2016
MUNICIPAL STATE AID STREET APPORTIONMENT DATA

JANUARY 2016

The State Aid Program Mission Study

Mission Statement:

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

Program Goals:

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

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

Key Program Concepts:

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

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

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

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

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

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

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

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

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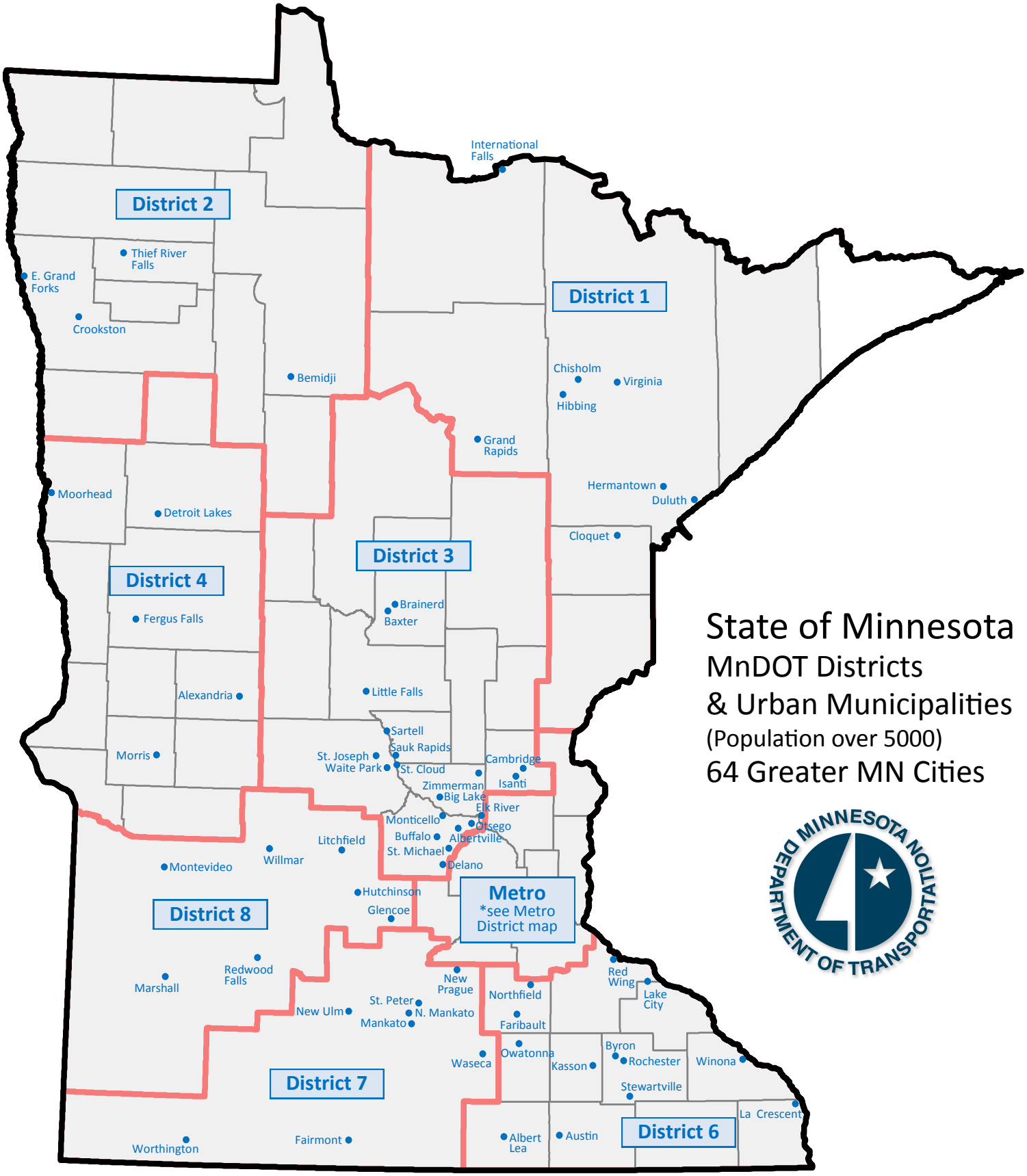
You can obtain a copy of this report from our website at:
http://www.dot.state.mn.us/stateaid/msas.html

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

35 Metro East Cities

49 Metro West Cities

Updated 12/9/14



State of Minnesota

MnDOT Districts & Urban Municipalities

(Population over 5000)

64 Greater MN Cities

Updated 1/8/14

2016 MUNICIPAL SCREENING BOARD

02-Feb-16

Officers			
Chair	Jeff Johnson	Mankato	(507) 387-8640
Vice Chair	Marc Culver	Roseville	(651) 792-7042
Secretary	Glenn Olson	Marshall	(507) 537-6774

Members				
District	**Years Served**	**Representative**	**City**	**Phone**
1	2014-2016	Jesse Story	Hibbing	(218) 262-3486
2	2015-2017	Craig Gray	Bemidji	(218) 333-1851
3	2015-2017	Justin Femrite	Elk River	(763) 635-1051
4	2016-2018	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	2016-2018	Steve Lillehaug	Brooklyn Center	(763) 569-3300
6	2016-2018	Jay Owens	Red Wing	(651) 385-3625
7	2014-2016	Jeff Johnson	Mankato	(507) 387-8640
8	2015-2017	Sean Christensen	Willmar	(320) 214-5169
Metro-East	2014-2016	Klayton Eckles	Woodbury	(952) 912-2600
Cities	Permanent	Cindy Voigt	Duluth	(218) 730-5200
of the	Permanent	Don Elwood	Minneapolis	(612) 673-3622
First	Permanent	Richard Freese	Rochester	(507) 328-2426
Class	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

Alternates				
District	**Year Beginning**		**City**	**Phone**
1	2017	Julie Kennedy	Grand Rapids	(218) 326-7625
2	2018	Rich Clauson	Crookston	(218) 281-6522
3	2018	Adam Nafstad	Albertville	(763) 497-3384
4	2019	Brian Yavarow	Fergus Falls	(218) 332-5413
Metro-West	2019	Chad Milner	Edina	(952) 826-0318
6	2019	Kyle Skov	Owatonna	(507) 444-4350
7	2017	Mark DuChene	Waseca	(507) 835-9716
8	2018	Andy Kehren	Redwood Falls	(507) 794-5541
Metro-East	2017	Michael Thompson	Maplewood	(651) 249-2403

N:\MSAS\Books\2016 January book\Screening Board Members 2016.xlsx

2016 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
Mark Graham, Chair Vadnais Heights (651) 204-6050 Expires after 2016	Kent Exner, Chair Hutchinson (320) 234-4212 Expires after 2016
Rich Clauson Crookston (218) 281-6522 Expires after 2017	Steve Bot St. Michael (763) 497-2041 Expires after 2017
Jon Pratt Detroit Lakes (218) 847-5607 Expires after 2018	Klayton Eckles Woodbury (651) 714-3593 Expires after 2018

Municipal Screening Board
Meeting Minutes
October 27-28, 2015
Grandview Lodge, Nisswa, MN

Tuesday Session, October 27, 2015

I. Call to Order and Welcome by Vice Chair Jeff Johnson at 1:03 p.m.

a. Introductions of Head Table and Subcommittee Chairs by Vice Chair Johnson
   Jeff Johnson, Mankato – Vice Chair Municipal Screening Board
   Klayton Eckles (not present), Woodbury, Chair MSB
   Mitch Rasmussen, MnDOT – State Aid Engineer
   Bill Lanoux, MnDOT – Manager, Municipal State Aid NEEDS Unit
   Jean Keely, Blaine – Chair of the Unencumbered Construction Funds Subcommittee (UCFS), and Past Chair, MSB
   Steve Bot, St. Michael – Past Chair, MSB
   Kent Exner, Hutchinson – Past Chair, MSB

b. Secretary Marc Culver conducted the roll call of the members present

PRESENT:

District 1	Jesse Story, City of Hibbing
District 2	Craig Gray, Bemidji
District 3	Steve Bot, St. Michael (alternate to Justin Femrite, Elk River)
District 4	Jon Pratt, Detroit Lakes
Metro West	Rod Rue, Eden Prairie
District 6	Steven Lang, Austin
District 7	Jeff Johnson, City of Mankato
District 8	Sean Christensen, Willmar
Metro East	Michael Thompson, Maplewood (alternate)
Duluth	Cindy Voigt
Minneapolis	Don Elwood
Rochester	Richard Freese (absent)
St. Paul	Paul Kurtz

c. Recognized Screening Board Alternates:
PRESENT:

District 4	Jeff Kuhn, Morris
District 6	Jay Owens, Red Wing
Metro West	Steve Lillehaug, Brooklyn Center

d. Recognized Minnesota Department of Transportation Personnel:

Ted Schoenecker	Deputy State Aid Engineer
Merry Daher	Senior Administrative Engineer
John McDonald	District 1 State Aid Engineer
Lou Tasa	District 2 State Aid Engineer
Kelvin Howieson	District 3 State Aid Engineer
Merle Earley	District 4 State Aid Engineer
Fausto Cabral	District 6 State Aid Engineer
Gordy Regenscheid	District 7 State Aid Engineer
Todd Broadwell	District 8 State Aid Engineer
Dan Erickson	Metro District Engineer
Julie Dresel	Assistant Metro State Aid Engineer
Julee Puffer	Assistant Manager, MSAS Needs Unit

e. Recognized others in attendance:

Dave Sonnenberg, Chair, CEAM Legislative Committee
Larry Veek, Minneapolis
Mike Van Beusekom, St. Paul
Glenn Olson, Marshall
Tim Schoonhoven, Alexandria

II. **Bill Lanoux reviewed the 2015 Municipal Screening Board Data booklet**

a. Recognition of new alternate members as elected by each district including Chad Millner, Edina (Metro West), Kyle Skov, Owatonna (District 6), Brian Yavarow, Fergus Falls (District 4).

Review of minutes and specifically all action items from Spring 2015 Screening Board Minutes. Minutes can be found on pages 16-22 of the 2015 Municipal State Aid Street Needs Report, October 2015.

Motion by Mr. Pratt, seconded by Mr. Rue, to approve the minutes as presented. The motion carried unanimously.

b. Minutes of UCFS (pages 23-27)

Presented were the minutes from the UCFS meeting on July 29, 2015.

As directed by the Municipal Screening Board by motion, the Subcommittee reviewed the discussion from the Spring Screening Board meeting and discussed the issue of the Unit Cost for Traffic Signals.

Mr. Lanoux reviewed the final action and recommendation from the UCFS which is printed on page 27 of the 2015 Municipal State Aid Street Needs Report and states:

The Unit Cost for Traffic Signals will be determined by the recommendation by the SALT Program Support Engineer and approved by the MSB, the UCFS recommends that the screening board direct the NSS to utilize the average cost of a four leg signal as provided every three years by the SALT program engineer as the primary basis for their unit price study recommendation for signal needs. In 'off years', the unit price be set using the Engineering News Record construction cost index. For the 2015 needs Unit Price Study this average cost is $185,000.

Further discussion on this item will occur with input from the Chair of the UCFS, Ms. Keely, after Mr. Lanoux is complete with his review of the 2015 Municipal State Aid Streets Needs Report.

c. Population Data and Population Allocation – Pages 28-36

Mr. Lanoux quickly reviewed the population data and indicated an overall statewide increase in population of about 1%.

d. Mileage, Needs and Apportionment – Pages 37-38

Mr. Lanoux provided a quick historical review of the mileage, needs and apportionments from 1958 to 2016. For 2016 estimates, the table shows the same total apportionment as 2015. Actual 2016 numbers will be updated in the January book.

e. Itemized Tabulation of Needs – Page 39

The item by item listing of Needs is available as an insert at the end of the book. Highest cost per mile is $2.659 million (St. Paul) and the lowest cost per mile is $1.137 million (Dayton). The average cost per mile is $1.719 million.

Mr. Lanoux noted that in 2011 the lowest cost per mile was approximately $700,000 indicating that the lowest cities have really caught up to the other cities.

f. Comparison of Needs between 2014 and 2015 – Page 40

All Needs items show an increase in total needs except for traffic signals due to the unit cost being lowered from $205,000 to $185,000.

g. 2015 Mileage Report and Comparison – Pages 41-42

Total system length on this chart is actually incorrect (too high) because some roads are being shared (State Aid routes located on Municipal borders). This may be corrected in future books so you may notice a reduction in the Total System Length mileage in future years.

h. Construction Needs, Adjustments & Allocations – Pages 43-67

Mr. Lanoux reviewed the Construction Needs data including the following elements that constitute the final Construction Needs for each City:

i. Phase in (or Restriction) – Pages 44-49

Setup to Phase In the changes to the Construction Needs as a result of the new Needs Calculation method. The Phase In computation is described in detail on page 44 and allows for corrections where an individual City's change is significantly higher or lower than the Statewide average percent of change which is 10.21%. So no individual City's change can be less than 5.21% or greater than 20.21%.

ii. Excess Balance/Low Balance adjustment – Pages 51-55

A negative needs adjustment for excessively high account balance and a positive needs adjustment for low or negative account balances.

iii. After the Fact Right of Way adjustment – Pages 56-58
iv. After the Fact Retaining Wall adjustment – Page 59
v. After the Fact Railroad Crossing and Railroad Bridge over MSAS Route Adjustment – Page 60
vi. Adjusted Restricted Construction Needs – Pages 61-64
vii. Estimated Construction Needs Allocations – Pages 65-67

Based on total adjusted Construction Needs and calculated as a percentage of overall total needs.

i. Recommendations to the Commissioner – Pages 68-70
j. Tentative 2016 Total Allocations – Page 71-73
k. Comparison of the 2015 to the 2016 Tentative Total Allocations – Pages 74-76
l. Tentative 2015 Allocation Rankings – Page 77-80
m. Other Topics
    i. History of Administrative and Research Accounts – Page 83

        2% of total funds available are set aside for the administration of the State Aid program. For 2015 that amount was $3,413,892.

        One half of one percent of the overall MSAS Apportionment typically set aside for research. Will require a motion tomorrow.

    ii. Advance Guidelines – Pages 84-86

        Currently Code Green.

    iii. County Highway Turnback Policy – Pages 87-88
    iv. Resolutions of the Municipal Screening Board – Pages 89-99

        Mr. Lanoux reviewed the resolution regarding the Unit Price Study as printed on page 91. Second paragraph under "Unit Price Study:"

        The Unit Price Study go to a 3 year (or triennial) cycle with the Unit Price 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.

        Question from Mr. Rue on the ENR Construction Cost Index, was that national or regional? Vice Chair Johnson responded that it was the National 20 City average as published in August.

III. Other Discussion Items
a. Unencumbered Construction Fund Subcommittee update – Jean Keely

Detailed review of July meeting minutes of the UCFS related to the Unit Price for traffic signals. Ms. Keely reviewed all of the previous decisions and studies since 2013 when the Needs Study Task Force decided on a "per signal" cost for traffic signals versus a "per mile" cost. In 2014 the Unit Price is set at $205,000 per signal based on a 2014 study by the SALT Program Engineer. At same time, the Needs

Study Subcommittee passed a motion stating Traffic Signals are to be studied as part of the 2015 full Unit Cost Study.

Ms. Keely continued to review actions of the MSB including revisions to the resolutions related to traffic signals as detailed on Page 24. In April of 2015 the Needs Study Subcommittee (NSS) is presented with data from "On System MSAS Traffic Signal Projects awarded in 2014" (as printed on pages 76-80 of the June Book) and recommends using the statewide average cost of a signal system PLUS the statewide average cost for EVP system which results in a recommended unit cost of $185,000.

A split vote of the May 2015 Screening Board (8 yeah, 5 nay) approves the Unit Cost for traffic signals of $185,000. The MSB also directs the UCFS to come with a policy recommendation to the Screening Board for how the average cost of a signal should be computed.

The MnDOT State Aid office contact the MnDOT Traffic Signals Engineer Sue Zarling and requests information which will show "the average cost of a MnDOT Traffic Signal." The response from Ms. Zarling was $250,000 but included many factors and possible variables.

The UCFS reviewed the new data and the previous independent studies, pointed out that the studies did not include engineering costs.

Based on the all of the information presented and the direction of the current Screening Board Resolution, the UCFS concluded that no policy change is needed and that the Unit Price should remain at $185,000 and adjusted in the off years as all other Unit Prices are adjusted.

Ms. Voigt asked Ms. Keely touch on the previous two studies and how they calculated the $185,000 average cost. How many intersections were in the study?

Vice Chair Johnson responded that this was reviewed last fall. Mr. Lanoux responded that the first study included about 8 or 9 MSAS signals, and the second study included all of the traffic signals from the 2014 abstract. The results from the first are available in Powerpoint format by request.

Vice Chair Johnson thanked Ms. Keely for her report.

Vice Chair Johnson reviewed the report and highlighted two important items are the recommendation from the UCFS to use the $185,000 unit price as also follow

the existing resolution to use the ENR adjustment in the off years and restudy the unit cost every three years.

No further discussion or action items on this topic.

b. Legislative Update – Dave Sonnenberg

Report on upcoming legislative session highlighting the League of Minnesota Cities priorities and legislative policies and initiatives. The session will not start until March and adjourn set for mid-May by constitution.

As CEAM is an affiliate of the League, we are obligated not to dispute any of the initiatives or policies they put forward. However individual Cities can oppose any of the items.

1. Transition Aid for Property Acquired by Tax-Exempt Entities: Any tax exempt organization that purchases existing taxable property would be required to continue to pay property taxes but they would be phased out over a five year period. Mr. Sonnenberg opined that this may have implications for cities that acquire property for public facilities.
2. Funding for Non-Municipal State Aid City Streets: Requesting dedicated and sustainable funding source for non-MSA city streets in large and small cities statewide.
3. Maintenance of retaining walls adjacent to Public right-of-way: Request for amendment of special assessment statute so that retaining walls needed to facilitate public improvements are treated the same as other local improvements.
4. Responsibility for locating private underground facilities: The Minnesota Office of Pipeline Safety (MNOPS) is proposing amendments to state pipeline and safety rules related to the definition of excavation and changes to mandatory damage reporting.
5. Utility Relocation Under Design-Build Road Construction: Request to mandate that the cost of relocating municipal utilities should be shared equitably between MnDOT and affected municipal utilities.
6. Organized Solid Waste Collection: The League is opposed to recent proposed legislation that would allow special takings claims or contractual damages to be claimed by the solid waste industry if local governments make decisions that limit the number of companies that can collect garbage in a community in a manner that prevents a company currently operating in the community from continuing to do.

