd Broadwell - District 8 State Aid Engineer  
Dan Erickson - Metro State Aid Engineer  
Julie Dresel - Assistant Metro State Aid Engineer  
John Gorder, Eagan - Past Chair MSB  
Justin Femrite, Elk River - Past Chair MSB

Kyle Wallace, Minneapolis  
Mike Van Beusekom, St. Paul  
Marc Culver, Roseville - CEAM Legislative Committee Chair

**II. Review of the 2021 Municipal Screening Board Data book**

- a. Review of purpose of the meeting – to review unit cost recommendations from the Needs Study Subcommittee and vote to approve unit costs to be used for 2022 needs.
- b. Review October 2020 Screening Board minutes (pages 6-12)
  - i. UCFS recommendation to continue applying lower restriction adjustment, to continue to monitor the lower restriction with the UCFS meeting in September 2021 to discuss further, and the recommendation to eliminate the upper restriction one year early was unanimously approved at the October 2020 MSB meeting.
  - ii. Waiving the Excess Unencumbered Construction Balance Adjustment resolution for the 2021 apportionment with request to UCFS to study further and bring a recommendation to the spring 2021 MSB meeting was unanimously approved at the October 2020 MSB meeting. It was noted to expect this recommendation at the Fall 2021 MSB meeting.
  - iii. Approving the resolution to set aside \$1,051,228 (not to exceed ½ of 1% of the 2020 MSAS Apportionment was approved unanimously at the October 2020 MSB meeting.

**Motion to approve the minutes by Domras, second by Millner,  
Motion Carried 13-0.**

- c. Review of Unit Price Study and Recommendations
  - i. Every three years, the Municipal State Aid Needs Unit conducts a Unit Price Study based on project costs of system MSAS projects for Grading, Aggregate Base, Bituminous, Sidewalk Construction and Curb and Gutter Construction.
  - ii. Street lighting is not studied every three years, but can be requested to be studied at any time. Committee recommended no changes.
  - iii. MnDOT's hydraulic office provides recommendations for storm sewer construction costs. Going forward the hydraulic office will follow the same three-year cycle as the other unit prices.
  - iv. Signal average costs are based on projects that are most representative of State Aid System signals.
  - v. Structures are based on a five-year average of State Aid bridge costs.
  - vi. In off years, an ENR inflation factor is applied. The NSS noted that some unit costs see big changes after a unit cost study and questioned whether the inflation factor (used in "off years") is always an adequate measure. In 2022 State Aid will present the NSS with some actual cost data, along with the results of applying an inflation factor.

### **III. Take action on Unit Cost Recommendations**

- a. Unit Price recommendations of the Needs Study Subcommittee are on page 41 of the Spring 2021 Municipal Screening Board Data, Unit Prices book.

**Motion to approve the Unit Costs as recommended by the NSS by Voigt, second by Hager, Motion Carried 13-0.**

### **IV. Discuss Traffic Resolution Page 80**

- a. A Traffic Counting handout was provided to the MSB.
- b. State Aid is seeking guidance on how to handle traffic counts that were completed in 2020. Less than one-fourth of the count locations expected to be counted in a normal year were actually counted. Of those counts, most had a decline in AADT. Without direction from the MSB, cities who completed 2020 counts would have them entered into the Needs and it might lead to reduced needs being generated for those cities.
- c. Millner indicated cities that did counts in 2020 should not be penalized.
- d. Thompson clarified the frequency of required counts and Lanoux indicated federal requirements are every six years, but MSB resolutions require them every four years.
- e. Johnson agreed that cities should not be penalized for conducting traffic counts in 2020 and asked if cities that had an increase should have the increase entered into the Needs, but the decrease would revert to 2019 data.
- f. Thompson asked if omitting all 2020 counts should be considered even those with increases.
- g. Lanoux noted that a decision sooner rather than later is preferred but that the MSB could defer their action until the Fall 2021 MSB meeting.
- h. Hager noted that in Minneapolis she has observed that counts were down in 2020, but that they are already coming back in 2021 to pre-pandemic volumes. She supports using 2019 data until traffic counts are cycled through again.
- i. Johnson agreed with using 2019 data for 2021 needs study.
- j. Voigt agreed that using 2019 data makes sense but would not support changing the count cycle.

**Motion to use 2019 traffic count data, used in the 2020 needs, shall be used for the 2021 needs by Voigt, second by Johnson,**

#### **Further Discussion:**

- i. Millner asked for how State Aid would handle this action procedurally. Lanoux responded that they are reviewing the traffic volume program's data right now and would incorporate this action into their review.
- ii. Dombrovski asked if this would need to be discussed every year until the 2020 counts cycle through for new counts. Lanoux indicated this might take a few years to work through.

- iii. Lanoux asked if the motion to remove 2020 traffic counts should pertain to all instances or if State Aid should have discretion to determine which increases are legitimate. Voigt disagreed with selectively choosing which increases to use. Otteson agreed with Voigt that either use all 2020 or none of 2020.
- iv. DeWolf asked if cities that were missed in 2020 and 2021 will be prioritized for 2022 and Lanoux indicated that was what he had been told by the Traffic group.

### **Motion Carried 13-0.**

## **V. Other Discussion items**

- a. Legislative Update- Marc Culver
  - i. Last week session ended abruptly. They did establish their budget targets before session ended and both sides agreed to some budget numbers. New deadlines were established for omnibus bills.
  - ii. Goal is for special session to start June 13 or 14 when they vote on Governor's continued use of emergency powers.
  - iii. At fall screening board spoke about bridge funding language and the compromised language with transportation committee chairs is in the omnibus bill.
  - iv. State aid is looking at border roads in the corrections bill, that were not controversial, will be in 2022.
  - v. City Engineers have been attending County Engineers meetings. City Engineers and County Engineers will meet in advance of next session (the policy session) to get aligned on some issues.
  - vi. Distribution of Federal COVID funding is still being discussed with additional conversations still being had with State Aid and Met Council.
- b. State Aid Report – Chris Kufner
  - i. Proposed statutory changes 162.13
    - In 1989, Metro District combined from two districts to one. Statute indicates there is one screening board representative from each district. A housekeeping bill is proposed to allow the Metro District to continue to have two screening board representatives, Metro East and Metro West.
    - Kufner asked if this should be a housekeeping item or if CEAM would like to be involved. Thompson indicated that since it's just a clean-up item, CEAM would not need to be involved in the housekeeping bill, but could serve as a resource if needed.

## **VI. Last Call for Any Other Discussion Topics**

- a. Thompson asked if State Aid had determined a location for the Fall screening board meeting. Lanoux indicated they are moving forward

with finding a location to meet in person for a combined City and County screening board meeting, but that work is still in progress.

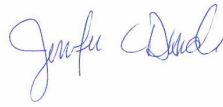
**VII. Closing Remarks from Chair**

**VIII. Adjourn**

**Motion to adjourn by Millner, second by Dombrovski, Motion Carried 13-0.**

Meeting adjourned at 2:18 PM

Respectfully submitted,



Digitally signed by Jennifer C. Desrude  
DN: C=US,  
E=jen.desrude@burnsvillemn.gov, O=City of  
Burnsville - Engineering, OU=City Engineer,  
CN=Jennifer C. Desrude  
Date: 2021.05.28 09:27:19-05'00'

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Jennifer Desrude, PE  
Municipal Screening Board Secretary  
Burnsville City Engineer



## Unencumbered Construction Funds Subcommittee

Meeting Minutes: September 21st, 2021

### Attendees

Marc Culver, UCFS / Roseville  
John Gorder, UCFS / Eagan  
Justin Femrite, UCFS / Elk River  
Kim Delarosa, State Aid  
Bill Lanoux, State Aid

### **Items for Discussion**

The UCFS met on Wednesday September 21st, 2021 to discuss two motions from the Municipal Screening Board: #1) is for the committee to assess the ending of the seven-year Phase-in Period and see if any further recommendations regarding an extended period to the low restriction are necessary. #2) is for the committee to study the Excess Unencumbered Construction Fund Balance Adjustment and bring back a recommendation for changes to this resolution.

### ITEM #1 Phase-in / Restriction

The seven-year phase-in period ended after the January 2021 allocation. If the Screening Board takes no further action, there will no longer be a restriction applied to any city's 25-year constructions Needs and each city's Unadjusted Needs will be the basis of their 2022 allocation. Lanoux presented a report in which State Aid ran the 2021 Needs Calculations with a hypothetical low restriction applied. If the restriction were applied for an extra 8<sup>th</sup> year, there would still be five cities (of 148) that fall into the Low Restriction: *Crookston, Delano, Mound, St. Francis, & Thief River Falls*. (it was noted that the Municipal Screening Board eliminated the upper restriction one year early, in 2020).

Using last year's construction needs distribution amount of \$96,505,794 (which is 50% of the total distribution) State Aid ran Tentative 2022 allocations, with & without a restriction applied. The report showed the financial difference was largest for St. Francis (+\$30,352) and Crookston (+\$24,090), while Delano's difference was +\$8,708. Thief River Falls (+\$2,653) and Mound (+\$2,031) were minimal in comparison, as these two cities narrowly fell into being restricted and most likely wouldn't be restricted beyond an 8<sup>th</sup> year. As for the 143 cities not restricted, they would all give up approximately one-tenth of 1% of their allocation if the restriction were to be applied again.

With St. Francis and Crookston being the cities most impacted, the committee reviewed the Annual Needs for these two cities, going back to the beginning of the phase-in period. For the 2015 distribution, Crookston's Unadjusted Needs and Restricted Needs differed by 47%. For 2022 the difference would be 8.5%, so the phase-in has been working. For St. Francis, the percent difference was 47% in 2015 and would be 13% in 2022. Lanoux commented that one reason St. Francis phased-in at a slower rate is that their overall ADT had decreased during the phase-in. He also added that when cities don't add mileage during the time they're being restricted, it might take more years to completely "phase-in".

The UCFS felt that when the new system was implemented, the phase-in period was recommended because of concerns over projected reductions in allocations for some cities. The Needs Study Task Force had considered several options for a phase-in process, and the MSB approved of the seven-year

option because it was the scenario that best gave these cities enough time to make adjustments to their capital improvement plans. It was always understood that there could be a small number of cities not completely “phased-in” after 7 years. But with very few restricted cities left today, and little discussion from recent Screening Boards Members on revising the Phase-in Period, the committee thinks it has worked as planned and doesn’t see a need to continue for additional years.

#### **RECOMMENDATION #1:**

**The UCFS has assessed the ending of the 7-year Phase-in and does not recommend any changes. As written in current Screening Board resolutions, the UCFS is recommending that the Phase-in period expired after the January 2021 allocation**

**Motion carried unanimously.**

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#### **ITEM #2 Excess Unencumbered Construction Fund Balance Adjustment**

The UCFS reviewed recent concerns with this resolution.

In 2020, the Advance status had hit a state of *code red* due to high projected spending. Several cities that would’ve been subject to this negative adjustment inquired about the penalty. Conveying that if the penalty weren’t applied, perhaps the city could hold off on further payment requests for 2020, which may allow for other cities to advance.

At the 2020 Fall Screening Board Meeting, State Aid presented several options, including waiving the adjustment for 2020, and/or revising the Resolution by raising the balance floor from \$1,500,000 to \$2,625,000 (which would correspond to an estimated increase in the MnDOT CCI since 2010).

**The Municipal Screening Board eventually waived this resolution for the 2021 apportionment, then sent this item to the UCFS and requested the committee make recommendations for changes.**

#### **Current Resolution:**

*“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.”*

Other than some minor wordsmithing for clarity, this resolution has not changed since October 2009, when the MSB last upped the excess balance floor from \$1,000,000 to \$1,500,000.

When the MSB first implemented this resolution in 2002, the balance floor of \$1,000,000 was set to reflect an estimated cost of a typical one mile of roadway.

The UCFS reviewed several other concerns with this resolution.

- The adjustment tends to affect smaller cities, making it difficult for them to build a balance to do big projects. Additionally, some cities may be spending their balance down on a lower priorities to simply not get the negative adjustment.
- There is concern with the overall construction fund balance getting too high again, which can lead to scrutiny. The resolution was first put in place years ago to get balances down, but this may not be the issue it once was.
- There is no type of appeal process for a city to build up their balance when they have an improvement plan.

The committee agreed that the current floor of 1.5 million is too low for today's costs. The amount of 2.6 million (presented by State Aid) may work, but costs vary statewide. Additionally, the committee felt that using a set dollar amount again means the resolution would need to be reviewed frequently. Perhaps an inflation factor, or some other wording that reflects overall funds available for the given year would be better.

The UCFS requested to see each city's Construction Allotment from January 2021 apportionment report and conducted the following analysis:

- Total allotments for all cities: \$146,115,972
- Total allotments for all cities (excluding 1st-class cities): \$116,158,142 (1st cc make up 20%)
- Average for all cities: \$987,270 (x 3 = \$2,961,810)
- Average for all cities (excluding first-class cities): \$806,654 (x 3 = \$2,419,961)
- Median for all cities: \$632,394 (x 3 = \$1,897,181)

The UCFS preferred an option using real dollars from the State Aid Construction Account over an inflation factor from a Construction Cost Index. This option would be simple / straightforward to administer and would also keep the resolution fluid as allocations change.

The UCFS agreed that the 3-times average, excluding the larger first-class cities, produced the best balance floor (\$2,419,961). The committee is recommending that 3-times the "adjusted average construction allotment" shall be the basis of the annual excess balance dollar figure. The committee also agreed that this threshold should not decrease if the construction allotment decreased the following year.

## **RECOMMENDATION #2:**

The UCFS is recommending the following proposed new language for this resolution:

***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 3 times the average construction allotment for all cities excluding cities of the first class (hereinafter referred to as the adjusted average construction allotment), 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 3 times the adjusted average construction allotment) 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.***

***The adjusted average construction allotment used for this purpose shall not decrease in value from one year to the next.*** (For example, if in year xxxx, 3 times the adjusted average construction allotment is calculated as \$3 million but in the following year it is calculated at \$2.9 million, the value from year xxxx will continue to be used as the current adjusted average construction allotment.)

***A City may request an exemption from said construction fund balance in excess of said limits by submitting a City Resolution requesting an exemption based on a programmed or planned improvement. The request and resolution must be provided to and approved by the State Aid Office by December 15.***

Therefore, for the 2022 distribution, the excess balance penalty shall be applied to any city ending the year with a construction fund balance that exceeds 3 times their January construction allotment and that balance is over \$2,419,961.

**Motion carried unanimously.**

Respectfully Submitted,

Justin Femrite / UCFS Secretary

# NOTES ON POPULATION DATA

Fifty percent of the total apportionment is distributed on prorated share of population. The 2020 Federal Census will be used for the upcoming 2022 apportionment.

There are 148 MSAS cities. Their overall population has increased by 10.4% since 2010.

The following five cities have had the largest percentage increase since the 2010 Census: Medina (39.1%), Lake Elmo (40.5%), Victoria (42.9%), Otsego (47.1%), & Dayton (53.1%).

Thirteen cities have seen their populations decrease since 2010.

According to the 2020 Census, Chisholm has a population of 4,775. The city remains eligible to be included in the MSAS distribution. (see State Statute 162.09 subd. 4)

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

The City of North Oaks has a population of 5,272. 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 (3,268), Eveleth (3,493), Luverne (4,946), and Pipestone (4,215).

## 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.

The City of Carver and the City of Credit River are both over 5,000 and newly eligible MSAS cities.

## 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.

# 2021 POPULATION SUMMARY

The populations used for 2022 Allocations are to be based on the 2020 Federal Census

| Municipality     | 2010<br>Census | 2020<br>Census | 2019<br>Population<br>Estimates | % Change<br>in Population<br>from<br>2019 to 2020 | % Change<br>in Population<br>from<br>2010 to 2020 |
|------------------|----------------|----------------|---------------------------------|---|---|
| Albert Lea       | 18,016         | <b>18,492</b>  | 18,132                          | 2.0%  | 2.6%  |
| Albertville      | 7,044          | <b>7,896</b>   | 7,519                           | 5.0%  | 12.1%   |
| Alexandria       | 11,074         | <b>14,335</b>  | 14,156                          | 1.3%  | 29.4%   |
| Andover          | 30,598         | <b>32,601</b>  | 32,882                          | -0.9%   | 6.5%  |
| Anoka            | 17,142         | <b>17,921</b>  | 18,728                          | -4.3%   | 4.5%  |
| Apple Valley     | 49,084         | <b>56,374</b>  | 54,400                          | 3.6%  | 14.9%   |
| Arden Hills      | 9,552          | <b>9,939</b>   | 10,008                          | -0.7%   | 4.1%  |
| Austin           | 24,721         | <b>26,174</b>  | 25,679                          | 1.9%  | 5.9%  |
| Baxter           | 7,610          | <b>8,612</b>   | 8,555                           | 0.7%  | 13.2%   |
| Belle Plaine     | 6,661          | <b>7,395</b>   | 7,250                           | 2.0%  | 11.0%   |
| Bemidji          | 13,431         | <b>14,574</b>  | 16,318                          | -10.7%  | 8.5%  |
| Big Lake         | 10,060         | <b>11,686</b>  | 11,551                          | 1.2%  | 16.2%   |
| Blaine           | 57,186         | <b>70,222</b>  | 67,939                          | 3.4%  | 22.8%   |
| Bloomington      | 82,893         | <b>89,987</b>  | 90,271                          | -0.3%   | 8.6%  |
| Brainerd         | 13,590         | <b>14,395</b>  | 13,755                          | 4.7%  | 5.9%  |
| Brooklyn Center  | 30,104         | <b>33,782</b>  | 32,722                          | 3.2%  | 12.2%   |
| Brooklyn Park    | 75,781         | <b>86,478</b>  | 82,444                          | 4.9%  | 14.1%   |
| Buffalo          | 15,453         | <b>16,168</b>  | 16,558                          | -2.4%   | 4.6%  |
| Burnsville       | 60,306         | <b>64,317</b>  | 62,785                          | 2.4%  | 6.7%  |
| Byron            | 4,952          | <b>6,312</b>   | 5,945                           | 6.2%  | 27.5%   |
| Cambridge        | 8,111          | <b>9,611</b>   | 9,249                           | 3.9%  | 18.5%   |
| Champlin         | 23,089         | <b>23,919</b>  | 24,231                          | -1.3%   | 3.6%  |
| Chanhassen       | 22,952         | <b>25,947</b>  | 26,278                          | -1.3%   | 13.0%   |
| Chaska           | 23,770         | <b>27,810</b>  | 27,692                          | 0.4%  | 17.0%   |
| Chisago City     | 4,967          | <b>5,558</b>   | 5,501                           | 1.0%  | 11.9%   |
| Chisholm **      | 4,976          | <b>4,775</b>   | 4,925                           | -3.0%   | -4.0%   |
| Circle Pines     | 4,922          | <b>5,025</b>   | 5,061                           | -0.7%   | 2.1%  |
| Cloquet          | 12,124         | <b>12,568</b>  | 12,374                          | 1.6%  | 3.7%  |
| Columbia Heights | 19,496         | <b>21,973</b>  | 21,124                          | 4.0%  | 12.7%   |
| Coon Rapids      | 61,476         | <b>63,599</b>  | 63,968                          | -0.6%   | 3.5%  |
| Corcoran         | 5,379          | <b>6,185</b>   | 5,986                           | 3.3%  | 15.0%   |
| Cottage Grove    | 34,589         | <b>38,839</b>  | 37,795                          | 2.8%  | 12.3%   |
| Crookston        | 7,891          | <b>7,482</b>   | 8,019                           | -6.7%   | -5.2%   |
| Crystal          | 22,151         | <b>23,330</b>  | 23,262                          | 0.3%  | 5.3%  |
| Dayton           | 4,743          | <b>7,262</b>   | 6,320                           | 14.9%   | 53.1%   |
| Delano           | 5,464          | <b>6,484</b>   | 6,282                           | 3.2%  | 18.7%   |
| Detroit Lakes    | 8,571          | <b>9,869</b>   | 9,744                           | 1.3%  | 15.1%   |
| Duluth           | 86,265         | <b>86,697</b>  | 87,306                          | -0.7%   | 0.5%  |
| Eagan            | 64,206         | <b>68,855</b>  | 69,231                          | -0.5%   | 7.2%  |
| East Bethel      | 11,626         | <b>11,786</b>  | 12,184                          | -3.3%   | 1.4%  |

| Municipality          | 2010<br>Census | 2020<br>Census | 2019<br>Population<br>Estimates | % Change<br>in Population<br>from<br>2019 to 2020 | % Change<br>in Population<br>from<br>2010 to 2020 |
|-----------------------|----------------|----------------|---------------------------------|---|---|
| East Grand Forks      | 8,601          | 9,176          | 8,893                           | 3.2%  | 6.7%  |
| Eden Prairie          | 60,797         | 64,198         | 64,567                          | -0.6%   | 5.6%  |
| Edina                 | 47,941         | 53,494         | 53,268                          | 0.4%  | 11.6%   |
| Elk River             | 22,974         | 25,835         | 25,243                          | 2.3%  | 12.5%   |
| Fairmont *            | 10,666         | 10,487         | 10,299                          | 1.8%  | -1.7%   |
| Falcon Heights        | 5,321          | 5,369          | 5,446                           | -1.4%   | 0.9%  |
| Faribault             | 23,352         | 24,453         | 23,912                          | 2.3%  | 4.7%  |
| Farmington            | 21,086         | 23,632         | 23,123                          | 2.2%  | 12.1%   |
| Fergus Falls          | 13,140         | 14,119         | 13,766                          | 2.6%  | 7.5%  |
| Forest Lake           | 18,375         | 20,611         | 20,798                          | -0.9%   | 12.2%   |
| Fridley               | 27,208         | 29,590         | 29,374                          | 0.7%  | 8.8%  |
| Glencoe *             | 5,631          | 5,744          | 5,607                           | 2.4%  | 2.0%  |
| Golden Valley         | 20,371         | 22,552         | 22,715                          | -0.7%   | 10.7%   |
| Grand Rapids          | 10,869         | 11,126         | 11,390                          | -2.3%   | 2.4%  |
| Ham Lake              | 15,296         | 16,464         | 16,706                          | -1.4%   | 7.6%  |
| Hastings              | 22,172         | 22,154         | 22,965                          | -3.5%   | -0.1%   |
| Hermantown            | 9,414          | 10,221         | 9,603                           | 6.4%  | 8.6%  |
| Hibbing *             | 16,361         | 16,214         | 16,310                          | -0.6%   | -0.9%   |
| Hopkins               | 17,591         | 19,079         | 19,555                          | -2.4%   | 8.5%  |
| Hugo                  | 13,332         | 15,766         | 15,388                          | 2.5%  | 18.3%   |
| Hutchinson            | 14,180         | 14,599         | 14,282                          | 2.2%  | 3.0%  |
| International Falls * | 6,424          | 5,802          | 6,047                           | -4.1%   | -9.7%   |
| Inver Grove Heights   | 33,880         | 35,801         | 35,321                          | 1.4%  | 5.7%  |
| Isanti                | 5,251          | 6,804          | 6,233                           | 9.2%  | 29.6%   |
| Jordan                | 5,470          | 6,656          | 6,497                           | 2.4%  | 21.7%   |
| Kasson                | 5,931          | 6,851          | 6,549                           | 4.6%  | 15.5%   |
| LaCrescent            | 4,883          | 5,276          | 5,182                           | 1.8%  | 8.0%  |
| Lake City             | 5,063          | 5,252          | 5,177                           | 1.4%  | 3.7%  |
| Lake Elmo             | 8,069          | 11,335         | 11,105                          | 2.1%  | 40.5%   |
| Lakeville             | 55,954         | 69,490         | 65,831                          | 5.6%  | 24.2%   |
| Lino Lakes            | 20,216         | 21,399         | 21,995                          | -2.7%   | 5.9%  |
| Litchfield            | 6,726          | 6,624          | 6,786                           | -2.4%   | -1.5%   |
| Little Canada         | 9,773          | 10,819         | 10,580                          | 2.3%  | 10.7%   |
| Little Falls          | 8,347          | 9,140          | 8,929                           | 2.4%  | 9.5%  |
| Mahtomedi             | 7,676          | 8,138          | 8,021                           | 1.5%  | 6.0%  |
| Mankato               | 39,313         | 44,488         | 44,389                          | 0.2%  | 13.2%   |
| Maple Grove           | 61,567         | 70,253         | 68,101                          | 3.2%  | 14.1%   |
| Maplewood             | 38,018         | 42,088         | 41,738                          | 0.8%  | 10.7%   |
| Marshall              | 13,680         | 13,628         | 13,835                          | -1.5%   | -0.4%   |
| Medina                | 4,916          | 6,837          | 6,788                           | 0.7%  | 39.1%   |
| Mendota Heights       | 11,071         | 11,744         | 11,747                          | 0.0%  | 6.1%  |
| Minneapolis           | 382,578        | 429,954        | 435,885                         | -1.4%   | 12.4%   |
| Minnetonka            | 49,734         | 53,781         | 54,141                          | -0.7%   | 8.1%  |
| Minnetrissa           | 6,384          | 8,262          | 8,108                           | 1.9%  | 29.4%   |
| Montevideo *          | 5,383          | 5,398          | 5,246                           | 2.9%  | 0.3%  |

| Municipality     | 2010<br>Census | 2020<br>Census | 2019<br>Population<br>Estimates | % Change<br>in Population<br>from<br>2019 to 2020 | % Change<br>in Population<br>from<br>2010 to 2020 |
|------------------|----------------|----------------|---------------------------------|---|---|
| Monticello       | 12,759         | 14,455         | 13,897                          | 4.0%  | 13.3%   |
| Moorhead         | 38,065         | 44,505         | 44,167                          | 0.8%  | 16.9%   |
| Morris           | 5,286          | 5,105          | 5,498                           | -7.1%   | -3.4%   |
| Mound            | 9,052          | 9,398          | 9,447                           | -0.5%   | 3.8%  |
| Mounds View      | 12,155         | 13,249         | 13,513                          | -2.0%   | 9.0%  |
| New Brighton     | 21,456         | 23,454         | 23,427                          | 0.1%  | 9.3%  |
| New Hope         | 20,339         | 21,986         | 22,376                          | -1.7%   | 8.1%  |
| New Prague       | 7,321          | 8,162          | 8,248                           | -1.0%   | 11.5%   |
| New Ulm          | 13,522         | 14,120         | 13,562                          | 4.1%  | 4.4%  |
| North Branch     | 10,125         | 10,787         | 10,918                          | -1.2%   | 6.5%  |
| North Mankato    | 13,394         | 14,275         | 14,114                          | 1.1%  | 6.6%  |
| North St. Paul   | 11,460         | 12,364         | 12,161                          | 1.7%  | 7.9%  |
| Northfield       | 20,007         | 20,790         | 20,494                          | 1.4%  | 3.9%  |
| Oak Grove        | 8,031          | 8,929          | 8,868                           | 0.7%  | 11.2%   |
| Oakdale          | 27,378         | 28,303         | 27,930                          | 1.3%  | 3.4%  |
| Orono            | 7,437          | 8,315          | 8,284                           | 0.4%  | 11.8%   |
| Otsego           | 13,571         | 19,966         | 18,130                          | 10.1%   | 47.1%   |
| Owatonna         | 25,599         | 26,420         | 26,314                          | 0.4%  | 3.2%  |
| Plymouth         | 70,576         | 81,026         | 79,475                          | 2.0%  | 14.8%   |
| Prior Lake       | 22,796         | 27,617         | 27,005                          | 2.3%  | 21.1%   |
| Ramsey           | 23,668         | 27,646         | 27,263                          | 1.4%  | 16.8%   |
| Red Wing *       | 16,459         | 16,547         | 16,443                          | 0.6%  | 0.5%  |
| Redwood Falls *  | 5,256          | 5,102          | 5,236                           | -2.6%   | -2.9%   |
| Richfield        | 35,228         | 36,994         | 36,993                          | 0.0%  | 5.0%  |
| Robbinsdale      | 13,953         | 14,646         | 14,741                          | -0.6%   | 5.0%  |
| Rochester        | 106,750        | 121,395        | 119,969                         | 1.2%  | 13.7%   |
| Rogers           | 11,197         | 13,295         | 13,232                          | 0.5%  | 18.7%   |
| Rosemount        | 21,874         | 25,650         | 25,202                          | 1.8%  | 17.3%   |
| Roseville        | 33,660         | 36,254         | 36,644                          | -1.1%   | 7.7%  |
| Sartell          | 15,887         | 19,351         | 19,107                          | 1.3%  | 21.8%   |
| Sauk Rapids      | 12,773         | 13,862         | 14,244                          | -2.7%   | 8.5%  |
| Savage           | 26,911         | 32,465         | 32,245                          | 0.7%  | 20.6%   |
| Shakopee         | 37,076         | 43,698         | 41,528                          | 5.2%  | 17.9%   |
| Shoreview        | 25,043         | 26,921         | 26,695                          | 0.8%  | 7.5%  |
| Shorewood        | 7,307          | 7,783          | 7,934                           | -1.9%   | 6.5%  |
| South St. Paul   | 20,160         | 20,759         | 20,774                          | -0.1%   | 3.0%  |
| Spring Lake Park | 6,412          | 7,188          | 6,699                           | 7.3%  | 12.1%   |
| St. Anthony      | 8,226          | 9,257          | 9,020                           | 2.6%  | 12.5%   |
| St. Cloud        | 65,842         | 68,881         | 68,524                          | 0.5%  | 4.6%  |
| St. Francis      | 7,218          | 8,142          | 8,049                           | 1.2%  | 12.8%   |
| St. Joseph       | 6,534          | 7,029          | 7,342                           | -4.3%   | 7.6%  |
| St. Louis Park   | 45,250         | 50,010         | 49,834                          | 0.4%  | 10.5%   |
| St. Michael      | 16,399         | 18,235         | 18,157                          | 0.4%  | 11.2%   |
| St. Paul         | 285,068        | 311,527        | 315,925                         | -1.4%   | 9.3%  |
| St. Paul Park    | 5,279          | 5,544          | 5,611                           | -1.2%   | 5.0%  |



| Municipality      | 2010<br>Census   | 2020<br>Census   | 2019<br>Population<br>Estimates | % Change<br>in Population<br>from<br>2019 to 2020 | % Change<br>in Population<br>from<br>2010 to 2020 |
|-------------------|------------------|------------------|---------------------------------|---|---|
| St. Peter         | 11,196           | 12,066           | 12,033                          | 0.3%  | 7.8%  |
| Stewartville      | 5,916            | 6,687            | 6,284                           | 6.4%  | 13.0%   |
| Stillwater        | 18,225           | 19,394           | 19,774                          | -1.9%   | 6.4%  |
| Thief River Falls | 8,573            | 8,749            | 9,071                           | -3.6%   | 2.1%  |
| Vadnais Heights   | 12,302           | 12,912           | 13,338                          | -3.2%   | 5.0%  |
| Victoria          | 7,379            | 10,546           | 10,585                          | -0.4%   | 42.9%   |
| Virginia *        | 8,712            | 8,421            | 8,374                           | 0.6%  | -3.3%   |
| Waconia           | 10,697           | 13,033           | 13,277                          | -1.8%   | 21.8%   |
| Waite Park        | 6,715            | 8,341            | 7,801                           | 6.9%  | 24.2%   |
| Waseca *          | 9,412            | 9,229            | 8,996                           | 2.6%  | -1.9%   |
| West St. Paul     | 19,540           | 20,615           | 21,205                          | -2.8%   | 5.5%  |
| White Bear Lake   | 23,797           | 24,883           | 25,752                          | -3.4%   | 4.6%  |
| Willmar           | 19,610           | 21,015           | 20,226                          | 3.9%  | 7.2%  |
| Winona *          | 27,614           | 25,948           | 27,252                          | -4.8%   | -6.0%   |
| Woodbury          | 61,961           | 75,102           | 71,616                          | 4.9%  | 21.2%   |
| Worthington       | 12,764           | 13,947           | 13,522                          | 3.1%  | 9.3%  |
| Wyoming           | 7,791            | 8,032            | 8,123                           | -1.1%   | 3.1%  |
| Zimmerman         | 5,228            | 6,189            | 5,876                           | 5.3%  | 18.4%   |
| <b>Total</b>      | <b>3,690,202</b> | <b>4,072,453</b> | <b>4,049,914</b>                | <b>0.6%</b>                                       | <b>10.4%</b>                                      |

\* used 2010 census figure for last allocation

\*\* use population of 5,000, which makes adjusted 2020 census total 4,072,678

# POPULATION CHANGE

from 2010 US Census to 2020 US Census

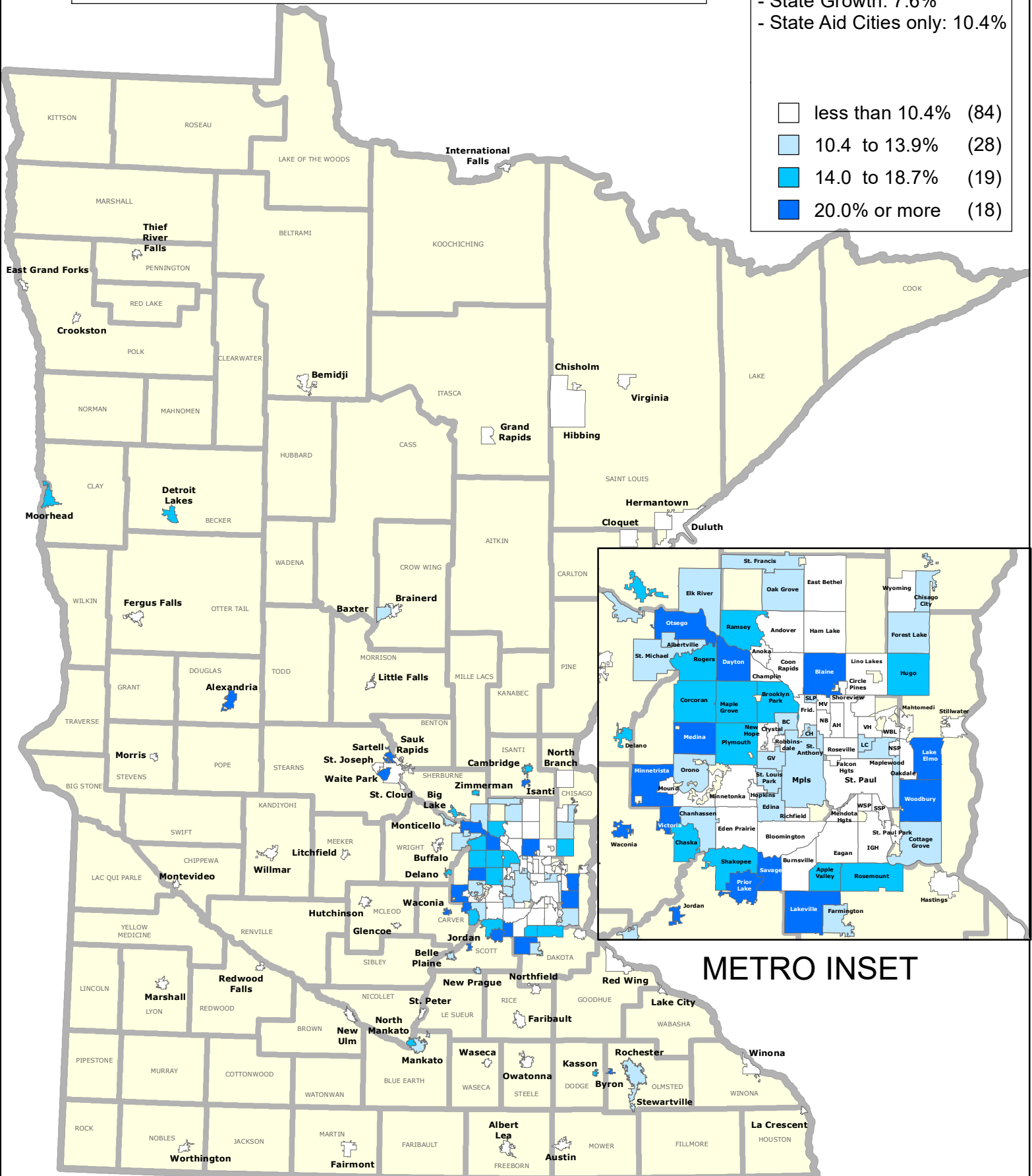
| City             | Pop 2010 | Pop 2020 | % Change | City                | Pop 2010 | Pop 2020 | % Change | City              | Pop 2010  | Pop 2020  | % Change |
|------------------|----------|----------|----------|---------------------|----------|----------|----------|-------------------|-----------|-----------|----------|
| ALBERT LEA       | 18,016   | 18,492   | 2.6      | FRIDLEY             | 27,208   | 29,590   | 8.8      | ORONO             | 7,437     | 8,315     | 11.8     |
| ALBERTVILLE      | 7,044    | 7,896    | 12.1     | GLENCOE             | 5,631    | 5,744    | 2.0      | OTSEGO            | 13,571    | 19,966    | 47.1     |
| ALEXANDRIA       | 11,074   | 14,335   | 29.4     | GOLDEN VALLEY       | 20,371   | 22,552   | 10.7     | OWATONNA          | 25,599    | 26,420    | 3.2      |
| ANDOVER          | 30,598   | 32,601   | 6.5      | GRAND RAPIDS        | 10,869   | 11,126   | 2.4      | PLYMOUTH          | 70,576    | 81,026    | 14.8     |
| ANOKA            | 17,142   | 17,921   | 4.5      | HAM LAKE            | 15,296   | 16,464   | 7.6      | PRIOR LAKE        | 22,796    | 27,617    | 21.1     |
| APPLE VALLEY     | 49,084   | 56,374   | 14.9     | HASTINGS            | 22,172   | 22,154   | (0.1)    | RAMSEY            | 23,668    | 27,646    | 16.8     |
| ARDEN HILLS      | 9,552    | 9,939    | 4.1      | HERMANTOWN          | 9,414    | 10,221   | 8.6      | RED WING          | 16,459    | 16,547    | 0.5      |
| AUSTIN           | 24,721   | 26,174   | 5.9      | HIBBING             | 16,361   | 16,214   | (0.9)    | REDWOOD FALLS     | 5,256     | 5,102     | (2.9)    |
| BAXTER           | 7,610    | 8,612    | 13.2     | HOPKINS             | 17,591   | 19,079   | 8.5      | RICHFIELD         | 35,228    | 36,994    | 5.0      |
| BELLE PLAINE     | 6,661    | 7,395    | 11.0     | HUGO                | 13,332   | 15,766   | 18.3     | ROBBINSDALE       | 13,953    | 14,646    | 5.0      |
| BEMIDJI          | 13,431   | 14,574   | 8.5      | HUTCHINSON          | 14,180   | 14,599   | 3.0      | ROCHESTER         | 106,750   | 121,395   | 13.7     |
| BIG LAKE         | 10,060   | 11,686   | 16.2     | INTERNATIONAL FALLS | 6,424    | 5,802    | (9.7)    | ROGERS            | 11,197    | 13,295    | 18.7     |
| BLAINE           | 57,186   | 70,222   | 22.8     | INVER GROVE HEIGHTS | 33,880   | 35,801   | 5.7      | ROSEMOUNT         | 21,874    | 25,650    | 17.3     |
| BLOOMINGTON      | 82,893   | 89,987   | 8.6      | ISANTI              | 5,251    | 6,804    | 29.6     | ROSEVILLE         | 33,660    | 36,254    | 7.7      |
| BRAINERD         | 13,590   | 14,395   | 5.9      | JORDAN              | 5,470    | 6,656    | 21.7     | SARTELL           | 15,887    | 19,351    | 21.8     |
| BROOKLYN CENTER  | 30,104   | 33,782   | 12.2     | KASSON              | 5,931    | 6,851    | 15.5     | SAUK RAPIDS       | 12,773    | 13,862    | 8.5      |
| BROOKLYN PARK    | 75,781   | 86,478   | 14.1     | LA CRESCENT         | 4,883    | 5,276    | 8.0      | SAVAGE            | 26,911    | 32,465    | 20.6     |
| BUFFALO          | 15,453   | 16,168   | 4.6      | LAKE CITY           | 5,063    | 5,252    | 3.7      | SHAKOPEE          | 37,076    | 43,698    | 17.9     |
| BURNSVILLE       | 60,306   | 64,317   | 6.7      | LAKE ELMO           | 8,069    | 11,335   | 40.5     | SHOREVIEW         | 25,043    | 26,921    | 7.5      |
| BYRON            | 4,952    | 6,312    | 27.5     | LAKEVILLE           | 55,954   | 69,490   | 24.2     | SHOREWOOD         | 7,307     | 7,783     | 6.5      |
| CAMBRIDGE        | 8,111    | 9,611    | 18.5     | LINO LAKES          | 20,216   | 21,399   | 5.9      | SOUTH ST PAUL     | 20,160    | 20,759    | 3.0      |
| CHAMPLIN         | 23,089   | 23,919   | 3.6      | LITCHFIELD          | 6,726    | 6,624    | (1.5)    | SPRING LAKE PARK  | 6,412     | 7,188     | 12.1     |
| CHANHASSEN       | 22,952   | 25,947   | 13.0     | LITTLE CANADA       | 9,773    | 10,819   | 10.7     | ST ANTHONY        | 8,226     | 9,257     | 12.5     |
| CHASKA           | 23,770   | 27,810   | 17.0     | LITTLE FALLS        | 8,347    | 9,140    | 9.5      | ST CLOUD          | 65,842    | 68,881    | 4.6      |
| CHISAGO CITY     | 4,967    | 5,558    | 11.9     | MAHTOMEDI           | 7,676    | 8,138    | 6.0      | ST FRANCIS        | 7,218     | 8,142     | 12.8     |
| CHISHOLM         | 4,976    | 4,775    | (4.0)    | MANKATO             | 39,313   | 44,488   | 13.2     | ST JOSEPH         | 6,534     | 7,029     | 7.6      |
| CIRCLE PINES     | 4,922    | 5,025    | 2.1      | MAPLE GROVE         | 61,567   | 70,253   | 14.1     | ST LOUIS PARK     | 45,250    | 50,010    | 10.5     |
| CLOQUET          | 12,124   | 12,568   | 3.7      | MAPLEWOOD           | 38,018   | 42,088   | 10.7     | ST MICHAEL        | 16,399    | 18,235    | 11.2     |
| COLUMBIA HEIGHTS | 19,496   | 21,973   | 12.7     | MARSHALL            | 13,680   | 13,628   | (0.4)    | ST PAUL           | 285,068   | 311,527   | 9.3      |
| COON RAPIDS      | 61,476   | 63,599   | 3.5      | MEDINA              | 4,916    | 6,837    | 39.1     | ST PAUL PARK      | 5,279     | 5,544     | 5.0      |
| CORCORAN         | 5,379    | 6,185    | 15.0     | MENDOTA HEIGHTS     | 11,071   | 11,744   | 6.1      | ST PETER          | 11,196    | 12,066    | 7.8      |
| COTTAGE GROVE    | 34,589   | 38,839   | 12.3     | MINNEAPOLIS         | 382,578  | 429,954  | 12.4     | STEWARTVILLE      | 5,916     | 6,687     | 13.0     |
| CROOKSTON        | 7,891    | 7,482    | (5.2)    | MINNETONKA          | 49,734   | 53,781   | 8.1      | STILLWATER        | 18,225    | 19,394    | 6.4      |
| CRYSTAL          | 22,151   | 23,330   | 5.3      | MINNETRISTA         | 6,384    | 8,262    | 29.4     | THIEF RIVER FALLS | 8,573     | 8,749     | 2.1      |
| DAYTON           | 4,743    | 7,262    | 53.1     | MONTEVIDEO          | 5,383    | 5,398    | 0.3      | VADNAIS HEIGHTS   | 12,302    | 12,912    | 5.0      |
| DELANO           | 5,464    | 6,484    | 18.7     | MONTICELLO          | 12,759   | 14,455   | 13.3     | VICTORIA          | 7,379     | 10,546    | 42.9     |
| DETROIT LAKES    | 8,571    | 9,869    | 15.1     | MOORHEAD            | 38,065   | 44,505   | 16.9     | VIRGINIA          | 8,712     | 8,421     | (3.3)    |
| DULUTH           | 86,265   | 86,697   | 0.5      | MORRIS              | 5,286    | 5,105    | (3.4)    | WACONIA           | 10,697    | 13,033    | 21.8     |
| EAGAN            | 64,206   | 68,855   | 7.2      | MOUND               | 9,052    | 9,398    | 3.8      | WAITE PARK        | 6,715     | 8,341     | 24.2     |
| EAST BETHEL      | 11,626   | 11,786   | 1.4      | MOUNDS VIEW         | 12,155   | 13,249   | 9.0      | WASECA            | 9,412     | 9,229     | (1.9)    |
| EAST GRAND FORKS | 8,601    | 9,176    | 6.7      | NEW BRIGHTON        | 21,456   | 23,454   | 9.3      | WEST ST PAUL      | 19,540    | 20,615    | 5.5      |
| EDEN PRAIRIE     | 60,797   | 64,198   | 5.6      | NEW HOPE            | 20,339   | 21,986   | 8.1      | WHITE BEAR LAKE   | 23,797    | 24,883    | 4.6      |
| EDINA            | 47,941   | 53,494   | 11.6     | NEW PRAGUE          | 7,321    | 8,162    | 11.5     | WILLMAR           | 19,610    | 21,015    | 7.2      |
| ELK RIVER        | 22,974   | 25,835   | 12.5     | NEW ULM             | 13,522   | 14,120   | 4.4      | WINONA            | 27,614    | 25,948    | (6.0)    |
| FAIRMONT         | 10,666   | 10,487   | (1.7)    | NORTH BRANCH        | 10,125   | 10,787   | 6.5      | WOODBURY          | 61,961    | 75,102    | 21.2     |
| FALCON HEIGHTS   | 5,321    | 5,369    | 0.9      | NORTH MANKATO       | 13,394   | 14,275   | 6.6      | WORTHINGTON       | 12,764    | 13,947    | 9.3      |
| FARIBAULT        | 23,352   | 24,453   | 4.7      | NORTH ST PAUL       | 11,460   | 12,364   | 7.9      | WYOMING           | 7,791     | 8,032     | 3.1      |
| FARMINGTON       | 21,086   | 23,632   | 12.1     | NORTHFIELD          | 20,007   | 20,790   | 3.9      | ZIMMERMAN         | 5,228     | 6,189     | 18.4     |
| FERGUS FALLS     | 13,140   | 14,119   | 7.5      | OAK GROVE           | 8,031    | 8,929    | 11.2     |                   |           |           |          |
| FOREST LAKE      | 18,375   | 20,611   | 12.2     | OAKDALE             | 27,378   | 28,303   | 3.4      |                   |           |           |          |
|                  |          |          |          |                     |          |          |          | Total             | 3,690,202 | 4,072,453 | 10.4     |

# Percentage Change in Population for State Aid Cities, 2010 - 2020

## Legend

- State Growth: 7.6%
- State Aid Cities only: 10.4%

|   |                      |
|---|----------------------|
| <span style="display:inline-block; width:15px; height:15px; border:1px solid black; background-color:white;"></span>      | less than 10.4% (84) |
| <span style="display:inline-block; width:15px; height:15px; border:1px solid black; background-color:lightblue;"></span>  | 10.4 to 13.9% (28)   |
| <span style="display:inline-block; width:15px; height:15px; border:1px solid black; background-color:mediumblue;"></span> | 14.0 to 18.7% (19)   |
| <span style="display:inline-block; width:15px; height:15px; border:1px solid black; background-color:blue;"></span>       | 20.0% or more (18)   |



# MSAS POPULATION & ALLOCATIONS

Fifty percent of the total apportionment sum is distributed on a prorated share of each city's population. The U.S. Census Bureau released their decennial population data in August 2021. These figures will be used in determining each city's share of the 2022 population apportionment.