7. Environmental protection: discussion about limiting requirements for environmental protection on several levels for efforts that have diminishing return on investment. Also request to streamline MPCA permitting process.
8. Municipal Public Water Supplies: Request for Legislature to direct the development of sound water policy based on scientific information. There should also be state funding participation for Cities that face significant infrastructure costs to meet new rules or regulations (i.e. moving from groundwater source to surface water source).
9. Impaired Waters: Still have surface waters that don't meet federal regulations. Likely to be more regulations regarding waste water and storm water. Would like the legislature to look at state funding to address these issues. Looking for constitutionally dedicated funds. Also ask for state funding to cover the estimated $1.65 billion five year water infrastructure funding need.
10. Official State Mapping Responsibility: Request for the legislation identifying the official provider of survey-level mapping for the state, including maps for municipal boundary adjustments. The legislature must provide the necessary appropriations for providing this service.
11. Statutory Approval Timelines: The legislature should repeal or amend Minn. Stat. 15.99 to increase the initial time limit to 90 days or have the language in Minn. Stat. 15.99 apply as the default requirement only in cases where permitting bodies have not established an independent approval timeline.
12. Pubic Infrastructure Utilities: Still seeking some sort of transportation and/or sidewalk utility to raise dedicated funds for these purposes at the City level. This added local authority remains an issue, but the League will not make this a priority this session.
13. Right-of-way management: Want Legislature to clarify in no uncertain terms that the right-of-way is held in trust for a particular City and we are obligated to manage that in the best interest of the public, namely public utilities such as water, sewer, storm sewer, etc.
14. Adequate Funding for Transportation: Seeking comprehensive bill to provide additional funding at all levels. Sonnenberg commentary: There seems to be significant support for funding increases for roads and bridges but not transit. Is it time to narrow our focus to roads and bridges?
15. Truck Weight Restrictions on Interstate Highways and Freeways: LMC supports increasing the allowable weight limit for trucks traveling on the interstate highway and freeway systems so that trucks with six axles may weigh up to 90,000 pounds and trucks with seven axles may weigh up to 95,000 pounds without a permit. LMC also supports allowing MnDOT to

designate routes for heavy loads. LMC opposes limits on local authority to impose and enforce weight restrictions on local roads and bridges.

16. Turnbacks on County and State Roads: Turnbacks should not occur without direct funding or transfer of a funding source. Not sure what specifically this is, but possible translation is if MnDOT uses 1% of its total funds to maintain a roadway and it gets transferred to St Paul, that 1% should perpetually go to St Paul with the roadway.
17. MnDOT ROW Maintenance: MnDOT be required to maintain its right-of-way within municipal limits to the standards established that municipality. Alternatively MnDOT should reimburse local agencies for labor, supplies and equipment to maintain MnDOT ROW and parcels to meet city standards. The Legislature must provide MnDOT with adequate funds to maintain state ROW.
18. Complete Streets: LMC supports reforms in state design guidelines for local streets that would give cities greater flexibility to safely accommodate all modes of travel, including walking and biking. The state should also provide incentives such as grants to local units of government working to advance complete street projects. Crosswalks and Safe Routes to School projects should be eligible for incentives. LMC opposes state imposed unfunded mandates that would increase the costs of building streets in contexts where facilities for cyclists and pedestrians are unnecessary or inappropriate.
19. Impact Fees: The legislature should authorize local units of government to impose impact fees so new development pays its fair share of the off-site, as well as the on-site, costs of public infrastructure and other public facilities needed to adequately serve new development.

Questions on Legislative Report:

Ms. Voigt: Regarding truck restrictions doesn't the interstate have 80,000 pounds? At what level does the FHWA get involved?
Sonnenberg: Varies state by state. He believes the interstate is built to 90,000 pounds standard.
Mr. Schoenecker: FHWA limit to 80,000 pounds on interstate, Trunk Highway could go to 90,000 pounds. Some states grandfathered at a higher weight.

Mr. Schoenecker: Regarding Complete Street guidelines, are we talking about State Aid standards? If so, this belongs in State Aid System and seems to be counter to the CEAM platform. Can "we" steer this a bit?

Mr. Bot: How can we work with the League on these draft policies? Officially aware we have issues with some of these.

Sonnenberg: All of this is out of their draft policies.

Ms. Voigt: There is some draft language to changes to State Rules on Mapping that she can share. She will be talking to Mr. Schoenecker about this.

c. State Aid Report – Mr. Rasmussen

No report at this point.

d. Other Topics

Ms. Voigt: Study on aggregate sources. She has a couple of old documents on this topic. Will hand off to Mr. Culver for distribution to other committee on this topic.

IV. Ms. Voigt motioned to recess until 8:30 AM Wednesday morning, seconded by Mr. Thompson. Approved unanimously.

Municipal Screening Board
Meeting Minutes
October 27-28, 2015
Grandview Lodge
Nisswa, MN

Wednesday Session, October 28, 2015

I. Call to order at 8:35 am by Vice Chair Johnson.

a. Review of yesterday's activity. Call for questions on needs and apportionment data as presented on pages 37-70. If no questions, entertain a motion for approval of the Letter to Commissioner.

Mr. Femrite moved to approve the letter to the Commissioner of Transportation as presented on page 68, seconded by Mr. Pratt. No discussion. Approved unanimously.

b. Research Account, Page 83:
Review of the maximum allowable amount that can be set aside by the MSB for research projects, which is one half of one percent of the preceding year's apportionment sum.

Mr. Thompson motioned that the following resolution be approved "Be it resolved that an amount of $853,501 (not to exceed ½ of 1% of the 2015 MSAS Apportionment sum of $170,700,289) shall be set aside from the 2016 Apportionment fund and be credited to the research account." Seconded by Mr. Pratt. No discussion. Approved unanimously.

c. Action on UCFS recommendation
Review by Vice Chair Johnson of the UCFS report and recommendation as presented to the MSB yesterday.

Mr. Gray thanked the UCFS for their work and moved to accept the report by the UCFS, seconded by Mr. Thompson.

Discussion:

Mr. Kurtz: After discussion off line there appears to still be a fundamental concern about the report itself, as mentioned yesterday by Ms. Voigt, about the data used for the recent studies as how the MSAS arrived at their $185,000 unit price for

traffic signals and how the State Aid Programs Engineer arrived at their $185,000 unit price. In 2014 we took the State Aid Programs Engineer recommendation of $205,000 and this May we accepted the State Aid Programs Engineer recommendation of $185,000. How did the price of a traffic signal go down? Secondly, more importantly, if we are going to take the recommendation of the State Aid Programs Engineer in the future we need to better understand how the price is being calculated. Also, it should be noted that when we accepted the $185,000 price in May it was not unanimous (8-5 vote).

Ms. Voigt: What is a basic signal system? Unit prices from basic signal only or do we include pushbuttons, video detection, etc. What is the criteria? Need a base criteria.

Second concern, looking at the study, we are on the right track to have someone figure it out and use the ENR index for inflation, but in the study it was noted that the outstate prices are higher. We have to be careful that we take care of outstate.

No further discussion.

Approved 12 yeah votes and one nay vote (Kurtz).

Mr. Bot: There is a comprehensive report available in the 2014 MSAS Book which details how they came to the recommended unit price.

II. If necessary (no additional discussion on items from agenda)

III. Call for Any Other Discussion Items

Vice Chair Johnson asked the group if there were any other items to discuss today.

Mr. Pratt mentioned roundabouts and how they get measured in needs, and really how they currently do not get accounted for in current needs system. Roundabouts are installed in lieu of traffic signals which do generate needs. How should we address the cost roundabouts in the needs system?

Mr. Thompson: Agrees with Mr. Pratt and possible something to kick over to the Needs Study Subcommittee for consideration and recommendation for future action.

Mr. Gray: Not much experience, but apparently roundabouts are being installed in locations where warrants do not justify a traffic signal.

Mr. Thompson moved to direct the Needs Study Subcommittee to look into roundabout as a possible Needs item and to bring this back to the Municipal Screening Board for future consideration. Seconded by Mr. Rue.

Clarification from Mr. Lanoux which subcommittee this should go to, the UCFS or NSS.

Mr. Bot clarified if this is specifically a cost item, then should be considered by NSS, if a policy question then it should be considered by the UCFS.

Motion amended by Mr. Thompson to the following:

Mr. Thompson moved to direct the Unencumbered Construction Funds Subcommittee to consider roundabouts as a possible needs item and then forward the item to the Needs Study Subcommittee for their consideration and then bring this item back to the Municipal Screening Board for future consideration. Seconded by Mr. Rue (who accepted the friendly amendment).

Mr. Ellwood expressed his concern over how vague the motion is.

Mr. Thompson responded that the motion is intentionally vague so that the committees have flexibility on what they consider.

Ms. Voigt is sympathetic to the task force and feels there should be more direction, are there some specific goals we can include? Only consider ones that are justified? Apply difference in cost of road vs. addition of roundabout? Etc.

Mr. Rue: As we have studied traffic signals there is a wide variety of between three legs, four legs, multiple lanes, etc. Same with roundabouts. Should be averaged together. Include as another solution to intersection control.

Mr. Rasmussen: This can't be figured out fairly simply here. State Aid has heard some good comments from District 6. Has heard that if traffic signal warrants are met you would get signal needs if even if you installed a roundabout. One possible outcome. Other options. Should be discussed at the subcommittee level.

Mr. Femrite: Supports further discussion with Mr. Freese's and Mr. Rue's comments.

Motion approved 11 yeah votes 2 nay votes (Gray and Ellwood).

IV. Thanks

Vice Chair Johnson thanked Ms. Keely, Mr. Bot and Mr. Exner for their time as past chairs of the UCFS.

Also thanks to all of the Screening Board members and all others that were able to attend.

V. 2016 Spring Screening Board Meeting will be Tuesday and Wednesday, May 24 and 25 at Craguns Resort in Brainerd, MN.

VI. Expense Reports

a. On line or paper copies available
b. A printout from an online mapping tool is required for mileage

VII. Ms. Voigt moved to adjourn, seconded by Mr. Femrite. Approved unanimously. Meeting adjourned at 9:03 AM.

Respectfully submitted,

Marcus J. Culver, P.E.
Municipal Screening Board Secretary
Roseville Public Works Director

SCHEDULE "A"

Minnesota Department of Transportation
Funds Available for Distribution in Calendar Year 2016
From Highway User Tax Distribution Fund

ESTIMATED Gross Income from November Statewide Forecast (7-1-15 to 10-31-15 actual; 11-1-15 to 6-30-16 estimated)		Total
Motor Fuel Tax		$ 899,100,000
Motor Vehicle Tax		724,200,000
Motor Vehicle Fee		620,000
Motor Vehicle Sales Tax 60%		435,788,400
Fee on Rental Vehicles		3,710,000
Interest Earned on Highway User Tax Distribution Fund		654,000
Total Highway Users Income		$ 2,064,072,400
Less Transfer to:		
DEPARTMENT OF PUBLIC SAFETY		
Motor Vehicle Division Collection Costs	2,192,000	
General Fund Reimbursement	-	
Trunk Highway Reimbursement	-	
DEPARTMENT OF REVENUE		
Petroleum Division	2,183,000	
Petroleum Division - Highway Refund Interest	10,000	
MINNESOTA MANAGEMENT & BUDGET		
Contingent Account	-	
Statewide Indirect Costs (Estimated)	141,655	
DEPARTMENT OF NATURAL RESOURCES		
Non-refunded Marine Gas Tax	10,973,000	
Non-refunded Snowmobile Gas Tax	7,316,000	
Non-refunded All Terrain Vehicle Gas Tax	1,975,000	
Non-refunded Forest Road	1,037,000	
Non-refunded Off-Road Motorcycle Gas Tax	337,000	
Non-refunded Off-Road Vehicle Gas Tax	1,230,000	
DEPARTMENT OF TRANSPORTAION		
Workplace Telework Program	-	
Subtotal Appropriations and Transfers	27,394,655	$ (27,394,655)
Reserve for Fund Balance - MnDOT Budget Practice		($12,000,000)
Total Funds Available for Distribution in Calendar Year 2016		$ 2,024,677,745

DISTRIBUTION OF HIGHWAY USERS FUND		Base	*Excess Sum	Total
95% Distribution per Minnesota Constitution Art. XIV, Sect. 5				
$2,024,677,745 x 95% = $1,923,443,858		$1,307,941,823	$615,502,035	$1,923,443,858
Trunk Highway Fund	62%	1,192,535,192		1,192,535,192
County State Aid Highway Fund	29%	379,303,129	178,495,590	557,798,719
Municipal State Aid Street Fund	9%	173,109,947		173,109,947
		1,744,948,268	178,495,590	1,923,443,858
5% Distribution - per M.S. 161.081		-	-	-
$2,024,677,745 x 5% = $101,233,887		$68,790,487	$32,443,400	$101,233,887
Town Road Account	30.5%	30,876,335		30,876,335
Town Bridge Account	16.0%	16,197,422		16,197,422
Flexible Highway Account	53.5%	36,802,911	17,357,219	54,160,130
		83,876,668	17,357,219	101,233,887
Total Highway User Funds Available for Distribution in Calendar Yea		$1,828,824,936	$195,852,809	$2,024,677,745

*With the exception of the County State Aid Highway Fund and County Turnback Fund the "Excess Sum" amount becomes part of the "Base" amount.

SCHEDULE "B"

Minnesota Department of Transportation
Funds Available for Distribution in 2016

Counties

INCOME:	Regular	Excess Sum	Total
County State Aid Highway Fund (95% Distribution x 29%)	$379,303,129	$178,495,590	$557,798,719
Motor Fuel Taxes - actual vs estimate	3,633,733	1,482,946	5,116,679
Motor Vehicle Taxes - actual vs estimate	4,109,576	(4,385,148)	(275,572)
Motor Vehicle Sales Taxes - actual vs estimate	503,102	443,171	946,273
Interest on Investments (CY estimate)	2,400,400	1,129,600	3,530,000
Investment Interest - actual vs estimate	(179,914)		(179,914)
Unexpended Balance of Admin Account	2,954,749	1,390,470	4,345,219
Unexpended Balance of Research Account			0
Release of Unencumbered State Park Road Account			0
Federal Reimburse for State Planning and Research Program	230,400		230,400
Total Funds Available	$392,955,175	$178,556,629	$571,511,804
LESS: DEDUCTIONS			
Administrative Account (2% of total funds available)	$7,772,560	$3,657,676	$11,430,236
Disaster Fund			
Legal Limit	$7,527,872	$3,542,528	11,070,400
Year End Account Balance	7,705,967	3,626,337	11,332,304
1% Distribution or Amount to Reach Legal Limit	($178,095)	($83,809)	(261,904)
Research Account (1/2 of 1% of the prior year Distribution Sum) $528,142,334 x .50%	1,795,684	845,028	2,640,712
State Park Road Fund After deducting for the Administrative Account, Disaster Fund, and Research Account, a sum of 3/4 of 1% of the remainder shall be set aside for use as prescribed by law.	$2,844,284	$1,338,487	$4,182,771
Total Deductions	($12,234,433)	($5,757,382)	($17,991,815)
	$380,720,742	$172,799,247	$553,519,989

Funds Available for Distribution to the Counties in 2016

		Base		Excess Sum	Total
Equalization	10% =	$38,072,074			$38,072,074
Registration	10% =	38,072,074	Registration 40%	69,119,699	107,191,773
Lane Mileage	30% =	114,216,223			114,216,223
Money Needs	50% =	190,360,371	Money Needs 60%	103,679,548	294,039,919
		$380,720,742		$172,799,247	$553,519,989

Motor Vehicle Lease Sales Tax Revenue
(M.S. 297A.815, Subd.3)

	Regular	
FY 2015 Actual in excess of forecast	4,616,160	
FY 2016 Forecast	26,050,000	
Population (100%)	$30,666,160	
Total Distribution to Counties		$584,186,149

SCHEDULE "C"

Minnesota Department of Transportation
Funds Available for Distribution in 2016

Municipalities

INCOME:

Highway Users Fund (95% Distribution x 9%)			$173,109,947
Motor Fuel Taxes - actual vs estimate			1,587,935
Motor Vehicle Taxes - actual vs estimate			(85,522)
Motor Vehicle Sales Taxes - actual vs estimate			293,671
Interest on Investments (CY estimate)			1,180,000
Investment Interest - actual vs estimate			(42,122)
Unexpended balance of Administrative Account			1,045,899
Unexpended balance of Research Account			
Federal Reimbursements for State Planning and Research Program			312,222
Total Funds Available			$177,402,030

LESS: DEDUCTIONS

Administrative Account (2% of total funds available)		$3,548,041	
Disaster Fund			
Legal Limit	5,208,361		
Year End Account Balance	5,819,909		
2% Distribution or Amount to Reach Legal Limit		($611,548)	
NOTE: Annual amount cannot be greater than 2% of total funds available after deducting Administrative Account.			
Research Account (1/2 of 1% of the prior year Apportionment Sum) $170,700,289 x .50% (As determined by previous years Screening Board)		$853,501	
			$3,789,994
			$173,612,036

Population	50% =	$86,806,018
Money Needs	50% =	86,806,018
Total		$173,612,036

SCHEDULE "D"

Minnesota Department of Transportation
Funds Available for Distribution in 2016

Town Bridge Account & Town Road Account

Income to Town Road Account (5% Distribution x 30.5%)	$30,876,335	
Income - Actual vs Estimate	320,691	
Total Town Road Funds Available for Distribution in 2016		$31,197,026
Income to Town Bridge Account (5% Distribution x 16%)	$16,197,422	
Income - actual vs estimate	168,231	
Subtotal	$16,365,653	
Less Unallocated Account (30% of Subtotal - per State Aid)		$4,909,696
Total Town Bridge Funds Available for Distribution in 2016		$11,455,957

Flexible Apportionments

Income	Regular	Excess	Total
Flexible Account (5% Distribution x 53.5%)	$36,802,911	$17,357,219	$54,160,130
Income-acutal vs estimate	801,286	(238,762)	562,524
Turnback Available for Distribution	$37,604,197	$17,118,457	$54,722,654

BASE DISTRIBUTION

	Greater MN	Metro District	Total
Municipal Turnback	$0	$0	$0
Trunk highway Turnback	0	0	0
County Turnback (Remaining Balance)	14,192,091	23,412,106	37,604,197
	$14,192,091	$23,412,106	$37,604,197

EXCESS DISTRIBUTION

County	Population		Excess Turnback Distribution
Anoka	342,612	15.103492%	$1,292,742
Carver	97,162	4.283229%	366,611
Dakota	411,507	18.140616%	1,552,697
Hennepin *	799,447	35.242320%	3,016,471
Ramsey *	229,865	10.133224%	867,326
Scott	138,727	6.115554%	523,444
Washington	249,109	10.981565%	939,937
	2,268,429	100.000000%	$8,559,228
Greater Minnesota			8,559,229
			$17,118,457

* Reduced by cities of the First Class (Minneapolis & St. Paul)
From Minnesota State Demographer - 2014 Populations published July 2015

Motor Vehicle Lease Sales Tax Revenue

INCOME	
Sales Tax on Leases - FY 2016 forecast	$26,050,000
Sales Tax on Leases - FY 2015 actual vs estimate	4,616,160
Total County Vehicle Lease Sales Tax Avail for Distribution	$30,666,160

County	Population	Population %	Add to Reg Const Dist.
Anoka	342,612	27.64969%	$8,479,098
Carver	97,162	7.84123%	2,404,604
Dakota	411,507	33.20970%	10,184,140
Scott	138,727	11.19563%	3,433,270
Washington	249,109	20.10375%	6,165,048
	1,239,117	100.00000%	$30,666,160

APPORTIONMENT SUMMARY

The Municipalities share of the Highway Users Tax Distribution Fund for the 2016 apportionment is $173,612,036. This amount is an increase of $2,911,747 or 1.7% more than the January 2015 apportionment. The available funds are distributed 50% based on Population and 50% based on Adjusted Construction (Money) Needs and is computed using the following steps.