Any adjustments made to the population figures in this report would be released in December 2021. Those changes would be minor and will be presented in the January 2022 report. 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 2021 population apportionment was \$96,505,795. Using this same amount for 2022, each city will earn approximately \$23.70 per capita. (a 12 cent drop from 2021). This projection will be revised when the actual revenue for the 2022 apportionment becomes available in January.

## TENTATIVE 2022 POPULATION ALLOCATIONS

2020 census

| Municipality    | Population<br>used for<br>2021 | Population<br>used for<br>2022 | 2021<br>Population<br>Allocations<br>(last year) | 2022<br>Population<br>Allocations<br>(this year) | Difference<br>Between last<br>two<br>Allocations | Allocation<br>% Change |
|-----------------|--------------------------------|--------------------------------|--|--|--|------------------------|
| Albert Lea      | 18,132                         | 18,492                         | \$431,836  | <b>\$438,185</b>                                 | \$6,349  | 1.5                    |
| Albertville     | 7,519                          | 7,896                          | 179,074  | <b>187,103</b>                                   | 8,029  | 4.5                    |
| Alexandria      | 14,156                         | 14,335                         | 337,143  | <b>339,681</b>                                   | 2,538  | 0.8                    |
| Andover         | 32,882                         | 32,601                         | 783,126  | <b>772,510</b>                                   | (10,616)   | (1.4)                  |
| Anoka           | 18,728                         | 17,921                         | 446,031  | <b>424,654</b>                                   | (21,377)   | (4.8)                  |
| Apple Valley    | 54,400                         | 56,374                         | 1,295,605  | <b>1,335,833</b>                                 | 40,228   | 3.1                    |
| Arden Hills     | 10,008                         | 9,939                          | 238,353  | <b>235,514</b>                                   | (2,839)  | (1.2)                  |
| Austin          | 25,679                         | 26,174                         | 611,578  | <b>620,217</b>                                   | 8,639  | 1.4                    |
| Baxter          | 8,555                          | 8,612                          | 203,748  | <b>204,069</b>                                   | 321  | 0.2                    |
| Belle Plaine    | 7,250                          | 7,395                          | 172,668  | <b>175,231</b>                                   | 2,563  | 1.5                    |
| Bemidji         | 16,318                         | 14,574                         | 388,634  | <b>345,344</b>                                   | (43,290)   | (11.1)                 |
| Big Lake        | 11,551                         | 11,686                         | 275,102  | <b>276,910</b>                                   | 1,808  | 0.7                    |
| Blaine          | 67,939                         | 70,222                         | 1,618,053  | <b>1,663,974</b>                                 | 45,921   | 2.8                    |
| Bloomington     | 90,271                         | 89,987                         | 2,149,918  | <b>2,132,323</b>                                 | (17,595)   | (0.8)                  |
| Brainerd        | 13,755                         | 14,395                         | 327,593  | <b>341,103</b>                                   | 13,510   | 4.1                    |
| Brooklyn Center | 32,722                         | 33,782                         | 779,316  | <b>800,495</b>                                   | 21,179   | 2.7                    |
| Brooklyn Park   | 82,444                         | 86,478                         | 1,963,508  | <b>2,049,175</b>                                 | 85,667   | 4.4                    |
| Buffalo         | 16,558                         | 16,168                         | 394,350  | <b>383,115</b>                                   | (11,235)   | (2.8)                  |
| Burnsville      | 62,785                         | 64,317                         | 1,495,304  | <b>1,524,050</b>                                 | 28,746   | 1.9                    |
| Byron           | 5,945                          | 6,312                          | 141,588  | <b>149,569</b>                                   | 7,981  | 5.6                    |
| Cambridge       | 9,249                          | 9,611                          | 220,277  | <b>227,741</b>                                   | 7,464  | 3.4                    |
| Champlin        | 24,231                         | 23,919                         | 577,092  | <b>566,782</b>                                   | (10,310)   | (1.8)                  |
| Chanhassen      | 26,278                         | 25,947                         | 625,844  | <b>614,838</b>                                   | (11,006)   | (1.8)                  |

| <b>Municipality</b> | <b>Population<br/>used for<br/>2021</b> | <b>Population<br/>used for<br/>2022</b> | <b>2021<br/>Population<br/>Allocations<br/>(last year)</b> | <b>2022<br/>Population<br/>Allocations<br/>(this year)</b> | <b>Difference<br/>Between last<br/>two<br/>Allocations</b> | <b>Allocation<br/>% Change</b> |
|---------------------|---|---|--|--|--|--------------------------------|
| Chaska              | 27,692                                  | 27,810                                  | \$659,520  | <b>\$658,983</b>   | (537)  | (0.1)                          |
| Chisago City        | 5,501                                   | 5,558                                   | 131,013  | <b>131,702</b>   | 689  | 0.5                            |
| Chisholm            | 5,000                                   | 5,000                                   | 119,081  | <b>118,479</b>   | (602)  | (0.5)                          |
| Circle Pines        | 5,061                                   | 5,025                                   | 120,534  | <b>119,072</b>   | (1,462)  | (1.2)                          |
| Cloquet             | 12,374                                  | 12,568                                  | 294,702  | <b>297,810</b>   | 3,108  | 1.1                            |
| Columbia Heights    | 21,124                                  | 21,973                                  | 503,095  | <b>520,670</b>   | 17,575   | 3.5                            |
| Coon Rapids         | 63,968                                  | 63,599                                  | 1,523,479  | <b>1,507,036</b>   | (16,443)   | (1.1)                          |
| Corcoran            | 5,986                                   | 6,185                                   | 142,564  | <b>146,559</b>   | 3,995  | 2.8                            |
| Cottage Grove       | 37,795                                  | 38,839                                  | 900,136  | <b>920,325</b>   | 20,189   | 2.2                            |
| Crookston           | 8,019                                   | 7,482                                   | 190,983  | <b>177,293</b>   | (13,690)   | (7.2)                          |
| Crystal             | 23,262                                  | 23,330                                  | 554,014  | <b>552,825</b>   | (1,189)  | (0.2)                          |
| Dayton              | 6,320                                   | 7,262                                   | 150,519  | <b>172,080</b>   | 21,561   | 14.3                           |
| Delano              | 6,282                                   | 6,484                                   | 149,614  | <b>153,644</b>   | 4,030  | 2.7                            |
| Detroit Lakes       | 9,744                                   | 9,869                                   | 232,066  | <b>233,855</b>   | 1,789  | 0.8                            |
| Duluth              | 87,306                                  | 86,697                                  | 2,079,302  | <b>2,054,364</b>   | (24,938)   | (1.2)                          |
| Eagan               | 69,231                                  | 68,855                                  | 1,648,823  | <b>1,631,582</b>   | (17,241)   | (1.0)                          |
| East Bethel         | 12,184                                  | 11,786                                  | 290,177  | <b>279,280</b>   | (10,897)   | (3.8)                          |
| East Grand Forks    | 8,893                                   | 9,176                                   | 211,798  | <b>217,434</b>   | 5,636  | 2.7                            |
| Eden Prairie        | 64,567                                  | 64,198                                  | 1,537,744  | <b>1,521,230</b>   | (16,514)   | (1.1)                          |
| Edina               | 53,268                                  | 53,494                                  | 1,268,645  | <b>1,267,589</b>   | (1,056)  | (0.1)                          |
| Elk River           | 25,243                                  | 25,835                                  | 601,194  | <b>612,184</b>   | 10,990   | 1.8                            |
| Fairmont            | 10,666                                  | 10,487                                  | 254,024  | <b>248,499</b>   | (5,525)  | (2.2)                          |
| Falcon Heights      | 5,446                                   | 5,369                                   | 129,703  | <b>127,223</b>   | (2,480)  | (1.9)                          |
| Faribault           | 23,912                                  | 24,453                                  | 569,494  | <b>579,436</b>   | 9,942  | 1.7                            |
| Farmington          | 23,123                                  | 23,632                                  | 550,703  | <b>559,982</b>   | 9,279  | 1.7                            |
| Fergus Falls        | 13,766                                  | 14,119                                  | 327,855  | <b>334,562</b>   | 6,707  | 2.0                            |
| Forest Lake         | 20,798                                  | 20,611                                  | 495,331  | <b>488,396</b>   | (6,935)  | (1.4)                          |
| Fridley             | 29,374                                  | 29,590                                  | 699,579  | <b>701,162</b>   | 1,583  | 0.2                            |
| Glencoe             | 5,631                                   | 5,744                                   | 134,109  | <b>136,109</b>   | 2,000  | 1.5                            |
| Golden Valley       | 22,715                                  | 22,552                                  | 540,986  | <b>534,390</b>   | (6,596)  | (1.2)                          |
| Grand Rapids        | 11,390                                  | 11,126                                  | 271,267  | <b>263,641</b>   | (7,626)  | (2.8)                          |
| Ham Lake            | 16,706                                  | 16,464                                  | 397,874  | <b>390,129</b>   | (7,745)  | (1.9)                          |
| Hastings            | 22,965                                  | 22,154                                  | 546,940  | <b>524,959</b>   | (21,981)   | (4.0)                          |
| Hermantown          | 9,603                                   | 10,221                                  | 228,708  | <b>242,196</b>   | 13,488   | 5.9                            |
| Hibbing             | 16,361                                  | 16,214                                  | 389,658  | <b>384,205</b>   | (5,453)  | (1.4)                          |
| Hopkins             | 19,555                                  | 19,079                                  | 465,727  | <b>452,094</b>   | (13,633)   | (2.9)                          |
| Hugo                | 15,388                                  | 15,766                                  | 366,485  | <b>373,590</b>   | 7,105  | 1.9                            |
| Hutchinson          | 14,282                                  | 14,599                                  | 340,144  | <b>345,937</b>   | 5,793  | 1.7                            |
| International Falls | 6,424                                   | 5,802                                   | 152,996  | <b>137,484</b>   | (15,512)   | (10.1)                         |
| Inver Grove Heights | 35,321                                  | 35,801                                  | 841,214  | <b>848,337</b>   | 7,123  | 0.8                            |
| Isanti              | 6,233                                   | 6,804                                   | 148,447  | <b>161,227</b>   | 12,780   | 8.6                            |
| Jordan              | 6,497                                   | 6,656                                   | 154,734  | <b>157,720</b>   | 2,986  | 1.9                            |
| Kasson              | 6,549                                   | 6,851                                   | 155,973  | <b>162,341</b>   | 6,368  | 4.1                            |
| LaCrescent          | 5,182                                   | 5,276                                   | 123,416  | <b>125,020</b>   | 1,604  | 1.3                            |
| Lake City           | 5,177                                   | 5,252                                   | 123,297  | <b>124,451</b>   | 1,154  | 0.9                            |
| Lake Elmo           | 11,105                                  | 11,335                                  | 264,480  | <b>268,593</b>   | 4,113  | 1.6                            |

| <b>Municipality</b> | <b>Population<br/>used for<br/>2021</b> | <b>Population<br/>used for<br/>2022</b> | <b>2021<br/>Population<br/>Allocations<br/>(last year)</b> | <b>2022<br/>Population<br/>Allocations<br/>(this year)</b> | <b>Difference<br/>Between last<br/>two<br/>Allocations</b> | <b>Allocation<br/>% Change</b> |
|---------------------|---|---|--|--|--|--------------------------------|
| Lakeville           | 65,831                                  | 69,490                                  | \$1,567,848  | <b>\$1,646,629</b>   | 78,781   | 5.0                            |
| Lino Lakes          | 21,995                                  | 21,399                                  | 523,839  | <b>507,069</b>   | (16,770)   | (3.2)                          |
| Litchfield          | 6,786                                   | 6,624                                   | 161,617  | <b>156,962</b>   | (4,655)  | (2.9)                          |
| Little Canada       | 10,580                                  | 10,819                                  | 251,976  | <b>256,366</b>   | 4,390  | 1.7                            |
| Little Falls        | 8,929                                   | 9,140                                   | 212,655  | <b>216,581</b>   | 3,926  | 1.8                            |
| Mahtomedi           | 8,021                                   | 8,138                                   | 191,030  | <b>192,837</b>   | 1,807  | 0.9                            |
| Mankato             | 44,389                                  | 44,488                                  | 1,057,180  | <b>1,054,183</b>   | (2,997)  | (0.3)                          |
| Maple Grove         | 68,101                                  | 70,253                                  | 1,621,911  | <b>1,664,708</b>   | 42,797   | 2.6                            |
| Maplewood           | 41,738                                  | 42,088                                  | 994,043  | <b>997,313</b>   | 3,270  | 0.3                            |
| Marshall            | 13,835                                  | 13,628                                  | 329,498  | <b>322,928</b>   | (6,570)  | (2.0)                          |
| Medina              | 6,788                                   | 6,837                                   | 161,665  | <b>162,009</b>   | 344  | 0.2                            |
| Mendota Heights     | 11,747                                  | 11,744                                  | 279,770  | <b>278,285</b>   | (1,485)  | (0.5)                          |
| Minneapolis         | 435,885                                 | 429,954                                 | 10,381,149   | <b>10,188,149</b>  | (193,000)  | (1.9)                          |
| Minnetonka          | 54,141                                  | 53,781                                  | 1,289,436  | <b>1,274,390</b>   | (15,046)   | (1.2)                          |
| Minnetrista         | 8,108                                   | 8,262                                   | 193,102  | <b>195,776</b>   | 2,674  | 1.4                            |
| Montevideo          | 5,383                                   | 5,398                                   | 128,203  | <b>127,911</b>   | (292)  | (0.2)                          |
| Monticello          | 13,897                                  | 14,455                                  | 330,975  | <b>342,524</b>   | 11,549   | 3.5                            |
| Moorhead            | 44,167                                  | 44,505                                  | 1,051,893  | <b>1,054,586</b>   | 2,693  | 0.3                            |
| Morris              | 5,498                                   | 5,105                                   | 130,942  | <b>120,968</b>   | (9,974)  | (7.6)                          |
| Mound               | 9,447                                   | 9,398                                   | 224,992  | <b>222,694</b>   | (2,298)  | (1.0)                          |
| Mounds View         | 13,513                                  | 13,249                                  | 321,829  | <b>313,947</b>   | (7,882)  | (2.4)                          |
| New Brighton        | 23,427                                  | 23,454                                  | 557,944  | <b>555,764</b>   | (2,180)  | (0.4)                          |
| New Hope            | 22,376                                  | 21,986                                  | 532,913  | <b>520,978</b>   | (11,935)   | (2.2)                          |
| New Prague          | 8,248                                   | 8,162                                   | 196,437  | <b>193,406</b>   | (3,031)  | (1.5)                          |
| New Ulm             | 13,562                                  | 14,120                                  | 322,996  | <b>334,586</b>   | 11,590   | 3.6                            |
| North Branch        | 10,918                                  | 10,787                                  | 260,026  | <b>255,608</b>   | (4,418)  | (1.7)                          |
| North Mankato       | 14,114                                  | 14,275                                  | 336,143  | <b>338,259</b>   | 2,116  | 0.6                            |
| North St. Paul      | 12,161                                  | 12,364                                  | 289,630  | <b>292,976</b>   | 3,346  | 1.2                            |
| Northfield          | 20,494                                  | 20,790                                  | 488,090  | <b>492,638</b>   | 4,548  | 0.9                            |
| Oak Grove           | 8,868                                   | 8,929                                   | 211,203  | <b>211,581</b>   | 378  | 0.2                            |
| Oakdale             | 27,930                                  | 28,303                                  | 665,188  | <b>670,665</b>   | 5,477  | 0.8                            |
| Orono               | 8,284                                   | 8,315                                   | 197,294  | <b>197,031</b>   | (263)  | (0.1)                          |
| Otsego              | 18,130                                  | 19,966                                  | 431,789  | <b>473,112</b>   | 41,323   | 9.6                            |
| Owatonna            | 26,314                                  | 26,420                                  | 626,701  | <b>626,046</b>   | (655)  | (0.1)                          |
| Plymouth            | 79,475                                  | 81,026                                  | 1,892,797  | <b>1,919,984</b>   | 27,187   | 1.4                            |
| Prior Lake          | 27,005                                  | 27,617                                  | 643,158  | <b>654,410</b>   | 11,252   | 1.7                            |
| Ramsey              | 27,263                                  | 27,646                                  | 649,303  | <b>655,097</b>   | 5,794  | 0.9                            |
| Red Wing            | 16,459                                  | 16,547                                  | 391,992  | <b>392,096</b>   | 104  | 0.0                            |
| Redwood Falls       | 5,256                                   | 5,102                                   | 125,178  | <b>120,897</b>   | (4,281)  | (3.4)                          |
| Richfield           | 36,993                                  | 36,994                                  | 881,035  | <b>876,606</b>   | (4,429)  | (0.5)                          |
| Robbinsdale         | 14,741                                  | 14,646                                  | 351,075  | <b>347,050</b>   | (4,025)  | (1.1)                          |
| Rochester           | 119,969                                 | 121,395                                 | 2,857,213  | <b>2,876,565</b>   | 19,352   | 0.7                            |
| Rogers              | 13,232                                  | 13,295                                  | 315,137  | <b>315,037</b>   | (100)  | 0.0                            |
| Rosemount           | 25,202                                  | 25,650                                  | 600,217  | <b>607,800</b>   | 7,583  | 1.3                            |
| Roseville           | 36,644                                  | 36,254                                  | 872,723  | <b>859,071</b>   | (13,652)   | (1.6)                          |
| Sartell             | 19,107                                  | 19,351                                  | 455,057  | <b>458,539</b>   | 3,482  | 0.8                            |



| Municipality      | Population<br>used for<br>2021 | Population<br>used for<br>2022 | 2021<br>Population<br>Allocations<br>(last year) | 2022<br>Population<br>Allocations<br>(this year) | Difference<br>Between last<br>two<br>Allocations | Allocation<br>% Change |
|-------------------|--------------------------------|--------------------------------|--|--|--|------------------------|
| Sauk Rapids       | 14,244                         | 13,862                         | \$339,239  | <b>\$328,473</b>                                 | (10,766)   | (3.2)                  |
| Savage            | 32,245                         | 32,465                         | 767,955  | <b>769,288</b>                                   | 1,333  | 0.2                    |
| Shakopee          | 41,528                         | 43,698                         | 989,042  | <b>1,035,464</b>                                 | 46,422   | 4.7                    |
| Shoreview         | 26,695                         | 26,921                         | 635,775  | <b>637,917</b>                                   | 2,142  | 0.3                    |
| Shorewood         | 7,934                          | 7,783                          | 188,958  | <b>184,425</b>                                   | (4,533)  | (2.4)                  |
| South St. Paul    | 20,774                         | 20,759                         | 494,759  | <b>491,903</b>                                   | (2,856)  | (0.6)                  |
| Spring Lake Park  | 6,699                          | 7,188                          | 159,545  | <b>170,326</b>                                   | 10,781   | 6.8                    |
| St. Anthony       | 9,020                          | 9,257                          | 214,823  | <b>219,353</b>                                   | 4,530  | 2.1                    |
| St. Cloud         | 68,524                         | 68,881                         | 1,631,985  | <b>1,632,198</b>                                 | 213  | 0.0                    |
| St. Francis       | 8,049                          | 8,142                          | 191,697  | <b>192,932</b>                                   | 1,235  | 0.6                    |
| St. Joseph        | 7,342                          | 7,029                          | 174,859  | <b>166,559</b>                                   | (8,300)  | (4.7)                  |
| St. Louis Park    | 49,834                         | 50,010                         | 1,186,859  | <b>1,185,032</b>                                 | (1,827)  | (0.2)                  |
| St. Michael       | 18,157                         | 18,235                         | 432,432  | <b>432,095</b>                                   | (337)  | (0.1)                  |
| St. Paul          | 315,925                        | 311,527                        | 7,524,151  | <b>7,381,914</b>                                 | (142,237)  | (1.9)                  |
| St. Paul Park     | 5,611                          | 5,544                          | 133,633  | <b>131,370</b>                                   | (2,263)  | (1.7)                  |
| St. Peter         | 12,033                         | 12,066                         | 286,581  | <b>285,915</b>                                   | (666)  | (0.2)                  |
| Stewartville      | 6,284                          | 6,687                          | 149,661  | <b>158,455</b>                                   | 8,794  | 5.9                    |
| Stillwater        | 19,774                         | 19,394                         | 470,943  | <b>459,558</b>                                   | (11,385)   | (2.4)                  |
| Thief River Falls | 9,071                          | 8,749                          | 216,037  | <b>207,315</b>                                   | (8,722)  | (4.0)                  |
| Vadnais Heights   | 13,338                         | 12,912                         | 317,661  | <b>305,962</b>                                   | (11,699)   | (3.7)                  |
| Victoria          | 10,585                         | 10,546                         | 252,095  | <b>249,897</b>                                   | (2,198)  | (0.9)                  |
| Virginia          | 8,712                          | 8,421                          | 207,487  | <b>199,543</b>                                   | (7,944)  | (3.8)                  |
| Waconia           | 13,277                         | 13,033                         | 316,208  | <b>308,829</b>                                   | (7,379)  | (2.3)                  |
| Waite Park        | 7,801                          | 8,341                          | 185,791  | <b>197,648</b>                                   | 11,857   | 6.4                    |
| Waseca            | 9,412                          | 9,229                          | 224,159  | <b>218,690</b>                                   | (5,469)  | (2.4)                  |
| West St. Paul     | 21,205                         | 20,615                         | 505,024  | <b>488,491</b>                                   | (16,533)   | (3.3)                  |
| White Bear Lake   | 25,752                         | 24,883                         | 613,316  | <b>589,625</b>                                   | (23,691)   | (3.9)                  |
| Willmar           | 20,226                         | 21,015                         | 481,708  | <b>497,969</b>                                   | 16,261   | 3.4                    |
| Winona            | 27,614                         | 25,948                         | 657,662  | <b>614,861</b>                                   | (42,801)   | (6.5)                  |
| Woodbury          | 71,616                         | 75,102                         | 1,705,624  | <b>1,779,609</b>                                 | 73,985   | 4.3                    |
| Worthington       | 13,522                         | 13,947                         | 322,043  | <b>330,487</b>                                   | 8,444  | 2.6                    |
| Wyoming           | 8,123                          | 8,032                          | 193,459  | <b>190,326</b>                                   | (3,133)  | (1.6)                  |
| Zimmerman         | 5,876                          | 6,189                          | 139,944  | <b>146,654</b>                                   | 6,710  | 4.8                    |
| <b>Total</b>      | <b>4,052,097</b>               | <b>4,072,678</b>               | <b>\$96,505,795</b>                              | <b>\$96,505,795</b>                              | <b>0</b>   | <b>0.0</b>             |

A city's Population Allocation equals total population apportionment divided by the total population multiplied by the city's population used for 2022.

2021      \$96,505,795      \$23.82 per person  
             4,052,097

**2022      \$96,505,795      \$23.70 per person**  
             **4,072,678**

The population increase from 2021 and 2022 for allocation purposes is **20,581** (0.5% increase overall)

77 Cities Increased their population allocation.  
71 Cities Decreased their population allocation.

## MILEAGE, NEEDS AND APPORTIONMENT

The cities' share of the *Highway User Tax Distribution Fund* will be announced in January when the Commissioner of Transportation makes a determination of the 2022 apportionment. Allocations in this report are tentative and will be based off the 2021 total apportionment amount of **\$193,011,589**. Using last year's 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 the minimum maintenance, or make a change to their future maintenance request, 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 2021

| Appt. Year | Number of Municipalities | Needs Mileage | Actual Construction Needs | Total Apportionment | Adjusted Construction Needs | Total Apportionment Per Needs Mileage | Apportionment Per \$1000 of Adjusted Needs |
|------------|--------------------------|---------------|---------------------------|---------------------|-----------------------------|---------------------------------------|--|
| 1958       | 58                       | 920.40        | \$190,373,337             | \$7,286,074         | \$190,373,337               | \$7,916.20                            | \$19.14                                    |
| 1959       | 59                       | 938.36        | 195,749,800               | 8,108,428           | 195,749,800                 | 8,641.06                              | 20.71                                      |
| 1960       | 59                       | 968.82        | 214,494,178               | 8,370,596           | 197,971,488                 | 8,639.99                              | 21.14                                      |
| 1961       | 77                       | 1131.78       | 233,276,540               | 9,185,862           | 233,833,072                 | 8,116.30                              | 19.64                                      |
| 1962       | 77                       | 1140.83       | 223,014,549               | 9,037,698           | 225,687,087                 | 7,922.04                              | 20.02                                      |
| 1963       | 77                       | 1161.06       | 221,458,428               | 9,451,125           | 222,770,204                 | 8,140.08                              | 21.21                                      |
| 1964       | 77                       | 1177.11       | 218,487,546               | 10,967,128          | 221,441,346                 | 9,317.00                              | 24.76                                      |
| 1965       | 77                       | 1208.81       | 218,760,538               | 11,370,240          | 221,140,776                 | 9,406.14                              | 25.71                                      |
| 1966       | 80                       | 1271.87       | 221,992,032               | 11,662,274          | 218,982,273                 | 9,169.39                              | 26.63                                      |
| 1967       | 80                       | 1309.93       | 213,883,059               | 12,442,900          | 213,808,290                 | 9,498.90                              | 29.10                                      |
| 1968       | 84                       | 1372.36       | 215,390,936               | 14,287,775          | 215,206,878                 | 10,411.10                             | 33.20                                      |
| 1969       | 86                       | 1412.57       | 209,136,115               | 15,121,277          | 210,803,850                 | 10,704.80                             | 35.87                                      |
| 1970       | 86                       | 1427.59       | 205,103,671               | 16,490,064          | 206,350,399                 | 11,550.98                             | 39.96                                      |
| 1971       | 90                       | 1467.30       | 204,854,564               | 18,090,833          | 204,327,997                 | 12,329.33                             | 44.27                                      |
| 1972       | 92                       | 1521.41       | 217,915,457               | 18,338,440          | 217,235,062                 | 12,053.58                             | 42.21                                      |
| 1973       | 94                       | 1580.45       | 311,183,279               | 18,648,610          | 309,052,410                 | 11,799.56                             | 30.17                                      |
| 1974       | 95                       | 1608.06       | 324,787,253               | 21,728,373          | 321,833,693                 | 13,512.17                             | 33.76                                      |
| 1975       | 99                       | 1629.30       | 422,560,903               | 22,841,302          | 418,577,904                 | 14,019.09                             | 27.28                                      |
| 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                                      |



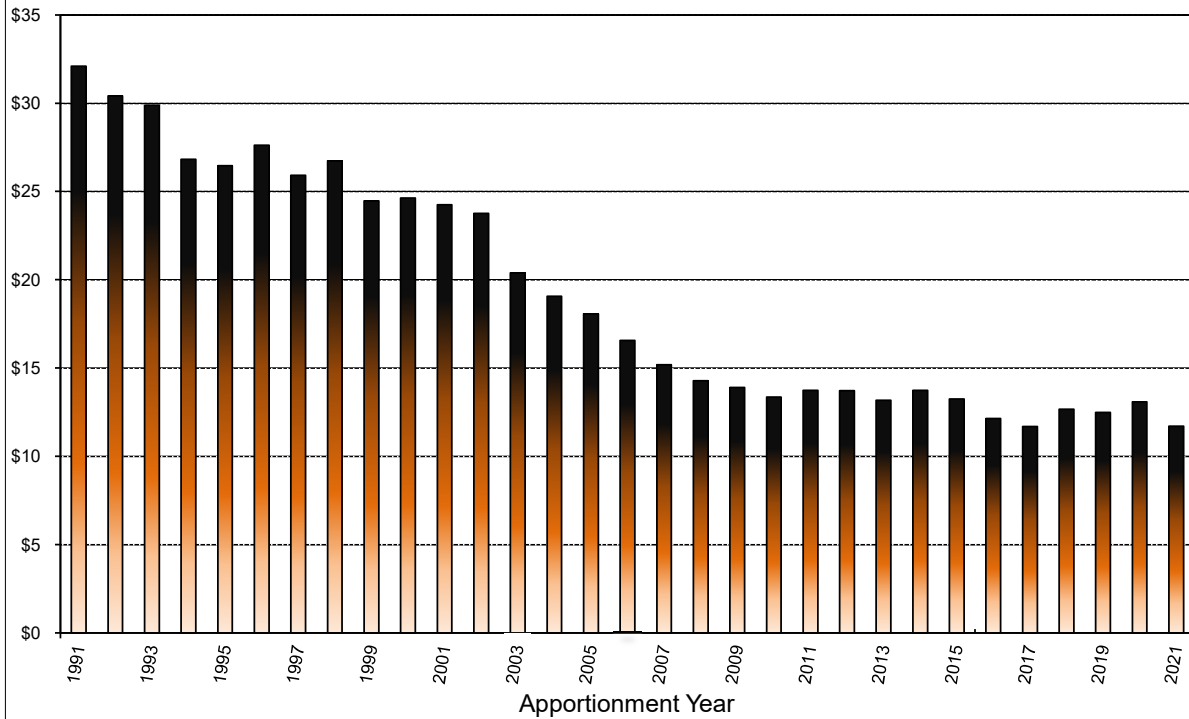
| Appt. Year | Number of Municipalities | Needs Mileage | Actual Construction Needs | Total Apportionment | Adjusted Construction Needs | Total Apportionment Per Needs Mileage | Apportionment Per \$1000 of Adjusted Needs |
|------------|--------------------------|---------------|---------------------------|---------------------|-----------------------------|---------------------------------------|--|
| 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                      | 3812.44       | 8,134,204,323             | 193,011,589         | *8,239,725,438              | 50,626.79                             | 11.71                                      |
| 2022       | 148^                     | 3833.78       | 9,391,873,362             | 193,011,589         | *9,480,164,744              | 50,344.98                             | 10.18                                      |

Figures for 2022 are estimates (total apportionment based on 0.0% change from 2021)

\* Amounts reflect Adjusted Construction Needs dollars.

^ City of Carver & City of Credit River are eligible for 2022 Apportionment. January report will distribute to 150 cities.

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



| Apport. Year | Const. Needs Apport. per \$1,000 of Adjusted Const. Needs | Percent Increase from 1958 | Apport. Year | Const. Needs Apport. per \$1,000 of Adjusted Const. Needs | Percent Increase from 1958 | Apport. Year | Const. Needs Apport. per \$1,000 of Adjusted Const. Needs | Percent Increase (Decrease) from 1958 |
|--------------|---|----------------------------|--------------|---|----------------------------|--------------|---|---------------------------------------|
| 1958         | \$19.14   |                            | 1980         | 27.86   | 45.59                      | 2002         | 23.77   | 24.21                                 |
| 1959         | 20.71   | 8.23                       | 1981         | 25.54   | 33.49                      | 2003         | 20.39   | 6.55                                  |
| 1960         | 21.14   | 10.48                      | 1982         | 30.30   | 58.33                      | 2004         | 19.08   | (0.29)                                |
| 1961         | 19.64   | 2.64                       | 1983         | 36.55   | 91.00                      | 2005         | 18.07   | (5.56)                                |
| 1962         | 20.02   | 4.63                       | 1984         | 39.70   | 107.47                     | 2006         | 16.57   | (13.41)                               |
| 1963         | 21.21   | 10.85                      | 1985         | 48.20   | 151.87                     | 2007         | 15.19   | (20.62)                               |
| 1964         | 24.76   | 29.40                      | 1986         | 54.30   | 183.76                     | 2008         | 14.29   | (25.33)                               |
| 1965         | 25.71   | 34.34                      | 1987         | 48.97   | 155.92                     | 2009         | 13.91   | (27.31)                               |
| 1966         | 26.63   | 39.15                      | 1988         | 55.06   | 187.72                     | 2010         | 13.36   | (30.18)                               |
| 1967         | 29.10   | 52.06                      | 1989         | 64.98   | 239.55                     | 2011         | 13.75   | (28.15)                               |
| 1968         | 33.20   | 73.47                      | 1990         | 41.99   | 119.43                     | 2012         | 13.72   | (28.30)                               |
| 1969         | 35.87   | 87.42                      | 1991         | 32.11   | 67.77                      | 2013         | 13.18   | (31.13)                               |
| 1970         | 39.96   | 108.80                     | 1992         | 30.41   | 58.94                      | 2014         | 13.74   | (28.20)                               |
| 1971         | 44.27   | 131.34                     | 1993         | 29.89   | 56.20                      | 2015         | 13.25   | (30.76)                               |
| 1972         | 42.21   | 120.57                     | 1994         | 26.83   | 40.20                      | 2016         | 12.15   | (36.51)                               |
| 1973         | 30.17   | 57.66                      | 1995         | 26.46   | 38.27                      | 2017         | 11.70   | (38.86)                               |
| 1974         | 33.76   | 76.40                      | 1996         | 27.63   | 44.39                      | 2018         | 12.68   | (33.74)                               |
| 1975         | 27.28   | 42.58                      | 1997         | 25.91   | 35.40                      | 2019         | 12.50   | (34.68)                               |
| 1976         | 25.67   | 34.14                      | 1998         | 26.73   | 39.69                      | 2020         | 13.09   | (31.60)                               |
| 1977         | 28.54   | 49.14                      | 1999         | 24.47   | 27.86                      | 2021         | 11.71   | (38.81)                               |
| 1978         | 28.38   | 48.30                      | 2000         | 24.64   | 28.76                      | 2022         | 10.18   |                                       |
| 1979         | 29.42   | 53.73                      | 2001         | 24.26   | 26.77                      |              |   |                                       |

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

## 2021 ITEMIZED TABULATION OF NEEDS

The 2021 Money Needs continued to increase over the last year. This increase is due to Needs updates, new designations, added mileage, and an increase to most of unit costs in the Needs study. (The unit cost for structures saw a slight decrease in this year's full unit cost study. See Screening Board Resolutions for all unit prices used in the 2021 Needs computation.)

The “*2021 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.

Most items in the tabulation are traffic based and draw continuous needs for 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 \$2,449,768 (up from \$2,133,851 last year). East Bethel currently has the lowest cost per mile at \$1,623,063 while Minneapolis has the highest cost at \$3,307,355 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, Minnetrista and Saint Francis.

## 2021 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       | \$6,092,155          | \$5,072,201 | \$7,553,587 | \$8,209,839        | \$5,404,608   | \$9,247,158 | \$1,217,349 | \$2,431,000 | \$2,079,025 | \$10,407,526 | \$57,714,448 | 24.31         | \$2,374,103   |
| 242    | ALBERTVILLE      | 1,835,623            | 1,588,376   | 2,227,301   | 2,487,043          | 1,685,376     | 2,905,268   | 115,938     | 769,000     | 0           | 2,995,062    | 16,608,987   | 7.69          | 2,159,816     |
| 102    | ALEXANDRIA       | 8,515,039            | 6,991,509   | 10,610,783  | 11,507,166         | 7,185,024     | 12,628,361  | 2,666,574   | 3,337,000   | 67,844      | 13,972,061   | 77,481,361   | 33.37         | 2,321,887     |
| 198    | ANDOVER          | 8,493,168            | 8,833,004   | 8,767,255   | 12,463,987         | 9,879,936     | 13,203,675  | 579,689     | 4,448,000   | 498,306     | 14,776,745   | 81,943,765   | 44.48         | 1,842,261     |
| 103    | ANOKA            | 3,985,800            | 3,434,417   | 4,698,351   | 5,807,828          | 3,626,304     | 5,827,733   | 1,101,411   | 1,656,000   | 2,432,755   | 7,165,538    | 39,736,137   | 16.56         | 2,399,525     |
| 186    | APPLE VALLEY     | 11,386,501           | 8,141,677   | 15,215,584  | 15,565,994         | 8,416,320     | 13,828,692  | 4,231,732   | 3,750,000   | 0           | 17,718,033   | 98,254,533   | 37.50         | 2,620,121     |
| 187    | ARDEN HILLS      | 1,526,469            | 1,528,304   | 1,641,751   | 2,201,023          | 1,647,360     | 2,465,653   | 231,876     | 764,000     | 70,927      | 2,657,021    | 14,734,384   | 7.64          | 1,928,584     |
| 104    | AUSTIN           | 7,697,666            | 6,357,224   | 9,539,932   | 10,555,218         | 6,701,376     | 11,250,264  | 3,188,290   | 3,041,000   | 4,237,142   | 13,764,993   | 76,333,105   | 30.41         | 2,510,132     |
| 230    | BAXTER           | 4,888,146            | 3,719,557   | 6,447,610   | 6,397,890          | 4,107,840     | 6,678,290   | 811,566     | 1,747,000   | 0           | 7,655,537    | 42,453,436   | 17.47         | 2,430,076     |
| 239    | BELLE PLAINE     | 2,046,399            | 1,856,318   | 2,407,790   | 2,816,556          | 1,921,920     | 3,184,325   | 0           | 910,000     | 967,239     | 3,544,322    | 19,654,869   | 9.10          | 2,159,876     |
| 105    | BEMIDJI          | 4,889,966            | 4,218,814   | 5,863,131   | 6,760,882          | 4,300,032     | 7,322,415   | 1,159,380   | 2,036,000   | 1,908,872   | 8,461,091    | 46,920,583   | 20.36         | 2,304,547     |
| 232    | BIG LAKE         | 2,162,495            | 2,281,645   | 2,172,154   | 3,227,141          | 2,424,576     | 3,744,355   | 115,938     | 1,148,000   | 0           | 3,800,788    | 21,077,092   | 11.48         | 1,835,984     |
| 106    | BLAINE           | 14,007,539           | 10,771,065  | 18,298,465  | 18,451,415         | 13,117,632    | 18,190,411  | 3,420,168   | 5,071,000   | 743,196     | 22,455,598   | 124,526,489  | 50.71         | 2,455,659     |
| 107    | BLOOMINGTON      | 24,074,956           | 16,701,787  | 32,441,369  | 33,302,952         | 20,503,296    | 28,949,453  | 13,071,984  | 7,612,000   | 3,174,863   | 39,563,183   | 219,395,843  | 76.12         | 2,882,237     |
| 108    | BRAINERD         | 4,892,128            | 4,131,116   | 5,962,312   | 6,749,146          | 4,401,408     | 7,104,527   | 1,101,411   | 1,986,000   | 3,641,787   | 8,793,365    | 48,763,200   | 19.86         | 2,455,347     |
| 109    | BROOKLYN CENTER  | 6,115,618            | 4,586,231   | 8,027,381   | 8,177,971          | 5,326,464     | 8,176,795   | 2,405,708   | 2,139,000   | 1,418,548   | 10,202,224   | 56,575,940   | 21.39         | 2,644,971     |
| 110    | BROOKLYN PARK    | 17,589,301           | 13,043,274  | 23,363,511  | 23,129,379         | 13,877,952    | 23,154,214  | 5,217,200   | 6,071,000   | 150,925     | 27,631,290   | 153,228,046  | 60.71         | 2,523,934     |
| 213    | BUFFALO          | 5,041,811            | 4,073,736   | 6,422,463   | 6,627,144          | 4,262,016     | 7,419,900   | 521,721     | 1,941,000   | 0           | 7,988,151    | 44,297,942   | 19.41         | 2,282,223     |
| 179    | BURNSVILLE       | 14,129,459           | 9,836,533   | 19,037,261  | 19,478,142         | 11,675,136    | 17,123,866  | 5,970,798   | 4,489,000   | 0           | 22,382,846   | 124,123,041  | 44.89         | 2,765,049     |
| 249    | BYRON            | 1,728,561            | 1,642,815   | 1,909,883   | 2,472,261          | 1,786,752     | 3,088,757   | 57,969      | 808,000     | 0           | 2,968,902    | 16,463,900   | 8.08          | 2,037,611     |
| 218    | CAMBRIDGE        | 4,337,063            | 3,547,593   | 5,451,785   | 5,749,902          | 3,603,072     | 6,305,571   | 869,535     | 1,693,000   | 1,822,707   | 7,343,651    | 40,723,879   | 16.93         | 2,405,427     |
| 193    | CHAMPLIN         | 5,190,423            | 4,211,267   | 6,514,212   | 7,075,253          | 5,087,808     | 7,200,095   | 1,391,251   | 2,007,000   | 802,528     | 8,685,568    | 48,165,405   | 20.07         | 2,399,871     |
| 194    | CHANHASSEN       | 6,094,978            | 4,796,825   | 7,900,528   | 8,083,543          | 5,294,784     | 8,622,144   | 1,768,051   | 2,276,000   | 957,066     | 10,074,664   | 55,868,583   | 22.76         | 2,454,683     |
| 196    | CHASKA           | 5,569,437            | 4,745,104   | 6,842,562   | 7,544,059          | 4,925,184     | 8,098,433   | 1,130,393   | 2,294,000   | 1,905,244   | 9,471,970    | 52,526,386   | 22.94         | 2,289,729     |
| 252    | CHISAGO CITY     | 1,590,990            | 1,729,165   | 1,547,762   | 2,405,722          | 1,848,000     | 2,695,018   | 173,907     | 875,000     | 0           | 2,830,423    | 15,695,987   | 8.75          | 1,793,827     |
| 111    | CHISHOLM         | 1,646,391            | 1,719,520   | 1,650,623   | 2,465,969          | 1,818,432     | 3,094,490   | 289,844     | 861,000     | 48,252      | 2,990,797    | 16,585,318   | 8.61          | 1,926,285     |
| 244    | CIRCLE PINES     | 691,479              | 717,693     | 706,441     | 1,024,180          | 768,768       | 1,244,296   | 231,876     | 360,000     | 0           | 1,263,843    | 7,008,576    | 3.60          | 1,946,827     |
| 112    | CLOQUET          | 4,814,263            | 4,609,643   | 5,342,537   | 6,848,509          | 4,923,072     | 7,685,582   | 927,504     | 2,278,000   | 616,760     | 8,370,092    | 46,415,962   | 22.78         | 2,037,575     |
| 113    | COLUMBIA HEIGHTS | 2,912,664            | 2,580,969   | 3,390,092   | 4,108,538          | 2,648,448     | 4,671,362   | 579,688     | 1,250,000   | 0           | 4,871,188    | 27,012,949   | 12.50         | 2,161,036     |
| 114    | COON RAPIDS      | 13,332,713           | 10,067,063  | 17,267,156  | 18,349,421         | 10,809,216    | 17,693,461  | 4,927,357   | 4,699,000   | 3,810,125   | 22,210,222   | 123,165,734  | 46.99         | 2,621,105     |
| 215    | CORCORAN         | 2,935,478            | 3,207,320   | 2,849,270   | 4,438,366          | 3,548,160     | 4,931,310   | 57,969      | 1,626,000   | 80,505      | 5,208,362    | 28,882,740   | 16.26         | 1,776,306     |
| 180    | COTTAGE GROVE    | 9,678,338            | 8,033,178   | 11,774,070  | 13,722,255         | 9,440,640     | 13,444,504  | 1,565,160   | 3,842,000   | 313,459     | 15,798,991   | 87,612,595   | 38.42         | 2,280,390     |
| 115    | CROOKSTON        | 2,513,324            | 2,355,532   | 2,836,133   | 3,548,291          | 2,445,696     | 4,151,474   | 289,845     | 1,158,000   | 3,867,448   | 5,096,460    | 28,262,203   | 11.58         | 2,440,605     |
| 116    | CRYSTAL          | 3,692,989            | 3,564,864   | 3,923,965   | 5,629,779          | 3,868,128     | 6,294,107   | 811,564     | 1,757,000   | 0           | 6,499,330    | 36,041,726   | 17.57         | 2,051,322     |
| 229    | DAYTON           | 1,805,274            | 2,073,338   | 1,661,617   | 2,782,000          | 2,392,896     | 2,893,800   | 115,938     | 1,062,000   | 0           | 3,253,109    | 18,039,972   | 10.62         | 1,698,679     |
| 247    | DELANO           | 1,229,602            | 1,242,620   | 1,299,829   | 1,790,917          | 1,311,552     | 2,008,838   | 231,876     | 621,000     | 696,576     | 2,295,221    | 12,728,031   | 6.21          | 2,049,602     |
| 117    | DETROIT LAKES    | 6,115,160            | 5,327,394   | 7,297,099   | 8,453,896          | 5,442,624     | 9,736,470   | 1,043,441   | 2,577,000   | 752,447     | 10,284,018   | 57,029,549   | 25.77         | 2,213,021     |
| 118    | DULUTH           | 32,121,498           | 25,027,309  | 41,237,369  | 43,679,213         | 25,565,760    | 44,104,621  | 17,216,763  | 11,803,000  | 9,349,849   | 55,023,194   | 305,128,576  | 118.03        | 2,585,178     |
| 195    | EAGAN            | 15,005,150           | 10,732,650  | 20,281,997  | 19,614,577         | 11,588,544    | 18,863,214  | 3,478,138   | 4,943,000   | 1,724,026   | 23,370,882   | 129,602,178  | 49.43         | 2,621,934     |

## 2021 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         | 4,703,890            | 5,756,260   | 3,908,353   | 7,531,017          | 6,278,976     | 8,369,843  | 0         | 2,973,000 | 30,838     | 8,701,480   | 48,253,657  | 29.73         | 1,623,063     |
| 119    | EAST GRAND FORKS    | 3,978,210            | 3,455,977   | 4,762,758   | 5,552,821          | 3,588,288     | 5,829,648  | 695,628   | 1,674,000 | 6,174,130  | 7,856,522   | 43,567,982  | 16.74         | 2,602,627     |
| 181    | EDEN PRAIRIE        | 15,112,820           | 10,619,879  | 20,320,748  | 20,639,315         | 12,114,432    | 18,242,016 | 5,246,183 | 4,861,000 | 1,466,437  | 23,897,024  | 132,519,854 | 48.61         | 2,726,185     |
| 120    | EDINA               | 12,931,697           | 8,956,667   | 17,610,142  | 17,374,805         | 9,461,760     | 15,615,813 | 5,449,078 | 4,085,000 | 3,764,776  | 20,954,943  | 116,204,681 | 40.85         | 2,844,668     |
| 204    | ELK RIVER           | 9,826,403            | 8,214,136   | 12,078,305  | 13,446,887         | 9,068,928     | 14,423,126 | 1,970,945 | 3,939,000 | 2,198,568  | 16,536,585  | 91,702,883  | 39.39         | 2,328,075     |
| 123    | FAIRMONT            | 4,980,969            | 4,178,744   | 6,209,496   | 6,630,493          | 4,270,464     | 7,368,289  | 1,275,317 | 2,012,000 | 1,150,802  | 8,376,848   | 46,453,422  | 20.12         | 2,308,818     |
| 124    | FALCON HEIGHTS      | 669,181              | 661,164     | 723,418     | 964,194            | 694,848       | 1,081,828  | 289,842   | 329,000   | 0          | 1,190,966   | 6,604,441   | 3.29          | 2,007,429     |
| 125    | FARIBAULT           | 7,538,957            | 5,919,240   | 9,711,089   | 9,975,849          | 5,907,264     | 10,692,154 | 985,473   | 2,797,000 | 5,147,588  | 12,908,414  | 71,583,028  | 27.97         | 2,559,279     |
| 212    | FARMINGTON          | 4,000,856            | 3,491,172   | 4,793,945   | 5,512,136          | 3,746,688     | 5,663,360  | 57,969    | 1,695,000 | 930,582    | 6,576,174   | 36,467,882  | 16.95         | 2,151,497     |
| 126    | FERGUS FALLS        | 6,742,632            | 5,430,779   | 8,465,156   | 9,199,893          | 5,706,624     | 9,646,629  | 2,260,788 | 2,579,000 | 3,082,168  | 11,685,009  | 64,798,678  | 25.79         | 2,512,551     |
| 214    | FOREST LAKE         | 7,404,427            | 6,881,204   | 8,423,096   | 10,543,259         | 7,328,640     | 11,613,423 | 985,473   | 3,383,000 | 0          | 12,443,757  | 69,006,279  | 33.83         | 2,039,795     |
| 127    | FRIDLEY             | 5,604,583            | 4,747,329   | 6,880,181   | 7,599,157          | 5,197,632     | 8,226,493  | 1,159,379 | 2,287,000 | 0          | 9,174,389   | 50,876,143  | 22.87         | 2,224,580     |
| 226    | GLENCOE             | 1,910,265            | 1,720,501   | 2,232,313   | 2,645,937          | 1,771,968     | 3,069,639  | 0         | 839,000   | 0          | 3,121,717   | 17,311,340  | 8.39          | 2,063,330     |
| 128    | GOLDEN VALLEY       | 6,682,636            | 5,095,299   | 8,731,243   | 8,863,904          | 5,417,280     | 9,132,478  | 3,072,356 | 2,389,000 | 988,811    | 11,082,062  | 61,455,069  | 23.89         | 2,572,418     |
| 129    | GRAND RAPIDS        | 5,877,357            | 5,402,708   | 6,715,441   | 8,327,380          | 5,586,240     | 9,507,108  | 1,101,411 | 2,645,000 | 1,293,019  | 10,220,241  | 56,675,905  | 26.45         | 2,142,756     |
| 197    | HAM LAKE            | 5,702,181            | 6,841,909   | 4,884,086   | 9,036,096          | 7,446,912     | 9,981,122  | 173,907   | 3,523,000 | 203,531    | 10,514,408  | 58,307,152  | 35.23         | 1,655,043     |
| 130    | HASTINGS            | 6,019,806            | 4,771,269   | 7,723,445   | 7,960,041          | 4,775,232     | 8,536,133  | 811,566   | 2,261,000 | 1,421,813  | 9,741,668   | 54,021,973  | 22.61         | 2,389,296     |
| 202    | HERMANTOWN          | 4,668,057            | 3,866,438   | 5,851,167   | 6,195,811          | 3,915,648     | 6,829,291  | 753,597   | 1,854,000 | 145,120    | 7,497,408   | 41,576,537  | 18.54         | 2,242,532     |
| 131    | HIBBING             | 10,740,260           | 10,852,197  | 11,309,526  | 15,676,424         | 11,476,608    | 17,553,931 | 927,501   | 5,419,000 | 35,464     | 18,478,007  | 102,468,918 | 54.19         | 1,890,919     |
| 132    | HOPKINS             | 2,887,662            | 2,142,131   | 3,869,054   | 3,715,108          | 2,109,888     | 3,773,028  | 2,724,539 | 999,000   | 0          | 4,888,492   | 27,108,902  | 9.99          | 2,713,604     |
| 224    | HUGO                | 4,350,346            | 4,503,378   | 4,452,396   | 6,440,372          | 5,191,296     | 7,538,401  | 347,814   | 2,257,000 | 228,383    | 7,768,066   | 43,077,452  | 22.57         | 1,908,616     |
| 133    | HUTCHINSON          | 5,028,990            | 4,090,314   | 6,356,419   | 6,707,788          | 4,139,520     | 7,305,220  | 637,659   | 1,952,000 | 4,047,578  | 8,858,407   | 49,123,895  | 19.52         | 2,516,593     |
| 134    | INTERNATIONAL FALLS | 1,451,608            | 1,650,199   | 1,313,843   | 2,264,888          | 1,771,968     | 2,706,486  | 347,814   | 839,000   | 0          | 2,716,077   | 15,061,883  | 8.39          | 1,795,218     |
| 178    | INVER GROVE HEIGHTS | 8,531,609            | 7,310,975   | 10,335,598  | 11,726,832         | 8,371,968     | 12,622,621 | 1,333,286 | 3,529,000 | 457,128    | 14,128,182  | 78,347,199  | 35.29         | 2,220,096     |
| 245    | ISANTI              | 1,280,796            | 1,401,017   | 1,221,266   | 1,957,288          | 1,495,296     | 2,356,704  | 0         | 708,000   | 0          | 2,292,483   | 12,712,850  | 7.08          | 1,795,600     |
| 246    | JORDAN              | 1,278,940            | 1,233,382   | 1,407,437   | 1,828,750          | 1,288,320     | 2,136,903  | 0         | 610,000   | 1,421,705  | 2,465,199   | 13,670,636  | 6.10          | 2,241,088     |
| 240    | KASSON              | 1,365,283            | 1,328,605   | 1,505,383   | 1,946,509          | 1,393,920     | 2,196,155  | 0         | 660,000   | 453,500    | 2,386,859   | 13,236,214  | 6.60          | 2,005,487     |
| 236    | LA CRESCENT         | 1,029,261            | 1,152,296   | 947,671     | 1,596,430          | 1,233,408     | 1,953,407  | 0         | 584,000   | 0          | 1,869,224   | 10,365,697  | 5.84          | 1,774,948     |
| 234    | LAKE CITY           | 1,531,744            | 1,661,109   | 1,483,365   | 2,323,852          | 1,771,968     | 2,721,777  | 173,907   | 839,000   | 0          | 2,751,480   | 15,258,202  | 8.39          | 1,818,618     |
| 206    | LAKE ELMO           | 4,340,112            | 4,229,813   | 4,663,870   | 6,296,988          | 4,532,352     | 7,895,828  | 115,938   | 2,089,000 | 185,028    | 7,556,765   | 41,905,694  | 20.89         | 2,006,017     |
| 188    | LAKEVILLE           | 19,530,988           | 15,435,888  | 25,039,036  | 25,876,158         | 16,967,808    | 27,032,362 | 2,898,450 | 7,306,000 | 201,934    | 30,863,499  | 171,152,123 | 73.06         | 2,342,624     |
| 210    | LINO LAKES          | 4,573,728            | 4,942,683   | 4,444,241   | 6,927,542          | 5,339,136     | 8,268,541  | 231,876   | 2,495,000 | 0          | 8,189,005   | 45,411,752  | 24.95         | 1,820,110     |
| 135    | LITCHFIELD          | 1,658,946            | 1,749,448   | 1,640,465   | 2,500,923          | 1,852,224     | 3,174,769  | 289,845   | 877,000   | 0          | 3,023,599   | 16,767,219  | 8.77          | 1,911,884     |
| 200    | LITTLE CANADA       | 2,563,125            | 2,321,044   | 3,000,103   | 3,544,222          | 2,397,120     | 4,103,691  | 347,814   | 1,135,000 | 73,794     | 4,286,902   | 23,772,815  | 11.35         | 2,094,521     |
| 136    | LITTLE FALLS        | 4,379,012            | 4,164,182   | 4,882,723   | 6,227,576          | 4,392,960     | 6,928,683  | 695,627   | 2,055,000 | 0          | 7,419,666   | 41,145,429  | 20.55         | 2,002,211     |
| 219    | MAHTOMEDI           | 1,886,972            | 1,927,153   | 1,937,183   | 2,795,144          | 2,173,248     | 3,398,398  | 115,938   | 961,000   | 0          | 3,342,908   | 18,537,944  | 9.61          | 1,929,026     |
| 137    | MANKATO             | 12,977,162           | 8,992,043   | 17,459,413  | 18,008,304         | 9,571,584     | 15,527,886 | 6,811,343 | 4,094,000 | 2,096,984  | 21,018,517  | 116,557,236 | 40.94         | 2,847,026     |
| 189    | MAPLE GROVE         | 16,551,085           | 12,605,977  | 21,240,023  | 23,231,116         | 14,933,952    | 21,065,100 | 5,970,796 | 5,906,000 | 1,461,504  | 27,052,422  | 150,017,975 | 59.06         | 2,540,094     |
| 138    | MAPLEWOOD           | 9,227,095            | 7,655,530   | 11,503,546  | 12,322,734         | 8,422,656     | 13,756,058 | 1,565,161 | 3,668,000 | 1,449,663  | 15,305,500  | 84,875,943  | 36.68         | 2,313,957     |

## 2021 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        | 4,562,140            | 3,935,561   | 5,574,988   | 6,149,203          | 4,631,616     | 7,154,224  | 811,566    | 1,907,000  | 1,659,991  | 8,004,986   | 44,391,275  | 19.07         | 2,327,807     |
| 250    | MEDINA          | 2,365,490            | 2,495,779   | 2,402,331   | 3,503,134          | 2,659,008     | 3,711,864  | 289,845    | 1,259,000  | 0          | 4,111,020   | 22,797,471  | 12.59         | 1,810,760     |
| 140    | MENDOTA HEIGHTS | 3,327,609            | 3,087,268   | 3,812,531   | 4,656,015          | 3,294,720     | 5,403,416  | 463,752    | 1,517,000  | 1,523,760  | 5,958,933   | 33,045,004  | 15.17         | 2,178,313     |
| 141    | MINNEAPOLIS     | 63,781,475           | 45,075,648  | 86,012,280  | 85,392,239         | 45,346,752    | 78,790,100 | 86,315,582 | 20,669,000 | 48,942,520 | 123,271,644 | 683,597,240 | 206.69        | 3,307,355     |
| 142    | MINNETONKA      | 13,551,701           | 10,807,154  | 17,285,150  | 18,053,681         | 11,288,640    | 19,253,134 | 4,057,823  | 5,128,000  | 148,022    | 21,906,124  | 121,479,429 | 51.28         | 2,368,944     |
| 243    | MINNETRISTA     | 2,264,054            | 2,549,659   | 2,107,350   | 3,484,861          | 2,741,376     | 3,836,099  | 57,969     | 1,298,000  | 126,980    | 4,062,596   | 22,528,944  | 12.98         | 1,735,666     |
| 143    | MONTEVIDEO      | 1,822,793            | 1,807,510   | 1,946,822   | 2,648,067          | 1,896,576     | 3,230,200  | 173,907    | 898,000    | 0          | 3,173,256   | 17,597,131  | 8.98          | 1,959,591     |
| 222    | MONTICELLO      | 4,073,769            | 3,133,801   | 5,333,289   | 5,258,036          | 3,165,888     | 5,468,398  | 637,659    | 1,473,000  | 0          | 6,279,649   | 34,823,489  | 14.73         | 2,364,120     |
| 144    | MOORHEAD        | 14,063,235           | 10,669,766  | 18,110,843  | 19,658,111         | 12,745,920    | 18,631,939 | 6,144,705  | 4,989,000  | 17,225,744 | 26,892,639  | 149,131,902 | 49.89         | 2,989,214     |
| 190    | MORRIS          | 1,871,712            | 1,781,523   | 2,088,564   | 2,658,347          | 1,892,352     | 3,199,617  | 115,938    | 879,000    | 0          | 3,187,154   | 17,674,207  | 8.79          | 2,010,718     |
| 145    | MOUND           | 1,701,637            | 1,606,911   | 1,932,922   | 2,388,111          | 1,676,928     | 2,693,108  | 115,938    | 794,000    | 0          | 2,840,103   | 15,749,658  | 7.94          | 1,983,584     |
| 146    | MOUNDS VIEW     | 2,291,630            | 2,199,246   | 2,529,566   | 3,274,703          | 2,318,976     | 3,987,098  | 405,783    | 1,086,000  | 0          | 3,980,464   | 22,073,466  | 10.86         | 2,032,548     |
| 147    | NEW BRIGHTON    | 3,218,226            | 3,082,504   | 3,596,462   | 4,551,041          | 3,225,024     | 5,078,483  | 608,674    | 1,527,000  | 106,391    | 5,498,637   | 30,492,442  | 15.27         | 1,996,886     |
| 182    | NEW HOPE        | 3,646,265            | 2,749,825   | 4,797,216   | 4,827,828          | 2,716,032     | 4,916,016  | 1,217,347  | 1,286,000  | 0          | 5,754,435   | 31,910,964  | 12.86         | 2,481,412     |
| 237    | NEW PRAGUE      | 2,009,702            | 1,938,026   | 2,205,795   | 2,877,560          | 2,023,296     | 3,329,591  | 115,938    | 958,000    | 74,374     | 3,417,111   | 18,949,393  | 9.58          | 1,978,016     |
| 148    | NEW ULM         | 4,254,771            | 3,709,509   | 5,152,605   | 5,767,529          | 4,124,736     | 6,680,209  | 347,814    | 1,801,000  | 1,249,483  | 7,279,294   | 40,366,950  | 18.01         | 2,241,363     |
| 225    | NORTH BRANCH    | 5,461,231            | 5,772,451   | 5,481,750   | 8,142,045          | 6,274,752     | 8,763,587  | 115,938    | 2,907,000  | 96,360     | 9,463,328   | 52,478,442  | 29.07         | 1,805,244     |
| 150    | NORTH MANKATO   | 4,492,312            | 3,479,878   | 5,677,261   | 6,365,959          | 3,717,120     | 6,148,846  | 1,101,411  | 1,633,000  | 0          | 7,175,474   | 39,791,261  | 16.33         | 2,436,697     |
| 151    | NORTH ST PAUL   | 2,508,611            | 2,318,168   | 2,889,897   | 3,496,469          | 2,437,248     | 3,912,555  | 637,658    | 1,139,000  | 0          | 4,254,713   | 23,594,319  | 11.39         | 2,071,494     |
| 149    | NORTHFIELD      | 4,068,997            | 3,525,459   | 4,898,406   | 5,581,199          | 4,063,488     | 6,108,712  | 0          | 1,706,000  | 1,296,648  | 6,874,759   | 38,123,668  | 17.06         | 2,234,682     |
| 223    | OAK GROVE       | 4,832,612            | 5,389,544   | 4,526,140   | 7,429,209          | 5,778,432     | 8,524,665  | 0          | 2,736,000  | 0          | 8,627,652   | 47,844,254  | 27.36         | 1,748,693     |
| 185    | OAKDALE         | 5,662,632            | 4,154,896   | 7,633,910   | 7,235,159          | 4,194,432     | 7,381,675  | 1,217,349  | 1,931,000  | 0          | 8,670,432   | 48,081,485  | 19.31         | 2,489,979     |
| 152    | ORONO           | 2,144,873            | 1,936,762   | 2,502,384   | 2,974,343          | 2,014,848     | 3,516,903  | 231,876    | 945,000    | 1,030,715  | 3,805,497   | 21,103,201  | 9.45          | 2,233,143     |
| 217    | OTSEGO          | 5,612,625            | 5,420,193   | 6,214,724   | 7,986,840          | 5,674,944     | 9,300,680  | 289,845    | 2,687,000  | 0          | 9,501,111   | 52,687,962  | 26.87         | 1,960,847     |
| 153    | OWATONNA        | 9,210,071            | 7,315,413   | 11,661,407  | 12,608,302         | 7,315,968     | 13,205,585 | 1,507,193  | 3,464,000  | 2,143,059  | 15,054,820  | 83,485,818  | 34.64         | 2,410,099     |
| 155    | PLYMOUTH        | 20,559,593           | 14,649,332  | 27,508,234  | 27,953,654         | 15,702,720    | 25,459,315 | 2,260,788  | 6,732,000  | 4,915,454  | 32,063,045  | 177,804,135 | 67.32         | 2,641,178     |
| 201    | PRIOR LAKE      | 5,053,290            | 4,872,048   | 5,550,663   | 7,237,554          | 5,822,784     | 8,776,963  | 1,043,442  | 2,408,000  | 109,203    | 8,992,269   | 49,866,216  | 24.08         | 2,070,856     |
| 199    | RAMSEY          | 7,143,372            | 7,519,464   | 7,229,277   | 10,608,649         | 8,048,832     | 12,412,372 | 1,043,442  | 3,787,000  | 684,603    | 12,864,945  | 71,341,956  | 37.87         | 1,883,865     |
| 156    | RED WING        | 6,587,276            | 5,240,079   | 8,426,287   | 8,763,500          | 5,586,240     | 9,415,362  | 521,721    | 2,486,000  | 1,970,004  | 10,779,221  | 59,775,690  | 24.86         | 2,404,493     |
| 207    | REDWOOD FALLS   | 1,929,301            | 2,100,879   | 1,850,625   | 2,940,622          | 2,264,064     | 3,578,067  | 173,907    | 1,061,000  | 695,034    | 3,650,573   | 20,244,072  | 10.61         | 1,908,018     |
| 157    | RICHFIELD       | 6,966,891            | 5,281,378   | 9,021,962   | 9,563,592          | 6,418,368     | 9,413,447  | 4,347,669  | 2,469,000  | 0          | 11,766,109  | 65,248,416  | 24.69         | 2,642,706     |
| 158    | ROBBINSDALE     | 2,391,094            | 2,077,686   | 2,855,833   | 3,325,789          | 2,204,928     | 3,675,545  | 898,517    | 1,005,000  | 678,073    | 4,204,746   | 23,317,211  | 10.05         | 2,320,120     |
| 159    | ROCHESTER       | 36,087,883           | 24,597,816  | 48,648,890  | 50,555,974         | 27,646,080    | 41,963,905 | 19,883,308 | 11,134,000 | 25,871,262 | 63,005,615  | 349,394,733 | 111.34        | 3,138,088     |
| 238    | ROGERS          | 5,402,287            | 4,624,222   | 6,538,299   | 7,446,639          | 5,273,664     | 8,283,832  | 985,473    | 2,230,000  | 0          | 8,972,574   | 49,756,990  | 22.30         | 2,231,255     |
| 208    | ROSEMOUNT       | 7,054,284            | 6,272,209   | 8,389,686   | 9,652,540          | 6,666,528     | 10,278,337 | 521,721    | 3,057,500  | 761,880    | 11,584,032  | 64,238,717  | 30.58         | 2,100,677     |
| 160    | ROSEVILLE       | 7,067,775            | 6,456,542   | 8,152,642   | 9,903,125          | 6,804,864     | 11,619,154 | 1,797,036  | 3,158,000  | 88,523     | 12,110,490  | 67,158,151  | 31.58         | 2,126,604     |
| 220    | SARTELL         | 5,539,528            | 4,074,197   | 7,388,048   | 7,281,264          | 4,460,544     | 7,232,587  | 521,719    | 1,892,000  | 319,075    | 8,515,972   | 47,224,934  | 18.92         | 2,496,032     |
| 191    | SAUK RAPIDS     | 3,566,002            | 2,994,759   | 4,352,530   | 4,952,282          | 3,412,992     | 5,493,250  | 985,473    | 1,437,000  | 4,746,150  | 7,026,893   | 38,967,331  | 14.37         | 2,711,714     |
| 211    | SAVAGE          | 7,025,748            | 5,750,988   | 8,849,811   | 9,350,075          | 6,095,232     | 9,969,653  | 579,690    | 2,750,000  | 1,015,840  | 11,305,146  | 62,692,183  | 27.50         | 2,279,716     |

## 2021 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          | 11,018,801           | 8,682,094     | 14,025,235      | 15,067,257         | 9,438,528     | 15,348,222      | 1,449,223     | 4,105,000     | 384,568       | 17,494,169      | 97,013,097      | 41.05         | 2,363,291     |
| 167    | SHOREVIEW         | 4,520,361            | 4,034,898     | 5,369,836       | 6,194,315          | 4,418,304     | 7,238,323       | 956,488       | 1,969,000     | 0             | 7,634,336       | 42,335,861      | 19.69         | 2,150,120     |
| 216    | SHOREWOOD         | 2,175,517            | 1,896,176     | 2,631,101       | 2,953,282          | 1,943,040     | 3,516,904       | 173,907       | 920,000       | 0             | 3,566,185       | 19,776,112      | 9.20          | 2,149,577     |
| 168    | SOUTH ST PAUL     | 5,006,283            | 4,123,837     | 6,149,576       | 6,992,538          | 4,154,304     | 7,446,658       | 637,658       | 1,967,000     | 40,860        | 8,034,115       | 44,552,829      | 19.67         | 2,265,014     |
| 183    | SPRING LAKE PARK  | 1,483,452            | 1,215,484     | 1,871,021       | 1,962,560          | 1,241,856     | 2,221,001       | 0             | 581,000       | 0             | 2,326,803       | 12,903,177      | 5.81          | 2,220,857     |
| 161    | ST ANTHONY        | 1,682,478            | 1,269,083     | 2,231,016       | 2,198,312          | 1,322,112     | 2,177,037       | 724,610       | 595,000       | 700,930       | 2,838,126       | 15,738,704      | 5.95          | 2,645,160     |
| 162    | ST CLOUD          | 19,850,391           | 14,622,513    | 25,991,034      | 27,486,892         | 16,691,136    | 24,541,860      | 10,057,610    | 6,785,000     | 6,556,884     | 33,568,340      | 186,151,660     | 67.85         | 2,743,576     |
| 235    | ST FRANCIS        | 2,303,227            | 2,632,940     | 2,113,004       | 3,561,574          | 2,840,640     | 3,771,115       | 0             | 1,345,000     | 0             | 4,084,855       | 22,652,355      | 13.45         | 1,684,190     |
| 233    | ST JOSEPH         | 1,709,745            | 1,801,027     | 1,736,069       | 2,532,890          | 2,141,568     | 2,832,635       | 231,876       | 908,000       | 0             | 3,056,640       | 16,950,450      | 9.08          | 1,866,790     |
| 163    | ST LOUIS PARK     | 10,465,725           | 7,303,064     | 14,038,470      | 14,562,072         | 8,078,400     | 12,636,000      | 6,231,660     | 3,333,000     | 1,076,065     | 17,099,393      | 94,823,849      | 33.33         | 2,845,000     |
| 227    | ST MICHAEL        | 5,160,363            | 5,030,425     | 5,614,660       | 7,426,930          | 5,928,384     | 9,019,708       | 405,783       | 2,492,000     | 0             | 9,037,213       | 50,115,466      | 24.92         | 2,011,054     |
| 164    | ST PAUL           | 49,806,356           | 35,720,796    | 66,166,079      | 68,871,268         | 38,102,592    | 61,941,443      | 40,085,473    | 16,452,000    | 62,792,018    | 96,786,373      | 536,724,398     | 164.52        | 3,262,366     |
| 184    | ST PAUL PARK      | 1,312,012            | 1,208,688     | 1,521,271       | 1,822,012          | 1,254,528     | 2,071,913       | 0             | 594,000       | 1,429,432     | 2,467,047       | 13,680,903      | 5.94          | 2,303,182     |
| 165    | ST PETER          | 3,458,269            | 3,032,208     | 4,169,038       | 4,700,072          | 3,113,088     | 5,481,783       | 231,876       | 1,474,000     | 0             | 5,645,274       | 31,305,608      | 14.74         | 2,123,854     |
| 228    | STEWARTVILLE      | 842,907              | 929,966       | 797,824         | 1,290,919          | 994,752       | 1,542,468       | 115,938       | 471,000       | 0             | 1,536,872       | 8,522,646       | 4.71          | 1,809,479     |
| 169    | STILLWATER        | 4,583,612            | 3,920,527     | 5,486,279       | 6,456,045          | 4,335,936     | 6,917,211       | 869,534       | 1,887,000     | 74,012        | 7,596,634       | 42,126,790      | 18.87         | 2,232,474     |
| 170    | THIEF RIVER FALLS | 4,014,773            | 3,508,909     | 4,808,715       | 5,502,717          | 3,605,184     | 6,198,536       | 1,043,440     | 1,701,000     | 2,791,746     | 7,298,503       | 40,473,523      | 17.01         | 2,379,396     |
| 209    | VADNAIS HEIGHTS   | 2,104,161            | 1,879,893     | 2,493,779       | 2,888,955          | 1,936,704     | 3,409,868       | 463,752       | 917,000       | 0             | 3,540,704       | 19,634,816      | 9.17          | 2,141,201     |
| 241    | VICTORIA          | 1,632,170            | 1,738,104     | 1,628,947       | 2,439,188          | 1,852,224     | 2,884,244       | 115,938       | 877,000       | 302,938       | 2,963,568       | 16,434,321      | 8.77          | 1,873,925     |
| 171    | VIRGINIA          | 4,337,678            | 3,451,622     | 5,549,976       | 5,702,347          | 3,455,232     | 6,125,907       | 173,907       | 1,636,000     | 174,144       | 6,733,494       | 37,340,307      | 16.36         | 2,282,415     |
| 231    | WACONIA           | 3,749,798            | 3,018,329     | 4,747,235       | 5,059,373          | 3,032,832     | 5,414,886       | 869,533       | 1,436,000     | 36,280        | 6,020,139       | 33,384,405      | 14.36         | 2,324,819     |
| 221    | WAITE PARK        | 2,221,966            | 1,668,450     | 2,852,697       | 3,154,016          | 1,695,936     | 2,614,739       | 1,130,394     | 777,000       | 0             | 3,545,343       | 19,660,541      | 7.77          | 2,530,314     |
| 172    | WASECA            | 1,735,662            | 1,577,218     | 2,019,503       | 2,410,891          | 1,628,352     | 2,933,938       | 115,938       | 771,000       | 0             | 2,902,352       | 16,094,854      | 7.71          | 2,087,530     |
| 173    | WEST ST PAUL      | 3,510,840            | 2,837,685     | 4,489,557       | 4,600,766          | 3,005,376     | 5,164,495       | 724,611       | 1,354,000     | 0             | 5,651,210       | 31,338,540      | 13.54         | 2,314,516     |
| 174    | WHITE BEAR LAKE   | 4,979,012            | 4,320,139     | 6,021,427       | 6,804,997          | 4,422,528     | 7,584,275       | 985,473       | 2,094,000     | 0             | 8,186,609       | 45,398,460      | 20.94         | 2,168,026     |
| 175    | WILLMAR           | 7,523,896            | 5,956,481     | 9,473,112       | 10,476,241         | 6,703,488     | 10,606,138      | 2,028,913     | 2,815,000     | 4,041,229     | 13,117,393      | 72,741,891      | 28.15         | 2,584,081     |
| 176    | WINONA            | 6,744,936            | 4,773,067     | 9,071,576       | 9,101,285          | 4,853,376     | 8,272,364       | 2,086,881     | 2,189,000     | 827,184       | 10,542,322      | 58,461,991      | 21.89         | 2,670,717     |
| 192    | WOODBURY          | 18,143,102           | 13,080,049    | 23,872,333      | 25,619,176         | 15,309,888    | 22,261,606      | 5,622,985     | 6,030,000     | 1,619,539     | 28,942,912      | 160,501,590     | 60.30         | 2,661,718     |
| 177    | WORTHINGTON       | 2,817,054            | 2,438,381     | 3,390,893       | 3,838,326          | 2,487,936     | 4,470,675       | 231,876       | 1,178,000     | 297,206       | 4,653,081       | 25,803,428      | 11.78         | 2,190,444     |
| 248    | WYOMING           | 3,440,723            | 3,255,055     | 3,877,069       | 4,857,068          | 3,391,872     | 5,713,056       | 173,907       | 1,606,000     | 0             | 5,789,246       | 32,103,996      | 16.06         | 1,999,003     |
| 251    | ZIMMERMAN         | 1,154,142            | 1,284,595     | 1,083,643       | 1,772,067          | 1,431,936     | 2,089,116       | 0             | 652,000       | 0             | 2,082,851       | 11,550,350      | 6.52          | 1,771,526     |
| TOTAL  |                   | \$992,559,574        | \$805,124,445 | \$1,238,849,219 | \$1,370,426,911    | \$871,126,080 | \$1,391,323,861 | \$356,595,622 | \$383,377,500 | \$288,873,452 | \$1,693,616,698 | \$9,391,873,362 | 3,833.78      | \$2,449,768   |

Percent of Total Needs - 2021

10.57%

8.57%

13.19%

14.59%

9.28%

14.81%

3.80%

4.08%

3.08%

18.03%

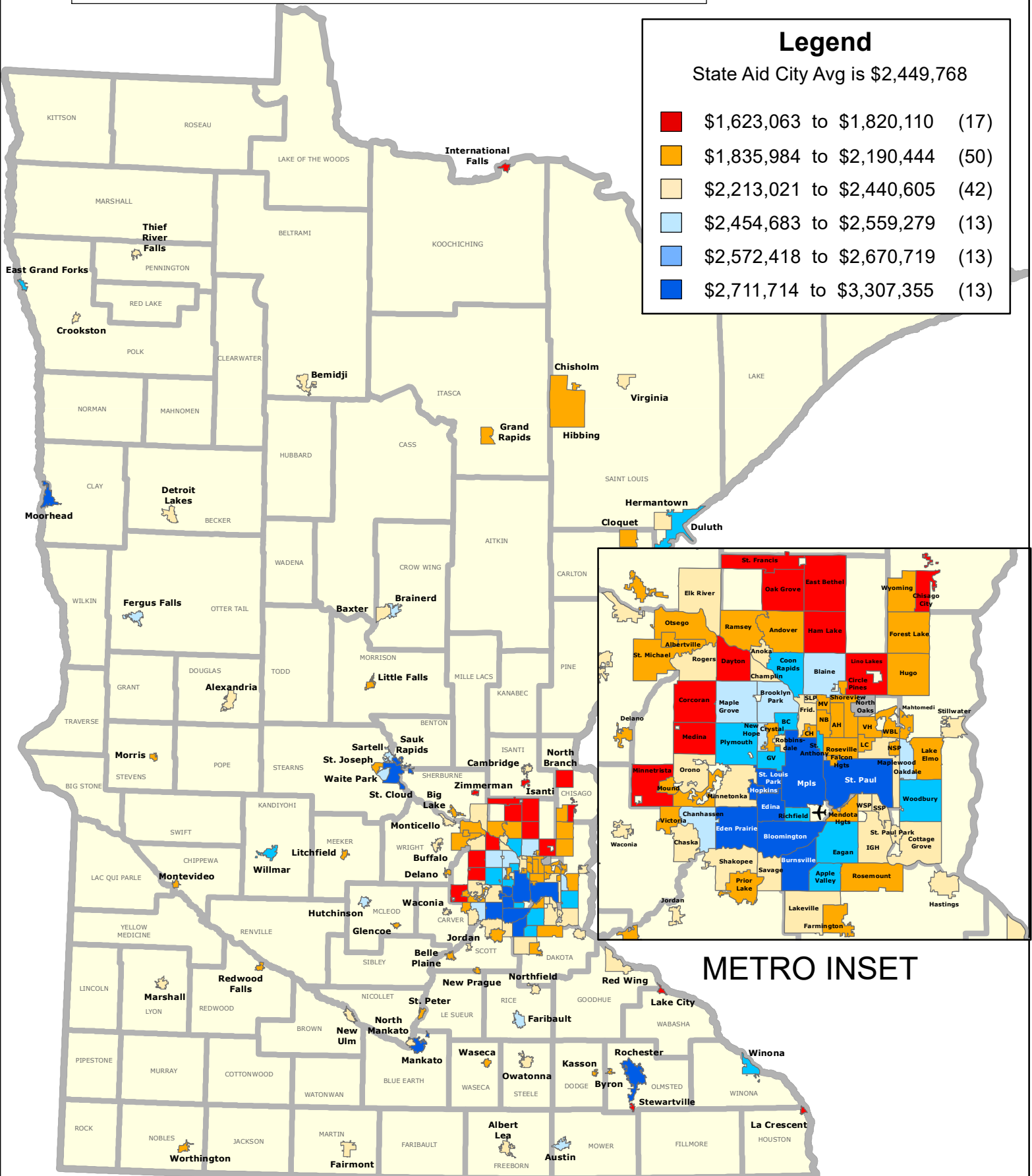


# Needs Costs per Mile for State Aid Cities, 2021

## Legend

State Aid City Avg is \$2,449,768

|  |                            |      |
|--|----------------------------|------|
|  | \$1,623,063 to \$1,820,110 | (17) |
|  | \$1,835,984 to \$2,190,444 | (50) |
|  | \$2,213,021 to \$2,440,605 | (42) |
|  | \$2,454,683 to \$2,559,279 | (13) |
|  | \$2,572,418 to \$2,670,719 | (13) |
|  | \$2,711,714 to \$3,307,355 | (13) |





# COMPARISON OF NEEDS BETWEEN 2020 and 2021

2021 Needs are computed for the January 2022 distribution

| Needs Item                          | 2020                   | 2021                   | Difference             | % increase  |
|-------------------------------------|------------------------|------------------------|------------------------|-------------|
| Grading/Excavation                  | \$883,815,350          | \$992,559,574          | \$108,744,224          | 12.3        |
| Total Storm Sewer                   | 713,861,635            | 805,124,445            | 91,262,810             | 12.8        |
| Gravel Base                         | 987,921,177            | 1,238,849,219          | 250,928,042            | 25.4        |
| Bituminous Surface                  | 1,252,257,780          | 1,370,426,911          | 118,169,131            | 9.4         |
| Curb and Gutter                     | 720,614,704            | 871,126,080            | 150,511,376            | 20.9        |
| Sidewalk Construction               | 1,100,154,897          | 1,391,323,861          | 291,168,964            | 26.5        |
| Traffic Signals                     | 324,903,990            | 356,595,622            | 31,691,632             | 9.8         |
| Street Lighting                     | 381,243,500            | 383,377,500            | 2,134,000              | 0.6         |
| Structures                          | 302,607,584            | 288,873,452            | (13,734,132)           | (4.5)       |
| Engineering                         | 1,466,823,706          | 1,693,616,698          | 226,792,992            | 15.5        |
| <b>Total Unadjusted Money Needs</b> | <b>\$8,134,204,323</b> | <b>\$9,391,873,362</b> | <b>\$1,257,669,039</b> | <b>15.5</b> |
| Total Needs Miles                   | 3,812.44               | 3,833.78               | 21.34                  | 0.6         |
| ATF Right of Way                    | \$81,578,538           | \$78,902,829           | (\$2,675,709)          | (3.3)       |
| ATF Retaining Wall                  | 7,195,352              | 7,303,173              | 107,821                | 1.5         |
| 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\2021 October Book\Comparison of Needs.xls

# 2021 MILEAGE REPORT

The 2021 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 city's local road inventory.

The **Total System Length** reflects an overall increase from last year. This increase of 21 miles is due new MSAS designations and to overall system growth.

Forty-one cities made a change to their system mileage in 2021.

'**Total System Length**' and '**Total 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 3,833.78 miles.

Total System Length for all cities is 3,839.75 miles.

The category '**Total Needs Coded as Common Boundary**' is for shared MSAS roads on corporate limit boundaries. For these roads, two cities are drawing Needs on half the actual roadway length.

- The information on this Mileage Report may also be helpful as you fill out your 2021 Annual Certification of Mileage form (due January 2022). 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 an approved system revision that occurred *after* their Needs were submitted by the spring deadline (but approved by the Commissioner before December 31<sup>st</sup>) those revisions can also be included on your 2021 certification.