Step 1. Population Allocation

50% of the total apportionment sum is distributed on a prorated share that a city's population bears to the total population of all the other cities.

The 2010 Federal Census, or the State Demographer's / Metropolitan Council's most recent population estimates (whichever is greater), are used to determine the 2016 population apportionment. This year 148 cities will each receive a Municipal State Aid allocation.

The following population adjustments due to annexations were made to the most recent population estimates *after* they were released in the summer of 2015. These figures include adjustments that were approved through December 2015.

Austin	*+87*	*La Crescent*	*+5*
Baxter	*+16*	*Owatonna*	*+3*
Bemidji	*+408*	*Rochester*	*+1*
Buffalo	*+2*	*Waconia*	*+4*
Detroit Lakes	*+59*		

The population for allocation purposes has increased 35,577 since last year.

State Statute 162.09 subd. 4(f) allows Circle Pines to be included with a population of 5,000 even though they are below the 5,000 population threshold.

The 2016 per capita population allocation is approximately $22.60. This is an increase of $0.17 from the 2015 allocation.

Step 2. MSAS Construction Needs Allocation

2015 marks the second year that the Needs were calculated using a Continual Needs approach in which all segments draw full Needs all the time. In addition, the Screening Board implemented "Restriction" (or Phase In) has been applied to the Construction Needs.

50% of the total apportionment sum is distributed on a prorated share that a city's Adjusted Restricted Construction (Money) Needs bears to the total Adjusted Restricted Construction Needs of all cities.

For this report, Construction (Money) Needs is defined as the estimated cost of constructing and maintaining the Municipal State Aid Street (MSAS) system. The MSAS system comprises up to 20% of a city's local, county road and county road turnback mileage plus 100% of any county highway and trunk highway turnback mileage.

For the 2016 apportionment, $1,000 in Adjusted Restricted Construction Needs earns approximately $12.15. This is a decrease of $1.10 per $1,000 from the 2015 apportionment. A reason for this decrease is that the overall Needs increased at a greater rate than Total Apportionment Sum.

Construction Needs Allocations yielded an increase to 91 of 148 cities. Changes in a city's allocation can be due to the Restriction and to changes in a city's Needs. Changes in Needs are due to system revisions, adjustments to unit prices, additional mileage designations, and updated traffic counts.

Step 3. The Total Allocations

Population and Adjusted Construction Needs allocations are combined to determine the city's total allocation. In the 2016 apportionment, all 93 of 148 cities increased from the 2015 allocation.

Step 4. Construction and Maintenance Allotments

Each city's total allocation is used to determine the amount allocated to its Maintenance and Construction Allotments. If a city didn't request more than the minimum maintenance, the maintenance was allocated at a rate of $1500 per improved mile plus any bond interest due in 2015. A greater maintenance amount, up to 35% of the total allocation, is allocated to those cities that have submitted a written request before December 16 preceding the apportionment. After the maintenance amount is determined, the remaining amount is allocated to the city's construction account.

2016 POPULATION SUMMARY

The populations used for 2016 Allocations are based on the 2010 Federal Census
or the most recent State Demographer estimates, **whichever are greater**.

Municipality	2010 Census	Population used for 2015 Allocation	Newest Population Estimates (Released Dec. 2015)	Population to be used for 2016 Allocation	Difference between Populations used for 2015 & 2016 Allocation
Albert Lea	18,016	18,016	17,945	**18,016**	0
Albertville	7,044	7,211	7,262	**7,262**	51
Alexandria	11,074	13,045	13,182	**13,182**	137
Andover	30,598	31,692	31,874	**31,874**	182
Anoka	17,142	17,283	17,586	**17,586**	303
Apple Valley	49,084	50,326	50,330	**50,330**	4
Arden Hills	9,552	9,552	9,652	**9,652**	100
Austin	24,721	24,983	25,097	**25,097**	114
Baxter	7,610	7,747	8,018	**8,018**	271
Belle Plaine	6,661	6,684	6,572	**6,661**	(23)
Bemidji	13,431	14,411	14,784	**14,784**	373
Big Lake	10,060	10,402	10,587	**10,587**	185
Blaine	57,186	62,018	62,066	**62,066**	48
Bloomington	82,893	85,935	86,652	**86,652**	717
Brainerd	13,590	13,662	13,659	**13,659**	(3)
Brooklyn Center	30,104	30,426	29,889	**30,104**	(322)
Brooklyn Park	75,781	77,989	78,362	**78,362**	373
Buffalo	15,453	15,812	15,913	**15,913**	101
Burnsville	60,306	61,300	61,747	**61,747**	447
Byron	4,952	5,137	5,264	**5,264**	127
Cambridge	8,111	8,273	8,338	**8,338**	65
Champlin	23,089	23,499	22,880	**23,089**	(410)
Chanhassen	22,952	24,155	24,503	**24,503**	348
Chaska	23,770	24,811	25,270	**25,270**	459
Chisago City	4,967	5,000	5,069	**5,069**	69
Chisholm	4,976	5,036	5,029	**5,029**	(7)
Circle Pines	4,922	5,014	4,961	**5,000**	(14)
Cloquet	12,124	12,180	12,258	**12,258**	78
Columbia Heights	19,496	19,758	19,709	**19,709**	(49)
Coon Rapids	61,476	62,684	62,435	**62,435**	(249)
Corcoran	5,379	5,471	5,513	**5,513**	42
Cottage Grove	34,589	35,403	35,250	**35,250**	(153)
Crookston	7,891	7,964	7,902	**7,902**	(62)
Crystal	22,151	22,645	22,436	**22,436**	(209)
Dayton	4,743	5,000	5,011	**5,011**	11
Delano	5,464	5,638	5,757	**5,757**	119
Detroit Lakes	8,571	8,906	9,112	**9,112**	206
Duluth	86,265	86,265	86,367	**86,367**	102
Eagan	64,206	66,301	66,810	**66,810**	509
East Bethel	11,626	11,626	11,591	**11,626**	0
East Grand Forks	8,601	8,640	8,731	**8,731**	91
Eden Prairie	60,797	62,729	62,593	**62,593**	(136)
Edina	47,941	49,216	50,261	**50,261**	1,045
Elk River	22,974	23,370	23,730	**23,730**	360
Fairmont	10,666	10,666	10,464	**10,666**	0
Falcon Heights	5,321	5,445	5,398	**5,398**	(47)
Faribault	23,352	23,477	23,631	**23,631**	154

N:MSAS/Books/2016 January Book/ Population Spreadsheets for 2016.xls

Municipality	2010 Census	Population used for 2015 Allocation	Newest Population Estimates (Released Dec. 2015)	Population to be used for 2016 Allocation	Difference between Populations used for 2015 & 2016 Allocation
Farmington	21,086	22,051	22,386	**22,386**	335
Fergus Falls	13,140	13,295	13,280	**13,280**	(15)
Forest Lake	18,375	19,056	19,484	**19,484**	428
Fridley	27,208	27,865	27,952	**27,952**	87
Glencoe	5,631	5,631	5,552	**5,631**	0
Golden Valley	20,371	20,683	20,790	**20,790**	107
Grand Rapids	10,869	10,994	11,114	**11,114**	120
Ham Lake	15,296	15,650	15,666	**15,666**	16
Hastings	22,172	22,592	22,492	**22,492**	(100)
Hermantown	9,414	9,625	9,726	**9,726**	101
Hibbing	16,361	16,361	16,340	**16,361**	0
Hopkins	17,591	18,413	18,971	**18,971**	558
Hugo	13,332	13,878	14,201	**14,201**	323
Hutchinson	14,180	14,180	14,124	**14,180**	0
International Falls	6,424	6,424	6,333	**6,424**	0
Inver Grove Heights	33,880	34,458	34,831	**34,831**	373
Isanti	5,251	5,385	5,409	**5,409**	24
Jordan	5,470	6,272	6,148	**6,148**	(124)
Kasson	5,931	6,083	6,124	**6,124**	41
LaCrescent	4,883	5,000	5,079	**5,079**	79
Lake City	5,063	5,063	5,031	**5,063**	0
Lake Elmo	8,069	8,773	8,594	**8,594**	(179)
Lakeville	55,954	57,789	59,361	**59,361**	1,572
Lino Lakes	20,216	20,833	21,129	**21,129**	296
Litchfield	6,726	6,726	6,741	**6,741**	15
Little Canada	9,773	9,962	9,912	**9,912**	(50)
Little Falls	8,347	8,800	8,807	**8,807**	7
Mahtomedi	7,676	7,871	8,043	**8,043**	172
Mankato	39,313	40,743	41,202	**41,202**	459
Maple Grove	61,567	63,746	64,448	**64,448**	702
Maplewood	38,018	38,950	39,054	**39,054**	104
Marshall	13,680	13,729	13,719	**13,719**	(10)
Medina	4,916	5,309	5,831	**5,831**	522
Mendota Heights	11,071	11,163	11,124	**11,124**	(39)
Minneapolis	382,578	400,938	411,273	**411,273**	10,335
Minnetonka	49,734	50,841	51,144	**51,144**	303
Minnetrista	6,384	6,796	6,763	**6,763**	(33)
Montevideo	5,383	5,383	5,327	**5,383**	0
Monticello	12,759	12,993	13,125	**13,125**	132
Moorhead	38,065	40,478	41,181	**41,181**	703
Morris	5,286	5,382	5,436	**5,436**	54
Mound	9,052	9,421	9,318	**9,318**	(103)
Mounds View	12,155	12,314	12,444	**12,444**	130
New Brighton	21,456	22,123	22,084	**22,084**	(39)
New Hope	20,339	20,904	20,812	**20,812**	(92)
New Prague	7,321	7,419	7,439	**7,439**	20
New Ulm	13,522	13,522	13,519	**13,522**	0
North Branch	10,125	10,184	10,286	**10,286**	102
North Mankato	13,394	13,520	13,610	**13,610**	90
North St. Paul	11,460	11,951	12,006	**12,006**	55
Northfield	20,007	20,147	20,313	**20,313**	166
Oak Grove	8,031	8,210	8,337	**8,337**	127

Municipality	2010 Census	Population used for 2015 Allocation	Newest Population Estimates (Released Dec. 2015)	Population to be used for 2016 Allocation	Difference between Populations used for 2015 & 2016 Allocation
Oakdale	27,378	28,142	28,655	**28,655**	513
Orono	7,437	7,611	7,785	**7,785**	174
Otsego	13,571	14,457	14,968	**14,968**	511
Owatonna	25,599	25,599	25,663	**25,663**	64
Plymouth	70,576	72,969	73,633	**73,633**	664
Prior Lake	22,796	24,223	24,911	**24,911**	688
Ramsey	23,668	24,306	24,811	**24,811**	505
Red Wing	16,459	16,488	16,505	**16,505**	17
Redwood Falls	5,256	5,256	5,207	**5,256**	0
Richfield	35,228	36,041	36,157	**36,157**	116
Robbinsdale	13,953	14,445	14,512	**14,512**	67
Rochester	106,750	110,393	111,008	**111,008**	615
Rogers	11,197	11,981	12,230	**12,230**	249
Rosemount	21,874	22,605	22,490	**22,490**	(115)
Roseville	33,660	34,476	34,719	**34,719**	243
Sartell	15,887	16,217	16,949	**16,949**	732
Sauk Rapids	12,773	13,210	13,307	**13,307**	97
Savage	26,911	28,603	29,047	**29,047**	444
Shakopee	37,076	38,701	39,523	**39,523**	822
Shoreview	25,043	25,630	25,723	**25,723**	93
Shorewood	7,307	7,524	7,425	**7,425**	(99)
South St. Paul	20,160	20,441	20,146	**20,160**	(281)
Spring Lake Park	6,412	6,439	6,513	**6,513**	74
St. Anthony	8,226	8,516	8,965	**8,965**	449
St. Cloud	65,842	66,219	66,462	**66,462**	243
St. Francis	7,218	7,240	7,296	**7,296**	56
St. Joseph	6,534	6,787	6,805	**6,805**	18
St. Louis Park	45,250	47,321	47,933	**47,933**	612
St. Michael	16,399	16,801	16,983	**16,983**	182
St. Paul	285,068	296,542	299,641	**299,641**	3,099
St. Paul Park	5,279	5,394	5,314	**5,314**	(80)
St. Peter	11,196	11,445	11,758	**11,758**	313
Stewartville	5,916	6,189	6,219	**6,219**	30
Stillwater	18,225	18,970	18,892	**18,892**	(78)
Thief River Falls	8,573	8,668	8,722	**8,722**	54
Vadnais Heights	12,302	12,643	12,583	**12,583**	(60)
Victoria	7,379	8,133	8,462	**8,462**	329
Virginia	8,712	8,712	8,640	**8,712**	0
Waconia	10,697	11,345	11,524	**11,524**	179
Waite Park	6,715	7,372	7,473	**7,473**	101
Waseca	9,412	9,412	9,365	**9,412**	0
West St. Paul	19,540	19,648	19,800	**19,800**	152
White Bear Lake	23,797	24,100	24,159	**24,159**	59
Willmar	19,610	19,717	19,731	**19,731**	14
Winona	27,614	27,750	27,581	**27,614**	(136)
Woodbury	61,961	65,746	66,119	**66,119**	373
Worthington	12,764	12,974	12,986	**12,986**	12
Wyoming	7,791	7,800	7,854	**7,854**	54
Zimmerman	5,228	5,269	5,297	**5,297**	28
Total	**3,690,202**	**3,805,152**	**3,839,316**	**3,840,729**	**35,577**

N:MSAS/Books/2016 January Book/ Population Spreadsheets for 2016.xls

2016 POPULATION ALLOCATIONS

Municipality	Population Used for 2015 Allocations	Population to be used for the 2016 Allocations	2015 Population Allocations	2016 Population Allocations	Difference Between 2015 & 2016 Allocations	% Increase (Decrease)
Albert Lea	18,016	18,016	$404,102	**$407,188**	$3,086	0.76%
Albertville	7,211	7,262	161,744	**164,132**	2,388	1.48%
Alexandria	13,045	13,182	292,601	**297,932**	5,331	1.82%
Andover	31,692	31,874	710,856	**720,398**	9,542	1.34%
Anoka	17,283	17,586	387,660	**397,469**	9,809	2.53%
Apple Valley	50,326	50,330	1,128,820	**1,137,531**	8,711	0.77%
Arden Hills	9,552	9,652	214,253	**218,149**	3,896	1.82%
Austin	24,983	25,097	560,373	**567,228**	6,855	1.22%
Baxter	7,747	8,018	173,766	**181,218**	7,452	4.29%
Belle Plaine	6,684	6,661	149,923	**150,548**	625	0.42%
Bemidji	14,411	14,784	323,241	**334,140**	10,899	3.37%
Big Lake	10,402	10,587	233,318	**239,281**	5,963	2.56%
Blaine	62,018	62,066	1,391,073	**1,402,781**	11,708	0.84%
Bloomington	85,935	86,652	1,927,535	**1,958,460**	30,925	1.60%
Brainerd	13,662	13,659	306,441	**308,713**	2,272	0.74%
Brooklyn Center	30,426	30,104	682,460	**680,394**	(2,066)	-0.30%
Brooklyn Park	77,989	78,362	1,749,305	**1,771,094**	21,789	1.25%
Buffalo	15,812	15,913	354,666	**359,657**	4,991	1.41%
Burnsville	61,300	61,747	1,374,968	**1,395,571**	20,603	1.50%
Byron	5,137	5,264	115,224	**118,974**	3,750	3.25%
Cambridge	8,273	8,338	185,565	**188,451**	2,886	1.56%
Champlin	23,499	23,089	527,086	**521,845**	(5,241)	-0.99%
Chanhassen	24,155	24,503	541,800	**553,803**	12,003	2.22%
Chaska	24,811	25,270	556,515	**571,138**	14,623	2.63%
Chisago City	5,000	5,069	112,151	**114,567**	2,416	2.15%
Chisholm	5,036	5,029	112,958	**113,663**	705	0.62%
Circle Pines	5,014	5,000	112,465	**113,007**	542	0.48%
Cloquet	12,180	12,258	273,199	**277,048**	3,849	1.41%
Columbia Heights	19,758	19,709	443,175	**445,452**	2,277	0.51%
Coon Rapids	62,684	62,435	1,406,012	**1,411,121**	5,109	0.36%
Corcoran	5,471	5,513	122,715	**124,602**	1,887	1.54%
Cottage Grove	35,403	35,250	794,095	**796,701**	2,606	0.33%
Crookston	7,964	7,902	178,634	**178,597**	(37)	-0.02%
Crystal	22,645	22,436	507,931	**507,086**	(845)	-0.17%
Dayton	5,000	5,011	112,151	**113,256**	1,105	0.99%
Delano	5,638	5,757	126,461	**130,117**	3,656	2.89%
Detroit Lakes	8,906	9,112	199,763	**205,944**	6,181	3.09%
Duluth	86,265	86,367	1,934,937	**1,952,019**	17,082	0.88%
Eagan	66,301	66,810	1,487,142	**1,510,002**	22,860	1.54%
East Bethel	11,626	11,626	260,773	**262,764**	1,991	0.76%
East Grand Forks	8,640	8,731	193,797	**197,333**	3,536	1.82%
Eden Prairie	62,729	62,593	1,407,021	**1,414,692**	7,671	0.55%
Edina	49,216	50,261	1,103,922	**1,135,971**	32,049	2.90%
Elk River	23,370	23,730	524,193	**536,332**	12,139	2.32%