# 2021 Mileage Report

MILEAGE  
CERT LINE 16

MILEAGE  
CERT LINE  
4

MILEAGE  
CERT LINE  
7

MILEAGE  
CERT LINE  
2

MILEAGE  
CERT LINE  
6

MILEAGE  
CERT  
COLUMN XI

MILEAGE  
CERT  
COLUMN X

MILEAGE  
CERT  
COLUMN IX

MILEAGE  
CERT LINE 13

| CITY # | MUNICIPALITY     | TOTAL<br>LENGTH<br>OUTSIDE<br>CITY<br>LIMITS | TOTAL <u>NEEDS</u><br>LENGTH CODED<br>AS COMMON<br>BOUNDARY | TOTAL <u>NEEDS</u><br>LENGTH MSB<br>APPROVED<br>ONE WAY | CSAH<br>TURN-<br>BACK | COUNTY<br>ROAD<br>TURN-<br>BACK | TRUNK<br>HWY<br>TURN-<br>BACK | MSAS<br>MILEAGE<br>EXCLUDE<br>TB's | IMPROVED<br>MILEAGE | UN-<br>IMPROVED<br>MILEAGE | NON-<br>EXISITNG<br>MILEAGE | TOTAL<br>NEEDS<br>LENGTH | TOTAL<br>SYSTEM<br>LENGTH |
|--------|------------------|--|---|---|-----------------------|---------------------------------|-------------------------------|------------------------------------|---------------------|----------------------------|-----------------------------|--------------------------|---------------------------|
| 101    | ALBERT LEA       |  |   |   | 0.28                  | 0.90                            | 1.00                          | 22.13                              | 24.31               |                            |                             | 24.31                    | 24.31                     |
| 242    | ALBERTVILLE      |  | 0.90  |   |                       |                                 |                               | 7.69                               | 7.69                |                            |                             | 7.69                     | 7.69                      |
| 102    | ALEXANDRIA       |  |   |   | 4.77                  | 7.07                            | 0.60                          | 20.93                              | 33.14               |                            | 0.23                        | 33.37                    | 33.37                     |
| 198    | ANDOVER          | 0.04   | 1.71  |   |                       | 1.80                            |                               | 42.68                              | 35.79               |                            | 8.73                        | 44.48                    | 44.52                     |
| 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                            |                               | 5.62                               | 6.97                |                            | 0.67                        | 7.64                     | 7.64                      |
| 104    | AUSTIN           |  |   |   |                       |                                 | 4.71                          | 25.70                              | 30.41               |                            |                             | 30.41                    | 30.41                     |
| 230    | BAXTER           |  |   |   |                       |                                 |                               | 17.47                              | 17.47               |                            |                             | 17.47                    | 17.47                     |
| 239    | BELLE PLAINE     |  |   |   |                       |                                 |                               | 9.10                               | 8.58                |                            | 0.52                        | 9.10                     | 9.10                      |
| 105    | BEMIDJI          |  |   |   | 2.30                  |                                 |                               | 18.06                              | 20.36               |                            |                             | 20.36                    | 20.36                     |
| 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                              | 19.10               |                            | 0.80                        | 19.86                    | 19.90                     |
| 109    | BROOKLYN CENTER  |  | 0.94  |   |                       |                                 | 0.52                          | 20.87                              | 21.39               |                            |                             | 21.39                    | 21.39                     |
| 110    | BROOKLYN PARK    |  | 2.95  |   | 1.00                  |                                 | 4.48                          | 55.23                              | 60.71               |                            |                             | 60.71                    | 60.71                     |
| 213    | BUFFALO          | 0.33   |   |   | 1.16                  | 3.24                            |                               | 15.01                              | 19.74               |                            |                             | 19.41                    | 19.74                     |
| 179    | BURNSVILLE       |  |   |   |                       |                                 |                               | 44.89                              | 44.70               |                            | 0.19                        | 44.89                    | 44.89                     |
| 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                          | 44.24                              | 46.99               |                            |                             | 46.99                    | 46.99                     |
| 215    | CORCORAN         |  | 0.51  |   |                       |                                 |                               | 16.26                              | 15.47               |                            | 0.79                        | 16.26                    | 16.26                     |
| 180    | COTTAGE GROVE    |  |   |   |                       | 1.29                            |                               | 37.13                              | 32.98               | 1.09                       | 4.35                        | 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                          | 14.68                              | 25.77               |                            |                             | 25.77                    | 25.77                     |
| 118    | DULUTH           |  |   |   | 0.06                  |                                 | 28.00                         | 89.97                              | 118.03              |                            |                             | 118.03                   | 118.03                    |

# 2021 Mileage Report

MILEAGE  
CERT LINE 16

MILEAGE  
CERT LINE  
4

MILEAGE  
CERT LINE  
7

MILEAGE  
CERT LINE  
2

MILEAGE  
CERT LINE  
6

MILEAGE  
CERT  
COLUMN XI

MILEAGE  
CERT  
COLUMN X

MILEAGE  
CERT  
COLUMN IX

MILEAGE  
CERT LINE 13

| CITY # | MUNICIPALITY        | TOTAL<br>LENGTH<br>OUTSIDE<br>CITY<br>LIMITS | TOTAL <u>NEEDS</u><br>LENGTH CODED<br>AS COMMON<br>BOUNDARY | TOTAL <u>NEEDS</u><br>LENGTH MSB<br>APPROVED<br>ONE WAY | CSAH<br>TURN-<br>BACK | COUNTY<br>ROAD<br>TURN-<br>BACK | TRUNK<br>HWY<br>TURN-<br>BACK | MSAS<br>MILEAGE<br>EXCLUDE<br>TB's | IMPROVED<br>MILEAGE | UN-<br>IMPROVED<br>MILEAGE | NON-<br>EXISITNG<br>MILEAGE | TOTAL<br>NEEDS<br>LENGTH | TOTAL<br>SYSTEM<br>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  |   | 0.26                  | 3.53                            | 1.27                          | 34.33                              | 38.21               |                            | 1.18                        | 39.39                    | 39.39                     |
| 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    | FARIBAUT            | 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                          | 19.01                              | 25.79               |                            |                             | 25.79                    | 25.79                     |
| 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       |  |   |   |                       |                                 |                               | 23.89                              | 23.89               |                            |                             | 23.89                    | 23.89                     |
| 129    | GRAND RAPIDS        |  |   |   |                       | 7.07                            |                               | 19.38                              | 25.76               | 0.64                       | 0.05                        | 26.45                    | 26.45                     |
| 197    | HAM LAKE            |  | 1.67  |   |                       | 0.97                            |                               | 34.26                              | 30.11               |                            | 5.12                        | 35.23                    | 35.23                     |
| 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  |   |                       | 2.64                            |                               | 18.25                              | 20.89               |                            |                             | 20.89                    | 20.89                     |
| 188    | LAKEVILLE           |  |   |   | 2.53                  | 7.29                            |                               | 63.24                              | 69.93               | 1.24                       | 1.89                        | 73.06                    | 73.06                     |
| 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        |  |   |   |                       | 2.01                            | 3.13                          | 15.41                              | 19.88               |                            | 0.67                        | 20.55                    | 20.55                     |
| 219    | MAHTOMEDI           | 0.02   |   |   | 0.85                  | 0.52                            |                               | 8.24                               | 9.63                |                            |                             | 9.61                     | 9.63                      |
| 137    | MANKATO             | 0.87   |   | 0.21  | 1.98                  |                                 | 6.55                          | 32.41                              | 41.38               | 0.64                       |                             | 40.940                   | 42.02                     |

# 2021 Mileage Report

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| CITY # | MUNICIPALITY    | TOTAL<br>LENGTH<br>OUTSIDE<br>CITY<br>LIMITS | TOTAL <u>NEEDS</u><br>LENGTH CODED<br>AS COMMON<br>BOUNDARY | TOTAL <u>NEEDS</u><br>LENGTH MSB<br>APPROVED<br>ONE WAY | CSAH<br>TURN-<br>BACK | COUNTY<br>ROAD<br>TURN-<br>BACK | TRUNK<br>HWY<br>TURN-<br>BACK | MSAS<br>MILEAGE<br>EXCLUDE<br>TB's | IMPROVED<br>MILEAGE | UN-<br>IMPROVED<br>MILEAGE | NON-<br>EXISITNG<br>MILEAGE | TOTAL<br>NEEDS<br>LENGTH | TOTAL<br>SYSTEM<br>LENGTH |
|--------|-----------------|--|---|---|-----------------------|---------------------------------|-------------------------------|------------------------------------|---------------------|----------------------------|-----------------------------|--------------------------|---------------------------|
| 189    | MAPLE GROVE     |  | 1.00  |   |                       |                                 | 0.50                          | 58.56                              | 53.26               |                            | 5.80                        | 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                          | 188.18                             | 205.90              |                            | 0.79                        | 206.69                   | 206.69                    |
| 142    | MINNETONKA      |  | 2.04  |   |                       |                                 |                               | 51.28                              | 51.28               |                            |                             | 51.28                    | 51.28                     |
| 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                            |                               | 13.49                              | 14.73               |                            |                             | 14.73                    | 14.73                     |
| 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    |  |   |   | 0.94                  | 4.52                            |                               | 23.61                              | 28.77               |                            | 0.30                        | 29.07                    | 29.07                     |
| 150    | NORTH MANKATO   |  |   |   | 0.22                  |                                 | 1.90                          | 14.21                              | 16.33               |                            |                             | 16.33                    | 16.33                     |
| 151    | NORTH ST PAUL   |  | 1.25  |   | 2.73                  |                                 |                               | 8.66                               | 11.27               |                            | 0.12                        | 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                            |                               | 25.81                              | 26.97               |                            | 0.39                        | 27.36                    | 27.36                     |
| 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  |   |                       |                                 |                               | 26.87                              | 24.60               |                            | 2.27                        | 26.87                    | 26.87                     |
| 153    | OWATONNA        |  |   |   | 7.36                  | 1.31                            |                               | 25.97                              | 34.64               |                            |                             | 34.64                    | 34.64                     |
| 155    | PLYMOUTH        |  | 1.51  |   | 1.76                  |                                 |                               | 65.56                              | 67.32               |                            |                             | 67.32                    | 67.32                     |
| 201    | PRIOR LAKE      | 0.21   | 0.23  |   | 1.20                  | 0.61                            |                               | 22.27                              | 23.80               |                            | 0.49                        | 24.08                    | 24.29                     |
| 199    | RAMSEY          |  | 0.40  |   |                       | 1.99                            |                               | 35.88                              | 32.97               |                            | 4.90                        | 37.87                    | 37.87                     |
| 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       |  |   |   |                       |                                 |                               | 24.69                              | 24.69               |                            |                             | 24.69                    | 24.69                     |
| 158    | ROBBINSDALE     |  | 0.54  |   |                       |                                 | 0.55                          | 9.50                               | 10.05               |                            |                             | 10.05                    | 10.05                     |
| 159    | ROCHESTER       | 0.33   |   |   | 7.68                  | 4.60                            | 5.54                          | 93.52                              | 110.71              |                            | 0.96                        | 111.34                   | 111.67                    |
| 238    | ROGERS          |  |   |   | 1.83                  |                                 |                               | 20.47                              | 22.30               |                            |                             | 22.30                    | 22.30                     |
| 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                     |

# 2021 Mileage Report

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| CITY # | MUNICIPALITY      | TOTAL<br>LENGTH<br>OUTSIDE<br>CITY<br>LIMITS | TOTAL <u>NEEDS</u><br>LENGTH CODED<br>AS COMMON<br>BOUNDARY | TOTAL <u>NEEDS</u><br>LENGTH MSB<br>APPROVED<br>ONE WAY | CSAH<br>TURN-<br>BACK | COUNTY<br>ROAD<br>TURN-<br>BACK | TRUNK<br>HWY<br>TURN-<br>BACK | MSAS<br>MILEAGE<br>EXCLUDE<br>TB's | IMPROVED<br>MILEAGE | UN-<br>IMPROVED<br>MILEAGE | NON-<br>EXISITNG<br>MILEAGE | TOTAL<br>NEEDS<br>LENGTH | TOTAL<br>SYSTEM<br>LENGTH |
|--------|-------------------|--|---|---|-----------------------|---------------------------------|-------------------------------|------------------------------------|---------------------|----------------------------|-----------------------------|--------------------------|---------------------------|
| 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            |  |   |   | 1.62                  | 2.71                            |                               | 23.17                              | 25.42               |                            | 2.08                        | 27.50                    | 27.50                     |
| 166    | SHAKOPEE          |  | 0.23  |   | 3.15                  | 3.01                            | 0.92                          | 33.97                              | 40.01               |                            | 1.04                        | 41.05                    | 41.05                     |
| 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                            | 3.01                          | 14.88                              | 19.67               |                            |                             | 19.67                    | 19.67                     |
| 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                            | 4.19                          | 56.71                              | 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                  |                                 |                               | 29.79                              | 33.33               |                            |                             | 33.33                    | 33.33                     |
| 227    | ST MICHAEL        | 0.50   | 0.25  |   | 0.18                  | 0.55                            |                               | 24.19                              | 25.42               |                            |                             | 24.92                    | 25.42                     |
| 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                            |                               | 13.46                              | 16.79               | 0.22                       |                             | 17.01                    | 17.01                     |
| 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                              | 21.39               |                            | 0.50                        | 21.89                    | 21.89                     |
| 192    | WOODBURY          |  |   |   |                       |                                 |                               | 60.30                              | 57.51               |                            | 2.79                        | 60.30                    | 60.30                     |
| 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  |                   | 3.66   | 49.42   | 2.31  | 141.24                | 134.06                          | 149.78                        | 3408.70                            | 3742.10             | 5.58                       | 92.07                       | 3833.78                  | 3839.75                   |

# MSAS NEEDS MILEAGE COMPARISON

from 2020 to 2021

| City             | 2020 MSAS<br>Needs<br>Mileage | 2021 MSAS<br>Needs<br>Mileage | Difference in<br>Mileage | City                | 2020 MSAS<br>Needs<br>Mileage | 2021 MSAS<br>Needs<br>Mileage | Difference in<br>Mileage | City              | 2020 MSAS<br>Needs<br>Mileage | 2021 MSAS<br>Needs<br>Mileage | Difference in<br>Mileage |
|------------------|-------------------------------|-------------------------------|--------------------------|---------------------|-------------------------------|-------------------------------|--------------------------|-------------------|-------------------------------|-------------------------------|--------------------------|
| ALBERT LEA       | 24.31                         | 24.31                         |                          | FRIDLEY             | 22.87                         | 22.87                         |                          | ORONO             | 9.45                          | 9.45                          |                          |
| ALBERTVILLE      | 7.69                          | 7.69                          |                          | GLENCOE             | 8.39                          | 8.39                          |                          | OTSEGO            | 25.22                         | 26.87                         | 1.65                     |
| ALEXANDRIA       | 33.37                         | 33.37                         |                          | GOLDEN VALLEY       | 23.74                         | 23.89                         | 0.15                     | OWATONNA          | 34.64                         | 34.64                         |                          |
| ANDOVER          | 43.88                         | 44.48                         | 0.60                     | GRAND RAPIDS        | 26.32                         | 26.45                         | 0.13                     | PLYMOUTH          | 66.78                         | 67.32                         | 0.54                     |
| ANOKA            | 16.56                         | 16.56                         |                          | HAM LAKE            | 35.07                         | 35.23                         | 0.16                     | PRIOR LAKE        | 23.83                         | 24.08                         | 0.25                     |
| APPLE VALLEY     | 37.50                         | 37.50                         |                          | HASTINGS            | 22.61                         | 22.61                         |                          | RAMSEY            | 37.86                         | 37.87                         | 0.01                     |
| ARDEN HILLS      | 7.63                          | 7.64                          | 0.01                     | HERMANTOWN          | 18.54                         | 18.54                         |                          | RED WING          | 24.86                         | 24.86                         |                          |
| AUSTIN           | 30.41                         | 30.41                         |                          | HIBBING             | 54.19                         | 54.19                         |                          | REDWOOD FALLS     | 10.61                         | 10.61                         |                          |
| BAXTER           | 17.46                         | 17.47                         | 0.01                     | HOPKINS             | 9.99                          | 9.99                          |                          | RICHFIELD         | 24.67                         | 24.69                         | 0.02                     |
| BELLE PLAINE     | 9.10                          | 9.10                          |                          | HUGO                | 22.57                         | 22.57                         |                          | ROBBINSDALE       | 10.05                         | 10.05                         |                          |
| BEMIDJI          | 19.01                         | 20.36                         | 1.35                     | HUTCHINSON          | 19.52                         | 19.52                         |                          | ROCHESTER         | 111.14                        | 111.34                        | 0.20                     |
| BIG LAKE         | 11.48                         | 11.48                         |                          | INTERNATIONAL FALLS | 8.39                          | 8.39                          |                          | ROGERS            | 21.80                         | 22.30                         | 0.50                     |
| BLAINE           | 50.71                         | 50.71                         |                          | INVER GROVE HEIGHTS | 35.29                         | 35.29                         |                          | ROSEMOUNT         | 30.575                        | 30.575                        |                          |
| BLOOMINGTON      | 76.12                         | 76.12                         |                          | ISANTI              | 7.08                          | 7.08                          |                          | ROSEVILLE         | 31.58                         | 31.58                         |                          |
| BRAINERD         | 19.86                         | 19.86                         |                          | JORDAN              | 6.10                          | 6.10                          |                          | SARTELL           | 18.92                         | 18.92                         |                          |
| BROOKLYN CENTER  | 21.34                         | 21.39                         | 0.05                     | KASSON              | 6.60                          | 6.60                          |                          | SAUK RAPIDS       | 14.37                         | 14.37                         |                          |
| BROOKLYN PARK    | 60.71                         | 60.71                         |                          | LA CRESCENT         | 5.84                          | 5.84                          |                          | SAVAGE            | 27.29                         | 27.50                         | 0.21                     |
| BUFFALO          | 19.13                         | 19.41                         | 0.28                     | LAKE CITY           | 8.39                          | 8.39                          |                          | SHAKOPEE          | 39.95                         | 41.05                         | 1.10                     |
| BURNSVILLE       | 44.77                         | 44.89                         | 0.12                     | LAKE ELMO           | 19.12                         | 20.89                         | 1.77                     | SHOREVIEW         | 19.69                         | 19.69                         |                          |
| BYRON            | 8.08                          | 8.08                          |                          | LAKEVILLE           | 69.06                         | 73.06                         | 4.00                     | SHOREWOOD         | 9.20                          | 9.20                          |                          |
| CAMBRIDGE        | 16.93                         | 16.93                         |                          | LINO LAKES          | 24.95                         | 24.95                         |                          | SOUTH ST PAUL     | 17.46                         | 19.67                         | 2.21                     |
| CHAMPLIN         | 20.07                         | 20.07                         |                          | LITCHFIELD          | 8.77                          | 8.77                          |                          | SPRING LAKE PARK  | 5.81                          | 5.81                          |                          |
| CHANHASSEN       | 22.76                         | 22.76                         |                          | LITTLE CANADA       | 11.35                         | 11.35                         |                          | ST ANTHONY        | 5.95                          | 5.95                          |                          |
| CHASKA           | 22.94                         | 22.94                         |                          | LITTLE FALLS        | 21.75                         | 20.55                         | (1.20)                   | ST CLOUD          | 67.85                         | 67.85                         |                          |
| CHISAGO CITY     | 8.75                          | 8.75                          |                          | MAHTOMEDI           | 9.56                          | 9.61                          | 0.05                     | ST FRANCIS        | 13.45                         | 13.45                         |                          |
| CHISHOLM         | 8.61                          | 8.61                          |                          | MANKATO             | 40.680                        | 40.94                         | 0.260                    | ST JOSEPH         | 9.08                          | 9.08                          |                          |
| CIRCLE PINES     | 3.60                          | 3.60                          |                          | MAPLE GROVE         | 59.06                         | 59.06                         |                          | ST LOUIS PARK     | 33.14                         | 33.33                         | 0.19                     |
| CLOQUET          | 22.78                         | 22.78                         |                          | MAPLEWOOD           | 36.68                         | 36.68                         |                          | ST MICHAEL        | 23.71                         | 24.92                         | 1.21                     |
| COLUMBIA HEIGHTS | 12.50                         | 12.50                         |                          | MARSHALL            | 19.07                         | 19.07                         |                          | ST PAUL           | 164.52                        | 164.52                        |                          |
| COON RAPIDS      | 46.32                         | 46.99                         | 0.67                     | MEDINA              | 12.59                         | 12.59                         |                          | ST PAUL PARK      | 5.94                          | 5.94                          |                          |
| CORCORAN         | 15.79                         | 16.26                         | 0.47                     | MENDOTA HEIGHTS     | 15.17                         | 15.17                         |                          | ST PETER          | 14.74                         | 14.74                         |                          |
| COTTAGE GROVE    | 38.42                         | 38.42                         |                          | MINNEAPOLIS         | 206.78                        | 206.69                        | (0.09)                   | STEWARTVILLE      | 4.71                          | 4.71                          |                          |
| CROOKSTON        | 11.58                         | 11.58                         |                          | MINNETONKA          | 51.23                         | 51.28                         | 0.05                     | STILLWATER        | 18.87                         | 18.87                         |                          |
| CRYSTAL          | 17.57                         | 17.57                         |                          | MINNETRISTA         | 12.98                         | 12.98                         |                          | THIEF RIVER FALLS | 16.99                         | 17.01                         | 0.02                     |
| DAYTON           | 10.62                         | 10.62                         |                          | MONTEVIDEO          | 8.98                          | 8.98                          |                          | VADNAIS HEIGHTS   | 9.17                          | 9.17                          |                          |
| DELANO           | 6.21                          | 6.21                          |                          | MONTICELLO          | 12.35                         | 14.73                         | 2.38                     | VICTORIA          | 8.77                          | 8.77                          |                          |
| DETROIT LAKES    | 25.42                         | 25.77                         | 0.35                     | MOORHEAD            | 49.89                         | 49.89                         |                          | VIRGINIA          | 16.36                         | 16.36                         |                          |
| DULUTH           | 118.12                        | 118.03                        | (0.09)                   | MORRIS              | 8.79                          | 8.79                          |                          | WACONIA           | 14.36                         | 14.36                         |                          |
| EAGAN            | 49.43                         | 49.43                         |                          | MOUND               | 7.94                          | 7.94                          |                          | WAITE PARK        | 7.77                          | 7.77                          |                          |
| EAST BETHEL      | 29.73                         | 29.73                         |                          | MOUNDS VIEW         | 10.86                         | 10.86                         |                          | WASECA            | 7.71                          | 7.71                          |                          |
| EAST GRAND FORKS | 16.74                         | 16.74                         |                          | NEW BRIGHTON        | 15.27                         | 15.27                         |                          | WEST ST PAUL      | 13.54                         | 13.54                         |                          |
| EDEN PRAIRIE     | 48.61                         | 48.61                         |                          | NEW HOPE            | 12.86                         | 12.86                         |                          | WHITE BEAR LAKE   | 20.94                         | 20.94                         |                          |
| EDINA            | 40.85                         | 40.85                         |                          | NEW PRAGUE          | 9.58                          | 9.58                          |                          | WILLMAR           | 28.15                         | 28.15                         |                          |
| ELK RIVER        | 39.23                         | 39.39                         | 0.16                     | NEW ULM             | 18.01                         | 18.01                         |                          | WINONA            | 21.89                         | 21.89                         |                          |
| FAIRMONT         | 20.12                         | 20.12                         |                          | NORTH BRANCH        | 28.28                         | 29.07                         | 0.79                     | WOODBURY          | 60.15                         | 60.30                         | 0.15                     |
| FALCON HEIGHTS   | 3.29                          | 3.29                          |                          | NORTH MANKATO       | 15.84                         | 16.33                         | 0.49                     | WORTHINGTON       | 11.78                         | 11.78                         |                          |
| FARIBAULT        | 27.97                         | 27.97                         |                          | NORTH ST PAUL       | 11.39                         | 11.39                         |                          | WYOMING           | 16.06                         | 16.06                         |                          |
| FARMINGTON       | 16.95                         | 16.95                         |                          | NORTHFIELD          | 17.06                         | 17.06                         |                          | ZIMMERMAN         | 6.52                          | 6.52                          |                          |
| FERGUS FALLS     | 26.40                         | 25.79                         | (0.61)                   | OAK GROVE           | 26.59                         | 27.36                         | 0.77                     |                   |                               |                               |                          |
| FOREST LAKE      | 33.83                         | 33.83                         |                          | OAKDALE             | 19.31                         | 19.31                         |                          |                   |                               |                               |                          |
|                  |                               |                               |                          |                     |                               |                               |                          | <b>Total</b>      | <b>3,812.44</b>               | <b>3,833.78</b>               | <b>21.34</b>             |

# **2021 CONSTRUCTION NEEDS & 2022 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 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.

- 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 2021)

By applying these adjustments, the "Adjusted 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 2022.

The tentative 2022 Needs allocations in this book are based on the 2021 money needs apportionment of **\$96,505,794**.

The Municipal Screening Board will make their Money Needs recommendation by Nov. 1<sup>st</sup>

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.



## ENDING OF THE PHASE IN PROCESS

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 known that under this new method some cities would see big changes to their new 25 Year Construction Needs figures. To reduce the impact that the new Needs method would have to the corresponding allocations for these cities, the Screening Board voted to implement a **seven-year phase in period**. This "phase-in" (or *restriction*) gave 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 was to last 7 years and end with the January 2021 Apportionment. Therefore, the phase-in period has come to an end and a Needs restriction has not been applied in this report. *(For a full review of the Needs Study Task Force's recommendation to move to a new Needs System, please see the Needs Task Force Decision Chronicle on the MSAS home page):*  
<http://www.dot.state.mn.us/stateaid/msas.html>

The following Screening Board Resolution has expired and will be removed from resolutions. Unless further action from the Screening Board extends the Phase-in period.

### **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.

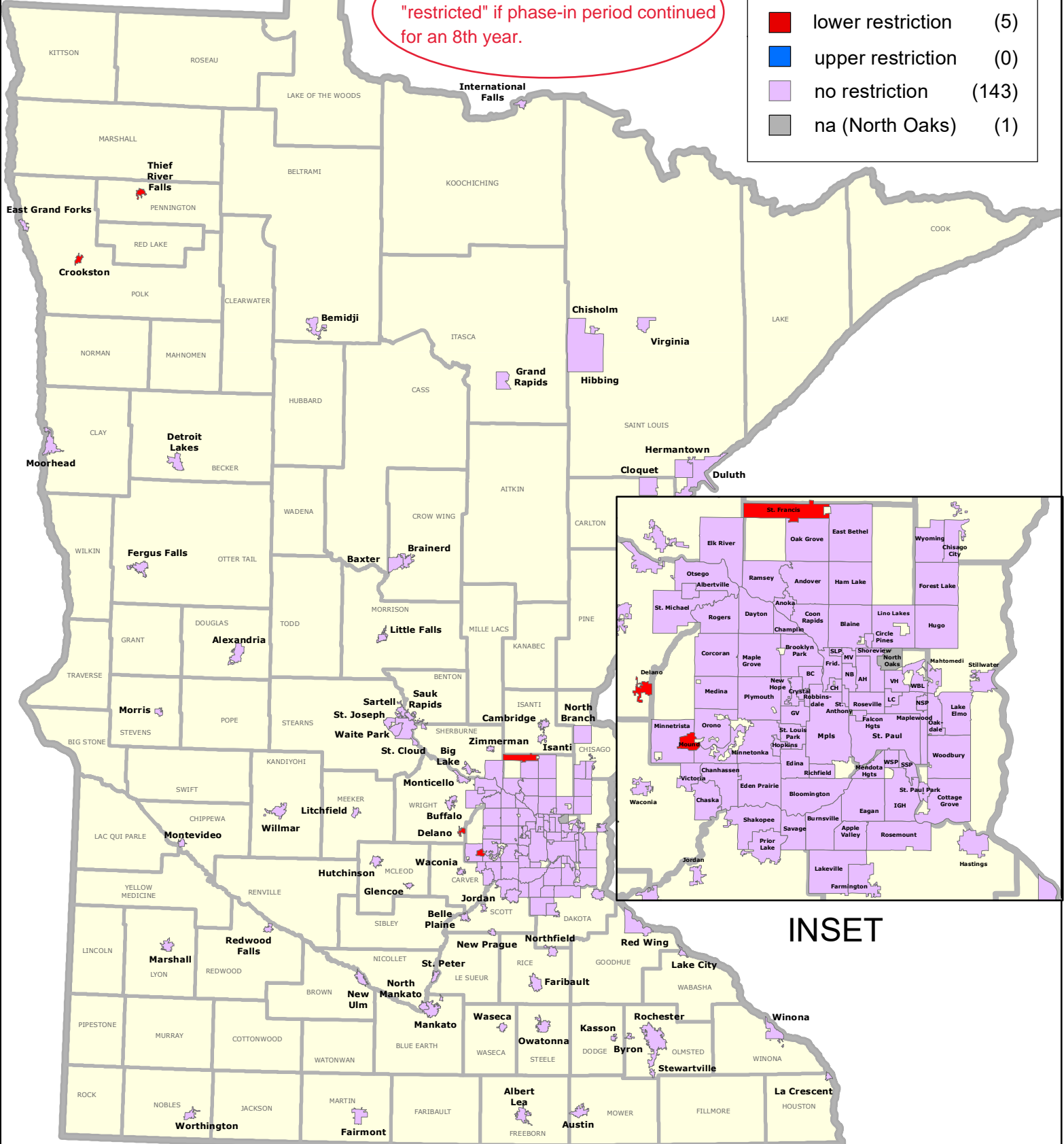
All Needs adjustments will be applied to the city's Restricted Needs

## Restricted Cities, 2021

## Legend

|   |                   |       |
|---|-------------------|-------|
|  | lower restriction | (5)   |
|  | upper restriction | (0)   |
|  | no restriction    | (143) |
|  | na (North Oaks)   | (1)   |

Shows the cities that would still be "restricted" if phase-in period continued for an 8th year.



## INSET

# SAMPLE RESTRICTED NEEDS (PHASE IN) for 2022

Low bandwidth is - 5.00% points from the Statewide Average Percent of Change. State Average Percent of Change is **+15.25%**. (note:  $+15.25 - 5.00 = +10.25$ ) Therefore the current Unadjusted Needs for each city must have a Percentage Change at least **+10.25%** from their Restricted Needs from January 2021.

- 5 cities would receive the Low Restriction
- 3 cities would receive the Upper Restriction
- 140 Cities received No Restriction

*(For sample purposes only. A restriction isn't due to be applied to the 2021 construction Needs)*

|                 | Restricted Needs<br>used for 2021<br>Distribution | Unadjusted<br>Construction<br>Needs for 2022<br>Distribution | Percent<br>Change<br>from 2021<br>to 2022 | Lower<br>Restriction<br>(10.25%) | Upper<br>Restriction<br>(25.25%) | No Restriction | Needs For Jan.<br>2022<br>Distribution |
|-----------------|---|--|---|----------------------------------|----------------------------------|----------------|--|
| Albert Lea      | \$50,361,767                                      | \$57,714,448   | 14.60                                     | \$0                              | \$0                              | \$57,714,448   | <b>\$57,714,448</b>                    |
| Albertville     | 14,300,947  | 16,608,987   | 16.14                                     | 0                                | 0                                | 16,608,987     | <b>16,608,987</b>                      |
| Alexandria      | 66,522,164  | 77,481,361   | 16.47                                     | 0                                | 0                                | 77,481,361     | <b>77,481,361</b>                      |
| Andover         | 69,836,181  | 81,943,765   | 17.34                                     | 0                                | 0                                | 81,943,765     | <b>81,943,765</b>                      |
| Anoka           | 34,917,501  | 39,736,137   | 13.80                                     | 0                                | 0                                | 39,736,137     | <b>39,736,137</b>                      |
| Apple Valley    | 84,896,195  | 98,254,533   | 15.73                                     | 0                                | 0                                | 98,254,533     | <b>98,254,533</b>                      |
| Arden Hills     | 12,741,131  | 14,734,384   | 15.64                                     | 0                                | 0                                | 14,734,384     | <b>14,734,384</b>                      |
| Austin          | 66,933,983  | 76,333,105   | 14.04                                     | 0                                | 0                                | 76,333,105     | <b>76,333,105</b>                      |
| Baxter          | 36,536,636  | 42,453,436   | 16.19                                     | 0                                | 0                                | 42,453,436     | <b>42,453,436</b>                      |
| Belle Plaine    | 17,167,634  | 19,654,869   | 14.49                                     | 0                                | 0                                | 19,654,869     | <b>19,654,869</b>                      |
| Bemidji         | 39,319,355  | 46,920,583   | 19.33                                     | 0                                | 0                                | 46,920,583     | <b>46,920,583</b>                      |
| Big Lake        | 18,215,822  | 21,077,092   | 15.71                                     | 0                                | 0                                | 21,077,092     | <b>21,077,092</b>                      |
| Blaine          | 107,280,587                                       | 124,526,489  | 16.08                                     | 0                                | 0                                | 124,526,489    | <b>124,526,489</b>                     |
| Bloomington     | 190,279,258                                       | 219,395,843  | 15.30                                     | 0                                | 0                                | 219,395,843    | <b>219,395,843</b>                     |
| Brainerd        | 42,941,912  | 48,763,200   | 13.56                                     | 0                                | 0                                | 48,763,200     | <b>48,763,200</b>                      |
| Brooklyn Center | 49,120,243  | 56,575,940   | 15.18                                     | 0                                | 0                                | 56,575,940     | <b>56,575,940</b>                      |
| Brooklyn Park   | 132,170,289                                       | 153,228,046  | 15.93                                     | 0                                | 0                                | 153,228,046    | <b>153,228,046</b>                     |
| Buffalo         | 37,524,673  | 44,297,942   | 18.05                                     | 0                                | 0                                | 44,297,942     | <b>44,297,942</b>                      |
| Burnsville      | 107,146,428                                       | 124,123,041  | 15.84                                     | 0                                | 0                                | 124,123,041    | <b>124,123,041</b>                     |
| Byron           | 14,180,260  | 16,463,900   | 16.10                                     | 0                                | 0                                | 16,463,900     | <b>16,463,900</b>                      |
| Cambridge       | 35,539,289  | 40,723,879   | 14.59                                     | 0                                | 0                                | 40,723,879     | <b>40,723,879</b>                      |
| Champlin        | 41,746,169  | 48,165,405   | 15.38                                     | 0                                | 0                                | 48,165,405     | <b>48,165,405</b>                      |
| Chanhassen      | 48,428,913  | 55,868,583   | 15.36                                     | 0                                | 0                                | 55,868,583     | <b>55,868,583</b>                      |

|                     | Restricted Needs<br>used for 2021<br>Distribution | Unadjusted<br>Construction<br>Needs for 2022<br>Distribution | Percent<br>Change<br>from 2021<br>to 2022 | Lower<br>Restriction<br>(10.25%) | Upper<br>Restriction<br>(25.25%) | No Restriction | Needs For Jan.<br>2022<br>Distribution |
|---------------------|---|--|---|----------------------------------|----------------------------------|----------------|--|
| Chaska              | \$45,610,650                                      | \$52,526,386   | 15.16                                     | \$0                              | \$0                              | \$52,526,386   | <b>\$52,526,386</b>                    |
| Chisago City        | 13,585,508  | 15,695,987   | 15.53                                     | 0                                | 0                                | 15,695,987     | <b>15,695,987</b>                      |
| Chisholm            | 14,335,604  | 16,585,318   | 15.69                                     | 0                                | 0                                | 16,585,318     | <b>16,585,318</b>                      |
| Circle Pines        | 6,061,806   | 7,008,576  | 15.62                                     | 0                                | 0                                | 7,008,576      | <b>7,008,576</b>                       |
| Cloquet             | 40,247,373  | 46,415,962   | 15.33                                     | 0                                | 0                                | 46,415,962     | <b>46,415,962</b>                      |
| Columbia Heights    | 23,309,042  | 27,012,949   | 15.89                                     | 0                                | 0                                | 27,012,949     | <b>27,012,949</b>                      |
| Coon Rapids         | 105,949,279                                       | 123,165,734  | 16.25                                     | 0                                | 0                                | 123,165,734    | <b>123,165,734</b>                     |
| Corcoran            | 24,453,113  | 28,882,740   | 18.11                                     | 0                                | 0                                | 28,882,740     | <b>28,882,740</b>                      |
| Cottage Grove       | 75,483,478  | 87,612,595   | 16.07                                     | 0                                | 0                                | 87,612,595     | <b>87,612,595</b>                      |
| <i>Crookston **</i> | 27,800,884  | 28,262,203   | 1.66                                      | 30,650,475                       | 0                                | 0              | <b>28,262,203</b>                      |
| Crystal             | 31,150,598  | 36,041,726   | 15.70                                     | 0                                | 0                                | 36,041,726     | <b>36,041,726</b>                      |
| Dayton              | 15,637,338  | 18,039,972   | 15.36                                     | 0                                | 0                                | 18,039,972     | <b>18,039,972</b>                      |
| <i>Delano **</i>    | 12,329,510  | 12,728,031   | 3.23                                      | 13,593,284                       | 0                                | 0              | <b>12,728,031</b>                      |
| Detroit Lakes       | 48,792,272  | 57,029,549   | 16.88                                     | 0                                | 0                                | 57,029,549     | <b>57,029,549</b>                      |
| Duluth              | 266,202,523                                       | 305,128,576  | 14.62                                     | 0                                | 0                                | 305,128,576    | <b>305,128,576</b>                     |
| Eagan               | 111,735,795                                       | 129,602,178  | 15.99                                     | 0                                | 0                                | 129,602,178    | <b>129,602,178</b>                     |
| East Bethel         | 41,839,343  | 48,253,657   | 15.33                                     | 0                                | 0                                | 48,253,657     | <b>48,253,657</b>                      |
| East Grand Forks    | 39,049,051  | 43,567,982   | 11.57                                     | 0                                | 0                                | 43,567,982     | <b>43,567,982</b>                      |
| Eden Prairie        | 114,792,335                                       | 132,519,854  | 15.44                                     | 0                                | 0                                | 132,519,854    | <b>132,519,854</b>                     |
| Edina               | 101,204,180                                       | 116,204,681  | 14.82                                     | 0                                | 0                                | 116,204,681    | <b>116,204,681</b>                     |
| Elk River           | 78,443,134  | 91,702,883   | 16.90                                     | 0                                | 0                                | 91,702,883     | <b>91,702,883</b>                      |
| Fairmont            | 40,343,425  | 46,453,422   | 15.14                                     | 0                                | 0                                | 46,453,422     | <b>46,453,422</b>                      |
| Falcon Heights      | 5,719,159   | 6,604,441  | 15.48                                     | 0                                | 0                                | 6,604,441      | <b>6,604,441</b>                       |
| Faribault           | 63,005,986  | 71,583,028   | 13.61                                     | 0                                | 0                                | 71,583,028     | <b>71,583,028</b>                      |
| Farmington          | 31,800,231  | 36,467,882   | 14.68                                     | 0                                | 0                                | 36,467,882     | <b>36,467,882</b>                      |
| Fergus Falls        | 57,662,793  | 64,798,678   | 12.38                                     | 0                                | 0                                | 64,798,678     | <b>64,798,678</b>                      |
| Forest Lake         | 59,580,801  | 69,006,279   | 15.82                                     | 0                                | 0                                | 69,006,279     | <b>69,006,279</b>                      |
| Fridley             | 43,886,221  | 50,876,143   | 15.93                                     | 0                                | 0                                | 50,876,143     | <b>50,876,143</b>                      |
| Glencoe             | 14,913,285  | 17,311,340   | 16.08                                     | 0                                | 0                                | 17,311,340     | <b>17,311,340</b>                      |
| Golden Valley       | 52,338,133  | 61,455,069   | 17.42                                     | 0                                | 0                                | 61,455,069     | <b>61,455,069</b>                      |
| Grand Rapids        | 50,413,922  | 56,675,905   | 12.42                                     | 0                                | 0                                | 56,675,905     | <b>56,675,905</b>                      |
| Ham Lake            | 50,424,092  | 58,307,152   | 15.63                                     | 0                                | 0                                | 58,307,152     | <b>58,307,152</b>                      |
| Hastings            | 46,861,676  | 54,021,973   | 15.28                                     | 0                                | 0                                | 54,021,973     | <b>54,021,973</b>                      |

|                     | Restricted Needs<br>used for 2021<br>Distribution | Unadjusted<br>Construction<br>Needs for 2022<br>Distribution | Percent<br>Change<br>from 2021<br>to 2022 | Lower<br>Restriction<br>(10.25%) | Upper<br>Restriction<br>(25.25%) | No Restriction | Needs For Jan.<br>2022<br>Distribution |
|---------------------|---|--|---|----------------------------------|----------------------------------|----------------|--|
| Hermantown          | \$35,872,915                                      | \$41,576,537   | 15.90                                     | \$0                              | \$0                              | \$41,576,537   | <b>\$41,576,537</b>                    |
| Hibbing             | 88,570,479  | 102,468,918  | 15.69                                     | 0                                | 0                                | 102,468,918    | <b>102,468,918</b>                     |
| Hopkins             | 23,492,580  | 27,108,902   | 15.39                                     | 0                                | 0                                | 27,108,902     | <b>27,108,902</b>                      |
| Hugo                | 37,255,445  | 43,077,452   | 15.63                                     | 0                                | 0                                | 43,077,452     | <b>43,077,452</b>                      |
| Hutchinson          | 43,281,149  | 49,123,895   | 13.50                                     | 0                                | 0                                | 49,123,895     | <b>49,123,895</b>                      |
| International Falls | 13,044,022  | 15,061,883   | 15.47                                     | 0                                | 0                                | 15,061,883     | <b>15,061,883</b>                      |
| Inver Grove Heights | 67,789,150  | 78,347,199   | 15.57                                     | 0                                | 0                                | 78,347,199     | <b>78,347,199</b>                      |
| Isanti              | 10,983,507  | 12,712,850   | 15.74                                     | 0                                | 0                                | 12,712,850     | <b>12,712,850</b>                      |
| Jordan              | 12,123,528  | 13,670,636   | 12.76                                     | 0                                | 0                                | 13,670,636     | <b>13,670,636</b>                      |
| Kasson              | 11,529,115  | 13,236,214   | 14.81                                     | 0                                | 0                                | 13,236,214     | <b>13,236,214</b>                      |
| La Crescent         | 8,957,014   | 10,365,697   | 15.73                                     | 0                                | 0                                | 10,365,697     | <b>10,365,697</b>                      |
| Lake City           | 13,196,805  | 15,258,202   | 15.62                                     | 0                                | 0                                | 15,258,202     | <b>15,258,202</b>                      |
| Lake Elmo           | 33,118,921  | 41,905,694   | 26.53                                     | 0                                | 41,481,449                       | 0              | <b>41,905,694</b>                      |
| Lakeville           | 141,122,567                                       | 171,152,123  | 21.28                                     | 0                                | 0                                | 171,152,123    | <b>171,152,123</b>                     |
| Lino Lakes          | 39,227,780  | 45,411,752   | 15.76                                     | 0                                | 0                                | 45,411,752     | <b>45,411,752</b>                      |
| Litchfield          | 14,893,316  | 16,767,219   | 12.58                                     | 0                                | 0                                | 16,767,219     | <b>16,767,219</b>                      |
| Little Canada       | 20,529,647  | 23,772,815   | 15.80                                     | 0                                | 0                                | 23,772,815     | <b>23,772,815</b>                      |
| Little Falls        | 37,176,695  | 41,145,429   | 10.68                                     | 0                                | 0                                | 41,145,429     | <b>41,145,429</b>                      |
| Mahtomedi           | 15,914,149  | 18,537,944   | 16.49                                     | 0                                | 0                                | 18,537,944     | <b>18,537,944</b>                      |
| Mankato             | 100,460,349                                       | 116,557,236  | 16.02                                     | 0                                | 0                                | 116,557,236    | <b>116,557,236</b>                     |
| Maple Grove         | 129,216,199                                       | 150,017,975  | 16.10                                     | 0                                | 0                                | 150,017,975    | <b>150,017,975</b>                     |
| Maplewood           | 74,092,892  | 84,875,943   | 14.55                                     | 0                                | 0                                | 84,875,943     | <b>84,875,943</b>                      |
| Marshall            | 38,247,397  | 44,391,275   | 16.06                                     | 0                                | 0                                | 44,391,275     | <b>44,391,275</b>                      |
| Medina              | 19,718,827  | 22,797,471   | 15.61                                     | 0                                | 0                                | 22,797,471     | <b>22,797,471</b>                      |
| Mendota Heights     | 28,864,859  | 33,045,004   | 14.48                                     | 0                                | 0                                | 33,045,004     | <b>33,045,004</b>                      |
| Minneapolis         | 605,447,000                                       | 683,597,240  | 12.91                                     | 0                                | 0                                | 683,597,240    | <b>683,597,240</b>                     |
| Minnetonka          | 104,599,792                                       | 121,479,429  | 16.14                                     | 0                                | 0                                | 121,479,429    | <b>121,479,429</b>                     |
| Minnetrista         | 19,487,569  | 22,528,944   | 15.61                                     | 0                                | 0                                | 22,528,944     | <b>22,528,944</b>                      |
| Montevideo          | 15,183,220  | 17,597,131   | 15.90                                     | 0                                | 0                                | 17,597,131     | <b>17,597,131</b>                      |
| Monticello          | 25,130,428  | 34,823,489   | 38.57                                     | 0                                | 31,475,861                       | 0              | <b>34,823,489</b>                      |
| Moorhead            | 132,460,543                                       | 149,131,902  | 12.59                                     | 0                                | 0                                | 149,131,902    | <b>149,131,902</b>                     |
| Morris              | 15,236,963  | 17,674,207   | 16.00                                     | 0                                | 0                                | 17,674,207     | <b>17,674,207</b>                      |
| <i>Mound **</i>     | 14,476,721  | 15,749,658   | 8.79                                      | 15,960,585                       | 0                                | 0              | <b>15,749,658</b>                      |

|                  | Restricted Needs<br>used for 2021<br>Distribution | Unadjusted<br>Construction<br>Needs for 2022<br>Distribution | Percent<br>Change<br>from 2021<br>to 2022 | Lower<br>Restriction<br>(10.25%) | Upper<br>Restriction<br>(25.25%) | No Restriction | Needs For Jan.<br>2022<br>Distribution |
|------------------|---|--|---|----------------------------------|----------------------------------|----------------|--|
| Mounds View      | \$19,045,593                                      | \$22,073,466   | 15.90                                     | \$0                              | \$0                              | \$22,073,466   | \$22,073,466                           |
| New Brighton     | 26,398,512  | 30,492,442   | 15.51                                     | 0                                | 0                                | 30,492,442     | 30,492,442                             |
| New Hope         | 27,537,048  | 31,910,964   | 15.88                                     | 0                                | 0                                | 31,910,964     | 31,910,964                             |
| New Prague       | 16,518,817  | 18,949,393   | 14.71                                     | 0                                | 0                                | 18,949,393     | 18,949,393                             |
| New Ulm          | 35,059,384  | 40,366,950   | 15.14                                     | 0                                | 0                                | 40,366,950     | 40,366,950                             |
| North Branch     | 43,735,985  | 52,478,442   | 19.99                                     | 0                                | 0                                | 52,478,442     | 52,478,442                             |
| North Mankato    | 33,550,171  | 39,791,261   | 18.60                                     | 0                                | 0                                | 39,791,261     | 39,791,261                             |
| North St. Paul   | 20,248,486  | 23,594,319   | 16.52                                     | 0                                | 0                                | 23,594,319     | 23,594,319                             |
| Northfield       | 32,849,169  | 38,123,668   | 16.06                                     | 0                                | 0                                | 38,123,668     | 38,123,668                             |
| Oak Grove        | 39,447,981  | 47,844,254   | 21.28                                     | 0                                | 0                                | 47,844,254     | 47,844,254                             |
| Oakdale          | 41,425,942  | 48,081,485   | 16.07                                     | 0                                | 0                                | 48,081,485     | 48,081,485                             |
| Orono            | 18,431,894  | 21,103,201   | 14.49                                     | 0                                | 0                                | 21,103,201     | 21,103,201                             |
| Otsego           | 42,767,510  | 52,687,962   | 23.20                                     | 0                                | 0                                | 52,687,962     | 52,687,962                             |
| Owatonna         | 72,563,785  | 83,485,818   | 15.05                                     | 0                                | 0                                | 83,485,818     | 83,485,818                             |
| Plymouth         | 153,477,977                                       | 177,804,135  | 15.85                                     | 0                                | 0                                | 177,804,135    | 177,804,135                            |
| Prior Lake       | 42,738,507  | 49,866,216   | 16.68                                     | 0                                | 0                                | 49,866,216     | 49,866,216                             |
| Ramsey           | 61,828,403  | 71,341,956   | 15.39                                     | 0                                | 0                                | 71,341,956     | 71,341,956                             |
| Red Wing         | 51,715,908  | 59,775,690   | 15.58                                     | 0                                | 0                                | 59,775,690     | 59,775,690                             |
| Redwood Falls    | 17,656,849  | 20,244,072   | 14.65                                     | 0                                | 0                                | 20,244,072     | 20,244,072                             |
| Richfield        | 56,466,393  | 65,248,416   | 15.55                                     | 0                                | 0                                | 65,248,416     | 65,248,416                             |
| Robbinsdale      | 20,302,242  | 23,317,211   | 14.85                                     | 0                                | 0                                | 23,317,211     | 23,317,211                             |
| Rochester        | 306,519,959                                       | 349,394,733  | 13.99                                     | 0                                | 0                                | 349,394,733    | 349,394,733                            |
| Rogers           | 42,278,617  | 49,756,990   | 17.69                                     | 0                                | 0                                | 49,756,990     | 49,756,990                             |
| Rosemount        | 55,603,343  | 64,238,717   | 15.53                                     | 0                                | 0                                | 64,238,717     | 64,238,717                             |
| Roseville        | 57,984,633  | 67,158,151   | 15.82                                     | 0                                | 0                                | 67,158,151     | 67,158,151                             |
| Sartell          | 40,729,374  | 47,224,934   | 15.95                                     | 0                                | 0                                | 47,224,934     | 47,224,934                             |
| Sauk Rapids      | 34,722,287  | 38,967,331   | 12.23                                     | 0                                | 0                                | 38,967,331     | 38,967,331                             |
| Savage           | 53,766,327  | 62,692,183   | 16.60                                     | 0                                | 0                                | 62,692,183     | 62,692,183                             |
| Shakopee         | 81,296,338  | 97,013,097   | 19.33                                     | 0                                | 0                                | 97,013,097     | 97,013,097                             |
| Shoreview        | 36,508,848  | 42,335,861   | 15.96                                     | 0                                | 0                                | 42,335,861     | 42,335,861                             |
| Shorewood        | 17,029,194  | 19,776,112   | 16.13                                     | 0                                | 0                                | 19,776,112     | 19,776,112                             |
| South St. Paul   | 32,295,717  | 44,552,829   | 37.95                                     | 0                                | 40,450,386                       | 0              | 44,552,829                             |
| Spring Lake Park | 11,100,759  | 12,903,177   | 16.24                                     | 0                                | 0                                | 12,903,177     | 12,903,177                             |

|                      | Restricted Needs<br>used for 2021<br>Distribution | Unadjusted<br>Construction<br>Needs for 2022<br>Distribution | Percent<br>Change<br>from 2021<br>to 2022 | Lower<br>Restriction<br>(10.25%) | Upper<br>Restriction<br>(25.25%) | No Restriction | Needs For Jan.<br>2022<br>Distribution |
|----------------------|---|--|---|----------------------------------|----------------------------------|----------------|--|
| St. Anthony          | \$13,757,118                                      | \$15,738,704   | 14.40                                     | \$0                              | \$0                              | \$15,738,704   | <b>\$15,738,704</b>                    |
| St. Cloud            | 162,454,324                                       | 186,151,660  | 14.59                                     | 0                                | 0                                | 186,151,660    | <b>186,151,660</b>                     |
| St. Francis **       | 23,267,443  | 22,652,355   | (2.64)                                    | 25,652,356                       | 0                                | 0              | <b>22,652,355</b>                      |
| St. Joseph           | 14,656,811  | 16,950,450   | 15.65                                     | 0                                | 0                                | 16,950,450     | <b>16,950,450</b>                      |
| St. Louis Park       | 81,863,883  | 94,823,849   | 15.83                                     | 0                                | 0                                | 94,823,849     | <b>94,823,849</b>                      |
| St. Michael          | 43,868,171  | 50,115,466   | 14.24                                     | 0                                | 0                                | 50,115,466     | <b>50,115,466</b>                      |
| St. Paul             | 479,548,529                                       | 536,724,398  | 11.92                                     | 0                                | 0                                | 536,724,398    | <b>536,724,398</b>                     |
| St. Paul Park        | 12,129,581  | 13,680,903   | 12.79                                     | 0                                | 0                                | 13,680,903     | <b>13,680,903</b>                      |
| St. Peter            | 26,966,289  | 31,305,608   | 16.09                                     | 0                                | 0                                | 31,305,608     | <b>31,305,608</b>                      |
| Stewartville         | 7,372,111   | 8,522,646  | 15.61                                     | 0                                | 0                                | 8,522,646      | <b>8,522,646</b>                       |
| Stillwater           | 36,299,757  | 42,126,790   | 16.05                                     | 0                                | 0                                | 42,126,790     | <b>42,126,790</b>                      |
| Thief River Falls ** | 36,974,173  | 40,473,523   | 9.46                                      | 40,764,026                       | 0                                | 0              | <b>40,473,523</b>                      |
| Vadnais Heights      | 16,935,480  | 19,634,816   | 15.94                                     | 0                                | 0                                | 19,634,816     | <b>19,634,816</b>                      |
| Victoria             | 14,273,001  | 16,434,321   | 15.14                                     | 0                                | 0                                | 16,434,321     | <b>16,434,321</b>                      |
| Virginia             | 32,233,704  | 37,340,307   | 15.84                                     | 0                                | 0                                | 37,340,307     | <b>37,340,307</b>                      |
| Waconia              | 28,811,037  | 33,384,405   | 15.87                                     | 0                                | 0                                | 33,384,405     | <b>33,384,405</b>                      |
| Waite Park           | 17,037,071  | 19,660,541   | 15.40                                     | 0                                | 0                                | 19,660,541     | <b>19,660,541</b>                      |
| Waseca               | 13,863,209  | 16,094,854   | 16.10                                     | 0                                | 0                                | 16,094,854     | <b>16,094,854</b>                      |
| West St. Paul        | 26,998,803  | 31,338,540   | 16.07                                     | 0                                | 0                                | 31,338,540     | <b>31,338,540</b>                      |
| White Bear Lake      | 39,167,500  | 45,398,460   | 15.91                                     | 0                                | 0                                | 45,398,460     | <b>45,398,460</b>                      |
| Willmar              | 63,713,567  | 72,741,891   | 14.17                                     | 0                                | 0                                | 72,741,891     | <b>72,741,891</b>                      |
| Winona               | 50,583,812  | 58,461,991   | 15.57                                     | 0                                | 0                                | 58,461,991     | <b>58,461,991</b>                      |
| Woodbury             | 138,621,920                                       | 160,501,590  | 15.78                                     | 0                                | 0                                | 160,501,590    | <b>160,501,590</b>                     |
| Worthington          | 22,427,741  | 25,803,428   | 15.05                                     | 0                                | 0                                | 25,803,428     | <b>25,803,428</b>                      |
| Wyoming              | 27,684,084  | 32,103,996   | 15.97                                     | 0                                | 0                                | 32,103,996     | <b>32,103,996</b>                      |
| Zimmerman            | 9,983,677   | 11,550,350   | 15.69                                     | 0                                | 0                                | 11,550,350     | <b>11,550,350</b>                      |
| <b>Total</b>         | <b>\$8,148,866,168</b>                            | <b>\$9,391,873,362</b>                                       | <b>15.25%</b>                             |                                  |                                  |                | <b>\$9,391,873,362</b>                 |

\*\* on the lower restriction since Phase-in began (5 cities)



# Cities with Restricted Needs Since Phase-in started

## Lower Restriction Cities, since 2014

% points *below* the State Aid City Average

(% change has to be **-5.0 % points** under state avg for low restriction to apply)

| CITY                | Year 1,<br>2014-15 | Year 2,<br>2015-16 | Year 3,<br>2016-17 | Year 4,<br>2017-18 | Year 5,<br>2018-19 | Year 6,<br>2019-20 | Year 7,<br>2020-21 | Year 8?,<br>2021-22 | average<br>annual<br>change |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------------------|
| Crookston           | -39.0              | -31.8              | -23.3              | -23.5              | -21.3              | -17.5              | -13.8              | <b>-13.6</b>        | -3.6                        |
| Delano              | -37.2              | -32.4              | -26.1              | -25.2              | -21.2              | -18.0              | -14.2              | <b>-12.0</b>        | -3.6                        |
| Mound ^             | -38.5              | -34.1              | -27.8              | -22.3              | -18.0              | -15.0              | -11.0              | <b>-6.5</b>         | -4.6                        |
| St. Francis         | -39.0              | -33.3              | -28.3              | -22.8              | -18.4              | -24.0              | -20.3              | <b>-17.9</b>        | -3.0                        |
| Thief River Falls ^ | -38.6              | -33.1              | -27.8              | -25.0              | -18.8              | -14.6              | -10.1              | <b>-5.8</b>         | -4.7                        |

^ Estimated that Mound and Thief River Falls would no longer have restricted Needs after 2021-22

highlighted = these cities would still be restricted beyond 2021-22

**NOTE: There is no mandated restriction for 2021-22. Restriction was run for sample purposes.**

## Difference between Unadjusted Needs and Restricted Needs, 2021

| CITY              | Unadjusted Needs<br>2021-22 | Restricted Needs<br>2021-22 | Difference  | % Difference | \$10.17 per<br>\$1000 |
|-------------------|-----------------------------|-----------------------------|-------------|--------------|-----------------------|
| Crookston         | \$28,262,203                | \$30,650,475                | \$2,388,272 | 8.5          | \$24,289              |
| Delano            | \$12,728,031                | \$13,593,284                | \$865,253   | 6.8          | \$8,800               |
| Mound             | \$15,749,658                | \$15,960,585                | \$210,927   | 1.3          | \$2,145               |
| St. Francis       | \$22,652,355                | \$25,652,356                | \$3,000,001 | 13.2         | \$30,510              |
| Thief River Falls | \$40,473,523                | \$40,764,026                | \$290,503   | 0.7          | \$2,954               |



# **Adjustments to the Restricted Construction Needs**



# **EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT**

## **Screening Board Resolutions state:**

The December 31 construction fund balance will be compared to the annual construction allotment from January of the same year. If the December 31 construction fund balance exceeds 3 times the January construction allotment, and the construction fund balance is over \$1,500,000, then the negative adjustment to the Needs will be 1 times the December 31 construction fund balance. In each consecutive year the December 31 construction fund balance exceeds 3 times the January construction allotment (and the balance is over \$1,500,000), the negative adjustment to the Needs will be increased to 2, 3, 4, etc. times the December 31 construction fund balance until such time the Construction Needs are adjusted to zero.

If the December 31 construction fund balance drops below 3 times the January construction allotment and subsequently increases to over 3 times, the multipliers will start over with one.

## **LOW BALANCE INCENTIVE**

## **Screening Board Resolutions state:**

That the amount of the Excess Unencumbered Construction Fund Balance Adjustment shall be redistributed to the Construction Needs of all municipalities whose December 31 construction fund balance is less than one times their January construction allotment of the same year. This redistribution shall be based on a city's prorated share of its Unadjusted Construction Needs to the total Unadjusted Construction Needs of all participating cities times the total Excess Balance Adjustment.

**The September 9, 2021 balance is used for this report. The final adjustment will be made using the December 31, 2021 construction fund balances.**

# EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

## Screening Board Resolutions:

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.

# EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT (revision)

## UCFS recommendation:

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 3 times the average construction allotment for all cities excluding cities of the first class (hereinafter referred to as the adjusted average construction allotment)**, 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 3 times the adjusted average construction allotment**) 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.

**The adjusted average construction allotment used for this purpose shall not decrease in value from one year to the next.**

**A City may request an exemption from said construction fund balance in excess of said limits by submitting a City Resolution requesting an exemption based on a programmed or planned improvement. The request and resolution must be provided to and approved by the State Aid Office by December 15.**

(Therefore, the balance floor for 2021 adjustment is \$2,419,961)

## EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

(using balance floor of \$1,500,000)

| Municipality     | January 2021<br>Construction<br>Allotment | Unencumbered<br>Balance<br>Available<br>(90&90p acct)<br>as of 9/9/2021 | Ratio between<br>Balance &<br>Construction<br>Allotment | First Year of<br>Excess<br>Balance<br>Adjustment | Multiplier | Excess<br>Balance<br>Adjustment | Unadjusted<br>Needs for 2022<br>Distribution | Low<br>Balance<br>Incentive<br>Factor | Low Balance<br>Incentive |
|------------------|---|---|---|--|------------|---------------------------------|--|---------------------------------------|--------------------------|
| Albert Lea       | \$766,856                                 | \$1,463,624   | 1.909   |  |            |                                 |  |                                       |                          |
| Albertville      | 335,035                                   | 701,058   | 2.092   |  |            |                                 |  |                                       |                          |
| Alexandria       | 840,940                                   | (859,905)   | (1.023)   |  |            |                                 | \$77,481,361                                 | 0.0140                                | \$828,642                |
| Andover          | 1,201,093                                 | (78,916)  | (0.066)   |  |            |                                 | 81,943,765                                   | 0.0149                                | 876,366                  |
| Anoka            | 641,245                                   | (2,302,800)   | (3.591)   |  |            |                                 | 39,736,137                                   | 0.0072                                | 424,967                  |
| Apple Valley     | 1,717,448                                 | 3,645,136   | 2.122   |  |            |                                 |  |                                       |                          |
| Arden Hills      | 290,685                                   | (934,670)   | (3.215)   |  |            |                                 | 14,734,384                                   | 0.0027                                | 157,580                  |
| Austin           | 1,300,526                                 | 2,992,507   | 2.301   |  |            |                                 |  |                                       |                          |
| Baxter           | 473,756                                   | (493,744)   | (1.042)   |  |            |                                 | 42,453,436                                   | 0.0077                                | 454,028                  |
| Belle Plaine     | 268,064                                   | 259,452   | 0.968   |  |            |                                 | 19,654,869                                   | 0.0036                                | 210,203                  |
| Bemidji          | 636,864                                   | 1,270,924   | 1.996   |  |            |                                 |  |                                       |                          |
| Big Lake         | 345,668                                   | (124,562)   | (0.360)   |  |            |                                 | 21,077,092                                   | 0.0038                                | 225,414                  |
| Blaine           | 2,203,732                                 | 6,031,722   | 2.737   |  |            |                                 |  |                                       |                          |
| Bloomington      | 2,859,939                                 | 11,319,590  | 3.958   |  | 1          | (11,319,590)                    |  |                                       |                          |
| Brainerd         | 635,963                                   | (2,452,166)   | (3.856)   |  |            |                                 | 48,763,200                                   | 0.0088                                | 521,509                  |
| Brooklyn Center  | 1,015,969                                 | 0   | 0.000   |  |            |                                 | 56,575,940                                   | 0.0103                                | 605,064                  |
| Brooklyn Park    | 2,634,030                                 | 3,586,029   | 1.361   |  |            |                                 |  |                                       |                          |
| Buffalo          | 644,191                                   | 1,700,608   | 2.640   |  |            |                                 |  |                                       |                          |
| Burnsville       | 2,062,673                                 | 3,257,638   | 1.579   |  |            |                                 |  |                                       |                          |
| Byron            | 295,551                                   | 379,568   | 1.284   |  |            |                                 |  |                                       |                          |
| Cambridge        | 589,595                                   | 0   | 0.000   |  |            |                                 | 40,723,879                                   | 0.0074                                | 435,531                  |
| Champlin         | 800,073                                   | (1,143,807)   | (1.430)   |  |            |                                 | 48,165,405                                   | 0.0087                                | 515,116                  |
| Chanhassen       | 894,792                                   | 1,897,578   | 2.121   |  |            |                                 |  |                                       |                          |
| Chaska           | 897,138                                   | 0   | 0.000   |  |            |                                 | 52,526,386                                   | 0.0095                                | 561,755                  |
| Chisago City     | 217,597                                   | 34,763  | 0.160   |  |            |                                 | 15,695,987                                   | 0.0028                                | 167,864                  |
| Chisholm         | 215,237                                   | (756,406)   | (3.514)   |  |            |                                 | 16,585,318                                   | 0.0030                                | 177,375                  |
| Circle Pines     | 181,036                                   | 101,036   | 0.558   |  |            |                                 | 7,008,576                                    | 0.0013                                | 74,955                   |
| Cloquet          | 498,579                                   | 498,015   | 0.999   |  |            |                                 | 46,415,962                                   | 0.0084                                | 496,406                  |
| Columbia Heights | 582,073                                   | 330,793   | 0.568   |  |            |                                 | 27,012,949                                   | 0.0049                                | 288,896                  |
| Coon Rapids      | 2,568,160                                 | (1,098,117)   | (0.428)   |  |            |                                 | 123,165,734                                  | 0.0223                                | 1,317,223                |
| Corcoran *       | 278,827                                   | 2,059,910   | 7.388   |  | 1          | (2,059,910)                     |  |                                       |                          |
| Cottage Grove    | 1,739,345                                 | (1,056,417)   | (0.607)   |  |            |                                 | 87,612,595                                   | 0.0159                                | 936,992                  |
| Crookston *      | 387,445                                   | 1,562,577   | 4.033   |  | 1          | (1,562,577)                     |  |                                       |                          |
| Crystal          | 689,517                                   | (260,562)   | (0.378)   |  |            |                                 | 36,041,726                                   | 0.0065                                | 385,456                  |
| Dayton           | 260,632                                   | (1,091,809)   | (4.189)   |  |            |                                 | 18,039,972                                   | 0.0033                                | 192,932                  |

| Municipality        | January 2021<br>Construction<br>Allotment | Unencumbered<br>Balance<br>Available<br>(90&90p acct)<br>as of 9/9/2021 | Ratio between<br>Balance &<br>Construction<br>Allotment | First Year of<br>Excess<br>Balance<br>Adjustment | Multiplier | Excess<br>Balance<br>Adjustment | Unadjusted<br>Needs for 2022<br>Distribution | Low<br>Balance<br>Incentive<br>Factor | Low Balance<br>Incentive |
|---------------------|---|---|---|--|------------|---------------------------------|--|---------------------------------------|--------------------------|
| Delano              | \$222,272                                 | (\$681,261)   | (3.065)   |  |            |                                 | \$12,728,031                                 | 0.0023                                | \$136,123                |
| Detroit Lakes       | 603,103                                   | (599,877)   | (0.995)   |  |            |                                 | 57,029,549                                   | 0.0103                                | 609,915                  |
| Duluth              | 3,728,742                                 | 0   | 0.000   |  |            |                                 | \$305,128,576                                | 0.0553                                | 3,263,265                |
| Eagan               | 2,891,636                                 | 85,530  | 0.030   |  |            |                                 | 129,602,178                                  | 0.0235                                | 1,386,059                |
| East Bethel         | 591,964                                   | 519,125   | 0.877   |  |            |                                 | 48,253,657                                   | 0.0087                                | 516,059                  |
| East Grand Forks    | 410,141                                   | 925,513   | 2.257   |  |            |                                 |  |                                       |                          |
| Eden Prairie        | 2,398,085                                 | 2,885,525   | 1.203   |  |            |                                 |  |                                       |                          |
| Edina               | 1,840,481                                 | 2,931,205   | 1.593   |  |            |                                 |  |                                       |                          |
| Elk River           | 1,150,330                                 | 3,929,742   | 3.416   |  | 1          | (3,929,742)                     |  |                                       |                          |
| Fairmont            | 544,903                                   | (1,455,096)   | (2.670)   |  |            |                                 | 46,453,422                                   | 0.0084                                | 496,806                  |
| Falcon Heights      | 147,515                                   | 453,626   | 3.075   | No Adjustment / balance under 1.5 million        |            |                                 |  |                                       |                          |
| Faribault           | 981,853                                   | 673,770   | 0.686   |  |            |                                 | 71,583,028                                   | 0.0130                                | 765,561                  |
| Farmington          | 600,051                                   | 706,092   | 1.177   |  |            |                                 |  |                                       |                          |
| Fergus Falls        | 758,811                                   | 1,106,420   | 1.458   |  |            |                                 |  |                                       |                          |
| Forest Lake         | 894,868                                   | 173,415   | 0.194   |  |            |                                 | 69,006,279                                   | 0.0125                                | 738,003                  |
| Fridley             | 788,831                                   | 669,081   | 0.848   |  |            |                                 | 50,876,143                                   | 0.0092                                | 544,106                  |
| Glencoe             | 256,802                                   | (655,282)   | (2.552)   |  |            |                                 | 17,311,340                                   | 0.0031                                | 185,140                  |
| Golden Valley       | 821,957                                   | 2,045,443   | 2.489   |  |            |                                 |  |                                       |                          |
| Grand Rapids        | 621,352                                   | 860,744   | 1.385   |  |            |                                 |  |                                       |                          |
| Ham Lake            | 749,888                                   | (621,550)   | (0.829)   |  |            |                                 | 58,307,152                                   | 0.0106                                | 623,579                  |
| Hastings            | 821,847                                   | 691,800   | 0.842   |  |            |                                 | 54,021,973                                   | 0.0098                                | 577,750                  |
| Hermantown          | 584,751                                   | 576,262   | 0.985   |  |            |                                 | 41,576,537                                   | 0.0075                                | 444,650                  |
| Hibbing             | 1,033,663                                 | 0   | 0.000   |  |            |                                 | 102,468,918                                  | 0.0186                                | 1,095,877                |
| Hopkins             | 555,658                                   | 0   | 0.000   |  |            |                                 | 27,108,902                                   | 0.0049                                | 289,922                  |
| Hugo                | 602,122                                   | 602,122   | 1.000   |  |            |                                 |  |                                       |                          |
| Hutchinson          | 817,784                                   | 1,664,329   | 2.035   |  |            |                                 |  |                                       |                          |
| International Falls | 293,186                                   | (2,952)   | (0.010)   |  |            |                                 | 15,061,883                                   | 0.0027                                | 161,083                  |
| Inver Grove Heights | 1,234,774                                 | 227,991   | 0.185   |  |            |                                 | 78,347,199                                   | 0.0142                                | 837,902                  |
| Isanti              | 207,817                                   | (888,503)   | (4.275)   |  |            |                                 | 12,712,850                                   | 0.0023                                | 135,960                  |
| Jordan              | 222,546                                   | (868,740)   | (3.904)   |  |            |                                 | 13,670,636                                   | 0.0025                                | 146,204                  |
| Kasson              | 218,961                                   | 1,379,062   | 6.298   | No Adjustment / balance under 1.5 million        |            |                                 |  |                                       |                          |
| LaCrescent          | 171,538                                   | 519,555   | 3.029   | No Adjustment / balance under 1.5 million        |            |                                 |  |                                       |                          |
| Lake City           | 208,396                                   | 605,257   | 2.904   |  |            |                                 |  |                                       |                          |
| Lake Elmo           | 491,328                                   | 0   | 0.000   |  |            |                                 | 41,905,694                                   | 0.0076                                | 448,170                  |
| Lakeville           | 2,966,883                                 | 2,704,510   | 0.912   |  |            |                                 | 171,152,123                                  | 0.0310                                | 1,830,424                |
| Lino Lakes          | 739,609                                   | 303,964   | 0.411   |  |            |                                 | 45,411,752                                   | 0.0082                                | 485,666                  |
| Litchfield          | 252,038                                   | (795,094)   | (3.155)   |  |            |                                 | 16,767,219                                   | 0.0030                                | 179,321                  |
| Little Canada       | 369,319                                   | (1,766)   | (0.005)   |  |            |                                 | 23,772,815                                   | 0.0043                                | 254,244                  |
| Little Falls        | 628,824                                   | 2,718,908   | 4.324   |  | 1          | (2,718,908)                     |  |                                       |                          |

| Municipality    | January 2021<br>Construction<br>Allotment | Unencumbered<br>Balance<br>Available<br>(90&90p acct)<br>as of 9/9/2021 | Ratio between<br>Balance &<br>Construction<br>Allotment | First Year of<br>Excess<br>Balance<br>Adjustment | Multiplier | Excess<br>Balance<br>Adjustment | Unadjusted<br>Needs for 2022<br>Distribution | Low<br>Balance<br>Incentive<br>Factor | Low Balance<br>Incentive |
|-----------------|---|---|---|--|------------|---------------------------------|--|---------------------------------------|--------------------------|
| Mahtomedi       | \$283,066                                 | \$162,846   | 0.575   |  |            |                                 | \$18,537,944                                 | 0.0034                                | 198,258                  |
| Mankato         | 1,675,807                                 | 0   | 0.000   |  |            |                                 | \$116,557,236                                | 0.0211                                | \$1,246,547              |
| Maple Grove     | 2,351,494                                 | 429,084   | 0.182   |  |            |                                 | 150,017,975                                  | 0.0272                                | 1,604,401                |
| Maplewood       | 1,565,105                                 | 0   | 0.000   |  |            |                                 | 84,875,943                                   | 0.0154                                | 907,725                  |
| Marshall        | 759,352                                   | (2,915,531)   | (3.839)   |  |            |                                 | 44,391,275                                   | 0.0080                                | 474,752                  |
| Medina          | 294,463                                   | 547,142   | 1.858   |  |            |                                 |  |                                       |                          |
| Mendota Heights | 463,576                                   | 497,975   | 1.074   |  |            |                                 |  |                                       |                          |
| Minneapolis     | 11,358,374                                | 7,695,555   | 0.678   |  |            |                                 | 683,597,240                                  | 0.1239                                | 7,310,883                |
| Minnetonka      | 1,863,235                                 | 1,410,644   | 0.757   |  |            |                                 | 121,479,429                                  | 0.0220                                | 1,299,189                |
| Minnetrista     | 317,285                                   | 752,755   | 2.372   |  |            |                                 |  |                                       |                          |
| Montevideo      | 292,323                                   | 219,749   | 0.752   |  |            |                                 | 17,597,131                                   | 0.0032                                | 188,196                  |
| Monticello      | 471,685                                   | (1,340,748)   | (2.842)   |  |            |                                 | 34,823,489                                   | 0.0063                                | 372,428                  |
| Moorhead        | 1,998,704                                 | 1,978,129   | 0.990   |  |            |                                 | 149,131,902                                  | 0.0270                                | 1,594,924                |
| Morris          | 232,051                                   | 662,480   | 2.855   |  |            |                                 |  |                                       |                          |
| Mound           | 295,910                                   | 6,695   | 0.023   |  |            |                                 | 15,749,658                                   | 0.0029                                | 168,438                  |
| Mounds View     | 408,790                                   | 0   | 0.000   |  |            |                                 | 22,073,466                                   | 0.0040                                | 236,070                  |
| New Brighton    | 651,330                                   | 148,785   | 0.228   |  |            |                                 | 30,492,442                                   | 0.0055                                | 326,108                  |
| New Hope        | 641,860                                   | (778,521)   | (1.213)   |  |            |                                 | 31,910,964                                   | 0.0058                                | 341,279                  |
| New Prague      | 292,487                                   | 495,718   | 1.695   |  |            |                                 |  |                                       |                          |
| New Ulm         | 706,821                                   | 642,533   | 0.909   |  |            |                                 | 40,366,950                                   | 0.0073                                | 431,713                  |
| North Branch    | 575,436                                   | 2,598   | 0.005   |  |            |                                 | 52,478,442                                   | 0.0095                                | 561,242                  |
| North Mankato   | 523,033                                   | (2,325,122)   | (4.445)   |  |            |                                 | 39,791,261                                   | 0.0072                                | 425,556                  |
| North St. Paul  | 399,027                                   | (1,797,523)   | (4.505)   |  |            |                                 | 23,594,319                                   | 0.0043                                | 252,335                  |
| Northfield      | 654,621                                   | (2,467,340)   | (3.769)   |  |            |                                 | 38,123,668                                   | 0.0069                                | 407,722                  |
| Oak Grove       | 510,759                                   | 841,564   | 1.648   |  |            |                                 |  |                                       |                          |
| Oakdale         | 876,778                                   | (562,198)   | (0.641)   |  |            |                                 | 48,081,485                                   | 0.0087                                | 514,218                  |
| Orono           | 286,943                                   | 316,274   | 1.102   |  |            |                                 |  |                                       |                          |
| Otsego          | 713,726                                   | (2,910,929)   | (4.078)   |  |            |                                 | 52,687,962                                   | 0.0095                                | 563,483                  |
| Owatonna        | 1,351,087                                 | 1,724,932   | 1.277   |  |            |                                 |  |                                       |                          |
| Plymouth        | 2,790,214                                 | 87,709  | 0.031   |  |            |                                 | 177,804,135                                  | 0.0322                                | 1,901,566                |
| Prior Lake      | 746,640                                   | 161,868   | 0.217   |  |            |                                 | 49,866,216                                   | 0.0090                                | 533,305                  |
| Ramsey          | 1,031,914                                 | 2,092,398   | 2.028   |  |            |                                 |  |                                       |                          |
| Red Wing        | 652,610                                   | 407,012   | 0.624   |  |            |                                 | 59,775,690                                   | 0.0108                                | 639,284                  |
| Redwood Falls   | 252,356                                   | 360,742   | 1.429   |  |            |                                 |  |                                       |                          |
| Richfield       | 1,173,670                                 | (2,570,571)   | (2.190)   |  |            |                                 | 65,248,416                                   | 0.0118                                | 697,814                  |
| Robbinsdale *   | 441,645                                   | 1,965,201   | 4.450   |  | 1          | (1,965,201)                     |  |                                       |                          |
| Rochester       | 5,271,283                                 | 11,937,690  | 2.265   |  |            |                                 |  |                                       |                          |
| Rogers *        | 607,736                                   | 2,120,967   | 3.490   |  | 1          | (2,120,967)                     |  |                                       |                          |
| Rosemount       | 940,244                                   | 1,489,629   | 1.584   |  |            |                                 |  |                                       |                          |

| Municipality      | January 2021<br>Construction<br>Allotment | Unencumbered<br>Balance<br>Available<br>(90&90p acct)<br>as of 9/9/2021 | Ratio between<br>Balance &<br>Construction<br>Allotment | First Year of<br>Excess<br>Balance<br>Adjustment | Multiplier | Excess<br>Balance<br>Adjustment | Unadjusted<br>Needs for 2022<br>Distribution | Low<br>Balance<br>Incentive<br>Factor | Low Balance<br>Incentive |
|-------------------|---|---|---|--|------------|---------------------------------|--|---------------------------------------|--------------------------|
| Roseville         | \$1,164,834                               | \$2,250,967   | 1.932   |  |            |                                 |  |                                       |                          |
| Sartell           | 920,248                                   | (4,000,000)   | (4.347)   |  |            |                                 | 47,224,934                                   | 0.0086                                | 505,058                  |
| Sauk Rapids       | 729,135                                   | 314,968   | 0.432   |  |            |                                 | 38,967,331                                   | 0.0071                                | 416,745                  |
| Savage            | 1,359,925                                 | (1,339,457)   | (0.985)   |  |            |                                 | 62,692,183                                   | 0.0114                                | 670,476                  |
| Shakopee          | 1,455,904                                 | 2,428,247   | 1.668   |  |            |                                 |  |                                       |                          |
| Shoreview         | 797,614                                   | (3,202,386)   | (4.015)   |  |            |                                 | 42,335,861                                   | 0.0077                                | 452,770                  |
| Shorewood         | 291,504                                   | 997,252   | 3.421   | No Adjustment / balance under 1.5 million        |            |                                 |  |                                       |                          |
| South Saint Paul  | 654,761                                   | 712,667   | 1.088   |  |            |                                 |  |                                       |                          |
| Spring Lake Park  | 217,170                                   | 217,170   | 1.000   |  |            |                                 |  |                                       |                          |
| St. Anthony       | 281,962                                   | (1,209,263)   | (4.289)   |  |            |                                 | 15,738,704                                   | 0.0029                                | 168,321                  |
| St Cloud          | 2,677,689                                 | 5,077   | 0.002   |  |            |                                 | 186,151,660                                  | 0.0337                                | 1,990,840                |
| St Francis        | 348,290                                   | 489,305   | 1.405   |  |            |                                 |  |                                       |                          |
| St Joseph         | 261,913                                   | 497,834   | 1.901   |  |            |                                 |  |                                       |                          |
| St Louis Park     | 1,247,635                                 | 1,031,819   | 0.827   |  |            |                                 | 94,823,849                                   | 0.0172                                | 1,014,115                |
| St Michael        | 709,670                                   | 21,261  | 0.030   |  |            |                                 | 50,115,466                                   | 0.0091                                | 535,971                  |
| St Paul           | 9,599,431                                 | 28,988,585  | 3.020   |  | 1          | (28,988,585)                    |  |                                       |                          |
| St Paul Park      | 207,175                                   | 207,175   | 1.000   |  |            |                                 |  |                                       |                          |
| St Peter          | 515,090                                   | 984,467   | 1.911   |  |            |                                 |  |                                       |                          |
| Stewartville      | 177,004                                   | 515,932   | 2.915   |  |            |                                 |  |                                       |                          |
| Stillwater        | 672,071                                   | 777,468   | 1.157   |  |            |                                 |  |                                       |                          |
| Thief River Falls | 496,856                                   | (1,417,583)   | (2.853)   |  |            |                                 | 40,473,523                                   | 0.0073                                | 432,853                  |
| Vadnais Heights   | 387,160                                   | 601,939   | 1.555   |  |            |                                 |  |                                       |                          |
| Victoria          | 314,448                                   | 1,451,127   | 4.615   | No Adjustment / balance under 1.5 million        |            |                                 |  |                                       |                          |
| Virginia          | 438,762                                   | 1,207,846   | 2.753   |  |            |                                 |  |                                       |                          |
| Waconia *         | 490,237                                   | 1,971,424   | 4.021   |  | 1          | (1,971,424)                     |  |                                       |                          |
| Waite Park        | 383,693                                   | 1,213,185   | 3.162   | No Adjustment / balance under 1.5 million        |            |                                 |  |                                       |                          |
| Waseca            | 291,769                                   | 277,318   | 0.950   |  |            |                                 | 16,094,854                                   | 0.0029                                | 172,130                  |
| West St Paul      | 617,037                                   | 1,078,747   | 1.748   |  |            |                                 |  |                                       |                          |
| White Bear Lake   | 804,042                                   | 0   | 0.000   |  |            |                                 | 45,398,460                                   | 0.0082                                | 485,524                  |
| Willmar           | 920,953                                   | 600,575   | 0.652   |  |            |                                 | 72,741,891                                   | 0.0132                                | 777,954                  |
| Winona            | 937,585                                   | 1,814,859   | 1.936   |  |            |                                 |  |                                       |                          |
| Woodbury          | 2,505,180                                 | (3,999,820)   | (1.597)   |  |            |                                 | 160,501,590                                  | 0.0291                                | 1,716,520                |
| Worthington *     | 484,722                                   | 2,372,745   | 4.895   |  | 1          | (2,372,745)                     |  |                                       |                          |
| Wyoming           | 388,421                                   | 0   | 0.000   |  |            |                                 | 32,103,996                                   | 0.0058                                | 343,343                  |
| Zimmerman         | 247,739                                   | (838,127)   | (3.383)   |  |            |                                 | 11,550,350                                   | 0.0021                                | 123,528                  |
| <b>Total</b>      | <b>\$146,115,972</b>                      | <b>\$112,341,034</b>  |   |  |            | <b>(\$59,009,649)</b>           | <b>\$5,517,641,819</b>                       | <b>1.0000</b>                         | <b>\$59,009,649</b>      |

\* would not receive negative adjustment if balance floor changed to \$2,419,961

# NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

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

19-Jul-21

| Municipality     | Total<br>Right-of-Way<br>Expenditures<br>for 2021<br>Allocations | + | New<br>Right-of-Way<br>Expenditures<br>for 2022<br>Allocation | + | Expired<br>Right-of-Way<br>Expenditures<br>in 2021 | = | Total<br>Right-of-Way<br>Expenditures<br>for 2022<br>Allocations |
|------------------|--|---|---|---|--|---|--|
| Albert Lea       |  |   |   |   |  |   |  |
| Albertville      |  |   |   |   |  |   |  |
| Alexandria       | \$400,118  |   |   |   |  |   | \$400,118  |
| Andover          | 13,320   |   |   |   |  |   | 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 *    | 1,542,986  |   | \$3,500   |   | (1,366,671)  |   | 179,815  |
| Brainerd         | 1,255,447  |   |   |   | (13,128)   |   | 1,242,319  |
| Brooklyn Center  |  |   |   |   |  |   |  |
| Brooklyn Park    | 44,385   |   |   |   |  |   | 44,385   |
| Buffalo          | 1,550,985  |   |   |   | (172,863)  |   | 1,378,122  |
| 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           | 200,000  |   |   |   |  |   | 200,000  |
| Detroit Lakes    | 51,476   |   |   |   |  |   | 51,476   |
| Duluth           | 2,506,670  |   |   |   | (37,937)   |   | 2,468,733  |
| Eagan            | 4,372,885  |   |   |   |  |   | 4,372,885  |
| East Bethel      | 774,783  |   |   |   | (12,571)   |   | 762,212  |
| East Grand Forks | 141,624  |   |   |   |  |   | 141,624  |
| Eden Prairie     | 1,224,689  |   |   |   |  |   | 1,224,689  |
| Edina            |  |   |   |   |  |   |  |
| Elk River        | 1,181,008  |   |   |   |  |   | 1,181,008  |
| Fairmont         |  |   |   |   |  |   |  |
| Falcon Heights   |  |   |   |   |  |   |  |
| Faribault        | 145,310  |   |   |   |  |   | 145,310  |
| Farmington       |  |   | 110,282   |   |  |   | 110,282  |



| <b>Municipality</b> | <b>Total<br/>Right-of-Way<br/>Expenditures<br/>for 2021<br/>Allocations</b> | <b>+</b> | <b>New<br/>Right-of-Way<br/>Expenditures<br/>for 2022<br/>Allocation</b> | <b>+</b> | <b>Expired<br/>Right-of-Way<br/>Expenditures<br/>in 2021</b> | <b>=</b> | <b>Total<br/>Right-of-Way<br/>Expenditures<br/>for 2022<br/>Allocations</b> |
|---------------------|---|----------|--|----------|--|----------|---|
| Fergus Falls        | \$318,549   |          |  |          |  |          | \$318,549   |
| Forest Lake         |   |          |  |          |  |          |   |
| Fridley             |   |          |  |          |  |          |   |
| Glencoe             |   |          | \$157,437  |          |  |          | 157,437   |
| Golden Valley       |   |          |  |          |  |          |   |
| Grand Rapids        | 2,333,201   |          |  |          |  |          | 2,333,201   |
| Ham Lake            | 973,082   |          | \$231,024  |          | (\$12,559)   |          | 1,191,547   |
| Hastings            |   |          |  |          |  |          |   |
| Hermantown          | 75,976  |          |  |          |  |          | 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           |   |          |  |          |  |          |   |
| Lake Elmo           | 232,821   |          |  |          |  |          | 232,821   |
| Lakeville *         | 985,479   |          |  |          | 30,325   |          | 1,015,804   |
| Lino Lakes          | 244,162   |          |  |          |  |          | 244,162   |
| Litchfield          |   |          |  |          |  |          |   |
| Little Canada       |   |          |  |          |  |          |   |
| Little Falls        | 1,103,195   |          |  |          | (615,890)  |          | 487,305   |
| Mahtomedi           |   |          |  |          |  |          |   |
| Mankato             | 52,197  |          |  |          |  |          | 52,197  |
| Maple Grove         |   |          |  |          |  |          |   |
| Maplewood           | 2,056,960   |          |  |          |  |          | 2,056,960   |
| Marshall            | 302,397   |          |  |          |  |          | 302,397   |
| Medina              |   |          |  |          |  |          |   |
| Mendota Heights     | 22,146  |          |  |          | (5,310)  |          | 16,836  |
| Minneapolis *       | 181,087   |          |  |          | (181,087)  |          |   |
| Minnetonka          |   |          |  |          |  |          |   |
| Minnetrista         | 145,293   |          |  |          |  |          | 145,293   |
| Montevideo          |   |          |  |          |  |          |   |
| Monticello          |   |          |  |          |  |          |   |
| Moorhead            | 4,260,855   |          | 322,877  |          | (45,000)   |          | 4,538,732   |
| Morris              |   |          |  |          |  |          |   |
| Mound               |   |          |  |          |  |          |   |
| Mounds View         |   |          |  |          |  |          |   |
| New Brighton        | 111,812   |          |  |          |  |          | 111,812   |
| New Hope            |   |          |  |          |  |          |   |
| New Prague          | 6,287   |          |  |          |  |          | 6,287   |
| New Ulm             |   |          |  |          |  |          |   |
| North Branch        | 63,910  |          |  |          |  |          | 63,910  |
| North Mankato       | 64,226  |          |  |          |  |          | 64,226  |
| North St. Paul *    | 448,302   |          |  |          | (448,302)  |          |   |
| Northfield          |   |          |  |          |  |          |   |
| Oak Grove           | 664,568   |          |  |          | (68,028)   |          | 596,540   |
| Oakdale             | 1,572,366   |          |  |          |  |          | 1,572,366   |
| Orono               |   |          |  |          |  |          |   |
| Otsego              | 1,617,268   |          | 13,799   |          |  |          | 1,631,067   |

| <b>Municipality</b> | <b>Total<br/>Right-of-Way<br/>Expenditures<br/>for 2021<br/>Allocations</b> | <b>+</b> | <b>New<br/>Right-of-Way<br/>Expenditures<br/>for 2022<br/>Allocation</b> | <b>+</b> | <b>Expired<br/>Right-of-Way<br/>Expenditures<br/>in 2021</b> | <b>=</b> | <b>Total<br/>Right-of-Way<br/>Expenditures<br/>for 2022<br/>Allocations</b> |
|---------------------|---|----------|--|----------|--|----------|---|
| Owatonna            |   |          |  |          |  |          |   |
| Plymouth            | 2,490,023   |          |  |          | (15,000)   |          | \$2,475,023   |
| Prior Lake          | 423,049   |          |  |          |  |          | 423,049   |
| Ramsey              | 207,749   |          |  |          |  |          | 207,749   |
| Red Wing            |   |          |  |          |  |          |   |
| Redwood Falls       | 383,850   |          |  |          |  |          | 383,850   |
| Richfield           | 7,794,033   |          |  |          | (2,650)  |          | 7,791,383   |
| Robbinsdale         |   |          |  |          |  |          |   |
| Rochester           | 2,051,644   |          |  |          |  |          | 2,051,644   |
| Rogers              |   |          |  |          |  |          |   |
| Rosemount           | 187,950   |          |  |          |  |          | 187,950   |
| Roseville           |   |          |  |          |  |          |   |
| Sartell             | 1,406,000   |          |  |          |  |          | 1,406,000   |
| Sauk Rapids         | 407,639   |          |  |          |  |          | 407,639   |
| Savage              |   |          |  |          |  |          |   |
| Shakopee            |   |          |  |          |  |          |   |
| Shoreview           | 9,300   |          |  |          |  |          | 9,300   |
| Shorewood           | 22,486  |          |  |          |  |          | 22,486  |
| South St. Paul      |   |          |  |          |  |          |   |
| Spring Lake Park    |   |          |  |          |  |          |   |
| St Anthony          |   |          |  |          |  |          |   |
| St Cloud            | 3,036,110   |          |  |          |  |          | 3,036,110   |
| St Francis          | 14,990  |          |  |          |  |          | 14,990  |
| St Joseph           | 230,143   |          |  |          |  |          | 230,143   |
| St Louis Park       |   |          |  |          |  |          |   |
| St Michael          |   |          |  |          |  |          |   |
| St Paul *           | 13,496,986  |          |  |          | (502,263)  |          | 12,994,723  |
| St Paul Park        | 45,694  |          |  |          | (45,694)   |          |   |
| St Peter            | 1,804,570   |          |  |          |  |          | 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           |   |          |  |          |  |          |   |
| <b>Total</b>        | <b>\$81,578,538</b>   |          | <b>\$838,919</b>   |          | <b>(\$3,514,628)</b>   |          | <b>\$78,902,829</b>   |

\* more than one expenditure expired in 2021

## NEW RIGHT-OF-WAY ADJUSTMENTS FOR 2022

| MUNICIPALITY | PROJECT     | AMOUNT           |
|--------------|-------------|------------------|
| Bloomington  | 107-130-046 | \$3,500          |
| Farmington   | 212-102-005 | \$110,282        |
| Glencoe      | 226-103-002 | \$157,437        |
| Ham Lake     | 197-124-004 | \$231,024        |
| Moorhead     | 144-115-016 | \$322,877        |
| Otsego       | 217-113-001 | \$13,799         |
| <b>TOTAL</b> |             | <b>\$838,919</b> |