N:MSAS/Books/2016January Book/Population Spreadsheets for 2016.xls

Municipality	Population Used for 2015 Allocations	Population to be used for the 2016 Allocations	2015 Population Allocations	2016 Population Allocations	Difference Between 2015 & 2016 Allocations	% Increase (Decrease)
Fairmont	10,666	10,666	$239,240	**$241,067**	$1,827	0.76%
Falcon Heights	5,445	5,398	122,132	**122,003**	(129)	-0.11%
Faribault	23,477	23,631	526,593	**534,095**	7,502	1.42%
Farmington	22,051	22,386	494,607	**505,956**	11,349	2.29%
Fergus Falls	13,295	13,280	298,209	**300,147**	1,938	0.65%
Forest Lake	19,056	19,484	427,429	**440,367**	12,938	3.03%
Fridley	27,865	27,952	625,016	**631,756**	6,740	1.08%
Glencoe	5,631	5,631	126,304	**127,269**	965	0.76%
Golden Valley	20,683	20,790	463,923	**469,884**	5,961	1.28%
Grand Rapids	10,994	11,114	246,597	**251,192**	4,595	1.86%
Ham Lake	15,650	15,666	351,032	**354,074**	3,042	0.87%
Hastings	22,592	22,492	506,742	**508,352**	1,610	0.32%
Hermantown	9,625	9,726	215,890	**219,822**	3,932	1.82%
Hibbing	16,361	16,361	366,980	**369,782**	2,802	0.76%
Hopkins	18,413	18,971	413,006	**428,772**	15,766	3.82%
Hugo	13,878	14,201	311,286	**320,963**	9,677	3.11%
Hutchinson	14,180	14,180	318,060	**320,488**	2,428	0.76%
International Falls	6,424	6,424	144,091	**145,192**	1,101	0.76%
Inver Grove Heights	34,458	34,831	772,898	**787,231**	14,333	1.85%
Isanti	5,385	5,409	120,786	**122,251**	1,465	1.21%
Jordan	6,272	6,148	140,682	**138,954**	(1,728)	-1.23%
Kasson	6,083	6,124	136,443	**138,411**	1,968	1.44%
LaCrescent	5,000	5,079	112,151	**114,793**	2,642	2.36%
Lake City	5,063	5,063	113,564	**114,431**	867	0.76%
Lake Elmo	8,773	8,594	196,780	**194,237**	(2,543)	-1.29%
Lakeville	57,789	59,361	1,296,216	**1,341,644**	45,428	3.50%
Lino Lakes	20,833	21,129	467,287	**477,546**	10,259	2.20%
Litchfield	6,726	6,741	150,865	**152,356**	1,491	0.99%
Little Canada	9,962	9,912	223,449	**224,026**	577	0.26%
Little Falls	8,800	8,807	197,385	**199,051**	1,666	0.84%
Mahtomedi	7,871	8,043	176,548	**181,783**	5,235	2.97%
Mankato	40,743	41,202	913,872	**931,225**	17,353	1.90%
Maple Grove	63,746	64,448	1,429,833	**1,456,618**	26,785	1.87%
Maplewood	38,950	39,054	873,654	**882,677**	9,023	1.03%
Marshall	13,729	13,719	307,944	**310,069**	2,125	0.69%
Medina	5,309	5,831	119,082	**131,789**	12,707	10.67%
Mendota Heights	11,163	11,124	250,388	**251,418**	1,030	0.41%
Minneapolis	400,938	411,273	8,993,101	**9,295,363**	302,262	3.36%
Minnetonka	50,841	51,144	1,140,371	**1,155,928**	15,557	1.36%
Minnetrista	6,796	6,763	152,435	**152,854**	419	0.27%
Montevideo	5,383	5,383	120,742	**121,664**	922	0.76%
Monticello	12,993	13,125	291,435	**296,644**	5,209	1.79%
Moorhead	40,478	41,181	907,928	**930,750**	22,822	2.51%
Morris	5,382	5,436	120,719	**122,861**	2,142	1.77%
Mound	9,421	9,318	211,314	**210,600**	(714)	-0.34%
Mounds View	12,314	12,444	276,205	**281,252**	5,047	1.83%
New Brighton	22,123	22,084	496,222	**499,130**	2,908	0.59%
New Hope	20,904	20,812	468,880	**470,381**	1,501	0.32%
New Prague	7,419	7,439	166,409	**168,132**	1,723	1.04%

Municipality	Population Used for 2015 Allocations	Population to be used for the 2016 Allocations	2015 Population Allocations	2016 Population Allocations	Difference Between 2015 & 2016 Allocations	% Increase (Decrease)
New Ulm	13,522	13,522	$303,301	**$305,617**	$2,316	0.76%
North Branch	10,184	10,286	228,429	**232,478**	4,049	1.77%
North Mankato	13,520	13,610	303,256	**307,606**	4,350	1.43%
North St. Paul	11,951	12,006	268,063	**271,353**	3,290	1.23%
Northfield	20,147	20,313	451,900	**459,103**	7,203	1.59%
Oak Grove	8,210	8,337	184,152	**188,428**	4,276	2.32%
Oakdale	28,142	28,655	631,229	**647,644**	16,415	2.60%
Orono	7,611	7,785	170,716	**175,952**	5,236	3.07%
Otsego	14,457	14,968	324,273	**338,298**	14,025	4.33%
Owatonna	25,599	25,663	574,190	**580,021**	5,831	1.02%
Plymouth	72,969	73,633	1,636,706	**1,664,212**	27,506	1.68%
Prior Lake	24,223	24,911	543,326	**563,025**	19,699	3.63%
Ramsey	24,306	24,811	545,187	**560,764**	15,577	2.86%
Red Wing	16,488	16,505	369,828	**373,037**	3,209	0.87%
Redwood Falls	5,256	5,256	117,893	**118,793**	900	0.76%
Richfield	36,041	36,157	808,405	**817,200**	8,795	1.09%
Robbinsdale	14,445	14,512	324,004	**327,992**	3,988	1.23%
Rochester	110,393	111,008	2,476,132	**2,508,941**	32,809	1.33%
Rogers	11,981	12,230	268,736	**276,416**	7,680	2.86%
Rosemount	22,605	22,490	507,034	**508,306**	1,272	0.25%
Roseville	34,476	34,719	773,302	**784,700**	11,398	1.47%
Sartell	16,217	16,949	363,750	**383,072**	19,322	5.31%
Sauk Rapids	13,210	13,307	296,302	**300,757**	4,455	1.50%
Savage	28,603	29,047	641,570	**656,504**	14,934	2.33%
Shakopee	38,701	39,523	868,069	**893,277**	25,208	2.90%
Shoreview	25,630	25,723	574,885	**581,377**	6,492	1.13%
Shorewood	7,524	7,425	168,764	**167,816**	(948)	-0.56%
South St. Paul	20,441	20,160	458,495	**455,645**	(2,850)	-0.62%
Spring Lake Park	6,439	6,513	144,428	**147,203**	2,775	1.92%
St. Anthony	8,516	8,965	191,015	**202,622**	11,607	6.08%
St. Cloud	66,219	66,462	1,485,302	**1,502,137**	16,835	1.13%
St. Francis	7,240	7,296	162,394	**164,900**	2,506	1.54%
St. Joseph	6,787	6,805	152,233	**153,803**	1,570	1.03%
St. Louis Park	47,321	47,933	1,061,417	**1,083,355**	21,938	2.07%
St. Michael	16,801	16,983	376,849	**383,840**	6,991	1.86%
St. Paul	296,542	299,641	6,651,482	**6,772,319**	120,837	1.82%
St. Paul Park	5,394	5,314	120,988	**120,104**	(884)	-0.73%
St. Peter	11,445	11,758	256,713	**265,748**	9,035	3.52%
Stewartville	6,189	6,219	138,820	**140,558**	1,738	1.25%
Stillwater	18,970	18,892	425,500	**426,986**	1,486	0.35%
Thief River Falls	8,668	8,722	194,425	**197,130**	2,705	1.39%
Vadnais Heights	12,643	12,583	283,584	**284,394**	810	0.29%
Victoria	8,133	8,462	182,424	**191,253**	8,829	4.84%
Virginia	8,712	8,712	195,412	**196,904**	1,492	0.76%
Waconia	11,345	11,524	254,470	**260,459**	5,989	2.35%
Waite Park	7,372	7,473	165,355	**168,901**	3,546	2.14%
Waseca	9,412	9,412	211,113	**212,725**	1,612	0.76%
West St. Paul	19,648	19,800	440,708	**447,509**	6,801	1.54%
White Bear Lake	24,100	24,159	540,567	**546,028**	5,461	1.01%

Municipality	Population Used for 2015 Allocations	Population to be used for the 2016 Allocations	2015 Population Allocations	2016 Population Allocations	Difference Between 2015 & 2016 Allocations	% Increase (Decrease)
Willmar	19,717	19,731	$442,255	**$445,949**	$3,694	0.84%
Winona	27,750	27,614	622,437	**624,116**	1,679	0.27%
Woodbury	65,746	66,119	1,474,693	**1,494,385**	19,692	1.34%
Worthington	12,974	12,986	291,009	**293,503**	2,494	0.86%
Wyoming	7,800	7,854	174,955	**177,513**	2,558	1.46%
Zimmerman	5,269	5,297	118,184	**119,721**	1,537	1.30%
Total	**3,805,152**	**3,840,729**	**$85,350,144**	**$86,806,018**	**$1,455,874**	

A city's Population Allocation equals total population apportionment ($86,806,018) divided by the total population times the city's population.

2015	$85,350,144 / 3,805,152	Equals	$22.43	Per person
2016	**$86,806,018** / 3,840,729	Equals	$22.60	Per person

The population difference between 2015 and 2016 for allocation purposes is **35,577** (0.9% increase overall)

137 Cities Increased their population allocation.
11 Cities Decreased their population allocation.

N:MSAS/Books/2016January Book/Population Spreadsheets for 2016.xls

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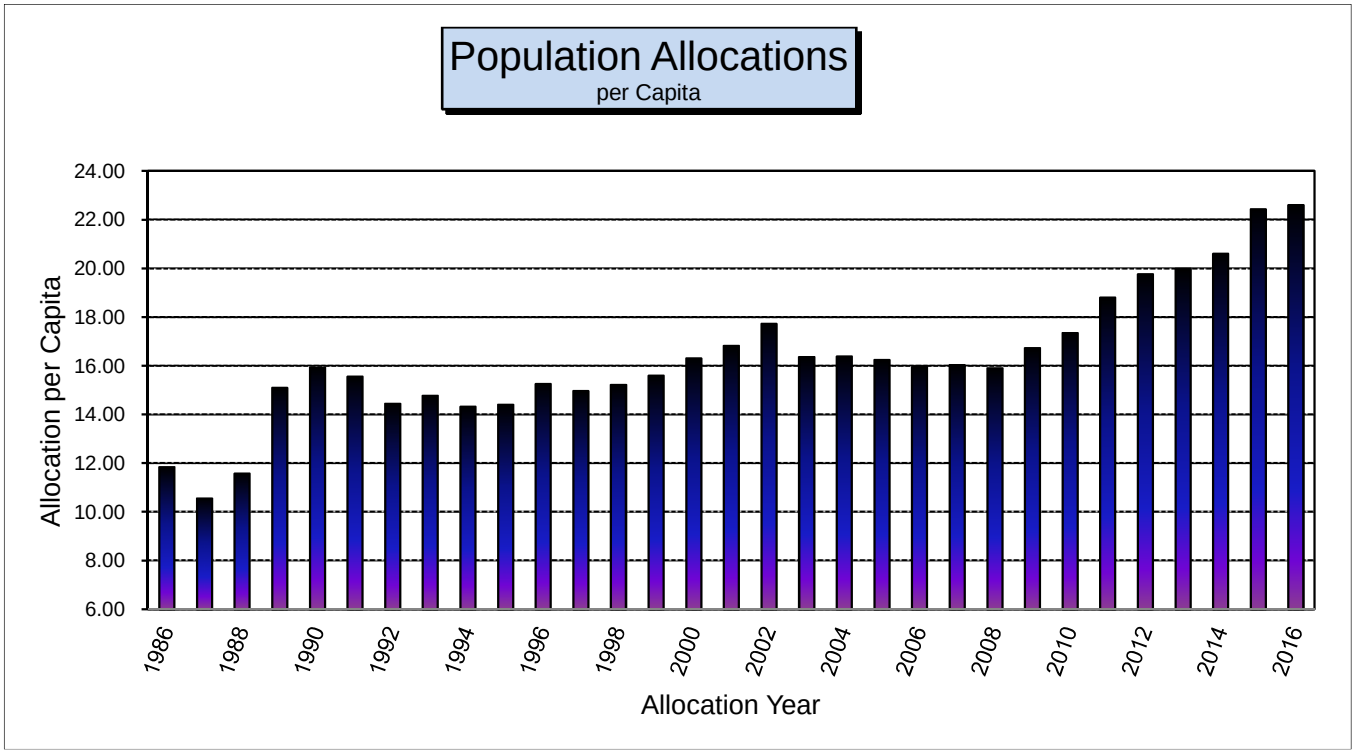

Alloc. Year	Pop Alloc. per Capita	Percent Increase from 1958	Alloc. Year	Pop Alloc. per Capita	Percent Increase from 1958	Alloc. Year	Pop Alloc. per Capita	Percent Increase from 1958
1958	$2.38		**1978**	$5.75	141.60	**1998**	$15.22	539.50
1959	2.64	10.92	**1979**	6.32	165.55	**1999**	15.59	528.57
1960	2.73	14.71	**1980**	6.94	191.60	**2000**	16.30	539.50
1961	2.39	0.42	**1981**	7.25	204.62	**2001**	16.82	555.04
1962	2.35	-1.26	**1982**	8.51	257.56	**2002**	17.72	584.87
1963	2.46	3.36	**1983**	9.41	295.38	**2003**	16.36	587.39
1964	2.46	3.36	**1984**	9.97	318.91	**2004**	16.38	588.17
1965	2.96	24.37	**1985**	11.52	384.03	**2005**	16.24	582.35
1966	2.99	25.63	**1986**	11.84	397.48	**2006**	15.95	570.17
1967	3.19	34.03	**1987**	10.55	343.28	**2007**	16.03	573.53
1968	3.34	40.34	**1988**	11.57	386.13	**2008**	15.90	568.07
1969	3.51	47.48	**1989**	15.09	534.03	**2009**	16.72	602.52
1970	3.83	60.92	**1990**	15.93	569.33	**2010**	17.35	628.99
1971	3.96	66.39	**1991**	15.55	553.36	**2011**	18.80	689.92
1972	3.98	67.23	**1992**	14.44	506.72	**2012**	19.76	730.25
1973	4.00	68.07	**1993**	14.77	520.59	**2013**	19.98	739.50
1974	4.65	95.38	**1994**	14.32	501.68	**2014**	20.60	765.55
1975	4.83	102.94	**1995**	14.40	505.04	**2015**	22.43	842.44
1976	4.77	100.42	**1996**	15.25	540.76	**2016**	22.60	849.58
1977	5.77	142.44	**1997**	14.96	540.76			

Low in 1962 of $2.35 per capita
High in 2016 of $22.60 per capita

2016 CONSTRUCTION NEEDS

50% of the total apportionment is determined on a prorated share that each city's adjusted restricted construction needs bears to the total of all the adjusted restricted construction needs. The tabulations in this report show each municipality's construction needs apportionment based on the amount of funds available to allocate.

2016 is the second year in which the Municipal Screening Board mandated “phase in” is being applied to Construction Needs. After the phase in (or restriction) is applied, other adjustments are applied to each city’s Restricted Needs. These adjustments are all outlined in Screening Board Resolutions and include all ‘after the fact’ adjustments, as well as the Excess Balance Adjustment redistributed as Low Balance Incentive. Any other Individual Adjustments are also applied. Ultimately, each city’s construction needs allocation is based on their “Adjusted Restricted Construction Needs”.

The following pages provide specific data and show the impact of the adjustments to each municipality in establishing the 2016 Construction Needs Apportionment. Before determining each city’s allocation, the following Municipal Screening Board mandated adjustments are applied to the construction Needs.

- Phase In (or Restriction)
- 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 2016)
- Trunk Highway Turnback Maintenance (none for 2016)

RESTRICTED NEEDS (PHASE IN) for 2016

Bandwidth is - 5% and + 10% from the Statewide Average Percent of Change. State Average Percent of Change is 10.17%. Therefore the current Unadjusted Needs for each city must increase by at least 5.17%, but not more than 20.17% from the Restricted Needs from Jan. 2015.

49 Cities received the Lower Restriction
39 Cities received the Upper Restriction
60 Cities received No Restriction

	Restricted Needs for Jan. 2015 Distribution	Unadjusted Construction Needs for Jan. 2016 Distribution	Percent of Change from Jan. 2015 to Jan. 2016	Lower Restriction (5.17%)	Upper Restriction (20.17%)	No Restriction	Restricted Needs For Jan. 2016 Distribution
Albert Lea	$44,866,152	$44,521,250	(0.77)	$47,185,732	$0	$0	**$47,185,732**
Albertville	12,635,961	12,578,196	(0.46)	13,289,240	0	0	**13,289,240**
Alexandria	51,862,445	58,550,435	12.90	0	0	58,550,435	**58,550,435**
Andover	64,860,796	60,243,081	(7.12)	68,214,099	0	0	**68,214,099**
Anoka	24,369,290	29,085,792	19.35	0	0	29,085,792	**29,085,792**
Apple Valley	67,012,267	74,431,572	11.07	0	0	74,431,572	**74,431,572**
Arden Hills	9,861,834	11,058,796	12.14	0	0	11,058,796	**11,058,796**
Austin	53,999,831	60,819,998	12.63	0	0	60,819,998	**60,819,998**
Baxter	22,797,276	29,551,665	29.63	0	27,395,487	0	**27,395,487**
Belle Plaine	11,715,297	13,120,143	11.99	0	0	13,120,143	**13,120,143**
Bemidji	24,929,233	33,717,552	35.25	0	29,957,459	0	**29,957,459**
Big Lake	15,058,173	16,057,329	6.64	0	0	16,057,329	**16,057,329**
Blaine	56,442,244	90,273,455	59.94	0	67,826,645	0	**67,826,645**
Bloomington	153,508,597	170,432,016	11.02	0	0	170,432,016	**170,432,016**
Brainerd	32,493,526	36,800,202	13.25	0	0	36,800,202	**36,800,202**
Brooklyn Center	22,171,323	44,960,862	102.79	0	26,643,279	0	**26,643,279**
Brooklyn Park	65,335,705	113,499,102	73.72	0	78,513,917	0	**78,513,917**
Buffalo	32,153,081	28,938,127	(10.00)	33,815,395	0	0	**33,815,395**
Burnsville	98,040,746	94,290,301	(3.83)	103,109,453	0	0	**103,109,453**
Byron	6,405,443	9,115,745	42.31	0	7,697,421	0	**7,697,421**
Cambridge	17,667,939	31,080,240	75.91	0	21,231,562	0	**21,231,562**
Champlin	29,717,179	36,425,520	22.57	0	35,711,134	0	**35,711,134**
Chanhassen	30,318,191	43,131,716	42.26	0	36,433,370	0	**36,433,370**

	Restricted Needs for Jan. 2015 Distribution	Unadjusted Construction Needs for Jan. 2016 Distribution	Percent of Change from Jan. 2015 to Jan. 2016	Lower Restriction (5.17%)	Upper Restriction (20.17%)	No Restriction	Restricted Needs For Jan. 2016 Distribution
Chaska	$33,894,101	$38,058,816	12.29	$0	$0	$38,058,816	**$38,058,816**
Chisago City	10,447,280	11,685,782	11.85	0	0	11,685,782	**11,685,782**
Chisholm	13,912,772	12,571,485	(9.64)	14,632,062	0	0	**14,632,062**
Circle Pines	4,960,996	5,261,644	6.06	0	0	5,261,644	**5,261,644**
Cloquet	31,853,498	33,940,963	6.55	0	0	33,940,963	**33,940,963**
Columbia Heights	22,953,769	20,512,341	(10.64)	24,140,479	0	0	**24,140,479**
Coon Rapids	80,506,694	90,002,776	11.80	0	0	90,002,776	**90,002,776**
Corcoran	20,097,825	18,337,663	(8.76)	21,136,883	0	0	**21,136,883**
Cottage Grove	60,871,401	60,208,911	(1.09)	64,018,452	0	0	**64,018,452**
Crookston	29,657,370	23,251,352	(21.60)	31,190,656	0	0	**31,190,656**
Crystal	19,900,800	27,091,628	36.13	0	23,914,791	0	**23,914,791**
Dayton	9,481,703	11,052,558	16.57	0	0	11,052,558	**11,052,558**
Delano	13,152,848	10,229,158	(22.23)	13,832,850	0	0	**13,832,850**
Detroit Lakes	28,958,917	41,413,230	43.01	0	34,799,931	0	**34,799,931**
Duluth	272,800,581	236,210,783	(13.41)	286,904,371	0	0	**286,904,371**
Eagan	107,947,440	97,296,671	(9.87)	113,528,323	0	0	**113,528,323**
East Bethel	40,875,128	34,604,564	(15.34)	42,988,372	0	0	**42,988,372**
East Grand Forks	32,396,612	37,499,133	15.75	0	0	37,499,133	**37,499,133**
Eden Prairie	83,196,881	102,246,156	22.90	0	99,977,692	0	**99,977,692**
Edina	65,976,331	86,973,136	31.82	0	79,283,757	0	**79,283,757**
Elk River	62,127,121	69,576,847	11.99	0	0	69,576,847	**69,576,847**
Fairmont	35,557,149	36,038,536	1.35	37,395,454	0	0	**37,395,454**
Falcon Heights	4,426,803	4,887,925	10.42	0	0	4,887,925	**4,887,925**
Faribault	44,319,079	50,091,569	13.02	0	0	50,091,569	**50,091,569**
Farmington	29,091,549	27,453,007	(5.63)	30,595,582	0	0	**30,595,582**
Fergus Falls	52,493,595	55,629,214	5.97	0	0	55,629,214	**55,629,214**
Forest Lake	60,214,876	51,488,033	(14.49)	63,327,985	0	0	**63,327,985**
Fridley	37,733,891	37,917,405	0.49	39,684,733	0	0	**39,684,733**
Glencoe	13,169,331	12,761,029	(3.10)	13,850,185	0	0	**13,850,185**
Golden Valley	39,782,303	45,964,170	15.54	0	0	45,964,170	**45,964,170**
Grand Rapids	53,780,458	42,082,145	(21.75)	56,560,908	0	0	**56,560,908**
Ham Lake	37,929,086	43,744,287	15.33	0	0	43,744,287	**43,744,287**
Hastings	19,900,075	40,807,002	105.06	0	23,913,920	0	**23,913,920**

	Restricted Needs for Jan. 2015 Distribution	Unadjusted Construction Needs for Jan. 2016 Distribution	Percent of Change from Jan. 2015 to Jan. 2016	Lower Restriction (5.17%)	Upper Restriction (20.17%)	No Restriction	Restricted Needs For Jan. 2016 Distribution
Hermantown	$33,146,094	$31,896,872	(3.77)	$34,859,747	$0	$0	**$34,859,747**
Hibbing	70,780,169	78,417,905	10.79	0	0	78,417,905	**78,417,905**
Hopkins	18,652,164	20,931,180	12.22	0	0	20,931,180	**20,931,180**
Hugo	25,275,141	30,702,307	21.47	0	30,373,137	0	**30,373,137**
Hutchinson	26,277,515	38,087,083	44.94	0	31,577,690	0	**31,577,690**
International Falls	10,459,001	9,804,109	(6.26)	10,999,731	0	0	**10,999,731**
Inver Grove Heights	60,222,744	57,065,657	(5.24)	63,336,260	0	0	**63,336,260**
Isanti	8,475,206	9,402,642	10.94	0	0	9,402,642	**9,402,642**
Jordan	11,438,885	9,840,214	(13.98)	12,030,275	0	0	**12,030,275**
Kasson	9,593,973	9,575,328	(0.19)	10,089,981	0	0	**10,089,981**
La Crescent	8,981,693	8,106,591	(9.74)	9,446,047	0	0	**9,446,047**
Lake City	10,054,362	11,657,574	15.95	0	0	11,657,574	**11,657,574**
Lake Elmo	21,216,978	24,655,414	16.21	0	0	24,655,414	**24,655,414**
Lakeville	94,650,198	105,649,823	11.62	0	0	105,649,823	**105,649,823**
Lino Lakes	41,656,250	31,381,488	(24.67)	43,809,878	0	0	**43,809,878**
Litchfield	15,887,860	12,673,774	(20.23)	16,709,262	0	0	**16,709,262**
Little Canada	16,884,683	18,421,712	9.10	0	0	18,421,712	**18,421,712**
Little Falls	30,736,974	32,475,428	5.66	0	0	32,475,428	**32,475,428**
Mahtomedi	8,616,621	13,804,640	60.21	0	10,354,593	0	**10,354,593**
Mankato	75,210,996	84,093,978	11.81	0	0	84,093,978	**84,093,978**
Maple Grove	111,733,795	105,530,232	(5.55)	117,510,432	0	0	**117,510,432**
Maplewood	67,103,368	65,456,065	(2.45)	70,572,612	0	0	**70,572,612**
Marshall	30,694,715	33,463,476	9.02	0	0	33,463,476	**33,463,476**
Medina	9,623,000	16,328,544	69.68	0	11,563,959	0	**11,563,959**
Mendota Heights	24,703,053	23,254,574	(5.86)	25,980,201	0	0	**25,980,201**
Minneapolis	498,373,094	548,004,003	9.96	0	0	548,004,003	**548,004,003**
Minnetonka	92,146,659	91,047,349	(1.19)	96,910,641	0	0	**96,910,641**
Minnetrista	20,669,875	15,380,826	(25.59)	21,738,508	0	0	**21,738,508**
Montevideo	11,503,889	13,306,857	15.67	0	0	13,306,857	**13,306,857**
Monticello	15,821,342	20,320,096	28.43	0	19,012,507	0	**19,012,507**
Moorhead	91,684,985	113,346,666	23.63	0	110,177,846	0	**110,177,846**
Morris	12,370,981	13,797,368	11.53	0	0	13,797,368	**13,797,368**
Mound	15,443,446	11,748,698	(23.92)	16,241,872	0	0	**16,241,872**

	Restricted Needs for Jan. 2015 Distribution	Unadjusted Construction Needs for Jan. 2016 Distribution	Percent of Change from Jan. 2015 to Jan. 2016	Lower Restriction (5.17%)	Upper Restriction (20.17%)	No Restriction	Restricted Needs For Jan. 2016 Distribution
Mounds View	$16,058,532	$16,571,211	3.19	$16,888,758	$0	$0	**$16,888,758**
New Brighton	24,918,142	23,256,776	(6.67)	26,206,410	0	0	**26,206,410**
New Hope	21,958,181	24,279,025	10.57	0	0	24,279,025	**24,279,025**
New Prague	9,316,440	10,304,888	10.61	0	0	10,304,888	**10,304,888**
New Ulm	34,123,129	31,483,188	(7.74)	35,887,295	0	0	**35,887,295**
North Branch	45,021,485	37,183,520	(17.41)	47,349,096	0	0	**47,349,096**
North Mankato	29,193,506	29,868,792	2.31	30,702,810	0	0	**30,702,810**
North St. Paul	19,593,222	17,787,051	(9.22)	20,606,192	0	0	**20,606,192**
Northfield	26,374,198	29,295,886	11.08	0	0	29,295,886	**29,295,886**
Oak Grove	36,171,771	33,938,306	(6.17)	38,041,852	0	0	**38,041,852**
Oakdale	19,062,038	37,202,256	95.16	0	22,906,851	0	**22,906,851**
Orono	11,690,106	17,045,036	45.81	0	14,048,000	0	**14,048,000**
Otsego	30,204,630	33,553,520	11.09	0	0	33,553,520	**33,553,520**
Owatonna	56,693,492	64,311,679	13.44	0	0	64,311,679	**64,311,679**
Plymouth	107,910,488	123,647,131	14.58	0	0	123,647,131	**123,647,131**
Prior Lake	26,893,575	29,719,501	10.51	0	0	29,719,501	**29,719,501**
Ramsey	47,776,925	52,946,934	10.82	0	0	52,946,934	**52,946,934**
Red Wing	41,495,132	45,850,439	10.50	0	0	45,850,439	**45,850,439**
Redwood Falls	14,202,096	15,111,184	6.40	0	0	15,111,184	**15,111,184**
Richfield	43,768,623	49,901,887	14.01	0	0	49,901,887	**49,901,887**
Robbinsdale	16,093,081	17,891,275	11.17	0	0	17,891,275	**17,891,275**
Rochester	203,683,329	235,273,123	15.51	0	0	235,273,123	**235,273,123**
Rogers	28,339,406	36,329,476	28.19	0	34,055,464	0	**34,055,464**
Rosemount	48,317,932	44,426,101	(8.05)	50,815,969	0	0	**50,815,969**
Roseville	41,412,879	45,803,997	10.60	0	0	45,803,997	**45,803,997**
Sartell	26,468,385	33,835,172	27.83	0	31,807,058	0	**31,807,058**
Sauk Rapids	22,264,825	33,971,536	52.58	0	26,755,640	0	**26,755,640**
Savage	33,127,359	46,496,333	40.36	0	39,809,147	0	**39,809,147**
Shakopee	47,245,607	66,326,682	40.39	0	56,775,046	0	**56,775,046**
Shoreview	28,635,969	31,720,268	10.77	0	0	31,720,268	**31,720,268**
Shorewood	12,482,304	14,966,397	19.90	0	0	14,966,397	**14,966,397**
South St. Paul	25,818,113	28,687,612	11.11	0	0	28,687,612	**28,687,612**
Spring Lake Park	5,957,351	9,867,803	65.64	0	7,158,949	0	**7,158,949**

	Restricted Needs for Jan. 2015 Distribution	Unadjusted Construction Needs for Jan. 2016 Distribution	Percent of Change from Jan. 2015 to Jan. 2016	Lower Restriction (5.17%)	Upper Restriction (20.17%)	No Restriction	Restricted Needs For Jan. 2016 Distribution
St. Anthony	$10,943,275	$12,215,166	11.62	$0	$0	$12,215,166	**$12,215,166**
St. Cloud	129,156,786	138,638,170	7.34	0	0	138,638,170	**138,638,170**
St. Francis	24,821,195	19,101,354	(23.04)	26,104,451	0	0	**26,104,451**
St. Joseph	3,054,075	7,292,506	138.78	0	3,670,082	0	**3,670,082**
St. Louis Park	55,090,871	72,619,229	31.82	0	66,202,700	0	**66,202,700**
St. Michael	46,797,596	34,007,509	(27.33)	49,217,032	0	0	**49,217,032**
St. Paul	387,303,630	438,072,877	13.11	0	0	438,072,877	**438,072,877**
St. Paul Park	7,882,323	11,080,124	40.57	0	9,472,188	0	**9,472,188**
St. Peter	27,550,256	24,633,758	(10.59)	28,974,604	0	0	**28,974,604**
Stewartville	6,170,286	6,446,062	4.47	6,489,290	0	0	**6,489,290**
Stillwater	28,036,609	31,126,265	11.02	0	0	31,126,265	**31,126,265**
Thief River Falls	39,443,231	30,427,187	(22.86)	41,482,446	0	0	**41,482,446**
Vadnais Heights	10,927,106	14,953,275	36.85	0	13,131,103	0	**13,131,103**
Victoria	7,679,318	10,651,883	38.71	0	9,228,236	0	**9,228,236**
Virginia	25,403,688	27,929,984	9.94	0	0	27,929,984	**27,929,984**
Waconia	15,864,010	20,554,606	29.57	0	19,063,781	0	**19,063,781**
Waite Park	8,572,140	14,082,822	64.29	0	10,301,141	0	**10,301,141**
Waseca	12,409,549	12,328,203	(0.66)	13,051,123	0	0	**13,051,123**
West St. Paul	16,623,304	24,090,016	44.92	0	19,976,224	0	**19,976,224**
White Bear Lake	22,794,837	34,656,932	52.04	0	27,392,556	0	**27,392,556**
Willmar	50,225,093	56,068,421	11.63	0	0	56,068,421	**56,068,421**
Winona	36,725,095	44,899,487	22.26	0	44,132,547	0	**44,132,547**
Woodbury	96,883,729	110,826,551	14.39	0	0	110,826,551	**110,826,551**
Worthington	17,235,330	19,567,100	13.53	0	0	19,567,100	**19,567,100**
Wyoming	19,318,139	23,475,529	21.52	0	23,214,608	0	**23,214,608**
Zimmerman	8,841,426	8,033,381	(9.14)	9,298,528	0	0	**9,298,528**
Total	**$6,340,705,649**	**$6,985,833,869**	**10.17%**	**$2,110,752,517**	**$1,285,461,417**	**$3,649,738,607**	**$7,045,952,541**

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NOTES AND COMMENTS

Adjustments to the Restricted Construction Needs

EFFECTS OF THE REDISTRIBUTION OF THE EXCESS UNENCUMBERED CONSTRUCTION FUNDS BALANCE AS THE LOW BALANCE INCENTIVE

FOR THE JANUARY 2013 ALLOCATION

Three cities with over three times their January 2012 construction allotment and $1.5 million in their December 31, 2012 account balance had $5,732,107 in needs redistributed to 88 cities with less than one times their allotment in their account.

This was a redistribution of 0.10% of the $5,476,951,484 billion in unadjusted needs.

Needs were valued at $13.18 per $1000 of needs, so this was a redistribution of $75,549 in actual dollars from 3 cities to 88 cities.

54 cities did not receive this redistribution because their year end construction balance was greater than one times and less than three times their January 2012 construction allotment.

FOR THE JANUARY 2014 ALLOCATION

In 2014 the Needs were frozen due to the development of the new Needs Update program. Each city received the same percentage of the total Adjusted Needs as it was received in 2013. Therefore, this adjustment was not calculated.

FOR THE JANUARY 2015 & 2016 ALLOCATION

For the last two allocations, no cities met the criteria of having an excess balance for this adjustment (3 times the annual construction allotment and $1,500,000 in their account). Therefore, this adjustment was not applied.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

no cities had this adjustment in 2015 or 2016

Municipality	January 2015 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 12/31/2015	Ratio bet. Balance & City's 2015 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for Jan. 2016 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Albert Lea	$749,528	$722,897	0.964						
Albertville	318,417	60	0.000						
Alexandria	738,654	(633,530)	(0.858)						
Andover	1,177,798	(531,826)	(0.452)						
Anoka	532,874	(1,898,306)	(3.562)						
Apple Valley	1,478,140	0	0.000						
Arden Hills	258,675	(846,725)	(3.273)						
Austin	1,181,887	3,222,467	2.727						
Baxter	361,486	120,473	0.333						
Belle Plaine	293,275	433,035	1.477						
Bemidji	490,681	237,115	0.483						
Big Lake	291,051	628,894	2.161						
Blaine	1,656,140	1,290,952	0.779						
Bloomington	2,630,359	6,266,825	2.382						
Brainerd	728,726	(1,437,127)	(1.972)						
Brooklyn Center	866,400	0	0.000						
Brooklyn Park	1,915,413	0	0.000						
Buffalo	596,073	(1,917,193)	(3.216)						
Burnsville	2,005,342	(2,244,186)	(1.119)						
Byron	192,117	0	0.000						
Cambridge	394,626	0	0.000						
Champlin	691,297	0	0.000						
Chanhassen	843,448	(1,069,722)	(1.268)						
Chaska	754,152	0	0.000						
Chisago City	187,916	77,616	0.413						
Chisholm	222,953	0	0.000						
Circle Pines	145,223	231,992	1.597						
Cloquet	451,871	512,521	1.134						
Columbia Heights	485,720	852,332	1.755						
Coon Rapids	2,375,418	(3,456,524)	(1.455)						
Corcoran	252,828	1,136,478	4.495			No Adjustment			
Cottage Grove	1,563,784	195,639	0.125						
Crookston	428,646	133,975	0.313						
Crystal	579,101	0	0.000						
Dayton	178,322	336,197	1.885						

Municipality	January 2015 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 12/31/2015	Ratio bet. Balance & City's 2015 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for Jan. 2016 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Delano	$212,398	($136,333)	(0.642)						
Detroit Lakes	438,065	(1,651,555)	(3.770)						
Duluth	4,057,465	968,162	0.239						
Eagan	2,785,147	(3,170,000)	(1.138)						
East Bethel	603,199	321,244	0.533						
East Grand Forks	355,064	0	0.000						
Eden Prairie	2,440,329	4,760,352	1.951						
Edina	1,484,845	975,565	0.657						
Elk River	1,033,697	(434,177)	(0.420)						
Fairmont	532,720	(178,663)	(0.335)						
Falcon Heights	117,505	382,940	3.259			No Adjustment			
Faribault	838,257	0	0.000						
Farmington	660,004	0	0.000						
Fergus Falls	751,988	170,100	0.226						
Forest Lake	919,004	613,978	0.668						
Fridley	731,189	530,412	0.725						
Glencoe	225,576	155,502	0.689						
Golden Valley	669,282	1,014,367	1.516						
Grand Rapids	656,359	528,258	0.805						
Ham Lake	648,284	1,941,124	2.994						
Hastings	500,743	835,591	1.669						
Hermantown	593,340	366,647	0.618						
Hibbing	866,025	1,228,720	1.419						
Hopkins	495,079	(1,091,387)	(2.204)						
Hugo	484,639	0	0.000						
Hutchinson	638,443	507,013	0.794						
International Falls	271,969	1,057,335	3.888			No Adjustment			
Inver Grove Heights	1,185,748	310,530	0.262						
Isanti	174,798	(561,108)	(3.210)						
Jordan	219,167	(756,937)	(3.454)						
Kasson	255,434	725,104	2.839						
LaCrescent	222,824	143,202	0.643						
Lake City	185,141	0	0.000						
Lake Elmo	353,844	654,538	1.850						
Lakeville	2,329,817	0	0.000						
Lino Lakes	767,937	(1,090,971)	(1.421)						
Litchfield	271,008	969,939	3.579			No Adjustment			
Little Canada	335,350	430,833	1.285						
Little Falls	590,077	(377,590)	(0.640)						

Municipality	January 2015 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 12/31/2015	Ratio bet. Balance & City's 2015 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for Jan. 2016 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Mahtomedi	$218,024	$1,097,429	5.034			No Adjustment			
Mankato	1,436,268	0	0.000						
Maple Grove	2,205,560	80,673	0.037						
Maplewood	1,371,197	(2,452,496)	(1.789)						
Marshall	698,370	(1,795,705)	(2.571)						
Medina	184,924	703,871	3.806			No Adjustment			
Mendota Heights	433,844	947,560	2.184						
Minneapolis	10,139,841	20,836,826	2.055						
Minnetonka	2,242,509	4,431,094	1.976						
Minnetrista	321,142	1,302,800	4.057			No Adjustment			
Montevideo	260,083	567	0.002						
Monticello	375,774	0	0.000						
Moorhead	1,632,629	0	0.000						
Morris	213,559	456,174	2.136						
Mound	311,974	523,531	1.678						
Mounds View	366,842	0	0.000						
New Brighton	619,749	(2,151,147)	(3.471)						
New Hope	570,155	(1,151,088)	(2.019)						
New Prague	217,435	(498,743)	(2.294)						
New Ulm	729,706	502,859	0.689						
North Branch	610,558	1,082,810	1.773						
North Mankato	434,417	(1,540,032)	(3.545)						
North St. Paul	400,176	697,200	1.742						
Northfield	600,974	476,945	0.794						
Oak Grove	503,742	82,339	0.163						
Oakdale	667,301	483,500	0.725						
Orono	201,751	969,506	4.805			No Adjustment			
Otsego	546,225	886,581	1.623						
Owatonna	1,275,448	302,176	0.237						
Plymouth	2,305,522	(84,545)	(0.037)						
Prior Lake	588,392	(1,104,198)	(1.877)						
Ramsey	698,970	517,352	0.740						
Red Wing	604,282	0	0.000						
Redwood Falls	229,529	(194,258)	(0.846)						
Richfield	1,203,743	1,808,667	1.503						
Robbinsdale	522,126	435,801	0.835						
Rochester	4,308,552	0	0.000						
Rogers	483,128	1,315,902	2.724						
Rosemount	1,111,057	623,430	0.561						