## EXPIRED RIGHT-OF-WAY ADJUSTMENTS, 2021

| MUNICIPALITY    | PROJECT                   | AMOUNT             |
|-----------------|---------------------------|--------------------|
| Bloomington     | 107-399-027               | \$1,023,658        |
| Bloomington     | 107-413-008               | \$82,734           |
| Bloomington     | 107-415-021 / overpayment | (\$78,439)         |
| Bloomington     | 107-415-022               | \$338,718          |
| Brainerd        | 108-124-007               | \$13,128           |
| Buffalo         | 213-117-001               | \$172,863          |
| Duluth          | 118-160-020               | \$37,937           |
| East Bethel     | 203-109-001               | \$12,571           |
| Ham Lake        | 197-107-002               | \$12,559           |
| Lakeville       | 188-101-007 / overpayment | (\$24,055)         |
| Lakeville       | 188-110-006 / overpayment | (\$6,270)          |
| Little Falls    | 136-129-003               | \$615,890          |
| Mendota Heights | 140-105-006               | \$5,310            |
| Minneapolis     | 141-281-011               | \$79,964           |
| Minneapolis     | 141-332-009               | \$101,123          |
| Moorhead        | 144-128-010               | \$45,000           |
| North St. Paul  | 151-251-005               | \$143,572          |
| North St. Paul  | 151-257-002               | \$304,730          |
| Oak Grove       | 223-109-002               | \$68,028           |
| Plymouth        | 155-186-001               | \$15,000           |
| Richfield       | 157-108-030               | \$2,650            |
| St. Paul        | 164-128-006               | \$106,383          |
| St. Paul        | 164-288-002               | \$395,880          |
| St. Paul Park   | 184-108-001               | \$45,694           |
| <b>TOTAL</b>    |                           | <b>\$3,514,628</b> |

## AFTER THE FACT RETAINING WALL ADJUSTMENT

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

| Municipality        | Retaining Wall<br>Expenditures<br>for 2021<br>Allocations | New Retaining<br>Wall<br>Expenditures<br>for 2022 | Retaining Wall<br>Expenditures<br>Expired in<br>2021 | Total Retaining<br>Wall Adjustment<br>for 2022<br>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   | 69,517  | 0  | 352,629   |
| Brainerd            | 231,160   | 0   | 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  |
| Detroit Lakes       | 0   | 38,304  | 0  | 38,304  |
| Duluth              | 3,043,689   | 0   | 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   |
| <b>Total</b>        | <b>\$7,195,352</b>  | <b>\$107,821</b>                                  | <b>\$0</b>   | <b>\$7,303,173</b>  |

## NEW PROJECT LISTING OF RETAINING WALL CONSTRUCTION

requested in 2021

| Municipality  | Project or<br>Route       | Amount           | Total Adjustment |
|---------------|---------------------------|------------------|------------------|
| Bloomington   | 107-407-023               | \$69,517         | \$69,517         |
| Detroit Lakes | 117-102-003 / 117-101-014 | 38,304           | 38,304           |
| <b>Total</b>  |                           | <b>\$107,821</b> | <b>\$107,821</b> |

## 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 2021 | Expired Railroad Crossing Expenditures | Expire Date | Total Railroad Crossing Adjustment for 2022 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   |
| <b>Total</b> | <b>\$1,706,696</b>                      | <b>\$0</b>                              | <b>\$0</b>                             |             | <b>\$1,706,696</b>  |

## 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 2022 Apportionment |
|-------------------|---|--------------------------------------|------------------------------|-------------|---|
| Thief River Falls | \$378,684                                       |                                      | Construction/ Reconstruction | 2049        | \$378,684   |
| <b>Total</b>      | <b>\$378,684</b>                                |                                      |                              |             | <b>\$378,684</b>  |

# 2021 ADJUSTED CONSTRUCTION NEEDS

for January 2022 apportionment

| Municipality     | Unadjusted Needs for Jan. 2022 Distribution | ADJUSTMENTS  |  |  |  |   | Total Adjustments | Adjusted Construction Needs |
|------------------|---|--|--|--|--|---|-------------------|-----------------------------|
|                  |   | * Excess Balance Adjustment redistributed as Low Balance Incentive | (+) After the Fact Railroad Bridge over MSAS Route | (+) After the Fact Right of Way Adjustment | (+) After the Fact Retaining Wall Adjustment | (+) After the Fact Railroad Crossing Adjustment |                   |                             |
| Albert Lea       | \$57,714,448                                |  |  |  | \$67,342                                     |   | \$67,342          | \$57,781,790                |
| Albertville      | 16,608,987                                  |  |  |  |  |   | 0                 | 16,608,987                  |
| Alexandria       | 77,481,361                                  | 828,642  |  | \$400,118                                  | 25,633                                       |   | 425,751           | 77,907,112                  |
| Andover          | 81,943,765                                  | 876,366  |  | 13,320                                     | 20,197                                       |   | 33,517            | 81,977,282                  |
| Anoka            | 39,736,137                                  | 424,967  |  |  |  |   | 0                 | 39,736,137                  |
| Apple Valley     | 98,254,533                                  |  |  |  |  |   | 0                 | 98,254,533                  |
| Arden Hills      | 14,734,384                                  | 157,580  |  |  |  |   | 0                 | 14,734,384                  |
| Austin           | 76,333,105                                  |  |  |  |  |   | 0                 | 76,333,105                  |
| Baxter           | 42,453,436                                  | 454,028  |  |  |  |   | 0                 | 42,453,436                  |
| Belle Plaine     | 19,654,869                                  | 210,203  |  | 1,224,822                                  |  |   | 1,224,822         | 20,879,691                  |
| Bemidji          | 46,920,583                                  |  |  |  |  |   | 0                 | 46,920,583                  |
| Big Lake         | 21,077,092                                  | 225,414  |  |  |  |   | 0                 | 21,077,092                  |
| Blaine           | 124,526,489                                 |  |  | 5,443,699                                  |  |   | 5,443,699         | 129,970,188                 |
| Bloomington      | 219,395,843                                 | (11,319,590)   |  | 179,815                                    | 352,629                                      |   | 532,444           | 219,928,287                 |
| Brainerd         | 48,763,200                                  | 521,509  |  | 1,242,319                                  | 231,160                                      |   | 1,473,479         | 50,236,679                  |
| Brooklyn Center  | 56,575,940                                  | 605,064  |  |  |  |   | 0                 | 56,575,940                  |
| Brooklyn Park    | 153,228,046                                 |  |  | 44,385                                     |  |   | 44,385            | 153,272,431                 |
| Buffalo          | 44,297,942                                  |  |  | 1,378,122                                  | 61,252                                       | \$528,566                                       | 1,967,940         | 46,265,882                  |
| Burnsville       | 124,123,041                                 |  |  |  |  |   | 0                 | 124,123,041                 |
| Byron            | 16,463,900                                  |  |  |  |  |   | 0                 | 16,463,900                  |
| Cambridge        | 40,723,879                                  | 435,531  |  |  | 28,020                                       | 234,357   | 262,377           | 40,986,256                  |
| Champlin         | 48,165,405                                  | 515,116  |  | 62,348                                     |  |   | 62,348            | 48,227,753                  |
| Chanhassen       | 55,868,583                                  |  |  |  |  |   | 0                 | 55,868,583                  |
| Chaska           | 52,526,386                                  | 561,755  |  | 210,039                                    |  |   | 210,039           | 52,736,425                  |
| Chisago City     | 15,695,987                                  | 167,864  |  |  |  |   | 0                 | 15,695,987                  |
| Chisholm         | 16,585,318                                  | 177,375  |  |  |  |   | 0                 | 16,585,318                  |
| Circle Pines     | 7,008,576                                   | 74,955   |  | 82,365                                     |  |   | 82,365            | 7,090,941                   |
| Cloquet          | 46,415,962                                  | 496,406  |  |  | 81,498                                       |   | 81,498            | 46,497,460                  |
| Columbia Heights | 27,012,949                                  | 288,896  |  |  |  |   | 0                 | 27,012,949                  |
| Coon Rapids      | 123,165,734                                 | 1,317,223  |  | 2,469,664                                  |  |   | 2,469,664         | 125,635,398                 |
| Corcoran         | 28,882,740                                  | (2,059,910)  |  |  |  |   | 0                 | 28,882,740                  |
| Cottage Grove    | 87,612,595                                  | 936,992  |  | 291,317                                    |  |   | 291,317           | 87,903,912                  |
| Crookston        | 28,262,203                                  | (1,562,577)  |  |  |  |   | 0                 | 28,262,203                  |
| Crystal          | 36,041,726                                  | 385,456  |  |  | 42,510                                       |   | 42,510            | 36,084,236                  |
| Dayton           | 18,039,972                                  | 192,932  |  | 1,181,809                                  |  |   | 1,181,809         | 19,221,781                  |
| Delano           | 12,728,031                                  | 136,123  |  | 200,000                                    |  |   | 200,000           | 12,928,031                  |
| Detroit Lakes    | 57,029,549                                  | 609,915  |  | 51,476                                     | 38,304                                       |   | 89,780            | 57,119,329                  |
| Duluth           | 305,128,576                                 | 3,263,265  |  | 2,468,733                                  | 3,043,689                                    |   | 5,512,422         | 310,640,998                 |
| Eagan            | 129,602,178                                 | 1,386,059  |  | 4,372,885                                  |  |   | 4,372,885         | 133,975,063                 |

| Municipality        | Unadjusted Needs for Jan. 2022 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 Construction Needs |
|---------------------|---|--|--|--|--|---|-------------------|-----------------------------|
| East Bethel         | \$48,253,657                                | \$516,059  |  | \$762,212                                  |  |   | \$762,212         | \$49,015,869                |
| East Grand Forks    | 43,567,982                                  |  |  | 141,624                                    |  |   | 141,624           | 43,709,606                  |
| Eden Prairie        | 132,519,854                                 |  |  | 1,224,689                                  | \$129,789                                    |   | 1,354,478         | 133,874,332                 |
| Edina               | 116,204,681                                 |  |  |  |  |   | 0                 | 116,204,681                 |
| Elk River           | 91,702,883                                  | (3,929,742)  |  | 1,181,008                                  |  |   | 1,181,008         | 92,883,891                  |
| Fairmont            | 46,453,422                                  | 496,806  |  |  |  |   | 0                 | 46,453,422                  |
| Falcon Heights      | 6,604,441                                   |  |  |  |  |   | 0                 | 6,604,441                   |
| Faribault           | 71,583,028                                  | 765,561  |  | 145,310                                    |  |   | 145,310           | 71,728,338                  |
| Farmington          | 36,467,882                                  |  |  | 110,282                                    |  |   | 110,282           | 36,578,164                  |
| Fergus Falls        | 64,798,678                                  |  |  | 318,549                                    | 110,360                                      | \$299,555                                       | 728,464           | 65,527,142                  |
| Forest Lake         | 69,006,279                                  | 738,003  |  |  |  |   | 0                 | 69,006,279                  |
| Fridley             | 50,876,143                                  | 544,106  |  |  |  |   | 0                 | 50,876,143                  |
| Glencoe             | 17,311,340                                  | 185,140  |  | 157,437                                    |  |   | 157,437           | 17,468,777                  |
| Golden Valley       | 61,455,069                                  |  |  |  |  |   | 0                 | 61,455,069                  |
| Grand Rapids        | 56,675,905                                  |  |  | 2,333,201                                  | \$236,876                                    |   | 2,570,077         | 59,245,982                  |
| Ham Lake            | 58,307,152                                  | 623,579  |  | 1,191,547                                  |  |   | 1,191,547         | 59,498,699                  |
| Hastings            | 54,021,973                                  | 577,750  |  |  |  |   | 0                 | 54,021,973                  |
| Hermantown          | 41,576,537                                  | 444,650  |  | 75,976                                     |  |   | 75,976            | 41,652,513                  |
| Hibbing             | 102,468,918                                 | 1,095,877  |  |  |  |   | 0                 | 102,468,918                 |
| Hopkins             | 27,108,902                                  | 289,922  |  |  |  |   | 0                 | 27,108,902                  |
| Hugo                | 43,077,452                                  |  |  |  |  |   | 0                 | 43,077,452                  |
| Hutchinson          | 49,123,895                                  |  |  |  |  |   | 0                 | 49,123,895                  |
| International Falls | 15,061,883                                  | 161,083  |  |  |  |   | 0                 | 15,061,883                  |
| Inver Grove Heights | 78,347,199                                  | 837,902  |  | 776,192                                    | 179,003                                      |   | 955,195           | 79,302,394                  |
| Isanti              | 12,712,850                                  | 135,960  |  |  |  |   | 0                 | 12,712,850                  |
| Jordan              | 13,670,636                                  | 146,204  |  |  |  |   | 0                 | 13,670,636                  |
| Kasson              | 13,236,214                                  |  |  | 44,906                                     | 35,640                                       |   | 80,546            | 13,316,760                  |
| La Crescent         | 10,365,697                                  |  |  | 25,000                                     | 8,624  |   | 33,624            | 10,399,321                  |
| Lake City           | 15,258,202                                  |  |  |  |  |   | 0                 | 15,258,202                  |
| Lake Elmo           | 41,905,694                                  | 448,170  |  | 232,821                                    |  |   | 232,821           | 42,138,515                  |
| Lakeville           | 171,152,123                                 | 1,830,424  |  | 1,015,804                                  | 118,042                                      |   | 1,133,846         | 172,285,969                 |
| Lino Lakes          | 45,411,752                                  | 485,666  |  | 244,162                                    |  |   | 244,162           | 45,655,914                  |
| Litchfield          | 16,767,219                                  | 179,321  |  |  |  |   | 0                 | 16,767,219                  |
| Little Canada       | 23,772,815                                  | 254,244  |  |  |  |   | 0                 | 23,772,815                  |
| Little Falls        | 41,145,429                                  | (2,718,908)  |  | 487,305                                    |  |   | 487,305           | 41,632,734                  |
| Mahtomedi           | 18,537,944                                  | 198,258  |  |  |  |   | 0                 | 18,537,944                  |
| Mankato             | 116,557,236                                 | 1,246,547  |  | 52,197                                     |  |   | 52,197            | 116,609,433                 |
| Maple Grove         | 150,017,975                                 | 1,604,401  |  |  |  |   | 0                 | 150,017,975                 |
| Maplewood           | 84,875,943                                  | 907,725  |  | 2,056,960                                  |  |   | 2,056,960         | 86,932,903                  |
| Marshall            | 44,391,275                                  | 474,752  |  | 302,397                                    | 514,325                                      |   | 816,722           | 45,207,997                  |
| Medina              | 22,797,471                                  |  |  |  |  |   | 0                 | 22,797,471                  |
| Mendota Heights     | 33,045,004                                  |  |  | 16,836                                     |  |   | 16,836            | 33,061,840                  |
| Minneapolis         | 683,597,240                                 | 7,310,883  |  |  |  |   | 0                 | 683,597,240                 |
| Minnetonka          | 121,479,429                                 | 1,299,189  |  |  | 37,913                                       |   | 37,913            | 121,517,342                 |
| Minnetrista         | 22,528,944                                  |  |  | 145,293                                    |  |   | 145,293           | 22,674,237                  |

| Municipality     | Unadjusted Needs for Jan. 2022 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 Construction Needs |
|------------------|---|--|--|--|--|---|-------------------|-----------------------------|
| Montevideo       | \$17,597,131                                | \$188,196  |  |  |  |   | \$0               | \$17,597,131                |
| Monticello       | 34,823,489                                  | 372,428  |  |  | 307,791                                      |   | 307,791           | 35,131,280                  |
| Moorhead         | 149,131,902                                 | 1,594,924  |  | 4,538,732                                  | \$375,667                                    | \$625,785                                       | 5,540,184         | 154,672,086                 |
| Morris           | 17,674,207                                  |  |  |  |  |   | 0                 | 17,674,207                  |
| Mound            | 15,749,658                                  | 168,438  |  |  |  |   | 0                 | 15,749,658                  |
| Mounds View      | 22,073,466                                  | 236,070  |  |  | 13,419                                       |   | 13,419            | 22,086,885                  |
| New Brighton     | 30,492,442                                  | 326,108  |  | 111,812                                    |  |   | 111,812           | 30,604,254                  |
| New Hope         | 31,910,964                                  | 341,279  |  |  | 32,400                                       |   | 32,400            | 31,943,364                  |
| New Prague       | 18,949,393                                  |  |  | 6,287                                      |  |   | 6,287             | 18,955,680                  |
| New Ulm          | 40,366,950                                  | 431,713  |  |  |  | 18,433  | 18,433            | 40,385,383                  |
| North Branch     | 52,478,442                                  | 561,242  |  | 63,910                                     |  |   | 63,910            | 52,542,352                  |
| North Mankato    | 39,791,261                                  | 425,556  |  | 64,226                                     |  |   | 64,226            | 39,855,487                  |
| North St. Paul   | 23,594,319                                  | 252,335  |  |  |  |   | 0                 | 23,594,319                  |
| Northfield       | 38,123,668                                  | 407,722  |  |  |  |   | 0                 | 38,123,668                  |
| Oak Grove        | 47,844,254                                  |  |  | 596,540                                    |  |   | 596,540           | 48,440,794                  |
| Oakdale          | 48,081,485                                  | 514,218  |  | 1,572,366                                  | 20,658                                       |   | 1,593,024         | 49,674,509                  |
| Orono            | 21,103,201                                  |  |  |  |  |   | 0                 | 21,103,201                  |
| Otsego           | 52,687,962                                  | 563,483  |  | 1,631,067                                  |  |   | 1,631,067         | 54,319,029                  |
| Owatonna         | 83,485,818                                  |  |  |  |  |   | 0                 | 83,485,818                  |
| Plymouth         | 177,804,135                                 | 1,901,566  |  | 2,475,023                                  | 64,144                                       |   | 2,539,167         | 180,343,302                 |
| Prior Lake       | 49,866,216                                  | 533,305  |  | 423,049                                    |  |   | 423,049           | 50,289,265                  |
| Ramsey           | 71,341,956                                  |  |  | 207,749                                    |  |   | 207,749           | 71,549,705                  |
| Red Wing         | 59,775,690                                  | 639,284  |  |  | 539,025                                      |   | 539,025           | 60,314,715                  |
| Redwood Falls    | 20,244,072                                  |  |  | 383,850                                    |  |   | 383,850           | 20,627,922                  |
| Richfield        | 65,248,416                                  | 697,814  |  | 7,791,383                                  |  |   | 7,791,383         | 73,039,799                  |
| Robbinsdale      | 23,317,211                                  | (1,965,201)  |  |  |  |   | 0                 | 23,317,211                  |
| Rochester        | 349,394,733                                 |  |  | 2,051,644                                  |  |   | 2,051,644         | 351,446,377                 |
| Rogers           | 49,756,990                                  | (2,120,967)  |  |  |  |   | 0                 | 49,756,990                  |
| Rosemount        | 64,238,717                                  |  |  | 187,950                                    |  |   | 187,950           | 64,426,667                  |
| Roseville        | 67,158,151                                  |  |  |  | 107,381                                      |   | 107,381           | 67,265,532                  |
| Sartell          | 47,224,934                                  | 505,058  |  | 1,406,000                                  | 6,000  |   | 1,412,000         | 48,636,934                  |
| Sauk Rapids      | 38,967,331                                  | 416,745  |  | 407,639                                    |  |   | 407,639           | 39,374,970                  |
| Savage           | 62,692,183                                  | 670,476  |  |  |  |   | 0                 | 62,692,183                  |
| Shakopee         | 97,013,097                                  |  |  |  |  |   | 0                 | 97,013,097                  |
| Shoreview        | 42,335,861                                  | 452,770  |  | 9,300                                      |  |   | 9,300             | 42,345,161                  |
| Shorewood        | 19,776,112                                  |  |  | 22,486                                     |  |   | 22,486            | 19,798,598                  |
| South St. Paul   | 44,552,829                                  |  |  |  |  |   | 0                 | 44,552,829                  |
| Spring Lake Park | 12,903,177                                  |  |  |  |  |   | 0                 | 12,903,177                  |
| St. Anthony      | 15,738,704                                  | 168,321  |  |  |  |   | 0                 | 15,738,704                  |
| St. Cloud        | 186,151,660                                 | 1,990,840  |  | 3,036,110                                  |  |   | 3,036,110         | 189,187,770                 |
| St. Francis      | 22,652,355                                  |  |  | 14,990                                     |  |   | 14,990            | 22,667,345                  |
| St. Joseph       | 16,950,450                                  |  |  | 230,143                                    |  |   | 230,143           | 17,180,593                  |
| St. Louis Park   | 94,823,849                                  | 1,014,115  |  |  |  |   | 0                 | 94,823,849                  |
| St. Michael      | 50,115,466                                  | 535,971  |  |  |  |   | 0                 | 50,115,466                  |
| St. Paul         | 536,724,398                                 | (28,988,585)   |  | 12,994,723                                 | 51,542                                       |   | 13,046,265        | 549,770,663                 |
| St. Paul Park    | 13,680,903                                  |  |  |  |  |   | 0                 | 13,680,903                  |



| Municipality       | Unadjusted Needs for Jan. 2022 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 Construction Needs |
|--------------------|---|--|--|--|--|---|---------------------|-----------------------------|
| St. Peter          | \$31,305,608                                |  |  | \$1,804,570                                |  |   | \$1,804,570         | \$33,110,178                |
| Stewartville       | 8,522,646                                   |  |  |  |  |   | 0                   | 8,522,646                   |
| Stillwater         | 42,126,790                                  |  |  |  |  |   | 0                   | 42,126,790                  |
| Thief River Falls  | 40,473,523                                  | 432,853  | \$378,684  | 467,865                                    | \$296,422                                    |   | 1,142,971           | 41,616,494                  |
| Vadnais Heights    | 19,634,816                                  |  |  | 17,096                                     |  |   | 17,096              | 19,651,912                  |
| Victoria           | 16,434,321                                  |  |  |  |  |   | 0                   | 16,434,321                  |
| Virginia           | 37,340,307                                  |  |  |  |  |   | 0                   | 37,340,307                  |
| Waconia            | 33,384,405                                  | (1,971,424)  |  |  |  |   | 0                   | 33,384,405                  |
| Waite Park         | 19,660,541                                  |  |  | 855,017                                    |  |   | 855,017             | 20,515,558                  |
| Waseca             | 16,094,854                                  | 172,130  |  | 213,261                                    |  |   | 213,261             | 16,308,115                  |
| West St. Paul      | 31,338,540                                  |  |  |  | 125,918                                      |   | 125,918             | 31,464,458                  |
| White Bear Lake    | 45,398,460                                  | 485,524  |  |  |  |   | 0                   | 45,398,460                  |
| Willmar            | 72,741,891                                  | 777,954  |  |  |  |   | 0                   | 72,741,891                  |
| Winona             | 58,461,991                                  |  |  |  |  |   | 0                   | 58,461,991                  |
| Woodbury           | 160,501,590                                 | 1,716,520  |  | 942,597                                    |  |   | 942,597             | 161,444,187                 |
| Worthington        | 25,803,428                                  | (2,372,745)  |  |  |  |   | 0                   | 25,803,428                  |
| Wyoming            | 32,103,996                                  | 343,343  |  | 16,500                                     |  |   | 16,500              | 32,120,496                  |
| Zimmerman          | 11,550,350                                  | 123,528  |  |  |  |   | 0                   | 11,550,350                  |
| <b>State Total</b> | <b>\$9,391,873,362</b>                      | <b>(\$0)</b>   | <b>\$378,684</b>                                   | <b>\$78,902,829</b>                        | <b>\$7,303,173</b>                           | <b>\$1,706,696</b>                              | <b>\$88,291,382</b> | <b>\$9,480,164,744</b>      |

\* adjustments shown as of September 2021, but are not included with total adjustments because cities are continuing to make payment requests.

October 27, 2021

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 2021 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 2022 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

|   |   |   |                                |
|---|---|---|--------------------------------|
| Michael Thompson<br>Plymouth<br>Chair       | Paul Sandy<br>Brainerd<br>Vice Chair          | Jen Desrude<br>Burnsville<br>Secretary    |                                |
| Caleb Peterson<br>Cloquet<br>District 1     | Steve Emery<br>East Grand Forks<br>District 2 | Layne Otteson<br>Big Lake<br>District 3   |                                |
| Brian Yavarow<br>Fergus Falls<br>District 4 | Chad Millner<br>Edina<br>Metro West           | Kyle Skov<br>Owatonna<br>District 6       |                                |
| Jeff Domras<br>Saint Peter<br>District 7    | Chuck DeWolf<br>Litchfield<br>District 8      | Brian Erickson<br>Rosemount<br>Metro East |                                |
| Cindy Voigt<br>Duluth                       | Jenifer Hager<br>Minneapolis                  | Paul Kurtz<br>Saint Paul                  | Dillon Dombrovski<br>Rochester |

An equal opportunity employer

# 2021 ADJUSTED CONSTRUCTION NEEDS

for the 2022 Distribution

| <b>Municipality</b> | <b>Adjusted Construction Needs</b> | <b>Municipality</b> | <b>Adjusted Construction Needs</b> |
|---------------------|------------------------------------|---------------------|------------------------------------|
| Albert Lea          | \$57,781,790                       | Edina               | \$116,204,681                      |
| Albertville         | 16,608,987                         | Elk River           | 92,883,891                         |
| Alexandria          | 77,907,112                         | Fairmont            | 46,453,422                         |
| Andover             | 81,977,282                         | Falcon Heights      | 6,604,441                          |
| Anoka               | 39,736,137                         | Faribault           | 71,728,338                         |
| Apple Valley        | 98,254,533                         | Farmington          | 36,578,164                         |
| Arden Hills         | 14,734,384                         | Fergus Falls        | 65,527,142                         |
| Austin              | 76,333,105                         | Forest Lake         | 69,006,279                         |
| Baxter              | 42,453,436                         | Fridley             | 50,876,143                         |
| Belle Plaine        | 20,879,691                         | Glencoe             | 17,468,777                         |
| Bemidji             | 46,920,583                         | Golden Valley       | 61,455,069                         |
| Big Lake            | 21,077,092                         | Grand Rapids        | 59,245,982                         |
| Blaine              | 129,970,188                        | Ham Lake            | 59,498,699                         |
| Bloomington         | 219,928,287                        | Hastings            | 54,021,973                         |
| Brainerd            | 50,236,679                         | Hermantown          | 41,652,513                         |
| Brooklyn Center     | 56,575,940                         | Hibbing             | 102,468,918                        |
| Brooklyn Park       | 153,272,431                        | Hopkins             | 27,108,902                         |
| Buffalo             | 46,265,882                         | Hugo                | 43,077,452                         |
| Burnsville          | 124,123,041                        | Hutchinson          | 49,123,895                         |
| Byron               | 16,463,900                         | International Falls | 15,061,883                         |
| Cambridge           | 40,986,256                         | Inver Grove Heights | 79,302,394                         |
| Champlin            | 48,227,753                         | Isanti              | 12,712,850                         |
| Chanhassen          | 55,868,583                         | Jordan              | 13,670,636                         |
| Chaska              | 52,736,425                         | Kasson              | 13,316,760                         |
| Chisago City        | 15,695,987                         | La Crescent         | 10,399,321                         |
| Chisholm            | 16,585,318                         | Lake City           | 15,258,202                         |
| Circle Pines        | 7,090,941                          | Lake Elmo           | 42,138,515                         |
| Cloquet             | 46,497,460                         | Lakeville           | 172,285,969                        |
| Columbia Heights    | 27,012,949                         | Lino Lakes          | 45,655,914                         |
| Coon Rapids         | 125,635,398                        | Litchfield          | 16,767,219                         |
| Corcoran            | 28,882,740                         | Little Canada       | 23,772,815                         |
| Cottage Grove       | 87,903,912                         | Little Falls        | 41,632,734                         |
| Crookston           | 28,262,203                         | Mahtomedi           | 18,537,944                         |
| Crystal             | 36,084,236                         | Mankato             | 116,609,433                        |
| Dayton              | 19,221,781                         | Maple Grove         | 150,017,975                        |
| Delano              | 12,928,031                         | Maplewood           | 86,932,903                         |
| Detroit Lakes       | 57,119,329                         | Marshall            | 45,207,997                         |
| Duluth              | 310,640,998                        | Medina              | 22,797,471                         |
| Eagan               | 133,975,063                        | Mendota Heights     | 33,061,840                         |
| East Bethel         | 49,015,869                         | Minneapolis         | 683,597,240                        |
| East Grand Forks    | 43,709,606                         | Minnetonka          | 121,517,342                        |
| Eden Prairie        | 133,874,332                        | Minnetrista         | 22,674,237                         |

| <b>Municipality</b> | <b>Adjusted<br/>Construction Needs</b> | <b>Municipality</b> | <b>Adjusted<br/>Construction Needs</b> |
|---------------------|--|---------------------|--|
| Montevideo          | \$17,597,131                           | Savage              | \$62,692,183                           |
| Monticello          | 35,131,280                             | Shakopee            | 97,013,097                             |
| Moorhead            | 154,672,086                            | Shoreview           | 42,345,161                             |
| Morris              | 17,674,207                             | Shorewood           | 19,798,598                             |
| Mound               | 15,749,658                             | South St. Paul      | 44,552,829                             |
| Mounds View         | 22,086,885                             | Spring Lake Park    | 12,903,177                             |
| New Brighton        | 30,604,254                             | St. Anthony         | 15,738,704                             |
| New Hope            | 31,943,364                             | St. Cloud           | 189,187,770                            |
| New Prague          | 18,955,680                             | St. Francis         | 22,667,345                             |
| New Ulm             | 40,385,383                             | St. Joseph          | 17,180,593                             |
| North Branch        | 52,542,352                             | St. Louis Park      | 94,823,849                             |
| North Mankato       | 39,855,487                             | St. Michael         | 50,115,466                             |
| North St. Paul      | 23,594,319                             | St. Paul            | 549,770,663                            |
| Northfield          | 38,123,668                             | St. Paul Park       | 13,680,903                             |
| Oak Grove           | 48,440,794                             | St. Peter           | 33,110,178                             |
| Oakdale             | 49,674,509                             | Stewartville        | 8,522,646                              |
| Orono               | 21,103,201                             | Stillwater          | 42,126,790                             |
| Otsego              | 54,319,029                             | Thief River Falls   | 41,616,494                             |
| Owatonna            | 83,485,818                             | Vadnais Heights     | 19,651,912                             |
| Plymouth            | 180,343,302                            | Victoria            | 16,434,321                             |
| Prior Lake          | 50,289,265                             | Virginia            | 37,340,307                             |
| Ramsey              | 71,549,705                             | Waconia             | 33,384,405                             |
| Red Wing            | 60,314,715                             | Waite Park          | 20,515,558                             |
| Redwood Falls       | 20,627,922                             | Waseca              | 16,308,115                             |
| Richfield           | 73,039,799                             | West St. Paul       | 31,464,458                             |
| Robbinsdale         | 23,317,211                             | White Bear Lake     | 45,398,460                             |
| Rochester           | 351,446,377                            | Willmar             | 72,741,891                             |
| Rogers              | 49,756,990                             | Winona              | 58,461,991                             |
| Rosemount           | 64,426,667                             | Woodbury            | 161,444,187                            |
| Roseville           | 67,265,532                             | Worthington         | 25,803,428                             |
| Sartell             | 48,636,934                             | Wyoming             | 32,120,496                             |
| Sauk Rapids         | 39,374,970                             | Zimmerman           | 11,550,350                             |
|                     |  | <b>State Total</b>  | <b>\$9,480,164,744</b>                 |

## TENTATIVE 2022 CONSTRUCTION NEEDS ALLOCATIONS

Needs Value: \$1,000 in Construction Needs = approximately \$10.18 in apportionment

The following table shows each municipality's *Tentative* Money Needs Allocation based on a projected apportionment amount of \$96,505,794. The actual amount of the Road User Fund for distribution to the Municipal State Aid account will not be available until January 2022. This summary provides data and shows the impact of the adjustments to each municipality for the Board's use in establishing the Money Needs Apportionment Determination.

| <b>Municipality</b> | <b>Adjusted<br/>Construction<br/>Needs</b> | <b>Construction<br/>Needs<br/>Allocations</b> | <b>2022<br/>Construction<br/>Needs<br/>Allocations</b> | <b>%<br/>Of<br/>Total<br/>Dist.</b> |
|---------------------|--|---|--|-------------------------------------|
| Albert Lea          | \$57,781,790                               | \$588,205                                     | \$588,205  | 0.610                               |
| Albertville         | 16,608,987                                 | 169,075                                       | 169,075  | 0.175                               |
| Alexandria          | 77,907,112                                 | 793,076                                       | 793,076  | 0.822                               |
| Andover             | 81,977,282                                 | 834,509                                       | 834,509  | 0.865                               |
| Anoka               | 39,736,137                                 | 404,504                                       | 404,504  | 0.419                               |
| Apple Valley        | 98,254,533                                 | 1,000,207                                     | 1,000,207  | 1.036                               |
| Arden Hills         | 14,734,384                                 | 149,992                                       | 149,992  | 0.155                               |
| Austin              | 76,333,105                                 | 777,053                                       | 777,053  | 0.805                               |
| Baxter              | 42,453,436                                 | 432,166                                       | 432,166  | 0.448                               |
| Belle Plaine        | 20,879,691                                 | 212,550                                       | 212,550  | 0.220                               |
| Bemidji             | 46,920,583                                 | 477,640                                       | 477,640  | 0.495                               |
| Big Lake            | 21,077,092                                 | 214,560                                       | 214,560  | 0.222                               |
| Blaine              | 129,970,188                                | 1,323,065                                     | 1,323,065  | 1.371                               |
| Bloomington         | 219,928,287                                | 2,238,817                                     | 2,238,817  | 2.320                               |
| Brainerd            | 50,236,679                                 | 511,397                                       | 511,397  | 0.530                               |
| Brooklyn Center     | 56,575,940                                 | 575,929                                       | 575,929  | 0.597                               |
| Brooklyn Park       | 153,272,431                                | 1,560,276                                     | 1,560,276  | 1.617                               |
| Buffalo             | 46,265,882                                 | 470,976                                       | 470,976  | 0.488                               |
| Burnsville          | 124,123,041                                | 1,263,543                                     | 1,263,543  | 1.309                               |
| Byron               | 16,463,900                                 | 167,599                                       | 167,599  | 0.174                               |
| Cambridge           | 40,986,256                                 | 417,230                                       | 417,230  | 0.432                               |
| Champlin            | 48,227,753                                 | 490,947                                       | 490,947  | 0.509                               |
| Chanhassen          | 55,868,583                                 | 568,729                                       | 568,729  | 0.589                               |
| Chaska              | 52,736,425                                 | 536,844                                       | 536,844  | 0.556                               |
| Chisago City        | 15,695,987                                 | 159,781                                       | 159,781  | 0.166                               |
| Chisholm            | 16,585,318                                 | 168,835                                       | 168,835  | 0.175                               |
| Circle Pines        | 7,090,941                                  | 72,184  | 72,184   | 0.075                               |
| Cloquet             | 46,497,460                                 | 473,333                                       | 473,333  | 0.490                               |
| Columbia Heights    | 27,012,949                                 | 274,985                                       | 274,985  | 0.285                               |
| Coon Rapids         | 125,635,398                                | 1,278,938                                     | 1,278,938  | 1.325                               |
| Corcoran            | 28,882,740                                 | 294,019                                       | 294,019  | 0.305                               |
| Cottage Grove       | 87,903,912                                 | 894,841                                       | 894,841  | 0.927                               |
| Crookston           | 28,262,203                                 | 287,702                                       | 287,702  | 0.298                               |
| Crystal             | 36,084,236                                 | 367,329                                       | 367,329  | 0.381                               |
| Dayton              | 19,221,781                                 | 195,673                                       | 195,673  | 0.203                               |
| Delano              | 12,928,031                                 | 131,604                                       | 131,604  | 0.136                               |
| Detroit Lakes       | 57,119,329                                 | 581,461                                       | 581,461  | 0.603                               |
| Duluth              | 310,640,998                                | 3,162,251                                     | 3,162,251  | 3.277                               |
| Eagan               | 133,975,063                                | 1,363,834                                     | 1,363,834  | 1.413                               |
| East Bethel         | 49,015,869                                 | 498,970                                       | 498,970  | 0.517                               |
| East Grand Forks    | 43,709,606                                 | 444,953                                       | 444,953  | 0.461                               |
| Eden Prairie        | 133,874,332                                | 1,362,808                                     | 1,362,808  | 1.412                               |
| Edina               | 116,204,681                                | 1,182,936                                     | 1,182,936  | 1.226                               |
| Elk River           | 92,883,891                                 | 945,536                                       | 945,536  | 0.980                               |
| Fairmont            | 46,453,422                                 | 472,885                                       | 472,885  | 0.490                               |
| Falcon Heights      | 6,604,441                                  | 67,232  | 67,232   | 0.070                               |
| Faribault           | 71,728,338                                 | 730,177                                       | 730,177  | 0.757                               |
| Farmington          | 36,578,164                                 | 372,357                                       | 372,357  | 0.386                               |
| Fergus Falls        | 65,527,142                                 | 667,051                                       | 667,051  | 0.691                               |
| Forest Lake         | 69,006,279                                 | 702,467                                       | 702,467  | 0.728                               |

| <b>Municipality</b> | <b>Adjusted<br/>Construction<br/>Needs</b> | <b>Construction<br/>Needs<br/>Allocations</b> |  | <b>2022<br/>Construction<br/>Needs<br/>Allocations</b> | <b>%<br/>Of<br/>Total<br/>Dist.</b> |
|---------------------|--|---|--|--|-------------------------------------|
| Fridley             | \$50,876,143                               | \$517,907                                     |  | \$517,907  | 0.537                               |
| Glencoe             | 17,468,777                                 | 177,828                                       |  | 177,828  | 0.184                               |
| Golden Valley       | 61,455,069                                 | 625,598                                       |  | 625,598  | 0.648                               |
| Grand Rapids        | 59,245,982                                 | 603,110                                       |  | 603,110  | 0.625                               |
| Ham Lake            | 59,498,699                                 | 605,682                                       |  | 605,682  | 0.628                               |
| Hastings            | 54,021,973                                 | 549,930                                       |  | 549,930  | 0.570                               |
| Hermantown          | 41,652,513                                 | 424,013                                       |  | 424,013  | 0.439                               |
| Hibbing             | 102,468,918                                | 1,043,109                                     |  | 1,043,109  | 1.081                               |
| Hopkins             | 27,108,902                                 | 275,962                                       |  | 275,962  | 0.286                               |
| Hugo                | 43,077,452                                 | 438,518                                       |  | 438,518  | 0.454                               |
| Hutchinson          | 49,123,895                                 | 500,069                                       |  | 500,069  | 0.518                               |
| International Falls | 15,061,883                                 | 153,326                                       |  | 153,326  | 0.159                               |
| Inver Grove Heights | 79,302,394                                 | 807,279                                       |  | 807,279  | 0.837                               |
| Isanti              | 12,712,850                                 | 129,414                                       |  | 129,414  | 0.134                               |
| Jordan              | 13,670,636                                 | 139,164                                       |  | 139,164  | 0.144                               |
| Kasson              | 13,316,760                                 | 135,561                                       |  | 135,561  | 0.140                               |
| La Crescent         | 10,399,321                                 | 105,863                                       |  | 105,863  | 0.110                               |
| Lake City           | 15,258,202                                 | 155,325                                       |  | 155,325  | 0.161                               |
| Lake Elmo           | 42,138,515                                 | 428,960                                       |  | 428,960  | 0.444                               |
| Lakeville           | 172,285,969                                | 1,753,830                                     |  | 1,753,830  | 1.817                               |
| Lino Lakes          | 45,655,914                                 | 464,766                                       |  | 464,766  | 0.482                               |
| Litchfield          | 16,767,219                                 | 170,686                                       |  | 170,686  | 0.177                               |
| Little Canada       | 23,772,815                                 | 242,002                                       |  | 242,002  | 0.251                               |
| Little Falls        | 41,632,734                                 | 423,811                                       |  | 423,811  | 0.439                               |
| Mahtomedi           | 18,537,944                                 | 188,712                                       |  | 188,712  | 0.196                               |
| Mankato             | 116,609,433                                | 1,187,056                                     |  | 1,187,056  | 1.230                               |
| Maple Grove         | 150,017,975                                | 1,527,147                                     |  | 1,527,147  | 1.582                               |
| Maplewood           | 86,932,903                                 | 884,956                                       |  | 884,956  | 0.917                               |
| Marshall            | 45,207,997                                 | 460,207                                       |  | 460,207  | 0.477                               |
| Medina              | 22,797,471                                 | 232,073                                       |  | 232,073  | 0.240                               |
| Mendota Heights     | 33,061,840                                 | 336,562                                       |  | 336,562  | 0.349                               |
| Minneapolis         | 683,597,240                                | 6,958,855                                     |  | 6,958,855  | 7.211                               |
| Minnetonka          | 121,517,342                                | 1,237,017                                     |  | 1,237,017  | 1.282                               |
| Minnetrista         | 22,674,237                                 | 230,818                                       |  | 230,818  | 0.239                               |
| Montevideo          | 17,597,131                                 | 179,135                                       |  | 179,135  | 0.186                               |
| Monticello          | 35,131,280                                 | 357,628                                       |  | 357,628  | 0.371                               |
| Moorhead            | 154,672,086                                | 1,574,525                                     |  | 1,574,525  | 1.632                               |
| Morris              | 17,674,207                                 | 179,919                                       |  | 179,919  | 0.186                               |
| Mound               | 15,749,658                                 | 160,328                                       |  | 160,328  | 0.166                               |
| Mounds View         | 22,086,885                                 | 224,839                                       |  | 224,839  | 0.233                               |
| New Brighton        | 30,604,254                                 | 311,544                                       |  | 311,544  | 0.323                               |
| New Hope            | 31,943,364                                 | 325,176                                       |  | 325,176  | 0.337                               |
| New Prague          | 18,955,680                                 | 192,964                                       |  | 192,964  | 0.200                               |
| New Ulm             | 40,385,383                                 | 411,113                                       |  | 411,113  | 0.426                               |
| North Branch        | 52,542,352                                 | 534,868                                       |  | 534,868  | 0.554                               |
| North Mankato       | 39,855,487                                 | 405,719                                       |  | 405,719  | 0.420                               |
| North St. Paul      | 23,594,319                                 | 240,184                                       |  | 240,184  | 0.249                               |
| Northfield          | 38,123,668                                 | 388,090                                       |  | 388,090  | 0.402                               |
| Oak Grove           | 48,440,794                                 | 493,116                                       |  | 493,116  | 0.511                               |
| Oakdale             | 49,674,509                                 | 505,675                                       |  | 505,675  | 0.524                               |
| Orono               | 21,103,201                                 | 214,826                                       |  | 214,826  | 0.223                               |
| Otsego              | 54,319,029                                 | 552,955                                       |  | 552,955  | 0.573                               |
| Owatonna            | 83,485,818                                 | 849,866                                       |  | 849,866  | 0.881                               |
| Plymouth            | 180,343,302                                | 1,835,851                                     |  | 1,835,851  | 1.902                               |
| Prior Lake          | 50,289,265                                 | 511,933                                       |  | 511,933  | 0.530                               |
| Ramsey              | 71,549,705                                 | 728,359                                       |  | 728,359  | 0.755                               |
| Red Wing            | 60,314,715                                 | 613,989                                       |  | 613,989  | 0.636                               |
| Redwood Falls       | 20,627,922                                 | 209,987                                       |  | 209,987  | 0.218                               |

| Municipality       | Adjusted Construction Needs | Construction Needs Allocations |            | 2022 Construction Needs Allocations | % Of Total Dist. |
|--------------------|-----------------------------|--------------------------------|------------|-------------------------------------|------------------|
| Richfield          | \$73,039,799                | \$743,528                      |            | \$743,528                           | 0.770            |
| Robbinsdale        | 23,317,211                  | 237,364                        |            | 237,364                             | 0.246            |
| Rochester          | 351,446,377                 | 3,577,639                      |            | 3,577,639                           | 3.707            |
| Rogers             | 49,756,990                  | 506,514                        |            | 506,514                             | 0.525            |
| Rosemount          | 64,426,667                  | 655,848                        |            | 655,848                             | 0.680            |
| Roseville          | 67,265,532                  | 684,747                        |            | 684,747                             | 0.710            |
| Sartell            | 48,636,934                  | 495,112                        |            | 495,112                             | 0.513            |
| Sauk Rapids        | 39,374,970                  | 400,828                        |            | 400,828                             | 0.415            |
| Savage             | 62,692,183                  | 638,191                        |            | 638,191                             | 0.661            |
| Shakopee           | 97,013,097                  | 987,570                        |            | 987,570                             | 1.023            |
| Shoreview          | 42,345,161                  | 431,064                        |            | 431,064                             | 0.447            |
| Shorewood          | 19,798,598                  | 201,545                        |            | 201,545                             | 0.209            |
| South St. Paul     | 44,552,829                  | 453,537                        |            | 453,537                             | 0.470            |
| Spring Lake Park   | 12,903,177                  | 131,351                        |            | 131,351                             | 0.136            |
| St. Anthony        | 15,738,704                  | 160,216                        |            | 160,216                             | 0.166            |
| St. Cloud          | 189,187,770                 | 1,925,886                      |            | 1,925,886                           | 1.996            |
| St. Francis        | 22,667,345                  | 230,748                        |            | 230,748                             | 0.239            |
| St. Joseph         | 17,180,593                  | 174,893                        |            | 174,893                             | 0.181            |
| St. Louis Park     | 94,823,849                  | 965,284                        |            | 965,284                             | 1.000            |
| St. Michael        | 50,115,466                  | 510,163                        |            | 510,163                             | 0.529            |
| St. Paul           | 549,770,663                 | 5,596,533                      |            | 5,596,533                           | 5.799            |
| St. Paul Park      | 13,680,903                  | 139,268                        |            | 139,268                             | 0.144            |
| St. Peter          | 33,110,178                  | 337,054                        |            | 337,054                             | 0.349            |
| Stewartville       | 8,522,646                   | 86,758                         |            | 86,758                              | 0.090            |
| Stillwater         | 42,126,790                  | 428,841                        |            | 428,841                             | 0.444            |
| Thief River Falls  | 41,616,494                  | 423,646                        |            | 423,646                             | 0.439            |
| Vadnais Heights    | 19,651,912                  | 200,052                        |            | 200,052                             | 0.207            |
| Victoria           | 16,434,321                  | 167,297                        |            | 167,297                             | 0.173            |
| Virginia           | 37,340,307                  | 380,115                        |            | 380,115                             | 0.394            |
| Waconia            | 33,384,405                  | 339,845                        |            | 339,845                             | 0.352            |
| Waite Park         | 20,515,558                  | 208,843                        |            | 208,843                             | 0.216            |
| Waseca             | 16,308,115                  | 166,013                        |            | 166,013                             | 0.172            |
| West St. Paul      | 31,464,458                  | 320,301                        |            | 320,301                             | 0.332            |
| White Bear Lake    | 45,398,460                  | 462,145                        |            | 462,145                             | 0.479            |
| Willmar            | 72,741,891                  | 740,495                        |            | 740,495                             | 0.767            |
| Winona             | 58,461,991                  | 595,129                        |            | 595,129                             | 0.617            |
| Woodbury           | 161,444,187                 | 1,643,463                      |            | 1,643,463                           | 1.703            |
| Worthington        | 25,803,428                  | 262,673                        |            | 262,673                             | 0.272            |
| Wyoming            | 32,120,496                  | 326,979                        |            | 326,979                             | 0.339            |
| Zimmerman          | 11,550,350                  | 117,580                        |            | 117,580                             | 0.122            |
| <b>State Total</b> | <b>\$9,480,164,744</b>      | <b>\$96,505,794</b>            | <b>\$0</b> | <b>\$96,505,794</b>                 | <b>100.0000</b>  |

Total Money Needs Apportionment = \$96,505,794

Total Construction Needs = \$9,480,164,744

Prorate distribution based on \$96,505,794 / \$9,480,164,744 = 0.010179759

**Construction Needs Allocation** = 0.010179759 x Construction Needs for each city

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were \$8,239,725,438

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## COMPARISON OF 2021 to 2022 CONSTRUCTION NEEDS ALLOCATIONS

| Municipality     | 2021<br>Construction<br>Needs<br>Allocations | 2022<br>Construction<br>Needs<br>Allocations | Increase<br>(Decrease) | %<br>Increase<br>(Decrease) |
|------------------|--|--|------------------------|-----------------------------|
| Albert Lea       | \$590,639                                    | \$588,205                                    | (\$2,434)              | (0.4)                       |
| Albertville      | 167,496                                      | 169,075                                      | 1,579                  | 0.9                         |
| Alexandria       | 784,111                                      | 793,076                                      | 8,965                  | 1.1                         |
| Andover          | 818,332                                      | 834,509                                      | 16,177                 | 2.0                         |
| Anoka            | 408,963                                      | 404,504                                      | (4,459)                | (1.1)                       |
| Apple Valley     | 994,326                                      | 1,000,207                                    | 5,881                  | 0.6                         |
| Arden Hills      | 149,227                                      | 149,992                                      | 765                    | 0.5                         |
| Austin           | 783,948                                      | 777,053                                      | (6,895)                | (0.9)                       |
| Baxter           | 427,927                                      | 432,166                                      | 4,239                  | 1.0                         |
| Belle Plaine     | 215,417                                      | 212,550                                      | (2,867)                | (1.3)                       |
| Bemidji          | 460,518                                      | 477,640                                      | 17,122                 | 3.7                         |
| Big Lake         | 213,348                                      | 214,560                                      | 1,212                  | 0.6                         |
| Blaine           | 1,320,256                                    | 1,323,065                                    | 2,809                  | 0.2                         |
| Bloomington      | 2,249,988                                    | 2,238,817                                    | (11,171)               | (0.5)                       |
| Brainerd         | 520,358                                      | 511,397                                      | (8,961)                | (1.7)                       |
| Brooklyn Center  | 575,309                                      | 575,929                                      | 620                    | 0.1                         |
| Brooklyn Park    | 1,548,532                                    | 1,560,276                                    | 11,744                 | 0.8                         |
| Buffalo          | 464,572                                      | 470,976                                      | 6,404                  | 1.4                         |
| Burnsville       | 1,254,927                                    | 1,263,543                                    | 8,616                  | 0.7                         |
| Byron            | 166,083                                      | 167,599                                      | 1,516                  | 0.9                         |
| Cambridge        | 419,318                                      | 417,230                                      | (2,088)                | (0.5)                       |
| Champlin         | 489,672                                      | 490,947                                      | 1,275                  | 0.3                         |
| Chanhassen       | 567,212                                      | 568,729                                      | 1,517                  | 0.3                         |
| Chaska           | 536,664                                      | 536,844                                      | 180                    | 0.0                         |
| Chisago City     | 159,117                                      | 159,781                                      | 664                    | 0.4                         |
| Chisholm         | 167,902                                      | 168,835                                      | 933                    | 0.6                         |
| Circle Pines     | 71,962                                       | 72,184                                       | 222                    | 0.3                         |
| Cloquet          | 472,342                                      | 473,333                                      | 991                    | 0.2                         |
| Columbia Heights | 273,002                                      | 274,985                                      | 1,983                  | 0.7                         |
| Coon Rapids      | 1,269,831                                    | 1,278,938                                    | 9,107                  | 0.7                         |
| Corcoran         | 286,401                                      | 294,019                                      | 7,618                  | 2.7                         |
| Cottage Grove    | 887,494                                      | 894,841                                      | 7,347                  | 0.8                         |
| Crookston        | 325,611                                      | 287,702                                      | (37,909)               | (11.6)                      |
| Crystal          | 365,342                                      | 367,329                                      | 1,987                  | 0.5                         |
| Dayton           | 196,990                                      | 195,673                                      | (1,317)                | (0.7)                       |
| Delano           | 146,749                                      | 131,604                                      | (15,145)               | (10.3)                      |
| Detroit Lakes    | 572,071                                      | 581,461                                      | 9,390                  | 1.6                         |
| Duluth           | 3,182,840                                    | 3,162,251                                    | (20,589)               | (0.6)                       |
| Eagan            | 1,359,895                                    | 1,363,834                                    | 3,939                  | 0.3                         |
| East Bethel      | 499,108                                      | 498,970                                      | (138)                  | (0.0)                       |
| East Grand Forks | 459,011                                      | 444,953                                      | (14,058)               | (3.1)                       |
| Eden Prairie     | 1,360,341                                    | 1,362,808                                    | 2,467                  | 0.2                         |
| Edina            | 1,185,330                                    | 1,182,936                                    | (2,394)                | (0.2)                       |
| Elk River        | 932,579                                      | 945,536                                      | 12,957                 | 1.4                         |
| Fairmont         | 472,513                                      | 472,885                                      | 372                    | 0.1                         |
| Falcon Heights   | 66,984                                       | 67,232                                       | 248                    | 0.4                         |
| Faribault        | 739,644                                      | 730,177                                      | (9,467)                | (1.3)                       |
| Farmington       | 372,453                                      | 372,357                                      | (96)                   | (0.0)                       |



| <b>Municipality</b> | <b>2021<br/>Construction<br/>Needs<br/>Allocations</b> | <b>2022<br/>Construction<br/>Needs<br/>Allocations</b> | <b>Increase<br/>(Decrease)</b> | <b>%<br/>Increase<br/>(Decrease)</b> |
|---------------------|--|--|--------------------------------|--------------------------------------|
| Fergus Falls        | \$683,893  | \$667,051  | (\$16,842)                     | (2.5)                                |
| Forest Lake         | 697,826  | 702,467  | 4,641                          | 0.7                                  |
| Fridley             | 514,007  | 517,907  | 3,900                          | 0.8                                  |
| Glencoe             | 174,668  | 177,828  | 3,160                          | 1.8                                  |
| Golden Valley       | 612,998  | 625,598  | 12,600                         | 2.1                                  |
| Grand Rapids        | 620,562  | 603,110  | (17,452)                       | (2.8)                                |
| Ham Lake            | 601,977  | 605,682  | 3,705                          | 0.6                                  |
| Hastings            | 548,856  | 549,930  | 1,074                          | 0.2                                  |
| Hermantown          | 421,043  | 424,013  | 2,970                          | 0.7                                  |
| Hibbing             | 1,037,360  | 1,043,109  | 5,749                          | 0.6                                  |
| Hopkins             | 275,151  | 275,962  | 811                            | 0.3                                  |
| Hugo                | 436,345  | 438,518  | 2,173                          | 0.5                                  |
| Hutchinson          | 506,920  | 500,069  | (6,851)                        | (1.4)                                |
| International Falls | 152,775  | 153,326  | 551                            | 0.4                                  |
| Inver Grove Heights | 805,152  | 807,279  | 2,127                          | 0.3                                  |
| Isanti              | 128,642  | 129,414  | 772                            | 0.6                                  |
| Jordan              | 141,994  | 139,164  | (2,830)                        | (2.0)                                |
| Kasson              | 135,975  | 135,561  | (414)                          | (0.3)                                |
| La Crescent         | 105,301  | 105,863  | 562                            | 0.5                                  |
| Lake City           | 154,564  | 155,325  | 761                            | 0.5                                  |
| Lake Elmo           | 390,624  | 428,960  | 38,336                         | 9.8                                  |
| Lakeville           | 1,665,789  | 1,753,830  | 88,041                         | 5.3                                  |
| Lino Lakes          | 462,306  | 464,766  | 2,460                          | 0.5                                  |
| Litchfield          | 174,434  | 170,686  | (3,748)                        | (2.1)                                |
| Little Canada       | 240,449  | 242,002  | 1,553                          | 0.6                                  |
| Little Falls        | 448,344  | 423,811  | (24,533)                       | (5.5)                                |
| Mahtomedi           | 186,391  | 188,712  | 2,321                          | 1.2                                  |
| Mankato             | 1,177,229  | 1,187,056  | 9,827                          | 0.8                                  |
| Maple Grove         | 1,513,414  | 1,527,147  | 13,733                         | 0.9                                  |
| Maplewood           | 891,887  | 884,956  | (6,931)                        | (0.8)                                |
| Marshall            | 457,529  | 460,207  | 2,678                          | 0.6                                  |
| Medina              | 230,952  | 232,073  | 1,121                          | 0.5                                  |
| Mendota Heights     | 338,332  | 336,562  | (1,770)                        | (0.5)                                |
| Minneapolis         | 7,093,273  | 6,958,855  | (134,418)                      | (1.9)                                |
| Minnetonka          | 1,225,544  | 1,237,017  | 11,473                         | 0.9                                  |
| Minnetrista         | 229,945  | 230,818  | 873                            | 0.4                                  |
| Montevideo          | 177,830  | 179,135  | 1,305                          | 0.7                                  |
| Monticello          | 297,939  | 357,628  | 59,689                         | 20.0                                 |
| Moorhead            | 1,613,046  | 1,574,525  | (38,521)                       | (2.4)                                |
| Morris              | 178,459  | 179,919  | 1,460                          | 0.8                                  |
| Mound               | 169,555  | 160,328  | (9,227)                        | (5.4)                                |
| Mounds View         | 223,224  | 224,839  | 1,615                          | 0.7                                  |
| New Brighton        | 310,496  | 311,544  | 1,048                          | 0.3                                  |
| New Hope            | 322,901  | 325,176  | 2,275                          | 0.7                                  |
| New Prague          | 193,546  | 192,964  | (582)                          | (0.3)                                |
| New Ulm             | 410,840  | 411,113  | 273                            | 0.1                                  |
| North Branch        | 512,996  | 534,868  | 21,872                         | 4.3                                  |
| North Mankato       | 393,701  | 405,719  | 12,018                         | 3.1                                  |
| North Saint Paul    | 242,406  | 240,184  | (2,222)                        | (0.9)                                |
| Northfield          | 384,738  | 388,090  | 3,352                          | 0.9                                  |
| Oak Grove           | 469,809  | 493,116  | 23,307                         | 5.0                                  |
| Oakdale             | 503,849  | 505,675  | 1,826                          | 0.4                                  |
| Orono               | 215,879  | 214,826  | (1,053)                        | (0.5)                                |

| <b>Municipality</b> | <b>2021<br/>Construction<br/>Needs<br/>Allocations</b> | <b>2022<br/>Construction<br/>Needs<br/>Allocations</b> | <b>Increase<br/>(Decrease)</b> | <b>%<br/>Increase<br/>(Decrease)</b> |
|---------------------|--|--|--------------------------------|--------------------------------------|
| Otsego              | \$519,846  | \$552,955  | \$33,109                       | 6.4                                  |
| Owatonna            | 849,886  | 849,866  | (20)                           | (0.0)                                |
| Plymouth            | 1,827,489  | 1,835,851  | 8,362                          | 0.5                                  |
| Prior Lake          | 505,519  | 511,933  | 6,414                          | 1.3                                  |
| Ramsey              | 726,583  | 728,359  | 1,776                          | 0.2                                  |
| Red Wing            | 612,023  | 613,989  | 1,966                          | 0.3                                  |
| Redwood Falls       | 211,297  | 209,987  | (1,310)                        | (0.6)                                |
| Richfield           | 752,635  | 743,528  | (9,107)                        | (1.2)                                |
| Robbinsdale         | 237,785  | 237,364  | (421)                          | (0.2)                                |
| Rochester           | 3,614,070  | 3,577,639  | (36,431)                       | (1.0)                                |
| Rogers              | 495,178  | 506,514  | 11,336                         | 2.3                                  |
| Rosemount           | 653,442  | 655,848  | 2,406                          | 0.4                                  |
| Roseville           | 680,389  | 684,747  | 4,358                          | 0.6                                  |
| Sartell             | 493,571  | 495,112  | 1,541                          | 0.3                                  |
| Sauk Rapids         | 411,451  | 400,828  | (10,623)                       | (2.6)                                |
| Savage              | 629,725  | 638,191  | 8,466                          | 1.3                                  |
| Shakopee            | 952,164  | 987,570  | 35,406                         | 3.7                                  |
| Shoreview           | 427,710  | 431,064  | 3,354                          | 0.8                                  |
| Shorewood           | 199,714  | 201,545  | 1,831                          | 0.9                                  |
| South Saint Paul    | 378,256  | 453,537  | 75,281                         | 19.9                                 |
| Spring Lake Park    | 130,015  | 131,351  | 1,336                          | 1.0                                  |
| Saint Anthony       | 161,127  | 160,216  | (911)                          | (0.6)                                |
| Saint Cloud         | 1,938,267  | 1,925,886  | (12,381)                       | (0.6)                                |
| Saint Francis       | 272,690  | 230,748  | (41,942)                       | (15.4)                               |
| Saint Joseph        | 174,359  | 174,893  | 534                            | 0.3                                  |
| Saint Louis Park    | 958,811  | 965,284  | 6,473                          | 0.7                                  |
| Saint Michael       | 513,795  | 510,163  | (3,632)                        | (0.7)                                |
| Saint Paul          | 5,775,280  | 5,596,533  | (178,747)                      | (3.1)                                |
| Saint Paul Park     | 142,600  | 139,268  | (3,332)                        | (2.3)                                |
| Saint Peter         | 336,972  | 337,054  | 82                             | 0.0                                  |
| Stewartville        | 86,344   | 86,758   | 414                            | 0.5                                  |
| Stillwater          | 425,152  | 428,841  | 3,689                          | 0.9                                  |
| Thief River Falls   | 446,438  | 423,646  | (22,792)                       | (5.1)                                |
| Vadnais Heights     | 198,553  | 200,052  | 1,499                          | 0.8                                  |
| Victoria            | 167,169  | 167,297  | 128                            | 0.1                                  |
| Virginia            | 377,529  | 380,115  | 2,586                          | 0.7                                  |
| Waconia             | 337,442  | 339,845  | 2,403                          | 0.7                                  |
| Waite Park          | 209,557  | 208,843  | (714)                          | (0.3)                                |
| Waseca              | 164,867  | 166,013  | 1,146                          | 0.7                                  |
| West St. Paul       | 317,692  | 320,301  | 2,609                          | 0.8                                  |
| White Bear Lake     | 458,740  | 462,145  | 3,405                          | 0.7                                  |
| Willmar             | 746,230  | 740,495  | (5,735)                        | (0.8)                                |
| Winona              | 592,451  | 595,129  | 2,678                          | 0.5                                  |
| Woodbury            | 1,634,616  | 1,643,463  | 8,847                          | 0.5                                  |
| Worthington         | 262,679  | 262,673  | (6)                            | (0.0)                                |
| Wyoming             | 324,436  | 326,979  | 2,543                          | 0.8                                  |
| Zimmerman           | 116,930  | 117,580  | 650                            | 0.6                                  |
| <b>TOTAL</b>        | <b>\$96,505,794</b>                                    | <b>\$96,505,794</b>                                    | <b>\$0</b>                     | <b>0.00</b>                          |

101 Cities Increase Their Constuction Needs Allocation  
47 Cities Decrease Their Constuction Needs Allocation

# TENTATIVE 2022 MSAS TOTAL ALLOCATIONS

Allocations are tentative. The actual revenue will be announced  
in January 2022 when the Commissioner of Transportation determines the annual allotments.

| <b>Municipality</b> | <b>2022 Population<br/>Allocations</b> | <b>2022 Construction<br/>Needs Allocations</b> | <b>2022 Total<br/>Allocations</b> | <b>Distribution<br/>Percentage</b> |
|---------------------|--|--|-----------------------------------|------------------------------------|
| Albert Lea          | \$438,185                              | \$588,205                                      | <b>\$1,026,390</b>                | 0.5318                             |
| Albertville         | 187,103                                | 169,075  | <b>356,178</b>                    | 0.1845                             |
| Alexandria          | 339,681                                | 793,076  | <b>1,132,757</b>                  | 0.5869                             |
| Andover             | 772,510                                | 834,509  | <b>1,607,019</b>                  | 0.8326                             |
| Anoka               | 424,654                                | 404,504  | <b>829,158</b>                    | 0.4296                             |
| Apple Valley        | 1,335,833                              | 1,000,207                                      | <b>2,336,040</b>                  | 1.2103                             |
| Arden Hills         | 235,514                                | 149,992  | <b>385,506</b>                    | 0.1997                             |
| Austin              | 620,217                                | 777,053  | <b>1,397,270</b>                  | 0.7239                             |
| Baxter              | 204,069                                | 432,166  | <b>636,235</b>                    | 0.3296                             |
| Belle Plaine        | 175,231                                | 212,550  | <b>387,781</b>                    | 0.2009                             |
| Bemidji             | 345,344                                | 477,640  | <b>822,984</b>                    | 0.4264                             |
| Big Lake            | 276,910                                | 214,560  | <b>491,470</b>                    | 0.2546                             |
| Blaine              | 1,663,974                              | 1,323,065                                      | <b>2,987,039</b>                  | 1.5476                             |
| Bloomington         | 2,132,323                              | 2,238,817                                      | <b>4,371,140</b>                  | 2.2647                             |
| Brainerd            | 341,103                                | 511,397  | <b>852,500</b>                    | 0.4417                             |
| Brooklyn Center     | 800,495                                | 575,929  | <b>1,376,424</b>                  | 0.7131                             |
| Brooklyn Park       | 2,049,175                              | 1,560,276                                      | <b>3,609,451</b>                  | 1.8701                             |
| Buffalo             | 383,115                                | 470,976  | <b>854,091</b>                    | 0.4425                             |
| Burnsville          | 1,524,050                              | 1,263,543                                      | <b>2,787,593</b>                  | 1.4443                             |
| Byron               | 149,569                                | 167,599  | <b>317,168</b>                    | 0.1643                             |
| Cambridge           | 227,741                                | 417,230  | <b>644,971</b>                    | 0.3342                             |
| Champlin            | 566,782                                | 490,947  | <b>1,057,729</b>                  | 0.5480                             |
| Chanhassen          | 614,838                                | 568,729  | <b>1,183,567</b>                  | 0.6132                             |
| Chaska              | 658,983                                | 536,844  | <b>1,195,827</b>                  | 0.6196                             |
| Chisago City        | 131,702                                | 159,781  | <b>291,483</b>                    | 0.1510                             |
| Chisholm            | 118,479                                | 168,835  | <b>287,314</b>                    | 0.1489                             |
| Circle Pines        | 119,072                                | 72,184   | <b>191,256</b>                    | 0.0991                             |
| Cloquet             | 297,810                                | 473,333  | <b>771,143</b>                    | 0.3995                             |
| Columbia Heights    | 520,670                                | 274,985  | <b>795,655</b>                    | 0.4122                             |
| Coon Rapids         | 1,507,036                              | 1,278,938                                      | <b>2,785,974</b>                  | 1.4434                             |
| Corcoran            | 146,559                                | 294,019  | <b>440,578</b>                    | 0.2283                             |
| Cottage Grove       | 920,325                                | 894,841  | <b>1,815,166</b>                  | 0.9404                             |
| Crookston           | 177,293                                | 287,702  | <b>464,995</b>                    | 0.2409                             |
| Crystal             | 552,825                                | 367,329  | <b>920,154</b>                    | 0.4767                             |
| Dayton              | 172,080                                | 195,673  | <b>367,753</b>                    | 0.1905                             |
| Delano              | 153,644                                | 131,604  | <b>285,248</b>                    | 0.1478                             |
| Detroit Lakes       | 233,855                                | 581,461  | <b>815,316</b>                    | 0.4224                             |
| Duluth              | 2,054,364                              | 3,162,251                                      | <b>5,216,615</b>                  | 2.7027                             |
| Eagan               | 1,631,582                              | 1,363,834                                      | <b>2,995,416</b>                  | 1.5519                             |
| East Bethel         | 279,280                                | 498,970  | <b>778,250</b>                    | 0.4032                             |
| East Grand Forks    | 217,434                                | 444,953  | <b>662,387</b>                    | 0.3432                             |
| Eden Prairie        | 1,521,230                              | 1,362,808                                      | <b>2,884,038</b>                  | 1.4942                             |
| Edina               | 1,267,589                              | 1,182,936                                      | <b>2,450,525</b>                  | 1.2696                             |
| Elk River           | 612,184                                | 945,536  | <b>1,557,720</b>                  | 0.8071                             |
| Fairmont            | 248,499                                | 472,885  | <b>721,384</b>                    | 0.3738                             |

| <b>Municipality</b> | <b>2022 Population<br/>Allocations</b> | <b>2022 Construction<br/>Needs Allocations</b> | <b>2022 Total<br/>Allocations</b> | <b>Distribution<br/>Percentage</b> |
|---------------------|--|--|-----------------------------------|------------------------------------|
| Falcon Heights      | \$127,223                              | \$67,232                                       | <b>\$194,455</b>                  | 0.1007                             |
| Faribault           | 579,436                                | 730,177  | <b>1,309,613</b>                  | 0.6785                             |
| Farmington          | 559,982                                | 372,357  | <b>932,339</b>                    | 0.4830                             |
| Fergus Falls        | 334,562                                | 667,051  | <b>1,001,613</b>                  | 0.5189                             |
| Forest Lake         | 488,396                                | 702,467  | <b>1,190,863</b>                  | 0.6170                             |
| Fridley             | 701,162                                | 517,907  | <b>1,219,069</b>                  | 0.6316                             |
| Glencoe             | 136,109                                | 177,828  | <b>313,937</b>                    | 0.1627                             |
| Golden Valley       | 534,390                                | 625,598  | <b>1,159,988</b>                  | 0.6010                             |
| Grand Rapids        | 263,641                                | 603,110  | <b>866,751</b>                    | 0.4491                             |
| Ham Lake            | 390,129                                | 605,682  | <b>995,811</b>                    | 0.5159                             |
| Hastings            | 524,959                                | 549,930  | <b>1,074,889</b>                  | 0.5569                             |
| Hermantown          | 242,196                                | 424,013  | <b>666,209</b>                    | 0.3452                             |
| Hibbing             | 384,205                                | 1,043,109                                      | <b>1,427,314</b>                  | 0.7395                             |
| Hopkins             | 452,094                                | 275,962  | <b>728,056</b>                    | 0.3772                             |
| Hugo                | 373,590                                | 438,518  | <b>812,108</b>                    | 0.4208                             |
| Hutchinson          | 345,937                                | 500,069  | <b>846,006</b>                    | 0.4383                             |
| International Falls | 137,484                                | 153,326  | <b>290,810</b>                    | 0.1507                             |
| Inver Grove Heights | 848,337                                | 807,279  | <b>1,655,616</b>                  | 0.8578                             |
| Isanti              | 161,227                                | 129,414  | <b>290,641</b>                    | 0.1506                             |
| Jordan              | 157,720                                | 139,164  | <b>296,884</b>                    | 0.1538                             |
| Kasson              | 162,341                                | 135,561  | <b>297,902</b>                    | 0.1543                             |
| La Crescent         | 125,020                                | 105,863  | <b>230,883</b>                    | 0.1196                             |
| Lake City           | 124,451                                | 155,325  | <b>279,776</b>                    | 0.1450                             |
| Lake Elmo           | 268,593                                | 428,960  | <b>697,553</b>                    | 0.3614                             |
| Lakeville           | 1,646,629                              | 1,753,830                                      | <b>3,400,459</b>                  | 1.7618                             |
| Lino Lakes          | 507,069                                | 464,766  | <b>971,835</b>                    | 0.5035                             |
| Litchfield          | 156,962                                | 170,686  | <b>327,648</b>                    | 0.1698                             |
| Little Canada       | 256,366                                | 242,002  | <b>498,368</b>                    | 0.2582                             |
| Little Falls        | 216,581                                | 423,811  | <b>640,392</b>                    | 0.3318                             |
| Mahtomedi           | 192,837                                | 188,712  | <b>381,549</b>                    | 0.1977                             |
| Mankato             | 1,054,183                              | 1,187,056                                      | <b>2,241,239</b>                  | 1.1612                             |
| Maple Grove         | 1,664,708                              | 1,527,147                                      | <b>3,191,855</b>                  | 1.6537                             |
| Maplewood           | 997,313                                | 884,956  | <b>1,882,269</b>                  | 0.9752                             |
| Marshall            | 322,928                                | 460,207  | <b>783,135</b>                    | 0.4057                             |
| Medina              | 162,009                                | 232,073  | <b>394,082</b>                    | 0.2042                             |
| Mendota Heights     | 278,285                                | 336,562  | <b>614,847</b>                    | 0.3186                             |
| Minneapolis         | 10,188,149                             | 6,958,855                                      | <b>17,147,004</b>                 | 8.8839                             |
| Minnetonka          | 1,274,390                              | 1,237,017                                      | <b>2,511,407</b>                  | 1.3012                             |
| Minnetrista         | 195,776                                | 230,818  | <b>426,594</b>                    | 0.2210                             |
| Montevideo          | 127,911                                | 179,135  | <b>307,046</b>                    | 0.1591                             |
| Monticello          | 342,524                                | 357,628  | <b>700,152</b>                    | 0.3628                             |
| Moorhead            | 1,054,586                              | 1,574,525                                      | <b>2,629,111</b>                  | 1.3622                             |
| Morris              | 120,968                                | 179,919  | <b>300,887</b>                    | 0.1559                             |
| Mound               | 222,694                                | 160,328  | <b>383,022</b>                    | 0.1984                             |
| Mounds View         | 313,947                                | 224,839  | <b>538,786</b>                    | 0.2791                             |
| New Brighton        | 555,764                                | 311,544  | <b>867,308</b>                    | 0.4494                             |
| New Hope            | 520,978                                | 325,176  | <b>846,154</b>                    | 0.4384                             |
| New Prague          | 193,406                                | 192,964  | <b>386,370</b>                    | 0.2002                             |
| New Ulm             | 334,586                                | 411,113  | <b>745,699</b>                    | 0.3863                             |
| North Branch        | 255,608                                | 534,868  | <b>790,476</b>                    | 0.4095                             |
| North Mankato       | 338,259                                | 405,719  | <b>743,978</b>                    | 0.3855                             |
| North St. Paul      | 292,976                                | 240,184  | <b>533,160</b>                    | 0.2762                             |

| <b>Municipality</b> | <b>2022 Population<br/>Allocations</b> | <b>2022 Construction<br/>Needs Allocations</b> | <b>2022 Total<br/>Allocations</b> | <b>Distribution<br/>Percentage</b> |
|---------------------|--|--|-----------------------------------|------------------------------------|
| Northfield          | \$492,638                              | \$388,090                                      | \$880,728                         | 0.4563                             |
| Oak Grove           | 211,581                                | 493,116  | 704,697                           | 0.3651                             |
| Oakdale             | 670,665                                | 505,675  | 1,176,340                         | 0.6095                             |
| Orono               | 197,031                                | 214,826  | 411,857                           | 0.2134                             |
| Otsego              | 473,112                                | 552,955  | 1,026,067                         | 0.5316                             |
| Owatonna            | 626,046                                | 849,866  | 1,475,912                         | 0.7647                             |
| Plymouth            | 1,919,984                              | 1,835,851                                      | 3,755,835                         | 1.9459                             |
| Prior Lake          | 654,410                                | 511,933  | 1,166,343                         | 0.6043                             |
| Ramsey              | 655,097                                | 728,359  | 1,383,456                         | 0.7168                             |
| Red Wing            | 392,096                                | 613,989  | 1,006,085                         | 0.5213                             |
| Redwood Falls       | 120,897                                | 209,987  | 330,884                           | 0.1714                             |
| Richfield           | 876,606                                | 743,528  | 1,620,134                         | 0.8394                             |
| Robbinsdale         | 347,050                                | 237,364  | 584,414                           | 0.3028                             |
| Rochester           | 2,876,565                              | 3,577,639                                      | 6,454,204                         | 3.3439                             |
| Rogers              | 315,037                                | 506,514  | 821,551                           | 0.4256                             |
| Rosemount           | 607,800                                | 655,848  | 1,263,648                         | 0.6547                             |
| Roseville           | 859,071                                | 684,747  | 1,543,818                         | 0.7999                             |
| Sartell             | 458,539                                | 495,112  | 953,651                           | 0.4941                             |
| Sauk Rapids         | 328,473                                | 400,828  | 729,301                           | 0.3779                             |
| Savage              | 769,288                                | 638,191  | 1,407,479                         | 0.7292                             |
| Shakopee            | 1,035,464                              | 987,570  | 2,023,034                         | 1.0481                             |
| Shoreview           | 637,917                                | 431,064  | 1,068,981                         | 0.5538                             |
| Shorewood           | 184,425                                | 201,545  | 385,970                           | 0.2000                             |
| South St. Paul      | 491,903                                | 453,537  | 945,440                           | 0.4898                             |
| Spring Lake Park    | 170,326                                | 131,351  | 301,677                           | 0.1563                             |
| St. Anthony         | 219,353                                | 160,216  | 379,569                           | 0.1967                             |
| St. Cloud           | 1,632,198                              | 1,925,886                                      | 3,558,084                         | 1.8435                             |
| St. Francis         | 192,932                                | 230,748  | 423,680                           | 0.2195                             |
| St. Joseph          | 166,559                                | 174,893  | 341,452                           | 0.1769                             |
| St. Louis Park      | 1,185,032                              | 965,284  | 2,150,316                         | 1.1141                             |
| St. Michael         | 432,095                                | 510,163  | 942,258                           | 0.4882                             |
| St. Paul            | 7,381,914                              | 5,596,533                                      | 12,978,447                        | 6.7242                             |
| St. Paul Park       | 131,370                                | 139,268  | 270,638                           | 0.1402                             |
| St. Peter           | 285,915                                | 337,054  | 622,969                           | 0.3228                             |
| Stewartville        | 158,455                                | 86,758   | 245,213                           | 0.1270                             |
| Stillwater          | 459,558                                | 428,841  | 888,399                           | 0.4603                             |
| Thief River Falls   | 207,315                                | 423,646  | 630,961                           | 0.3269                             |
| Vadnais Heights     | 305,962                                | 200,052  | 506,014                           | 0.2622                             |
| Victoria            | 249,897                                | 167,297  | 417,194                           | 0.2161                             |
| Virginia            | 199,543                                | 380,115  | 579,658                           | 0.3003                             |
| Waconia             | 308,829                                | 339,845  | 648,674                           | 0.3361                             |
| Waite Park          | 197,648                                | 208,843  | 406,491                           | 0.2106                             |
| Waseca              | 218,690                                | 166,013  | 384,703                           | 0.1993                             |
| West St. Paul       | 488,491                                | 320,301  | 808,792                           | 0.4190                             |
| White Bear Lake     | 589,625                                | 462,145  | 1,051,770                         | 0.5449                             |
| Willmar             | 497,969                                | 740,495  | 1,238,464                         | 0.6417                             |
| Winona              | 614,861                                | 595,129  | 1,209,990                         | 0.6269                             |
| Woodbury            | 1,779,609                              | 1,643,463                                      | 3,423,072                         | 1.7735                             |
| Worthington         | 330,487                                | 262,673  | 593,160                           | 0.3073                             |
| Wyoming             | 190,326                                | 326,979  | 517,305                           | 0.2680                             |
| Zimmerman           | 146,654                                | 117,580  | 264,234                           | 0.1369                             |
| <b>Total</b>        | <b>\$96,505,795</b>                    | <b>\$96,505,794</b>                            | <b>\$193,011,589</b>              | <b>100.0000</b>                    |

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## COMPARISON OF THE 2021 AND 2022 TENTATIVE TOTAL ALLOCATIONS

| Municipality     | 2021 Total<br>Allocations | 2022 Total<br>Allocations | Increase<br>(Decrease)<br>Amount | %<br>Increase<br>(Decrease) |
|------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
| Albert Lea       | \$1,022,475               | \$1,026,390               | \$3,915                          | 0.4                         |
| Albertville      | 346,570                   | 356,178                   | 9,608                            | 2.8                         |
| Alexandria       | 1,121,254                 | 1,132,757                 | 11,503                           | 1.0                         |
| Andover          | 1,601,458                 | 1,607,019                 | 5,561                            | 0.3                         |
| Anoka            | 854,994                   | 829,158                   | (25,836)                         | (3.0)                       |
| Apple Valley     | 2,289,931                 | 2,336,040                 | 46,109                           | 2.0                         |
| Arden Hills      | 387,580                   | 385,506                   | (2,074)                          | (0.5)                       |
| Austin           | 1,395,526                 | 1,397,270                 | 1,744                            | 0.1                         |
| Baxter           | 631,675                   | 636,235                   | 4,560                            | 0.7                         |
| Belle Plaine     | 388,085                   | 387,781                   | (304)                            | (0.1)                       |
| Bemidji          | 849,152                   | 822,984                   | (26,168)                         | (3.1)                       |
| Big Lake         | 488,450                   | 491,470                   | 3,020                            | 0.6                         |
| Blaine           | 2,938,309                 | 2,987,039                 | 48,730                           | 1.7                         |
| Bloomington      | 4,399,906                 | 4,371,140                 | (28,766)                         | (0.7)                       |
| Brainerd         | 847,951                   | 852,500                   | 4,549                            | 0.5                         |
| Brooklyn Center  | 1,354,625                 | 1,376,424                 | 21,799                           | 1.6                         |
| Brooklyn Park    | 3,512,040                 | 3,609,451                 | 97,411                           | 2.8                         |
| Buffalo          | 858,922                   | 854,091                   | (4,831)                          | (0.6)                       |
| Burnsville       | 2,750,231                 | 2,787,593                 | 37,362                           | 1.4                         |
| Byron            | 307,671                   | 317,168                   | 9,497                            | 3.1                         |
| Cambridge        | 639,595                   | 644,971                   | 5,376                            | 0.8                         |
| Champlin         | 1,066,764                 | 1,057,729                 | (9,035)                          | (0.8)                       |
| Chanhassen       | 1,193,056                 | 1,183,567                 | (9,489)                          | (0.8)                       |
| Chaska           | 1,196,184                 | 1,195,827                 | (357)                            | (0.0)                       |
| Chisago City     | 290,130                   | 291,483                   | 1,353                            | 0.5                         |
| Chisholm         | 286,983                   | 287,314                   | 331                              | 0.1                         |
| Circle Pines     | 192,496                   | 191,256                   | (1,240)                          | (0.6)                       |
| Cloquet          | 767,044                   | 771,143                   | 4,099                            | 0.5                         |
| Columbia Heights | 776,097                   | 795,655                   | 19,558                           | 2.5                         |
| Coon Rapids      | 2,793,310                 | 2,785,974                 | (7,336)                          | (0.3)                       |
| Corcoran         | 428,965                   | 440,578                   | 11,613                           | 2.7                         |
| Cottage Grove    | 1,787,630                 | 1,815,166                 | 27,536                           | 1.5                         |
| Crookston        | 516,594                   | 464,995                   | (51,599)                         | (10.0)                      |
| Crystal          | 919,356                   | 920,154                   | 798                              | 0.1                         |
| Dayton           | 347,509                   | 367,753                   | 20,244                           | 5.8                         |
| Delano           | 296,363                   | 285,248                   | (11,115)                         | (3.8)                       |
| Detroit Lakes    | 804,137                   | 815,316                   | 11,179                           | 1.4                         |
| Duluth           | 5,262,142                 | 5,216,615                 | (45,527)                         | (0.9)                       |
| Eagan            | 3,008,718                 | 2,995,416                 | (13,302)                         | (0.4)                       |
| East Bethel      | 789,285                   | 778,250                   | (11,035)                         | (1.4)                       |
| East Grand Forks | 670,809                   | 662,387                   | (8,422)                          | (1.3)                       |
| Eden Prairie     | 2,898,085                 | 2,884,038                 | (14,047)                         | (0.5)                       |
| Edina            | 2,453,975                 | 2,450,525                 | (3,450)                          | (0.1)                       |
| Elk River        | 1,533,773                 | 1,557,720                 | 23,947                           | 1.6                         |
| Fairmont         | 726,537                   | 721,384                   | (5,153)                          | (0.7)                       |
| Falcon Heights   | 196,687                   | 194,455                   | (2,232)                          | (1.1)                       |
| Faribault        | 1,309,138                 | 1,309,613                 | 475                              | 0.0                         |
| Farmington       | 923,156                   | 932,339                   | 9,183                            | 1.0                         |



| Municipality        | 2021 Total Allocations | 2022 Total Allocations | Increase (Decrease) Amount | % Increase (Decrease) |
|---------------------|------------------------|------------------------|----------------------------|-----------------------|
| Fergus Falls        | \$1,011,748            | \$1,001,613            | (\$10,135)                 | (1.0)                 |
| Forest Lake         | 1,193,157              | 1,190,863              | (2,294)                    | (0.2)                 |
| Fridley             | 1,213,586              | 1,219,069              | 5,483                      | 0.5                   |
| Glencoe             | 308,777                | 313,937                | 5,160                      | 1.7                   |
| Golden Valley       | 1,153,984              | 1,159,988              | 6,004                      | 0.5                   |
| Grand Rapids        | 891,829                | 866,751                | (25,078)                   | (2.8)                 |
| Ham Lake            | 999,851                | 995,811                | (4,040)                    | (0.4)                 |
| Hastings            | 1,095,796              | 1,074,889              | (20,907)                   | (1.9)                 |
| Hermantown          | 649,751                | 666,209                | 16,458                     | 2.5                   |
| Hibbing             | 1,427,018              | 1,427,314              | 296                        | 0.0                   |
| Hopkins             | 740,878                | 728,056                | (12,822)                   | (1.7)                 |
| Hugo                | 802,830                | 812,108                | 9,278                      | 1.2                   |
| Hutchinson          | 847,064                | 846,006                | (1,058)                    | (0.1)                 |
| International Falls | 305,771                | 290,810                | (14,961)                   | (4.9)                 |
| Inver Grove Heights | 1,646,366              | 1,655,616              | 9,250                      | 0.6                   |
| Isanti              | 277,089                | 290,641                | 13,552                     | 4.9                   |
| Jordan              | 296,728                | 296,884                | 156                        | 0.1                   |
| Kasson              | 291,948                | 297,902                | 5,954                      | 2.0                   |
| La Crescent         | 228,717                | 230,883                | 2,166                      | 0.9                   |
| Lake City           | 277,861                | 279,776                | 1,915                      | 0.7                   |
| Lake Elmo           | 655,104                | 697,553                | 42,449                     | 6.5                   |
| Lakeville           | 3,233,637              | 3,400,459              | 166,822                    | 5.2                   |
| Lino Lakes          | 986,145                | 971,835                | (14,310)                   | (1.5)                 |
| Litchfield          | 336,051                | 327,648                | (8,403)                    | (2.5)                 |
| Little Canada       | 492,425                | 498,368                | 5,943                      | 1.2                   |
| Little Falls        | 660,999                | 640,392                | (20,607)                   | (3.1)                 |
| Mahtomedi           | 377,421                | 381,549                | 4,128                      | 1.1                   |
| Mankato             | 2,234,409              | 2,241,239              | 6,830                      | 0.3                   |
| Maple Grove         | 3,135,325              | 3,191,855              | 56,530                     | 1.8                   |
| Maplewood           | 1,885,930              | 1,882,269              | (3,661)                    | (0.2)                 |
| Marshall            | 787,027                | 783,135                | (3,892)                    | (0.5)                 |
| Medina              | 392,617                | 394,082                | 1,465                      | 0.4                   |
| Mendota Heights     | 618,102                | 614,847                | (3,255)                    | (0.5)                 |
| Minneapolis         | 17,474,422             | 17,147,004             | (327,418)                  | (1.9)                 |
| Minnetonka          | 2,514,980              | 2,511,407              | (3,573)                    | (0.1)                 |
| Minnetrista         | 423,047                | 426,594                | 3,547                      | 0.8                   |
| Montevideo          | 306,033                | 307,046                | 1,013                      | 0.3                   |
| Monticello          | 628,914                | 700,152                | 71,238                     | 11.3                  |
| Moorhead            | 2,664,939              | 2,629,111              | (35,828)                   | (1.3)                 |
| Morris              | 309,401                | 300,887                | (8,514)                    | (2.8)                 |
| Mound               | 394,547                | 383,022                | (11,525)                   | (2.9)                 |
| Mounds View         | 545,053                | 538,786                | (6,267)                    | (1.1)                 |
| New Brighton        | 868,440                | 867,308                | (1,132)                    | (0.1)                 |
| New Hope            | 855,814                | 846,154                | (9,660)                    | (1.1)                 |
| New Prague          | 389,983                | 386,370                | (3,613)                    | (0.9)                 |
| New Ulm             | 733,836                | 745,699                | 11,863                     | 1.6                   |
| North Branch        | 773,022                | 790,476                | 17,454                     | 2.3                   |
| North Mankato       | 729,844                | 743,978                | 14,134                     | 1.9                   |
| North St. Paul      | 532,036                | 533,160                | 1,124                      | 0.2                   |
| Northfield          | 872,828                | 880,728                | 7,900                      | 0.9                   |
| Oak Grove           | 681,012                | 704,697                | 23,685                     | 3.5                   |
| Oakdale             | 1,169,037              | 1,176,340              | 7,303                      | 0.6                   |
| Orono               | 413,173                | 411,857                | (1,316)                    | (0.3)                 |

| Municipality      | 2021 Total Allocations | 2022 Total Allocations | Increase (Decrease) Amount | % Increase (Decrease) |
|-------------------|------------------------|------------------------|----------------------------|-----------------------|
| Otsego            | \$951,635              | \$1,026,067            | \$74,432                   | 7.8                   |
| Owatonna          | 1,476,587              | 1,475,912              | (675)                      | (0.0)                 |
| Plymouth          | 3,720,286              | 3,755,835              | 35,549                     | 1.0                   |
| Prior Lake        | 1,148,677              | 1,166,343              | 17,666                     | 1.5                   |
| Ramsey            | 1,375,886              | 1,383,456              | 7,570                      | 0.6                   |
| Red Wing          | 1,004,015              | 1,006,085              | 2,070                      | 0.2                   |
| Redwood Falls     | 336,475                | 330,884                | (5,591)                    | (1.7)                 |
| Richfield         | 1,633,670              | 1,620,134              | (13,536)                   | (0.8)                 |
| Robbinsdale       | 588,860                | 584,414                | (4,446)                    | (0.8)                 |
| Rochester         | 6,471,283              | 6,454,204              | (17,079)                   | (0.3)                 |
| Rogers            | 810,315                | 821,551                | 11,236                     | 1.4                   |
| Rosemount         | 1,253,659              | 1,263,648              | 9,989                      | 0.8                   |
| Roseville         | 1,553,112              | 1,543,818              | (9,294)                    | (0.6)                 |
| Sartell           | 948,628                | 953,651                | 5,023                      | 0.5                   |
| Sauk Rapids       | 750,690                | 729,301                | (21,389)                   | (2.8)                 |
| Savage            | 1,397,680              | 1,407,479              | 9,799                      | 0.7                   |
| Shakopee          | 1,941,206              | 2,023,034              | 81,828                     | 4.2                   |
| Shoreview         | 1,063,485              | 1,068,981              | 5,496                      | 0.5                   |
| Shorewood         | 388,672                | 385,970                | (2,702)                    | (0.7)                 |
| South St. Paul    | 873,015                | 945,440                | 72,425                     | 8.3                   |
| Spring Lake Park  | 289,560                | 301,677                | 12,117                     | 4.2                   |
| St. Anthony       | 375,950                | 379,569                | 3,619                      | 1.0                   |
| St. Cloud         | 3,570,252              | 3,558,084              | (12,168)                   | (0.3)                 |
| St. Francis       | 464,387                | 423,680                | (40,707)                   | (8.8)                 |
| St. Joseph        | 349,218                | 341,452                | (7,766)                    | (2.2)                 |
| St. Louis Park    | 2,145,670              | 2,150,316              | 4,646                      | 0.2                   |
| St. Michael       | 946,227                | 942,258                | (3,969)                    | (0.4)                 |
| St. Paul          | 13,299,431             | 12,978,447             | (320,984)                  | (2.4)                 |
| St. Paul Park     | 276,233                | 270,638                | (5,595)                    | (2.0)                 |
| St. Peter         | 623,553                | 622,969                | (584)                      | (0.1)                 |
| Stewartville      | 236,005                | 245,213                | 9,208                      | 3.9                   |
| Stillwater        | 896,095                | 888,399                | (7,696)                    | (0.9)                 |
| Thief River Falls | 662,475                | 630,961                | (31,514)                   | (4.8)                 |
| Vadnais Heights   | 516,214                | 506,014                | (10,200)                   | (2.0)                 |
| Victoria          | 419,264                | 417,194                | (2,070)                    | (0.5)                 |
| Virginia          | 585,016                | 579,658                | (5,358)                    | (0.9)                 |
| Waconia           | 653,650                | 648,674                | (4,976)                    | (0.8)                 |
| Waite Park        | 395,348                | 406,491                | 11,143                     | 2.8                   |
| Waseca            | 389,026                | 384,703                | (4,323)                    | (1.1)                 |
| West St. Paul     | 822,716                | 808,792                | (13,924)                   | (1.7)                 |
| White Bear Lake   | 1,072,056              | 1,051,770              | (20,286)                   | (1.9)                 |
| Willmar           | 1,227,938              | 1,238,464              | 10,526                     | 0.9                   |
| Winona            | 1,250,113              | 1,209,990              | (40,123)                   | (3.2)                 |
| Woodbury          | 3,340,240              | 3,423,072              | 82,832                     | 2.5                   |
| Worthington       | 584,722                | 593,160                | 8,438                      | 1.4                   |
| Wyoming           | 517,895                | 517,305                | (590)                      | (0.1)                 |
| Zimmerman         | 256,874                | 264,234                | 7,360                      | 2.9                   |
| <b>Total</b>      | <b>\$193,011,589</b>   | <b>\$193,011,589</b>   | <b>\$0</b>                 | <b>0.0</b>            |