Municipality	January 2015 Construction Allotment	Unencumbered Balance Available (90&90p acct) as of 12/31/2015	Ratio bet. Balance & City's 2015 Construction Allotment	First Year of Excess Balance Adjustment	Multiplier	Excess Balance Adjustment	Restricted Needs for Jan. 2016 Distribution	Low Balance Incentive Factor	Low Balance Incentive
Roseville	$992,694	$225,299	0.227						
Sartell	682,831	(1,574,258)	(2.305)						
Sauk Rapids	575,812	714,810	1.241						
Savage	1,044,825	388,736	0.372						
Shakopee	971,079	0	0.000						
Shoreview	715,783	(984,217)	(1.375)						
Shorewood	252,616	155,288	0.615						
South Saint Paul	600,395	1,315,799	2.192						
Spring Lake Park	168,062	0	0.000						
St. Anthony	251,992	(261,096)	(1.036)						
St Cloud	2,405,949	676,550	0.281						
St Francis	368,563	1,362,730	3.697						
St Joseph	144,520	1,451,774	10.045			No Adjustment			
St Louis Park	1,165,872	811,782	0.696						
St Michael	748,465	(563,476)	(0.753)						
St Paul	8,835,913	3,569,950	0.404						
St Paul Park	168,117	138,013	0.821						
St Peter	500,398	0	0.000						
Stewartville	165,422	74,123	0.448						
Stillwater	597,691	521,288	0.872						
Thief River Falls	524,728	(606,957)	(1.157)						
Vadnais Heights	278,570	(194,119)	(0.697)						
Victoria	213,118	822,439	3.859			No Adjustment			
Virginia	398,966	1,067,118	2.675						
Waconia	448,658	(145,236)	(0.324)						
Waite Park	284,038	(474,285)	(1.670)						
Waseca	282,233	902,709	3.198			No Adjustment			
West St Paul	495,698	134,623	0.272						
White Bear Lake	631,911	0	0.000						
Willmar	830,719	275,193	0.331						
Winona	831,801	581,331	0.699						
Woodbury	2,134,052	0	0.000						
Worthington	389,508	1,243,685	3.193			No Adjustment			
Wyoming	407,326	122,173	0.300						
Zimmerman	226,927	224,557	0.990						
Total	**$130,500,831**	**$54,076,770**				**$0**			**$0**

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NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

(For reference, see Right-of-Way Resolution)

26-Jan-16

Municipality	Right-of-Way Expenditures for 2015 Allocations	+	New Right-of-Way Expenditures for 2016	-	Right-of-Way Expenditures Expired in 2015	=	Total Right-of-Way Adjustment for 2016 Allocations
Albert Lea							
Albertville							
Alexandria	$367,593						**$367,593**
Andover	1,016						**1,016**
Anoka							
Apple Valley	126,066						**126,066**
Arden Hills							
Austin	85,837				($85,837)		
Baxter	468,225						**468,225**
Belle Plaine							
Bemidji	56,122						**56,122**
Big Lake							
Blaine	5,237,117						**5,237,117**
Bloomington	6,400,845				(1,653,424)		**4,747,421**
Brainerd	1,269,506						**1,269,506**
Brooklyn Center	16,570						**16,570**
Brooklyn Park	62,393				(14,947)		**47,446**
Buffalo	1,524,485						**1,524,485**
Burnsville							
Byron							
Cambridge							
Champlin	72,191				(9,843)		**62,348**
Chanhassen							
Chaska							
Chisago City							
Chisholm							
Circle Pines	82,365						**82,365**
Cloquet							
Columbia Heights							
Coon Rapids	2,469,664						**2,469,664**
Corcoran							
Cottage Grove	492,450						**492,450**
Crookston							
Crystal							
Dayton							
Delano							
Detroit Lakes	51,476						**51,476**
Duluth	2,570,118				(5,500)		**2,564,618**
Eagan	4,632,321				(105,495)		**4,526,826**
East Bethel	150,055						**150,055**
East Grand Forks	141,624						**141,624**
Eden Prairie							
Edina	138,273						**138,273**
Elk River	2,341,754						**2,341,754**
Fairmont							
Falcon Heights							
Faribault	298,486		$89,500				**387,986**
Farmington							

Municipality	Right-of-Way Expenditures for 2015 Allocations	+	New Right-of-Way Expenditures for 2016	-	Right-of-Way Expenditures Expired in 2015	=	Total Right-of-Way Adjustment for 2016 Allocations
Fergus Falls	$381,276				($62,727)		**$318,549**
Forest Lake	14,872						**14,872**
Fridley							
Glencoe							
Golden Valley							
Grand Rapids	2,386,592						**2,386,592**
Ham Lake	820,610						**820,610**
Hastings							
Hermantown	252,025				(50,968)		**201,057**
Hibbing							
Hopkins							
Hugo	4,500				(9,959)		**(5,459)**
Hutchinson							
International Falls							
Inver Grove Heights	776,192						**776,192**
Isanti							
Jordan							
Kasson							
La Crescent	25,000						**25,000**
Lake City	7,000						**7,000**
Lake Elmo							
Lakeville	1,097,097						**1,097,097**
Lino Lakes	360,549						**360,549**
Litchfield							
Little Canada							
Little Falls	1,333,864						**1,333,864**
Mahtomedi							
Mankato	360,355						**360,355**
Maple Grove	2,316,666						**2,316,666**
Maplewood	5,279,548						**5,279,548**
Marshall	302,397						**302,397**
Medina							
Mendota Heights	61,140						**61,140**
Minneapolis	326,344						**326,344**
Minnetonka	824,096						**824,096**
Minnetrista	145,293						**145,293**
Montevideo	13,949						**13,949**
Monticello							
Moorhead	4,004,566				(79,405)		**3,925,161**
Morris	10,500						**10,500**
Mound	4,505				(4,505)		
Mounds View							
New Brighton							
New Hope							
New Prague	6,287						**6,287**
New Ulm							
North Branch	38,362						**38,362**
North Mankato	64,226						**64,226**
North St. Paul	448,302						**448,302**
Northfield							
Oak Grove	627,181		overpayment expired		19,996		**647,177**
Oakdale	430,454						**430,454**
Orono							
Otsego	293,120				(153,834)		**139,286**

Municipality	Right-of-Way Expenditures for 2015 Allocations	+	New Right-of-Way Expenditures for 2016	-	Right-of-Way Expenditures Expired in 2015	=	Total Right-of-Way Adjustment for 2016 Allocations
Owatonna	$119,703						**$119,703**
Plymouth	520,884						**520,884**
Prior Lake	423,682						**423,682**
Ramsey	207,749						**207,749**
Red Wing	763,877						**763,877**
Redwood Falls							
Richfield	9,850,822						**9,850,822**
Robbinsdale							
Rochester	2,571,811						**2,571,811**
Rogers							
Rosemount	389,000						**389,000**
Roseville	91,009		overpayment expired		$21,916		**112,925**
Sartell	979,198				(6,079)		**973,119**
Sauk Rapids	407,639						**407,639**
Savage	400,000						**400,000**
Shakopee							
Shoreview	9,775						**9,775**
Shorewood	203,488						**203,488**
South St. Paul							
Spring Lake Park	55,361						**55,361**
St Anthony							
St Cloud	874,982						**874,982**
St Francis	14,990						**14,990**
St Joseph							
St Louis Park	181,215				(181,215)		
St Michael	86,132				(86,132)		
St Paul	18,977,416				(53,938)		**18,923,478**
St Paul Park	65,293						**65,293**
St Peter	1,019,684						**1,019,684**
Stewartville							
Stillwater							
Thief River Falls	386,329						**386,329**
Vadnais Heights	17,096						**17,096**
Victoria							
Virginia							
Waconia							
Waite Park	1,055,734				(1,514)		**1,054,220**
Waseca	213,261						**213,261**
West St. Paul							
White Bear Lake							
Willmar							
Winona	8,000						**8,000**
Woodbury	6,915,192				(426,845)		**6,488,347**
Worthington	491						**491**
Wyoming							
Zimmerman							
Total	**$98,883,233**		**$89,500**		**($2,950,255)**		**$96,022,478**

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AFTER THE FACT RETAINING WALL ADJUSTMENT

(For reference, see Retaining Wall Resolution)

Municipality	Retaining Wall Expenditures for 2015 Allocations	New Retaining Wall Expenditures for 2016	Retaining Wall Expenditures Expired in 2015	Total Retaining Wall Adjustment for 2016 Allocations
Albert Lea	$67,342	$0	$0	$67,342
Alexandria	25,633	0	0	25,633
Andover	20,197	0	0	20,197
Bloomington	55,013	0	0	55,013
Brainerd	188,352	0	0	188,352
Buffalo	18,499	0	0	18,499
Crystal	42,510	0	0	42,510
Duluth	594,891	0	0	594,891
Grand Rapids *	0	207,986	0	207,986
Inver Grove Heights	0	179,003	0	179,003
Kasson	35,640	0	0	35,640
La Crescent	8,624	0	0	8,624
Lakeville	118,042	0	0	118,042
Marshall	514,325	0	0	514,325
Minnetonka	37,913	0	0	37,913
Moorhead	93,402	266,535	0	359,937
Mounds View	13,419	0	0	13,419
New Hope	32,400	0	0	32,400
Oakdale	20,658	0	0	20,658
Plymouth	64,144	0	0	64,144
Red Wing	0	539,025	0	539,025
Roseville	34,400	0	0	34,400
Sartell	6,000	0	0	6,000
St. Paul	51,542	0	0	51,542
Thief River Falls	296,422	0	0	296,422
Total	**$2,339,368**	**$1,192,549**	**$0**	**$3,531,917**

PROJECT LISTING OF RETAINING WALL CONSTRUCTION

Payment requested in 2015

Municipality	Project or Route	Local Amount	SA Project Amount	Total Adjustment
Grand Rapids *	129-130-001		$207,986	$207,986
Inver Grove Heights	178-103-015		143,558	
Inver Grove Heights	178-114-001		35,445	
Inver Grove Heights Total				179,003
Moorhead	144-138-030		99,225	
Moorhead	144-138-050		167,310	
Moorhead Total				266,535
Red Wing	156-127-003		539,025	539,025
Total		**$0**	**$1,192,549**	**$1,192,549**

* Retaining Wall Project for Grand Rapids was missing from October 2015 Book

AFTER THE FACT RAILROAD CROSSING ADJUSTMENT

That 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.

(Two cities have entered this adjustment)

Municipality	Previous Eligible Railroad Crossing Expenditures	2015 Eliglble Railroad Crossing Expenditures	Expired Railroad Crossing Expenditures	Total Railroad Crossing Adjustment for 2016 Apportionment
Fergus Falls	$299,555			$299,555
New Ulm		$18,433		$18,433
Total	**NA**	**$0**	**NA**	**$317,988**

AFTER THE FACT RAILROAD BRIDGE OVER MSAS ADJUSTMENT

RR Bridge over MSAS Route Rehabilitation

That 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

That 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	Previous Eligible Railroad Bridge over MSAS Expenditures	2015 Eliglble Railroad Bridge over MSAS Expenditures	Type of Construction	Expired Railroad Bridge over MSAS Expenditures	Total Railroad Bridge over MSAS Adjustment for 2016 Apportionment
Thief River Falls	$378,684		Construction/ Reconstruction		$378,684
Total	**$378,684**				**$378,684**

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2015 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS

for January 2016 apportionment

Municipality	Restricted (Phase in) Needs for Jan. 2016 Distribution	Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
Albert Lea	$47,185,732				$67,342		$67,342	**$47,253,074**
Albertville	13,289,240						0	**13,289,240**
Alexandria	58,550,435			$367,593	25,633		393,226	**58,943,661**
Andover	68,214,099			1,016	20,197		21,213	**68,235,312**
Anoka	29,085,792						0	**29,085,792**
Apple Valley	74,431,572			126,066			126,066	**74,557,638**
Arden Hills	11,058,796						0	**11,058,796**
Austin	60,819,998						0	**60,819,998**
Baxter	27,395,487			468,225			468,225	**27,863,712**
Belle Plaine	13,120,143						0	**13,120,143**
Bemidji	29,957,459			56,122			56,122	**30,013,581**
Big Lake	16,057,329						0	**16,057,329**
Blaine	67,826,645			5,237,117			5,237,117	**73,063,762**
Bloomington	170,432,016			4,747,421	55,013		4,802,434	**175,234,450**
Brainerd	36,800,202			1,269,506	188,352		1,457,858	**38,258,060**
Brooklyn Center	26,643,279			16,570			16,570	**26,659,849**
Brooklyn Park	78,513,917			47,446			47,446	**78,561,363**
Buffalo	33,815,395			1,524,485	18,499		1,542,984	**35,358,379**
Burnsville	103,109,453						0	**103,109,453**
Byron	7,697,421						0	**7,697,421**
Cambridge	21,231,562						0	**21,231,562**
Champlin	35,711,134			62,348			62,348	**35,773,482**
Chanhassen	36,433,370						0	**36,433,370**
Chaska	38,058,816						0	**38,058,816**
Chisago City	11,685,782						0	**11,685,782**
Chisholm	14,632,062						0	**14,632,062**
Circle Pines	5,261,644			82,365			82,365	**5,344,009**
Cloquet	33,940,963						0	**33,940,963**
Columbia Heights	24,140,479						0	**24,140,479**
Coon Rapids	90,002,776			2,469,664			2,469,664	**92,472,440**
Corcoran	21,136,883						0	**21,136,883**
Cottage Grove	64,018,452			492,450			492,450	**64,510,902**
Crookston	31,190,656						0	**31,190,656**
Crystal	23,914,791				42,510		42,510	**23,957,301**
Dayton	11,052,558						0	**11,052,558**
Delano	13,832,850						0	**13,832,850**
Detroit Lakes	34,799,931			51,476			51,476	**34,851,407**
Duluth	286,904,371			2,564,618	594,891		3,159,509	**290,063,880**
Eagan	113,528,323			4,526,826			4,526,826	**118,055,149**

Municipality	Restricted (Phase in) Needs for Jan. 2016 Distribution	Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
East Bethel	$42,988,372			$150,055			$150,055	**$43,138,427**
East Grand Forks	37,499,133			141,624			141,624	**37,640,757**
Eden Prairie	99,977,692						0	**99,977,692**
Edina	79,283,757			138,273			138,273	**79,422,030**
Elk River	69,576,847			2,341,754			2,341,754	**71,918,601**
Fairmont	37,395,454						0	**37,395,454**
Falcon Heights	4,887,925						0	**4,887,925**
Faribault	50,091,569			387,986			387,986	**50,479,555**
Farmington	30,595,582						0	**30,595,582**
Fergus Falls	55,629,214			318,549		$299,555	618,104	**56,247,318**
Forest Lake	63,327,985			14,872			14,872	**63,342,857**
Fridley	39,684,733						0	**39,684,733**
Glencoe	13,850,185						0	**13,850,185**
Golden Valley	45,964,170						0	**45,964,170**
Grand Rapids	56,560,908			2,386,592	$207,986		2,594,578	**59,155,486**
Ham Lake	43,744,287			820,610			820,610	**44,564,897**
Hastings	23,913,920						0	**23,913,920**
Hermantown	34,859,747			201,057			201,057	**35,060,804**
Hibbing	78,417,905						0	**78,417,905**
Hopkins	20,931,180						0	**20,931,180**
Hugo	30,373,137			(5,459)			(5,459)	**30,367,678**
Hutchinson	31,577,690						0	**31,577,690**
International Falls	10,999,731						0	**10,999,731**
Inver Grove Heights	63,336,260			776,192	179,003		955,195	**64,291,455**
Isanti	9,402,642						0	**9,402,642**
Jordan	12,030,275						0	**12,030,275**
Kasson	10,089,981				35,640		35,640	**10,125,621**
La Crescent	9,446,047			25,000	8,624		33,624	**9,479,671**
Lake City	11,657,574			7,000			7,000	**11,664,574**
Lake Elmo	24,655,414						0	**24,655,414**
Lakeville	105,649,823			1,097,097	118,042		1,215,139	**106,864,962**
Lino Lakes	43,809,878			360,549			360,549	**44,170,427**
Litchfield	16,709,262						0	**16,709,262**
Little Canada	18,421,712						0	**18,421,712**
Little Falls	32,475,428			1,333,864			1,333,864	**33,809,292**
Mahtomedi	10,354,593						0	**10,354,593**
Mankato	84,093,978			360,355			360,355	**84,454,333**
Maple Grove	117,510,432			2,316,666			2,316,666	**119,827,098**
Maplewood	70,572,612			5,279,548			5,279,548	**75,852,160**
Marshall	33,463,476			302,397	514,325		816,722	**34,280,198**
Medina	11,563,959						0	**11,563,959**
Mendota Heights	25,980,201			61,140			61,140	**26,041,341**
Minneapolis	548,004,003			326,344			326,344	**548,330,347**
Minnetonka	96,910,641			824,096	37,913		862,009	**97,772,650**
Minnetrista	21,738,508			145,293			145,293	**21,883,801**

Municipality	Restricted (Phase in) Needs for Jan. 2016 Distribution	Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
Montevideo	$13,306,857			$13,949			$13,949	**$13,320,806**
Monticello	19,012,507						0	**19,012,507**
Moorhead	110,177,846			3,925,161	$359,937		4,285,098	**114,462,944**
Morris	13,797,368			10,500			10,500	**13,807,868**
Mound	16,241,872						0	**16,241,872**
Mounds View	16,888,758				13,419		13,419	**16,902,177**
New Brighton	26,206,410						0	**26,206,410**
New Hope	24,279,025				32,400		32,400	**24,311,425**
New Prague	10,304,888			6,287			6,287	**10,311,175**
New Ulm	35,887,295					$18,433	18,433	**35,905,728**
North Branch	47,349,096			38,362			38,362	**47,387,458**
North Mankato	30,702,810			64,226			64,226	**30,767,036**
North St. Paul	20,606,192			448,302			448,302	**21,054,494**
Northfield	29,295,886						0	**29,295,886**
Oak Grove	38,041,852			647,177			647,177	**38,689,029**
Oakdale	22,906,851			430,454	20,658		451,112	**23,357,963**
Orono	14,048,000						0	**14,048,000**
Otsego	33,553,520			139,286			139,286	**33,692,806**
Owatonna	64,311,679			119,703			119,703	**64,431,382**
Plymouth	123,647,131			520,884	64,144		585,028	**124,232,159**
Prior Lake	29,719,501			423,682			423,682	**30,143,183**
Ramsey	52,946,934			207,749			207,749	**53,154,683**
Red Wing	45,850,439			763,877	539,025		1,302,902	**47,153,341**
Redwood Falls	15,111,184						0	**15,111,184**
Richfield	49,901,887			9,850,822			9,850,822	**59,752,709**
Robbinsdale	17,891,275						0	**17,891,275**
Rochester	235,273,123			2,571,811			2,571,811	**237,844,934**
Rogers	34,055,464						0	**34,055,464**
Rosemount	50,815,969			389,000			389,000	**51,204,969**
Roseville	45,803,997			112,925	34,400		147,325	**45,951,322**
Sartell	31,807,058			973,119	6,000		979,119	**32,786,177**
Sauk Rapids	26,755,640			407,639			407,639	**27,163,279**
Savage	39,809,147			400,000			400,000	**40,209,147**
Shakopee	56,775,046						0	**56,775,046**
Shoreview	31,720,268			9,775			9,775	**31,730,043**
Shorewood	14,966,397			203,488			203,488	**15,169,885**
South St. Paul	28,687,612						0	**28,687,612**
Spring Lake Park	7,158,949			55,361			55,361	**7,214,310**
St. Anthony	12,215,166						0	**12,215,166**
St. Cloud	138,638,170			874,982			874,982	**139,513,152**
St. Francis	26,104,451			14,990			14,990	**26,119,441**
St. Joseph	3,670,082						0	**3,670,082**
St. Louis Park	66,202,700						0	**66,202,700**
St. Michael	49,217,032						0	**49,217,032**
St. Paul	438,072,877			18,923,478	51,542		18,975,020	**457,047,897**
St. Paul Park	9,472,188			65,293			65,293	**9,537,481**

Municipality	Restricted (Phase in) Needs for Jan. 2016 Distribution	Excess Balance Adjustment redistributed as Low Balance Incentive	(+) After the Fact Railroad Bridge over MSAS Route	(+) After the Fact Right of Way Adjustment	(+) After the Fact Retaining Wall Adjustment	(+) After the Fact Railroad Crossing Adjustment	Total Adjustments	Adjusted Restricted Construction Needs
St. Peter	$28,974,604			$1,019,684			$1,019,684	**$29,994,288**
Stewartville	6,489,290						0	**6,489,290**
Stillwater	31,126,265						0	**31,126,265**
Thief River Falls	41,482,446		$378,684	386,329	$296,422		1,061,435	**42,543,881**
Vadnais Heights	13,131,103			17,096			17,096	**13,148,199**
Victoria	9,228,236						0	**9,228,236**
Virginia	27,929,984						0	**27,929,984**
Waconia	19,063,781						0	**19,063,781**
Waite Park	10,301,141			1,054,220			1,054,220	**11,355,361**
Waseca	13,051,123			213,261			213,261	**13,264,384**
West St. Paul	19,976,224						0	**19,976,224**
White Bear Lake	27,392,556						0	**27,392,556**
Willmar	56,068,421						0	**56,068,421**
Winona	44,132,547			8,000			8,000	**44,140,547**
Woodbury	110,826,551			6,488,347			6,488,347	**117,314,898**
Worthington	19,567,100			491			491	**19,567,591**
Wyoming	23,214,608						0	**23,214,608**
Zimmerman	9,298,528						0	**9,298,528**
State Total	**$7,045,952,541**	**$0**	**$378,684**	**$96,022,478**	**$3,531,917**	**$317,988**	**$100,251,067**	**$7,146,203,608**

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Minnesota Department of Transportation
State Aid for Local Transportation
395 John Ireland Boulevard, MS 500
Saint Paul, MN 55155

October 28, 2015

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

Dear Commissioner Zelle:

We, the undersigned, as members of the 2015 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 2016 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

ABSENT Klayton Eckles Woodbury Chair	Jeff Johnson Mankato Vice Chair	Marc Culver Roseville Secretary
Jesse Story Hibbing District 1	Craig Gray Bemidji District 2	Justin Femrite Elk River District 3
Jon Pratt Detroit Lakes District 4	Rod Rue Eden Prairie Metro West	Steve Lang Austin District 6
Jeff Johnson Mankato District 7	Sean Christensen Willmar District 8	Michael Thompson (Alternate) Maplewood Metro East
Cindy Voigt Duluth	Don Elwood Minneapolis	Paul Kurtz Saint Paul	ABSENT Richard Freese Rochester

An Equal Opportunity Employer

2015 ADJUSTED RESTRICTED CONSTRUCTION NEEDS RECOMMENDATIONS

for the 2016 Distribution

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Albert Lea	$47,253,074	Edina	$79,422,030
Albertville	13,289,240	Elk River	71,918,601
Alexandria	58,943,661	Fairmont	37,395,454
Andover	68,235,312	Falcon Heights	4,887,925
Anoka	29,085,792	Faribault	50,479,555
Apple Valley	74,557,638	Farmington	30,595,582
Arden Hills	11,058,796	Fergus Falls	56,247,318
Austin	60,819,998	Forest Lake	63,342,857
Baxter	27,863,712	Fridley	39,684,733
Belle Plaine	13,120,143	Glencoe	13,850,185
Bemidji	30,013,581	Golden Valley	45,964,170
Big Lake	16,057,329	Grand Rapids	59,155,486
Blaine	73,063,762	Ham Lake	44,564,897
Bloomington	175,234,450	Hastings	23,913,920
Brainerd	38,258,060	Hermantown	35,060,804
Brooklyn Center	26,659,849	Hibbing	78,417,905
Brooklyn Park	78,561,363	Hopkins	20,931,180
Buffalo	35,358,379	Hugo	30,367,678
Burnsville	103,109,453	Hutchinson	31,577,690
Byron	7,697,421	International Falls	10,999,731
Cambridge	21,231,562	Inver Grove Heights	64,291,455
Champlin	35,773,482	Isanti	9,402,642
Chanhassen	36,433,370	Jordan	12,030,275
Chaska	38,058,816	Kasson	10,125,621
Chisago City	11,685,782	La Crescent	9,479,671
Chisholm	14,632,062	Lake City	11,664,574
Circle Pines	5,344,009	Lake Elmo	24,655,414
Cloquet	33,940,963	Lakeville	106,864,962
Columbia Heights	24,140,479	Lino Lakes	44,170,427
Coon Rapids	92,472,440	Litchfield	16,709,262
Corcoran	21,136,883	Little Canada	18,421,712
Cottage Grove	64,510,902	Little Falls	33,809,292
Crookston	31,190,656	Mahtomedi	10,354,593
Crystal	23,957,301	Mankato	84,454,333
Dayton	11,052,558	Maple Grove	119,827,098
Delano	13,832,850	Maplewood	75,852,160
Detroit Lakes	34,851,407	Marshall	34,280,198
Duluth	290,063,880	Medina	11,563,959
Eagan	118,055,149	Mendota Heights	26,041,341
East Bethel	43,138,427	Minneapolis	548,330,347
East Grand Forks	37,640,757	Minnetonka	97,772,650
Eden Prairie	99,977,692	Minnetrista	21,883,801

Municipality	Adjusted Restricted Construction Needs	Municipality	Adjusted Restricted Construction Needs
Montevideo	$13,320,806	Savage	$40,209,147
Monticello	19,012,507	Shakopee	56,775,046
Moorhead	114,462,944	Shoreview	31,730,043
Morris	13,807,868	Shorewood	15,169,885
Mound	16,241,872	South St. Paul	28,687,612
Mounds View	16,902,177	Spring Lake Park	7,214,310
New Brighton	26,206,410	St. Anthony	12,215,166
New Hope	24,311,425	St. Cloud	139,513,152
New Prague	10,311,175	St. Francis	26,119,441
New Ulm	35,905,728	St. Joseph	3,670,082
North Branch	47,387,458	St. Louis Park	66,202,700
North Mankato	30,767,036	St. Michael	49,217,032
North St. Paul	21,054,494	St. Paul	457,047,897
Northfield	29,295,886	St. Paul Park	9,537,481
Oak Grove	38,689,029	St. Peter	29,994,288
Oakdale	23,357,963	Stewartville	6,489,290
Orono	14,048,000	Stillwater	31,126,265
Otsego	33,692,806	Thief River Falls	42,543,881
Owatonna	64,431,382	Vadnais Heights	13,148,199
Plymouth	124,232,159	Victoria	9,228,236
Prior Lake	30,143,183	Virginia	27,929,984
Ramsey	53,154,683	Waconia	19,063,781
Red Wing	47,153,341	Waite Park	11,355,361
Redwood Falls	15,111,184	Waseca	13,264,384
Richfield	59,752,709	West St. Paul	19,976,224
Robbinsdale	17,891,275	White Bear Lake	27,392,556
Rochester	237,844,934	Willmar	56,068,421
Rogers	34,055,464	Winona	44,140,547
Rosemount	51,204,969	Woodbury	117,314,898
Roseville	45,951,322	Worthington	19,567,591
Sartell	32,786,177	Wyoming	23,214,608
Sauk Rapids	27,163,279	Zimmerman	9,298,528
		State Total	**$7,146,203,608**

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Construction Needs Allocations

2016 CONSTRUCTION NEEDS ALLOCATIONS

Needs Value: $1,000 in Construction Needs = approximately $12.15 in apportionment

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2015 Construction Needs Allocations	% Of Total Dist.
Albert Lea	$47,253,074	$573,990		**$573,990**	0.661
Albertville	13,289,240	161,426		**161,426**	0.186
Alexandria	58,943,661	715,998		**715,998**	0.825
Andover	68,235,312	828,865		**828,865**	0.955
Anoka	29,085,792	353,310		**353,310**	0.407
Apple Valley	74,557,638	905,663		**905,663**	1.043
Arden Hills	11,058,796	134,333		**134,333**	0.155
Austin	60,819,998	738,790		**738,790**	0.851
Baxter	27,863,712	338,465		**338,465**	0.390
Belle Plaine	13,120,143	159,372		**159,372**	0.184
Bemidji	30,013,581	364,580		**364,580**	0.420
Big Lake	16,057,329	195,051		**195,051**	0.225
Blaine	73,063,762	887,517		**887,517**	1.022
Bloomington	175,234,450	2,128,599		**2,128,599**	2.452
Brainerd	38,258,060	464,726		**464,726**	0.535
Brooklyn Center	26,659,849	323,841		**323,841**	0.373
Brooklyn Park	78,561,363	954,297		**954,297**	1.099
Buffalo	35,358,379	429,504		**429,504**	0.495
Burnsville	103,109,453	1,252,486		**1,252,486**	1.443
Byron	7,697,421	93,502		**93,502**	0.108
Cambridge	21,231,562	257,903		**257,903**	0.297
Champlin	35,773,482	434,546		**434,546**	0.501
Chanhassen	36,433,370	442,562		**442,562**	0.510
Chaska	38,058,816	462,306		**462,306**	0.533
Chisago City	11,685,782	141,949		**141,949**	0.164
Chisholm	14,632,062	177,738		**177,738**	0.205
Circle Pines	5,344,009	64,914		**64,914**	0.075
Cloquet	33,940,963	412,286		**412,286**	0.475
Columbia Heights	24,140,479	293,238		**293,238**	0.338
Coon Rapids	92,472,440	1,123,277		**1,123,277**	1.294
Corcoran	21,136,883	256,753		**256,753**	0.296
Cottage Grove	64,510,902	783,624		**783,624**	0.903
Crookston	31,190,656	378,878		**378,878**	0.436
Crystal	23,957,301	291,013		**291,013**	0.335
Dayton	11,052,558	134,257		**134,257**	0.155
Delano	13,832,850	168,030		**168,030**	0.194
Detroit Lakes	34,851,407	423,345		**423,345**	0.488
Duluth	290,063,880	3,523,450		**3,523,450**	4.059
Eagan	118,055,149	1,434,034		**1,434,034**	1.652
East Bethel	43,138,427	524,009		**524,009**	0.604
East Grand Forks	37,640,757	457,228		**457,228**	0.527
Eden Prairie	99,977,692	1,214,444		**1,214,444**	1.399
Edina	79,422,030	964,751		**964,751**	1.111
Elk River	71,918,601	873,606		**873,606**	1.006
Fairmont	37,395,454	454,248		**454,248**	0.523
Falcon Heights	4,887,925	59,374		**59,374**	0.068
Faribault	50,479,555	613,183		**613,183**	0.706
Farmington	30,595,582	371,649		**371,649**	0.428
Fergus Falls	56,247,318	683,245		**683,245**	0.787
Forest Lake	63,342,857	769,435		**769,435**	0.886
Fridley	39,684,733	482,056		**482,056**	0.555
Glencoe	13,850,185	168,240		**168,240**	0.194

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2015 Construction Needs Allocations	% Of Total Dist.
Golden Valley	$45,964,170	$558,334		**$558,334**	0.643
Grand Rapids	59,155,486	718,571		**718,571**	0.828
Ham Lake	44,564,897	541,337		**541,337**	0.624
Hastings	23,913,920	290,486		**290,486**	0.335
Hermantown	35,060,804	425,889		**425,889**	0.491
Hibbing	78,417,905	952,554		**952,554**	1.097
Hopkins	20,931,180	254,254		**254,254**	0.293
Hugo	30,367,678	368,881		**368,881**	0.425
Hutchinson	31,577,690	383,579		**383,579**	0.442
International Falls	10,999,731	133,615		**133,615**	0.154
Inver Grove Heights	64,291,455	780,958		**780,958**	0.900
Isanti	9,402,642	114,215		**114,215**	0.132
Jordan	12,030,275	146,134		**146,134**	0.168
Kasson	10,125,621	122,997		**122,997**	0.142
La Crescent	9,479,671	115,151		**115,151**	0.133
Lake City	11,664,574	141,691		**141,691**	0.163
Lake Elmo	24,655,414	299,493		**299,493**	0.345
Lakeville	106,864,962	1,298,105		**1,298,105**	1.495
Lino Lakes	44,170,427	536,545		**536,545**	0.618
Litchfield	16,709,262	202,970		**202,970**	0.234
Little Canada	18,421,712	223,771		**223,771**	0.258
Little Falls	33,809,292	410,687		**410,687**	0.473
Mahtomedi	10,354,593	125,779		**125,779**	0.145
Mankato	84,454,333	1,025,880		**1,025,880**	1.182
Maple Grove	119,827,098	1,455,558		**1,455,558**	1.677
Maplewood	75,852,160	921,388		**921,388**	1.061
Marshall	34,280,198	416,407		**416,407**	0.480
Medina	11,563,959	140,469		**140,469**	0.162
Mendota Heights	26,041,341	316,328		**316,328**	0.364
Minneapolis	548,330,347	6,660,652		**6,660,652**	7.673
Minnetonka	97,772,650	1,187,659		**1,187,659**	1.368
Minnetrista	21,883,801	265,826		**265,826**	0.306
Montevideo	13,320,806	161,810		**161,810**	0.186
Monticello	19,012,507	230,948		**230,948**	0.266
Moorhead	114,462,944	1,390,399		**1,390,399**	1.602
Morris	13,807,868	167,726		**167,726**	0.193
Mound	16,241,872	197,292		**197,292**	0.227
Mounds View	16,902,177	205,313		**205,313**	0.237
New Brighton	26,206,410	318,333		**318,333**	0.367
New Hope	24,311,425	295,315		**295,315**	0.340
New Prague	10,311,175	125,251		**125,251**	0.144
New Ulm	35,905,728	436,152		**436,152**	0.502
North Branch	47,387,458	575,623		**575,623**	0.663
North Mankato	30,767,036	373,732		**373,732**	0.431
North St. Paul	21,054,494	255,752		**255,752**	0.295
Northfield	29,295,886	355,862		**355,862**	0.410
Oak Grove	38,689,029	469,961		**469,961**	0.541
Oakdale	23,357,963	283,733		**283,733**	0.327
Orono	14,048,000	170,643		**170,643**	0.197
Otsego	33,692,806	409,272		**409,272**	0.471
Owatonna	64,431,382	782,658		**782,658**	0.902
Plymouth	124,232,159	1,509,067		**1,509,067**	1.738
Prior Lake	30,143,183	366,154		**366,154**	0.422
Ramsey	53,154,683	645,678		**645,678**	0.744
Red Wing	47,153,341	572,779		**572,779**	0.660
Redwood Falls	15,111,184	183,558		**183,558**	0.211

Municipality	Adjusted Restricted Construction Needs	Construction Needs Allocations minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2015 Construction Needs Allocations	% Of Total Dist.
Richfield	$59,752,709	$725,825		**$725,825**	0.836
Robbinsdale	17,891,275	217,328		**217,328**	0.250
Rochester	237,844,934	2,889,138		**2,889,138**	3.328
Rogers	34,055,464	413,677		**413,677**	0.477
Rosemount	51,204,969	621,995		**621,995**	0.717
Roseville	45,951,322	558,178		**558,178**	0.643
Sartell	32,786,177	398,259		**398,259**	0.459
Sauk Rapids	27,163,279	329,956		**329,956**	0.380
Savage	40,209,147	488,427		**488,427**	0.563
Shakopee	56,775,046	689,655		**689,655**	0.794
Shoreview	31,730,043	385,430		**385,430**	0.444
Shorewood	15,169,885	184,271		**184,271**	0.212
South St. Paul	28,687,612	348,473		**348,473**	0.401
Spring Lake Park	7,214,310	87,633		**87,633**	0.101
St. Anthony	12,215,166	148,379		**148,379**	0.171
St. Cloud	139,513,152	1,694,687		**1,694,687**	1.952
St. Francis	26,119,441	317,277		**317,277**	0.366
St. Joseph	3,670,082	44,581		**44,581**	0.051
St. Louis Park	66,202,700	804,174		**804,174**	0.926
St. Michael	49,217,032	597,847		**597,847**	0.689
St. Paul	457,047,897	5,551,830		**5,551,830**	6.396
St. Paul Park	9,537,481	115,853		**115,853**	0.133
St. Peter	29,994,288	364,345		**364,345**	0.420
Stewartville	6,489,290	78,826		**78,826**	0.091
Stillwater	31,126,265	378,095		**378,095**	0.436
Thief River Falls	42,543,881	516,787		**516,787**	0.595
Vadnais Heights	13,148,199	159,713		**159,713**	0.184
Victoria	9,228,236	112,097		**112,097**	0.129
Virginia	27,929,984	339,270		**339,270**	0.391
Waconia	19,063,781	231,571		**231,571**	0.267
Waite Park	11,355,361	137,935		**137,935**	0.159
Waseca	13,264,384	161,124		**161,124**	0.186
West St. Paul	19,976,224	242,654		**242,654**	0.280
White Bear Lake	27,392,556	332,742		**332,742**	0.383
Willmar	56,068,421	681,072		**681,072**	0.785
Winona	44,140,547	536,182		**536,182**	0.618
Woodbury	117,314,898	1,425,041		**1,425,041**	1.642
Worthington	19,567,591	237,689		**237,689**	0.274
Wyoming	23,214,608	281,991		**281,991**	0.325
Zimmerman	9,298,528	112,951		**112,951**	0.130
State Total	**$7,146,203,608**	**$86,806,018**	**$0**	**$86,806,018**	**100.0000**

Construction Needs Apportionment = $86,806,018 / $7,146,203,608 = 0.012147

x City's Adjusted Restricted Construction Needs + Actual Dollar Adjustments + TH Turnback Maintenance Allowance

NOTE: Last year's Total "Adjusted Restricted Construction Needs" were $6,442,606,488