77 Cities Increased Their Total Allocation  
71 Cities Decreased Their Total Allocation



## 2022 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

| Municipality     | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Population<br>Allocation<br>Per Need Mile |
|------------------|-----------------------------------|---|
| Minneapolis      | 206.69                            | \$49,292  |
| Hopkins          | 9.99                              | 45,255  |
| St. Paul         | 164.52                            | 44,869  |
| Columbia Heights | 12.50                             | 41,654  |
| New Hope         | 12.86                             | 40,512  |
| Falcon Heights   | 3.29                              | 38,670  |
| Brooklyn Center  | 21.39                             | 37,424  |
| St. Anthony      | 5.95                              | 36,866  |
| New Brighton     | 15.27                             | 36,396  |
| West St. Paul    | 13.54                             | 36,078  |
| Apple Valley     | 37.50                             | 35,622  |
| St. Louis Park   | 33.33                             | 35,555  |
| Richfield        | 24.69                             | 35,504  |
| Oakdale          | 19.31                             | 34,731  |
| Robbinsdale      | 10.05                             | 34,532  |
| Burnsville       | 44.89                             | 33,951  |
| Brooklyn Park    | 60.71                             | 33,754  |
| Stewartville     | 4.71                              | 33,642  |
| Vadnais Heights  | 9.17                              | 33,366  |
| Circle Pines     | 3.60                              | 33,076  |
| Farmington       | 16.95                             | 33,037  |
| Eagan            | 49.43                             | 33,008  |
| Blaine           | 50.71                             | 32,814  |
| Shoreview        | 19.69                             | 32,398  |
| Coon Rapids      | 46.99                             | 32,071  |
| Crystal          | 17.57                             | 31,464  |
| Eden Prairie     | 48.61                             | 31,295  |
| Edina            | 40.85                             | 31,030  |
| Arden Hills      | 7.64                              | 30,826  |
| Fridley          | 22.87                             | 30,659  |
| Woodbury         | 60.30                             | 29,513  |
| Spring Lake Park | 5.81                              | 29,316  |
| Mounds View      | 10.86                             | 28,909  |
| Northfield       | 17.06                             | 28,877  |

| Municipality     | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Money Needs<br>Allocation<br>Per Need Mile |
|------------------|-----------------------------------|--|
| St. Paul         | 164.52                            | \$34,017   |
| Minneapolis      | 206.69                            | 33,668   |
| Rochester        | 111.34                            | 32,133   |
| Moorhead         | 49.89                             | 31,560   |
| Richfield        | 24.69                             | 30,115   |
| Bloomington      | 76.12                             | 29,412   |
| Mankato          | 40.94                             | 28,995   |
| St. Louis Park   | 33.33                             | 28,961   |
| Edina            | 40.85                             | 28,958   |
| St. Cloud        | 67.85                             | 28,384   |
| Burnsville       | 44.89                             | 28,148   |
| Eden Prairie     | 48.61                             | 28,036   |
| Sauk Rapids      | 14.37                             | 27,893   |
| Hopkins          | 9.99                              | 27,624   |
| Eagan            | 49.43                             | 27,591   |
| Plymouth         | 67.32                             | 27,271   |
| Woodbury         | 60.30                             | 27,255   |
| Coon Rapids      | 46.99                             | 27,217   |
| Winona           | 21.89                             | 27,187   |
| St. Anthony      | 5.95                              | 26,927   |
| Brooklyn Center  | 21.39                             | 26,925   |
| Waite Park       | 7.77                              | 26,878   |
| Duluth           | 118.03                            | 26,792   |
| Apple Valley     | 37.50                             | 26,672   |
| East Grand Forks | 16.74                             | 26,580   |
| Willmar          | 28.15                             | 26,305   |
| Oakdale          | 19.31                             | 26,187   |
| Golden Valley    | 23.89                             | 26,187   |
| Sartell          | 18.92                             | 26,169   |
| Faribault        | 27.97                             | 26,106   |
| Blaine           | 50.71                             | 26,091   |
| Fergus Falls     | 25.79                             | 25,865   |
| Maple Grove      | 59.06                             | 25,858   |
| Brainerd         | 19.86                             | 25,750   |

| Municipality     | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Total<br>Allocation<br>Per Need Mile |
|------------------|-----------------------------------|--|
| Minneapolis      | 206.69                            | \$82,960                                     |
| St. Paul         | 164.52                            | 78,887                                       |
| Hopkins          | 9.99                              | 72,878                                       |
| New Hope         | 12.86                             | 65,797                                       |
| Richfield        | 24.69                             | 65,619                                       |
| St. Louis Park   | 33.33                             | 64,516                                       |
| Brooklyn Center  | 21.39                             | 64,349                                       |
| St. Anthony      | 5.95                              | 63,793                                       |
| Columbia Heights | 12.50                             | 63,652                                       |
| Apple Valley     | 37.50                             | 62,294                                       |
| Burnsville       | 44.89                             | 62,098                                       |
| Oakdale          | 19.31                             | 60,919                                       |
| Eagan            | 49.43                             | 60,599                                       |
| Edina            | 40.85                             | 59,988                                       |
| West St. Paul    | 13.54                             | 59,734                                       |
| Brooklyn Park    | 60.71                             | 59,454                                       |
| Eden Prairie     | 48.61                             | 59,330                                       |
| Coon Rapids      | 46.99                             | 59,289                                       |
| Falcon Heights   | 3.29                              | 59,105                                       |
| Blaine           | 50.71                             | 58,904                                       |
| Robbinsdale      | 10.05                             | 58,151                                       |
| Rochester        | 111.34                            | 57,968                                       |
| Bloomington      | 76.12                             | 57,424                                       |
| New Brighton     | 15.27                             | 56,798                                       |
| Woodbury         | 60.30                             | 56,767                                       |
| Plymouth         | 67.32                             | 55,791                                       |
| Winona           | 21.89                             | 55,276                                       |
| Vadnais Heights  | 9.17                              | 55,181                                       |
| Farmington       | 16.95                             | 55,005                                       |
| Mankato          | 40.94                             | 54,744                                       |
| Shoreview        | 19.69                             | 54,291                                       |
| Maple Grove      | 59.06                             | 54,044                                       |
| Fridley          | 22.87                             | 53,304                                       |
| Circle Pines     | 3.60                              | 53,127                                       |

| Municipality        | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Population<br>Allocation<br>Per Need Mile |
|---------------------|-----------------------------------|---|
| Chaska              | 22.94                             | \$28,726  |
| Plymouth            | 67.32                             | 28,520  |
| Victoria            | 8.77                              | 28,495  |
| Waseca              | 7.71                              | 28,364  |
| Champlin            | 20.07                             | 28,240  |
| Maple Grove         | 59.06                             | 28,187  |
| White Bear Lake     | 20.94                             | 28,158  |
| Winona              | 21.89                             | 28,089  |
| Worthington         | 11.78                             | 28,055  |
| Mound               | 7.94                              | 28,047  |
| Bloomington         | 76.12                             | 28,013  |
| Savage              | 27.50                             | 27,974  |
| Roseville           | 31.58                             | 27,203  |
| Maplewood           | 36.68                             | 27,190  |
| Prior Lake          | 24.08                             | 27,176  |
| Chanhassen          | 22.76                             | 27,014  |
| Jordan              | 6.10                              | 25,856  |
| Rochester           | 111.34                            | 25,836  |
| Mankato             | 40.94                             | 25,749  |
| North St. Paul      | 11.39                             | 25,722  |
| Anoka               | 16.56                             | 25,643  |
| Waite Park          | 7.77                              | 25,437  |
| Shakopee            | 41.05                             | 25,224  |
| South St. Paul      | 19.67                             | 25,008  |
| Minnetonka          | 51.28                             | 24,852  |
| Delano              | 6.21                              | 24,741  |
| Kasson              | 6.60                              | 24,597  |
| Stillwater          | 18.87                             | 24,354  |
| Albertville         | 7.69                              | 24,331  |
| Sartell             | 18.92                             | 24,236  |
| Big Lake            | 11.48                             | 24,121  |
| St. Cloud           | 67.85                             | 24,056  |
| Inver Grove Heights | 35.29                             | 24,039  |
| Cottage Grove       | 38.42                             | 23,954  |
| Monticello          | 14.73                             | 23,253  |
| Hastings            | 22.61                             | 23,218  |
| Sauk Rapids         | 14.37                             | 22,858  |
| Isanti              | 7.08                              | 22,772  |

| Municipality        | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Money Needs<br>Allocation<br>Per Need Mile |
|---------------------|-----------------------------------|--|
| Brooklyn Park       | 60.71                             | \$25,700   |
| Hutchinson          | 19.52                             | 25,618   |
| Austin              | 30.41                             | 25,553   |
| New Hope            | 12.86                             | 25,286   |
| Chanhassen          | 22.76                             | 24,988   |
| Thief River Falls   | 17.01                             | 24,906   |
| North Mankato       | 16.33                             | 24,845   |
| Crookston           | 11.58                             | 24,845   |
| Baxter              | 17.47                             | 24,738   |
| Red Wing            | 24.86                             | 24,698   |
| Cambridge           | 16.93                             | 24,644   |
| Owatonna            | 34.64                             | 24,534   |
| Champlin            | 20.07                             | 24,462   |
| Anoka               | 16.56                             | 24,427   |
| Hastings            | 22.61                             | 24,322   |
| Monticello          | 14.73                             | 24,279   |
| Buffalo             | 19.41                             | 24,265   |
| Albert Lea          | 24.31                             | 24,196   |
| Marshall            | 19.07                             | 24,133   |
| Maplewood           | 36.68                             | 24,126   |
| Minnetonka          | 51.28                             | 24,123   |
| Shakopee            | 41.05                             | 24,058   |
| Lakeville           | 73.06                             | 24,005   |
| Elk River           | 39.39                             | 24,004   |
| Alexandria          | 33.37                             | 23,766   |
| Waconia             | 14.36                             | 23,666   |
| West St. Paul       | 13.54                             | 23,656   |
| Robbinsdale         | 10.05                             | 23,618   |
| Fairmont            | 20.12                             | 23,503   |
| Bemidji             | 20.36                             | 23,460   |
| St. Paul Park       | 5.94                              | 23,446   |
| Chaska              | 22.94                             | 23,402   |
| Belle Plaine        | 9.10                              | 23,357   |
| Cottage Grove       | 38.42                             | 23,291   |
| Virginia            | 16.36                             | 23,234   |
| Savage              | 27.50                             | 23,207   |
| South St. Paul      | 19.67                             | 23,057   |
| Inver Grove Heights | 35.29                             | 22,876   |

| Municipality        | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Total<br>Allocation<br>Per Need Mile |
|---------------------|-----------------------------------|--|
| Champlin            | 20.07                             | \$52,702                                     |
| Moorhead            | 49.89                             | 52,698                                       |
| St. Cloud           | 67.85                             | 52,440                                       |
| Crystal             | 17.57                             | 52,371                                       |
| Waite Park          | 7.77                              | 52,315                                       |
| Chaska              | 22.94                             | 52,128                                       |
| Stewartville        | 4.71                              | 52,062                                       |
| Chanhassen          | 22.76                             | 52,002                                       |
| Spring Lake Park    | 5.81                              | 51,924                                       |
| Northfield          | 17.06                             | 51,625                                       |
| Maplewood           | 36.68                             | 51,316                                       |
| Savage              | 27.50                             | 51,181                                       |
| Sauk Rapids         | 14.37                             | 50,752                                       |
| Arden Hills         | 7.64                              | 50,459                                       |
| Sartell             | 18.92                             | 50,404                                       |
| Worthington         | 11.78                             | 50,353                                       |
| White Bear Lake     | 20.94                             | 50,228                                       |
| Anoka               | 16.56                             | 50,070                                       |
| Waseca              | 7.71                              | 49,897                                       |
| Mounds View         | 10.86                             | 49,612                                       |
| Shakopee            | 41.05                             | 49,282                                       |
| Minnetonka          | 51.28                             | 48,974                                       |
| Roseville           | 31.58                             | 48,886                                       |
| Jordan              | 6.10                              | 48,670                                       |
| Golden Valley       | 23.89                             | 48,555                                       |
| Prior Lake          | 24.08                             | 48,436                                       |
| Mound               | 7.94                              | 48,240                                       |
| South St. Paul      | 19.67                             | 48,065                                       |
| Victoria            | 8.77                              | 47,571                                       |
| Hastings            | 22.61                             | 47,540                                       |
| Monticello          | 14.73                             | 47,532                                       |
| Cottage Grove       | 38.42                             | 47,245                                       |
| Stillwater          | 18.87                             | 47,080                                       |
| Inver Grove Heights | 35.29                             | 46,915                                       |
| Faribault           | 27.97                             | 46,822                                       |
| North St. Paul      | 11.39                             | 46,809                                       |
| Lakeville           | 73.06                             | 46,543                                       |
| Albertville         | 7.69                              | 46,317                                       |

| Municipality        | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Population<br>Allocation<br>Per Need Mile |
|---------------------|-----------------------------------|---|
| Little Canada       | 11.35                             | \$22,587  |
| Lakeville           | 73.06                             | 22,538  |
| Zimmerman           | 6.52                              | 22,493  |
| Golden Valley       | 23.89                             | 22,369  |
| St. Paul Park       | 5.94                              | 22,116  |
| Waconia             | 14.36                             | 21,506  |
| LaCrescent          | 5.84                              | 21,408  |
| Moorhead            | 49.89                             | 21,138  |
| Orono               | 9.45                              | 20,850  |
| Faribault           | 27.97                             | 20,716  |
| North Mankato       | 16.33                             | 20,714  |
| Austin              | 30.41                             | 20,395  |
| Lino Lakes          | 24.95                             | 20,323  |
| New Prague          | 9.58                              | 20,189  |
| Mahtomedi           | 9.61                              | 20,066  |
| Shorewood           | 9.20                              | 20,046  |
| Rosemount           | 30.58                             | 19,876  |
| Buffalo             | 19.41                             | 19,738  |
| St. Peter           | 14.74                             | 19,397  |
| Belle Plaine        | 9.10                              | 19,256  |
| New Ulm             | 18.01                             | 18,578  |
| Byron               | 8.08                              | 18,511  |
| Mendota Heights     | 15.17                             | 18,344  |
| St. Joseph          | 9.08                              | 18,344  |
| Owatonna            | 34.64                             | 18,073  |
| Albert Lea          | 24.31                             | 18,025  |
| Litchfield          | 8.77                              | 17,898  |
| Hutchinson          | 19.52                             | 17,722  |
| Willmar             | 28.15                             | 17,690  |
| Otsego              | 26.87                             | 17,607  |
| Duluth              | 118.03                            | 17,405  |
| Andover             | 44.48                             | 17,368  |
| St. Michael         | 24.92                             | 17,339  |
| Ramsey              | 37.87                             | 17,299  |
| Brainerd            | 19.86                             | 17,175  |
| Bemidji             | 20.36                             | 16,962  |
| Marshall            | 19.07                             | 16,934  |
| Hugo                | 22.57                             | 16,553  |
| International Falls | 8.39                              | 16,387  |

| Municipality     | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Money Needs<br>Allocation<br>Per Need Mile |
|------------------|-----------------------------------|--|
| Hermantown       | 18.54                             | \$22,870   |
| St. Peter        | 14.74                             | 22,867   |
| New Ulm          | 18.01                             | 22,827   |
| Jordan           | 6.10                              | 22,814   |
| Grand Rapids     | 26.45                             | 22,802   |
| Northfield       | 17.06                             | 22,749   |
| Orono            | 9.45                              | 22,733   |
| Stillwater       | 18.87                             | 22,726   |
| Rogers           | 22.30                             | 22,714   |
| Fridley          | 22.87                             | 22,646   |
| Spring Lake Park | 5.81                              | 22,608   |
| Detroit Lakes    | 25.77                             | 22,563   |
| Worthington      | 11.78                             | 22,298   |
| Mendota Heights  | 15.17                             | 22,186   |
| White Bear Lake  | 20.94                             | 22,070   |
| Columbia Heights | 12.50                             | 21,999   |
| Albertville      | 7.69                              | 21,986   |
| Farmington       | 16.95                             | 21,968   |
| Shorewood        | 9.20                              | 21,907   |
| Shoreview        | 19.69                             | 21,893   |
| Vadnais Heights  | 9.17                              | 21,816   |
| Roseville        | 31.58                             | 21,683   |
| Waseca           | 7.71                              | 21,532   |
| Rosemount        | 30.58                             | 21,447   |
| Little Canada    | 11.35                             | 21,322   |
| Prior Lake       | 24.08                             | 21,260   |
| Glencoe          | 8.39                              | 21,195   |
| Delano           | 6.21                              | 21,192   |
| North St. Paul   | 11.39                             | 21,087   |
| Crystal          | 17.57                             | 20,907   |
| Cloquet          | 22.78                             | 20,778   |
| Forest Lake      | 33.83                             | 20,765   |
| Byron            | 8.08                              | 20,742   |
| Mounds View      | 10.86                             | 20,703   |
| Little Falls     | 20.55                             | 20,623   |
| Otsego           | 26.87                             | 20,579   |
| Kasson           | 6.60                              | 20,540   |
| Lake Elmo        | 20.89                             | 20,534   |
| St. Michael      | 24.92                             | 20,472   |

| Municipality     | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Total<br>Allocation<br>Per Need Mile |
|------------------|-----------------------------------|--|
| Austin           | 30.41                             | \$45,948                                     |
| Delano           | 6.21                              | 45,934                                       |
| St. Paul Park    | 5.94                              | 45,562                                       |
| North Mankato    | 16.33                             | 45,559                                       |
| Waconia          | 14.36                             | 45,172                                       |
| Kasson           | 6.60                              | 45,137                                       |
| Duluth           | 118.03                            | 44,197                                       |
| Buffalo          | 19.41                             | 44,003                                       |
| Willmar          | 28.15                             | 43,995                                       |
| Little Canada    | 11.35                             | 43,909                                       |
| Orono            | 9.45                              | 43,583                                       |
| Hutchinson       | 19.52                             | 43,340                                       |
| Brainerd         | 19.86                             | 42,925                                       |
| Big Lake         | 11.48                             | 42,811                                       |
| Belle Plaine     | 9.10                              | 42,613                                       |
| Owatonna         | 34.64                             | 42,607                                       |
| St. Peter        | 14.74                             | 42,264                                       |
| Albert Lea       | 24.31                             | 42,221                                       |
| Shorewood        | 9.20                              | 41,953                                       |
| New Ulm          | 18.01                             | 41,405                                       |
| Rosemount        | 30.58                             | 41,323                                       |
| Marshall         | 19.07                             | 41,066                                       |
| Isanti           | 7.08                              | 41,051                                       |
| Mendota Heights  | 15.17                             | 40,530                                       |
| Zimmerman        | 6.52                              | 40,527                                       |
| Red Wing         | 24.86                             | 40,470                                       |
| Bemidji          | 20.36                             | 40,422                                       |
| New Prague       | 9.58                              | 40,331                                       |
| Crookston        | 11.58                             | 40,155                                       |
| Mahtomedi        | 9.61                              | 39,703                                       |
| East Grand Forks | 16.74                             | 39,569                                       |
| Elk River        | 39.39                             | 39,546                                       |
| La Crescent      | 5.84                              | 39,535                                       |
| Byron            | 8.08                              | 39,253                                       |
| Lino Lakes       | 24.95                             | 38,951                                       |
| Fergus Falls     | 25.79                             | 38,837                                       |
| Otsego           | 26.87                             | 38,186                                       |
| Cambridge        | 16.93                             | 38,096                                       |
| St. Michael      | 24.92                             | 37,811                                       |

| Municipality      | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Population<br>Allocation<br>Per Need Mile |
|-------------------|-----------------------------------|---|
| Glencoe           | 8.39                              | \$16,223  |
| Dayton            | 10.62                             | 16,203  |
| Red Wing          | 24.86                             | 15,772  |
| Elk River         | 39.39                             | 15,542  |
| Crookston         | 11.58                             | 15,310  |
| Minnetrista       | 12.98                             | 15,083  |
| Chisago City      | 8.75                              | 15,052  |
| Lake City         | 8.39                              | 14,833  |
| Forest Lake       | 33.83                             | 14,437  |
| St. Francis       | 13.45                             | 14,344  |
| Montevideo        | 8.98                              | 14,244  |
| Rogers            | 22.30                             | 14,127  |
| Morris            | 8.79                              | 13,762  |
| Chisholm          | 8.61                              | 13,761  |
| Cambridge         | 16.93                             | 13,452  |
| Cloquet           | 22.78                             | 13,073  |
| Hermantown        | 18.54                             | 13,063  |
| East Grand Forks  | 16.74                             | 12,989  |
| Fergus Falls      | 25.79                             | 12,973  |
| Medina            | 12.59                             | 12,868  |
| Lake Elmo         | 20.89                             | 12,857  |
| Fairmont          | 20.12                             | 12,351  |
| Virginia          | 16.36                             | 12,197  |
| Thief River Falls | 17.01                             | 12,188  |
| Wyoming           | 16.06                             | 11,851  |
| Baxter            | 17.47                             | 11,681  |
| Redwood Falls     | 10.61                             | 11,395  |
| Ham Lake          | 35.23                             | 11,074  |
| Little Falls      | 20.55                             | 10,539  |
| Alexandria        | 33.37                             | 10,179  |
| Grand Rapids      | 26.45                             | 9,968   |
| East Bethel       | 29.73                             | 9,394   |
| Detroit Lakes     | 25.77                             | 9,075   |
| Corcoran          | 16.26                             | 9,013   |
| North Branch      | 29.07                             | 8,793   |
| Oak Grove         | 27.36                             | 7,733   |
| Hibbing           | 54.19                             | 7,090   |
| <b>Avg.</b>       |                                   | <b>\$22,903</b>                                   |

| Municipality        | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Money Needs<br>Allocation<br>Per Need Mile |
|---------------------|-----------------------------------|--|
| Morris              | 8.79                              | \$20,469   |
| Falcon Heights      | 3.29                              | 20,435   |
| New Brighton        | 15.27                             | 20,402   |
| Wyoming             | 16.06                             | 20,360   |
| Mound               | 7.94                              | 20,192   |
| New Prague          | 9.58                              | 20,142   |
| Circle Pines        | 3.60                              | 20,051   |
| Montevideo          | 8.98                              | 19,948   |
| Redwood Falls       | 10.61                             | 19,791   |
| Mahtomedi           | 9.61                              | 19,637   |
| Arden Hills         | 7.64                              | 19,632   |
| Chisholm            | 8.61                              | 19,609   |
| Litchfield          | 8.77                              | 19,462   |
| Hugo                | 22.57                             | 19,429   |
| St. Joseph          | 9.08                              | 19,261   |
| Hibbing             | 54.19                             | 19,249   |
| Ramsey              | 37.87                             | 19,233   |
| Victoria            | 8.77                              | 19,076   |
| Andover             | 44.48                             | 18,761   |
| Big Lake            | 11.48                             | 18,690   |
| Lino Lakes          | 24.95                             | 18,628   |
| Lake City           | 8.39                              | 18,513   |
| Medina              | 12.59                             | 18,433   |
| Dayton              | 10.62                             | 18,425   |
| Stewartville        | 4.71                              | 18,420   |
| North Branch        | 29.07                             | 18,399   |
| Isanti              | 7.08                              | 18,279   |
| International Falls | 8.39                              | 18,275   |
| Chisago City        | 8.75                              | 18,261   |
| La Crescent         | 5.84                              | 18,127   |
| Corcoran            | 16.26                             | 18,082   |
| Zimmerman           | 6.52                              | 18,034   |
| Oak Grove           | 27.36                             | 18,023   |
| Minnetrista         | 12.98                             | 17,783   |
| Ham Lake            | 35.23                             | 17,192   |
| St. Francis         | 13.45                             | 17,156   |
| East Bethel         | 29.73                             | 16,783   |
| <b>Avg.</b>         |                                   | <b>\$23,088</b>                                    |

| Municipality        | 2021<br>Total<br>Needs<br>Mileage | 2022<br>Total<br>Allocation<br>Per Need Mile |
|---------------------|-----------------------------------|--|
| St. Joseph          | 9.08                              | \$37,605                                     |
| Glencoe             | 8.39                              | 37,418                                       |
| Litchfield          | 8.77                              | 37,360                                       |
| Thief River Falls   | 17.01                             | 37,094                                       |
| Rogers              | 22.30                             | 36,841                                       |
| Ramsey              | 37.87                             | 36,532                                       |
| Baxter              | 17.47                             | 36,419                                       |
| Andover             | 44.48                             | 36,129                                       |
| Hugo                | 22.57                             | 35,982                                       |
| Hermantown          | 18.54                             | 35,934                                       |
| Fairmont            | 20.12                             | 35,854                                       |
| Virginia            | 16.36                             | 35,431                                       |
| Forest Lake         | 33.83                             | 35,201                                       |
| International Falls | 8.39                              | 34,662                                       |
| Dayton              | 10.62                             | 34,628                                       |
| Morris              | 8.79                              | 34,231                                       |
| Montevideo          | 8.98                              | 34,192                                       |
| Alexandria          | 33.37                             | 33,945                                       |
| Cloquet             | 22.78                             | 33,852                                       |
| Lake Elmo           | 20.89                             | 33,392                                       |
| Chisholm            | 8.61                              | 33,370                                       |
| Lake City           | 8.39                              | 33,346                                       |
| Chisago City        | 8.75                              | 33,312                                       |
| Minnetrista         | 12.98                             | 32,865                                       |
| Grand Rapids        | 26.45                             | 32,769                                       |
| Wyoming             | 16.06                             | 32,211                                       |
| Detroit Lakes       | 25.77                             | 31,638                                       |
| St. Francis         | 13.45                             | 31,500                                       |
| Medina              | 12.59                             | 31,301                                       |
| Redwood Falls       | 10.61                             | 31,186                                       |
| Little Falls        | 20.55                             | 31,163                                       |
| Ham Lake            | 35.23                             | 28,266                                       |
| North Branch        | 29.07                             | 27,192                                       |
| Corcoran            | 16.26                             | 27,096                                       |
| Hibbing             | 54.19                             | 26,339                                       |
| East Bethel         | 29.73                             | 26,177                                       |
| Oak Grove           | 27.36                             | 25,756                                       |
| <b>Avg.</b>         |                                   | <b>\$45,992</b>                              |



## **OTHER TOPICS**

## CERTIFICATION OF MSAS SYSTEM AS COMPLETE

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

*When the county board or governing body of an urban municipality desires to use a part of its state aid allocation on local roads or streets not on an approved state aid system, it shall certify to the commissioner that its state aid routes are improved to state aid standards or are in an adequate condition 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 2021 ALLOCATION

Prepared for the January 2021 book

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

|   | <b>Fridley</b>     | <b>Columbia Hgts</b> | <b>Falcon Hgts</b> | <b>South St. Paul</b> | <b>Crookston</b> |
|---|--------------------|----------------------|--------------------|-----------------------|------------------|
| <b>Total Apportionment</b>  | <b>\$1,213,586</b> | <b>\$776,097</b>     | <b>\$196,687</b>   | <b>\$873,015</b>      | <b>\$516,594</b> |
| Population  | \$699,579          | \$503,095            | \$129,703          | \$494,759             | \$190,983        |
| Money Needs   | \$514,007          | \$273,002            | \$66,984           | \$378,256             | \$325,611        |
| % based on Pop.   | 57.7%              | 64.8%                | 65.9%              | 56.7%                 | 37.0%            |
| <b>Total Construction Allotment: Jan. 2021</b><br>(total apportionment - maintenance)   | <b>\$788,831</b>   | <b>\$582,073</b>     | <b>\$147,515</b>   | <b>\$654,761</b>      | <b>\$387,445</b> |
| <b>Allocation to 90p acct</b><br>(amount of construction allotment based on Population) | <b>\$454,726</b>   | <b>\$377,321</b>     | <b>\$97,277</b>    | <b>\$371,069</b>      | <b>\$143,237</b> |
| <b>Amount Remaining in 90p acct from 2020</b>   | <b>\$643,412</b>   | <b>\$0</b>           | <b>\$590,423</b>   | <b>\$15,063</b>       | <b>\$800,983</b> |
| <b>* Maximum Local Unencumbered Amount Available after January 2021 Allocation</b>      | <b>\$1,098,138</b> | <b>\$377,321</b>     | <b>\$687,700</b>   | <b>\$386,132</b>      | <b>\$944,220</b> |

\* This is the amount available to spend on city streets after the 2021 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 September 2021 as of 9/30/2021

| Municipality         | Dist | Beg Yr Bal          | Annual Allocations  | Total               | Deposits    | Transfers   | Disbursement        | Unexp Bal           | Encumbrance       | B/L Rsrv    | Bal Available       |
|----------------------|------|---------------------|---------------------|---------------------|-------------|-------------|---------------------|---------------------|-------------------|-------------|---------------------|
| 113-COLUMBIA HEIGHTS | 5    | 18,281.17           | 377,321.00          | 395,602.17          | 0.00        | 0.00        | 238,716.00          | 156,886.17          | 30,845.17         | 0.00        | 126,041.00          |
| 115-CROOKSTON        | 2    | 800,982.78          | 143,237.00          | 944,219.78          | 0.00        | 0.00        | 0.00                | 944,219.78          | 0.00              | 0.00        | 944,219.78          |
| 124-FALCON HEIGHTS   | 5    | 606,672.98          | 97,277.00           | 703,949.98          | 0.00        | 0.00        | 270,096.32          | 433,853.66          | 30,465.60         | 0.00        | 403,388.06          |
| 127-FRIDLEY          | 5    | 646,791.35          | 454,726.00          | 1,101,517.35        | 0.00        | 0.00        | 1,043,215.02        | 58,302.33           | 58,285.63         | 0.00        | 16.70               |
| 168-SOUTH SAINT PAUL | 5    | 52,894.60           | 371,069.00          | 423,963.60          | 0.00        | 0.00        | 0.00                | 423,963.60          | 0.00              | 0.00        | 423,963.60          |
| <b>Total</b>         |      | <b>2,125,622.88</b> | <b>1,443,630.00</b> | <b>3,569,252.88</b> | <b>0.00</b> | <b>0.00</b> | <b>1,552,027.34</b> | <b>2,017,225.54</b> | <b>119,596.40</b> | <b>0.00</b> | <b>1,897,629.14</b> |

## 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    |  | 2013        | 3,125,654         | 888,606            | 2,237,048 |
| 1970 | 252,736           | 147,968          | 104,768     |  | 2014        | 3,235,357         | 880,506            | 2,354,851 |
| 1980 | 521,544           | 171,544          | 350,000     |  | 2015        | 3,413,892         | 1,045,899          | 2,367,993 |
| 1990 | 1,248,109         | 218,586          | 1,029,523   |  | 2016        | 3,548,041         | 1,171,781          | 2,376,260 |
| 2000 | 1,583,411         | 1,230,268        | 353,143     |  | 2017        | 3,551,701         | 1,078,127          | 2,473,574 |
| 2008 | 1,750,808         | 29,487           | 1,721,321   |  | 2018        | 3,937,329         | 1,587,167          | 2,350,162 |
| 2009 | 1,866,306         | 95,764           | 1,770,542   |  | 2019        | 3,948,897         | 1,364,462          | 2,584,435 |
| 2010 | 2,614,101         | 680,404          | 1,933,697   |  | 2020        | 4,321,254         | 1,976,567          | 2,344,687 |
| 2011 | 2,858,585         | 762,419          | 2,096,166   |  | <b>2021</b> | <b>3,948,622</b>  |                    |           |
| 2012 | 3,014,118         | 1,029,649        | \$1,984,469 |  |             |                   |                    |           |

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 \$965,058 (not to exceed 1/2 of 1% of the 2021 MSAS Apportionment sum of: \$193,011,589) shall be set aside from the 2022 Apportionment fund and be credited to the research account.**

| Year | Allotment | Spent   |  | Year        | Allotment      | Spent     |
|------|-----------|---------|--|-------------|----------------|-----------|
| 1958 | \$0       | \$0     |  | 2013        | \$723,414      | \$723,414 |
| 1970 | 37,803    | 2,151   |  | 2014        | 746,853        | 746,853   |
| 1980 | 77,116    | 40,764  |  | 2015        | 773,075        | 773,075   |
| 1990 | 191,254   | 150,294 |  | 2016        | 853,501        | 853,501   |
| 2000 | 487,286   | 487,286 |  | 2017        | 868,060        | 868,060   |
| 2008 | 572,095   | 572,095 |  | 2018        | 866,092        | 866,092   |
| 2009 | 571,991   | 571,991 |  | 2019        | 961,433        | 961,433   |
| 2010 | 608,806   | 608,806 |  | 2020        | 962,329        | 962,329   |
| 2011 | 636,577   | 636,577 |  | 2021        | 1,051,229      | 1,051,229 |
| 2012 | 695,405   | 695,405 |  | <b>2022</b> | <b>965,058</b> |           |



# Municipal State Aid Construction Account Advance Guidelines

## Advance status is currently code yellow

### 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 MnDOT 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. The current State Aid advance Code Level is displayed at the beginning of this document.

### 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 State Aid 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 MnDOT State Aid Finance (SAF) webpage. **Requests are good only for the year requested**

**(cannot be summited for multiple years) and void at 12/31 of that year.**

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

Advance funding is not guaranteed. If the city finds they need a guarantee that the funds will be held specifically for them they can submit a "Request to Reserve Advance 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](mailto:mohamed.m.farah@state.mn.us) in MnDOT 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 MnDOT 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 MnDOT Chief Financial Officer.

If a municipality has a negative balance and the status is Code Red – Severe: then MnDOT State Aid Finance may 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 MnDOT State Aid and the municipality.

# Enterprise MnDOT Mapping Application

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



## Transportation Data and Analysis

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

TDA Home

Glossary

Links

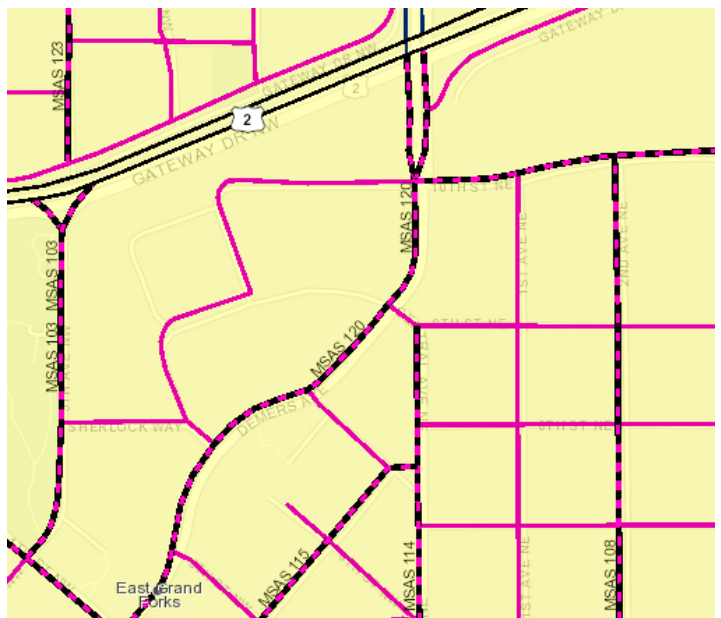
Contacts

## 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.



**CURRENT RESOLUTIONS  
OF THE  
MUNICIPAL SCREENING BOARD**

October 2021

**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.

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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<br>0 PARKING LANES<br>2- 2' CURB REACTION    | 22 INCHES              | 11,655                         | 6 INCHES                           | 4,346                               | 2,917<br>4 INCHES                |
| 1-499 EXISTING ADT            | 28' FOOT ROADBED WIDTH | 2- 12' TRAFFIC LANES<br>0 PARKING LANES<br>2- 2' CURB REACTION    | 22 INCHES              | 12,496                         | 6 INCHES                           | 4,691                               | 3,182<br>4 INCHES                |
| 500-1999 EXISTING ADT         | 34 FOOT ROADBED WIDTH  | 2- 12' TRAFFIC LANES<br>1- 8' PARKING LANE<br>1- 2' CURB REACTION | 26 INCHES              | 17,698                         | 10 INCHES                          | 10,176                              | 3,978<br>4 INCHES                |
| 2000-4999 EXISTING ADT        | 40 FOOT ROADBED WIDTH  | 2-12' TRAFFIC LANES<br>2- 8' PARKING LANE                         | 32 INCHES              | 25,188                         | 16 INCHES                          | 19,628                              | 4,773<br>4 INCHES                |
| 5000-8999 EXISTING ADT        | 48 FOOT ROADBED WIDTH  | 4-11' TRAFFIC LANES<br>2- 2' CURB REACTION                        | 35 INCHES              | 32,795                         | 19 INCHES                          | 27,907                              | 5,834<br>4 INCHES                |
| 9000-13,999 EXISTING ADT      | 54 FOOT ROADBED WIDTH  | 4-11' TRAFFIC LANES<br>1- 8' PARKING LANE<br>1- 2' CURB REACTION  | 36 INCHES              | 37,918                         | 19 INCHES                          | 31,460                              | 8,287<br>5 INCHES                |
| 14,000-24,999 EXISTING ADT    | 62 FOOT ROADBED WIDTH  | 4-11' TRAFFIC LANES<br>1- 14' CENTER TURN<br>2- 2' CURB REACTION  | 38 INCHES              | 45,838                         | 20 INCHES                          | 38,049                              | 11,535<br>6 INCHES               |
| GT 25,000 EXISTING ADT        | 70 FOOT ROADBED WIDTH  | 6-11' TRAFFIC LANES<br>0 PARKING LANES<br>2- 2' CURB REACTION     | 39 INCHES              | 53,172                         | 21 INCHES                          | 44,776                              | 13,126<br>6 INCHES               |

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

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

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

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

The Unit Cost for **Traffic Signals** will be determined by the recommendation by the SALT Program Support Engineer and approved by the MSB. The Unit Cost for traffic signals will be based on a cost per signal leg, and for Needs purposes a signal leg will be defined as  $\frac{1}{4}$  of the signal cost. Only signal legs on designated MSAS routes will be included in the Needs study. Stand-alone pedestrian crossing signals will not be included in the Needs study.

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

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



## 2021 UNIT PRICE RECOMMENDATIONS

*for the January 2022 distribution*

| Needs Item  |         | Municipal<br>Screening Board<br>Approved Prices<br>for the 2021<br>Distribution | Needs Study<br>Subcommittee<br>Recommended<br>Prices for 2022<br>Distribution | Municipal<br>Screening Board<br>Approved Prices<br>for the 2022<br>Distribution |
|---|---------|---|---|---|
| Grading (Excavation)                                    | Cu. Yd. | \$9.53  | \$10.64   | <b>\$10.64</b>  |
| Aggregate Base  | Ton     | 14.44   | 18.00   | <b>18.00</b>  |
| All Bituminous  | Ton     | 66.17   | 72.00   | <b>72.00</b>  |
| Sidewalk Construction                                   | Sq. Ft. | 5.76  | 7.24  | <b>7.24</b>   |
| Curb and Gutter Construction                            | Lin.Ft. | 16.65   | 20.00   | <b>20.00</b>  |
| Traffic Signals   | Per Sig | 211,440   | 231,875   | <b>231,875</b>  |
| Street Lighting   | Mile    | 100,000   | 100,000   | <b>100,000</b>  |
| Engineering   | Percent | 22  | 22  | <b>22</b>   |
| All Structures (includes both bridges and box culverts) |         |   |   |   |
|   | Sq. Ft. | 95.67   | 90.70   | <b>90.70</b>  |
| <b>Storm Sewer (based on ADT)</b>                       |         | Per Mile  |   |   |
| 0 ADT & Non Existing                                    |         | 165,500   | 185,600   | <b>185,600</b>  |
| 1-499   |         | 168,700   | 189,200   | <b>189,200</b>  |
| 500-1,999   |         | 178,100   | 199,700   | <b>199,700</b>  |
| 2,000-4,999   |         | 187,500   | 210,300   | <b>210,300</b>  |
| 5,000-8,999   |         | 200,100   | 224,400   | <b>224,400</b>  |
| 9,000-13,999  |         | 209,500   | 235,000   | <b>235,000</b>  |
| 14,000-24,999   |         | 222,100   | 249,100   | <b>249,100</b>  |
| 25,000 and over   |         | 234,700   | 263,200   | <b>263,200</b>  |

### **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 11<sup>th</sup>, 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 31<sup>st</sup> 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 31<sup>st</sup> 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

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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 31<sup>st</sup> 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.

### **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.