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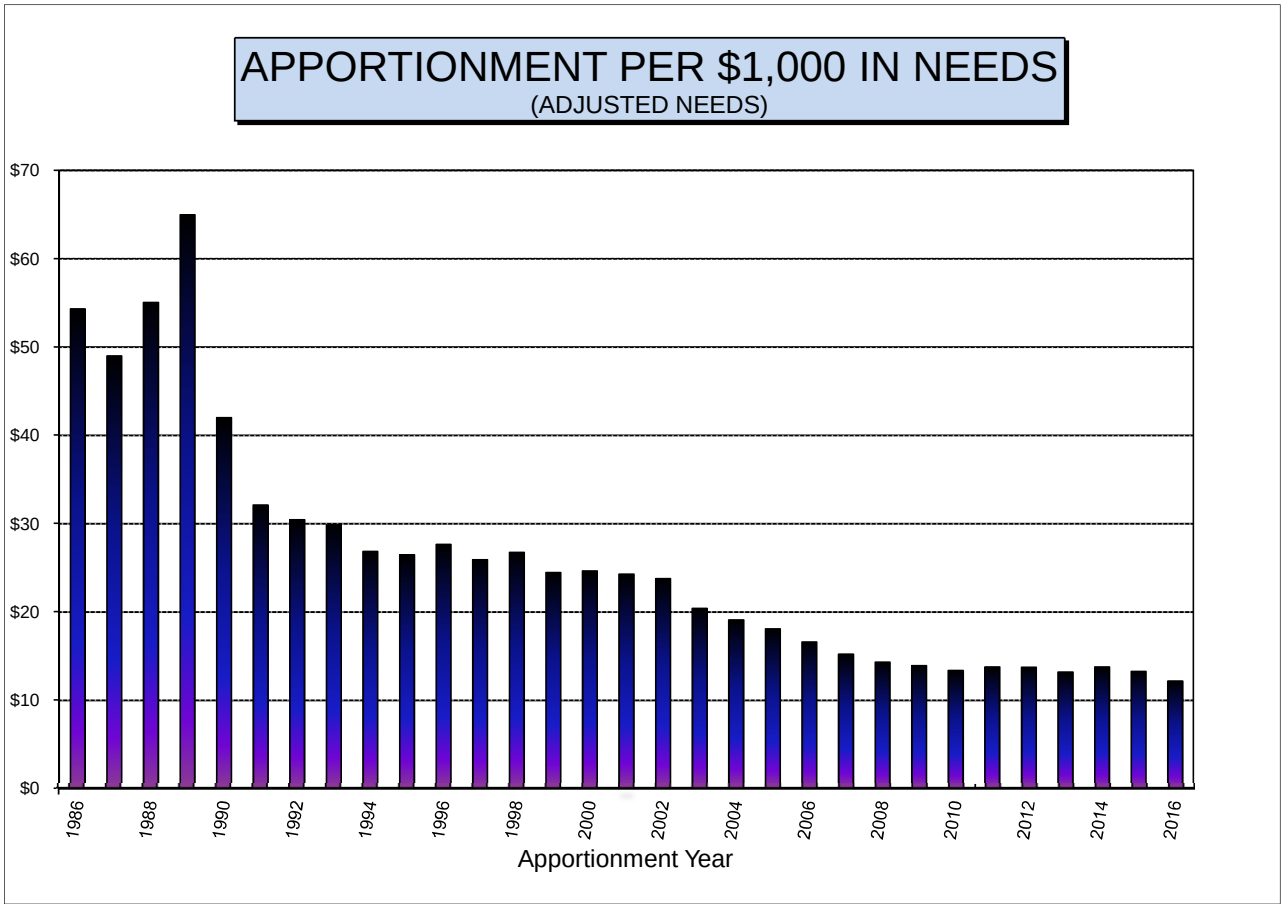

Apport. Year	Const. Needs Apport. per $1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per $1,000 of Adjusted Const. Needs	Percent Increase from 1958	Apport. Year	Const. Needs Apport. per $1,000 of Adjusted Const. Needs	Percent Increase (Decrease) from 1958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

Minimum of $12.15 in 2016
Maximum of $64.98 in 1989

COMPARISON OF 2015 to 2016
CONSTRUCTION NEEDS ALLOCATIONS

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Municipality	2015 Construction Needs Allocations	2016 Construction Needs Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$595,268	$573,990	($21,278)	(3.575)
Albertville	167,398	161,426	(5,972)	(3.568)
Alexandria	692,271	715,998	23,727	3.427
Andover	859,542	828,865	(30,677)	(3.569)
Anoka	322,839	353,310	30,471	9.438
Apple Valley	889,433	905,663	16,230	1.825
Arden Hills	130,647	134,333	3,686	2.821
Austin	716,514	738,790	22,276	3.109
Baxter	308,216	338,465	30,249	9.814
Belle Plaine	155,202	159,372	4,170	2.687
Bemidji	331,000	364,580	33,580	10.145
Big Lake	199,487	195,051	(4,436)	(2.224)
Blaine	817,114	887,517	70,403	8.616
Bloomington	2,119,172	2,128,599	9,427	0.445
Brainerd	449,780	464,726	14,946	3.323
Brooklyn Center	293,940	323,841	29,901	10.172
Brooklyn Park	866,379	954,297	87,918	10.148
Buffalo	446,398	429,504	(16,894)	(3.785)
Burnsville	1,298,821	1,252,486	(46,335)	(3.567)
Byron	84,858	93,502	8,644	10.186
Cambridge	234,061	257,903	23,842	10.186
Champlin	394,643	434,546	39,903	10.111
Chanhassen	401,648	442,562	40,914	10.187
Chaska	449,021	462,306	13,285	2.959
Chisago City	138,403	141,949	3,546	N/A
Chisholm	184,313	177,738	(6,575)	(3.567)
Circle Pines	66,813	64,914	(1,899)	(2.842)
Cloquet	421,988	412,286	(9,702)	(2.299)
Columbia Heights	304,086	293,238	(10,848)	(3.567)
Coon Rapids	1,099,251	1,123,277	24,026	2.186
Corcoran	266,251	256,753	(9,498)	(3.567)
Cottage Grove	812,934	783,624	(29,310)	(3.605)
Crookston	392,894	378,878	(14,016)	(3.567)
Crystal	264,204	291,013	26,809	10.147
Dayton	125,611	134,257	8,646	6.883
Delano	174,246	168,030	(6,216)	(3.567)
Detroit Lakes	384,323	423,345	39,022	10.153
Duluth	3,655,928	3,523,450	(132,478)	(3.624)
Eagan	1,491,430	1,434,034	(57,396)	(3.848)
East Bethel	543,492	524,009	(19,483)	(3.585)
East Grand Forks	431,059	457,228	26,169	6.071
Eden Prairie	1,102,173	1,214,444	112,271	10.186
Edina	875,871	964,751	88,880	10.148
Elk River	854,069	873,606	19,537	2.288
Fairmont	471,053	454,248	(16,805)	(3.568)
Falcon Heights	58,645	59,374	729	1.243
Faribault	591,083	613,183	22,100	3.739

Municipality	2015 Construction Needs Allocations	2016 Construction Needs Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Farmington	$385,398	$371,649	($13,749)	(3.567)
Fergus Falls	704,442	683,245	(21,197)	(3.009)
Forest Lake	797,910	769,435	(28,475)	(3.569)
Fridley	499,890	482,056	(17,834)	(3.568)
Glencoe	174,464	168,240	(6,224)	(3.567)
Golden Valley	527,027	558,334	31,307	5.940
Grand Rapids	744,088	718,571	(25,517)	(3.429)
Ham Lake	513,347	541,337	27,990	5.452
Hastings	263,632	290,486	26,854	10.186
Hermantown	442,450	425,889	(16,561)	(3.743)
Hibbing	937,679	952,554	14,875	1.586
Hopkins	247,100	254,254	7,154	2.895
Hugo	334,899	368,881	33,982	10.147
Hutchinson	348,118	383,579	35,461	10.186
International Falls	138,558	133,615	(4,943)	(3.567)
Inver Grove Heights	808,100	780,958	(27,142)	(3.359)
Isanti	112,278	114,215	1,937	1.725
Jordan	151,540	146,134	(5,406)	(3.567)
Kasson	127,571	122,997	(4,574)	(3.585)
La Crescent	119,433	115,151	(4,282)	(3.585)
Lake City	133,291	141,691	8,400	6.302
Lake Elmo	281,078	299,493	18,415	6.552
Lakeville	1,270,002	1,298,105	28,103	2.213
Lino Lakes	556,629	536,545	(20,084)	(3.608)
Litchfield	210,479	202,970	(7,509)	(3.568)
Little Canada	223,684	223,771	87	0.039
Little Falls	424,867	410,687	(14,180)	(3.338)
Mahtomedi	114,151	125,779	11,628	10.187
Mankato	1,001,152	1,025,880	24,728	2.470
Maple Grove	1,510,914	1,455,558	(55,356)	(3.664)
Maplewood	958,912	921,388	(37,524)	(3.913)
Marshall	417,456	416,407	(1,049)	(0.251)
Medina	127,483	140,469	12,986	10.186
Mendota Heights	328,070	316,328	(11,742)	(3.579)
Minneapolis	6,606,654	6,660,652	53,998	0.817
Minnetonka	1,232,157	1,187,659	(44,498)	(3.611)
Minnetrista	275,754	265,826	(9,928)	(3.600)
Montevideo	152,586	161,810	9,224	6.045
Monticello	209,597	230,948	21,351	10.187
Moorhead	1,268,910	1,390,399	121,489	9.574
Morris	164,027	167,726	3,699	2.255
Mound	204,651	197,292	(7,359)	(3.596)
Mounds View	212,917	205,313	(7,604)	(3.571)
New Brighton	330,110	318,333	(11,777)	(3.568)
New Hope	291,326	295,315	3,989	1.369
New Prague	123,505	125,251	1,746	1.414
New Ulm	452,055	436,152	(15,903)	(3.518)
North Branch	596,942	575,623	(21,319)	(3.571)
North Mankato	387,600	373,732	(13,868)	(3.578)
North Saint Paul	265,505	255,752	(9,753)	(3.673)
Northfield	349,399	355,862	6,463	1.850
Oak Grove	487,504	469,961	(17,543)	(3.599)
Oakdale	258,506	283,733	25,227	9.759

Municipality	2015 Construction Needs Allocations	2016 Construction Needs Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Orono	$154,868	$170,643	**$15,775**	10.186
Otsego	404,027	409,272	**5,245**	1.298
Owatonna	752,648	782,658	**30,010**	3.987
Plymouth	1,437,323	1,509,067	**71,744**	4.992
Prior Lake	361,893	366,154	**4,261**	1.177
Ramsey	635,690	645,678	**9,988**	1.571
Red Wing	559,837	572,779	**12,942**	2.312
Redwood Falls	188,146	183,558	**(4,588)**	(2.439)
Richfield	710,338	725,825	**15,487**	2.180
Robbinsdale	213,197	217,328	**4,131**	1.938
Rochester	2,732,420	2,889,138	**156,718**	5.736
Rogers	375,434	413,677	**38,243**	10.186
Rosemount	645,258	621,995	**(23,263)**	(3.605)
Roseville	550,290	558,178	**7,888**	1.433
Sartell	363,699	398,259	**34,560**	9.502
Sauk Rapids	300,360	329,956	**29,596**	9.854
Savage	444,163	488,427	**44,264**	9.966
Shakopee	625,899	689,655	**63,756**	10.186
Shoreview	379,492	385,430	**5,938**	1.565
Shorewood	168,058	184,271	**16,213**	9.647
South Saint Paul	342,032	348,473	**6,441**	1.883
Spring Lake Park	79,655	87,633	**7,978**	10.016
Saint Anthony	144,974	148,379	**3,405**	2.349
Saint Cloud	1,722,630	1,694,687	**(27,943)**	(1.622)
Saint Francis	329,024	317,277	**(11,747)**	(3.570)
Saint Joseph	40,460	44,581	**4,121**	10.185
Saint Louis Park	732,232	804,174	**71,942**	9.825
Saint Michael	621,105	597,847	**(23,258)**	(3.745)
Saint Paul	5,382,999	5,551,830	**168,831**	3.136
Saint Paul Park	105,288	115,853	**10,565**	10.034
Saint Peter	378,488	364,345	**(14,143)**	(3.737)
Stewartville	81,743	78,826	**(2,917)**	(3.569)
Stillwater	371,422	378,095	**6,673**	1.797
Thief River Falls	536,596	516,787	**(19,809)**	(3.692)
Vadnais Heights	144,986	159,713	**14,727**	10.158
Victoria	101,734	112,097	**10,363**	10.186
Virginia	336,542	339,270	**2,728**	0.811
Waconia	210,163	231,571	**21,408**	10.186
Waite Park	127,548	137,935	**10,387**	8.144
Waseca	167,224	161,124	**(6,100)**	(3.648)
West St. Paul	220,222	242,654	**22,432**	10.186
White Bear Lake	301,981	332,742	**30,761**	10.186
Willmar	665,370	681,072	**15,702**	2.360
Winona	486,631	536,182	**49,551**	10.182
Woodbury	1,375,103	1,425,041	**49,938**	3.632
Worthington	228,335	237,689	**9,354**	4.097
Wyoming	255,921	281,991	**26,070**	10.187
Zimmerman	117,128	112,951	**(4,177)**	(3.566)
TOTAL	**$85,350,145**	**$86,806,018**	**$1,455,873**	**1.706**

2016 MSAS TOTAL ALLOCATIONS

Municipality	2016 Population Allocations	2016 Construction Needs Allocations	2016 Total Allocations	Distribution Percentage
Albert Lea	$407,188	$573,990	**$981,178**	0.5652
Albertville	164,132	161,426	**325,558**	0.1875
Alexandria	297,932	715,998	**1,013,930**	0.5840
Andover	720,398	828,865	**1,549,263**	0.8924
Anoka	397,469	353,310	**750,779**	0.4324
Apple Valley	1,137,531	905,663	**2,043,194**	1.1769
Arden Hills	218,149	134,333	**352,482**	0.2030
Austin	567,228	738,790	**1,306,018**	0.7523
Baxter	181,218	338,465	**519,683**	0.2993
Belle Plaine	150,548	159,372	**309,920**	0.1785
Bemidji	334,140	364,580	**698,720**	0.4025
Big Lake	239,281	195,051	**434,332**	0.2502
Blaine	1,402,781	887,517	**2,290,298**	1.3192
Bloomington	1,958,460	2,128,599	**4,087,059**	2.3541
Brainerd	308,713	464,726	**773,439**	0.4455
Brooklyn Center	680,394	323,841	**1,004,235**	0.5784
Brooklyn Park	1,771,094	954,297	**2,725,391**	1.5698
Buffalo	359,657	429,504	**789,161**	0.4546
Burnsville	1,395,571	1,252,486	**2,648,057**	1.5253
Byron	118,974	93,502	**212,476**	0.1224
Cambridge	188,451	257,903	**446,354**	0.2571
Champlin	521,845	434,546	**956,391**	0.5509
Chanhassen	553,803	442,562	**996,365**	0.5739
Chaska	571,138	462,306	**1,033,444**	0.5953
Chisago City	114,567	141,949	**256,516**	0.1478
Chisholm	113,663	177,738	**291,401**	0.1678
Circle Pines	113,007	64,914	**177,921**	0.1025
Cloquet	277,048	412,286	**689,334**	0.3971
Columbia Heights	445,452	293,238	**738,690**	0.4255
Coon Rapids	1,411,121	1,123,277	**2,534,398**	1.4598
Corcoran	124,602	256,753	**381,355**	0.2197
Cottage Grove	796,701	783,624	**1,580,325**	0.9103
Crookston	178,597	378,878	**557,475**	0.3211
Crystal	507,086	291,013	**798,099**	0.4597
Dayton	113,256	134,257	**247,513**	0.1426
Delano	130,117	168,030	**298,147**	0.1717
Detroit Lakes	205,944	423,345	**629,289**	0.3625
Duluth	1,952,019	3,523,450	**5,475,469**	3.1539
Eagan	1,510,002	1,434,034	**2,944,036**	1.6958
East Bethel	262,764	524,009	**786,773**	0.4532
East Grand Forks	197,333	457,228	**654,561**	0.3770
Eden Prairie	1,414,692	1,214,444	**2,629,136**	1.5144
Edina	1,135,971	964,751	**2,100,722**	1.2100
Elk River	536,332	873,606	**1,409,938**	0.8121
Fairmont	241,067	454,248	**695,315**	0.4005

Municipality	2016 Population Allocations	2016 Construction Needs Allocations	2016 Total Allocations	Distribution Percentage
Falcon Heights	$122,003	$59,374	**$181,377**	0.1045
Faribault	534,095	613,183	**1,147,278**	0.6608
Farmington	505,956	371,649	**877,605**	0.5055
Fergus Falls	300,147	683,245	**983,392**	0.5664
Forest Lake	440,367	769,435	**1,209,802**	0.6968
Fridley	631,756	482,056	**1,113,812**	0.6416
Glencoe	127,269	168,240	**295,509**	0.1702
Golden Valley	469,884	558,334	**1,028,218**	0.5923
Grand Rapids	251,192	718,571	**969,763**	0.5586
Ham Lake	354,074	541,337	**895,411**	0.5158
Hastings	508,352	290,486	**798,838**	0.4601
Hermantown	219,822	425,889	**645,711**	0.3719
Hibbing	369,782	952,554	**1,322,336**	0.7617
Hopkins	428,772	254,254	**683,026**	0.3934
Hugo	320,963	368,881	**689,844**	0.3973
Hutchinson	320,488	383,579	**704,067**	0.4055
International Falls	145,192	133,615	**278,807**	0.1606
Inver Grove Heights	787,231	780,958	**1,568,189**	0.9033
Isanti	122,251	114,215	**236,466**	0.1362
Jordan	138,954	146,134	**285,088**	0.1642
Kasson	138,411	122,997	**261,408**	0.1506
La Crescent	114,793	115,151	**229,944**	0.1324
Lake City	114,431	141,691	**256,122**	0.1475
Lake Elmo	194,237	299,493	**493,730**	0.2844
Lakeville	1,341,644	1,298,105	**2,639,749**	1.5205
Lino Lakes	477,546	536,545	**1,014,091**	0.5841
Litchfield	152,356	202,970	**355,326**	0.2047
Little Canada	224,026	223,771	**447,797**	0.2579
Little Falls	199,051	410,687	**609,738**	0.3512
Mahtomedi	181,783	125,779	**307,562**	0.1772
Mankato	931,225	1,025,880	**1,957,105**	1.1273
Maple Grove	1,456,618	1,455,558	**2,912,176**	1.6774
Maplewood	882,677	921,388	**1,804,065**	1.0391
Marshall	310,069	416,407	**726,476**	0.4184
Medina	131,789	140,469	**272,258**	0.1568
Mendota Heights	251,418	316,328	**567,746**	0.3270
Minneapolis	9,295,363	6,660,652	**15,956,015**	9.1906
Minnetonka	1,155,928	1,187,659	**2,343,587**	1.3499
Minnetrista	152,854	265,826	**418,680**	0.2412
Montevideo	121,664	161,810	**283,474**	0.1633
Monticello	296,644	230,948	**527,592**	0.3039
Moorhead	930,750	1,390,399	**2,321,149**	1.3370
Morris	122,861	167,726	**290,587**	0.1674
Mound	210,600	197,292	**407,892**	0.2349
Mounds View	281,252	205,313	**486,565**	0.2803
New Brighton	499,130	318,333	**817,463**	0.4709
New Hope	470,381	295,315	**765,696**	0.4410
New Prague	168,132	125,251	**293,383**	0.1690
New Ulm	305,617	436,152	**741,769**	0.4273
North Branch	232,478	575,623	**808,101**	0.4655
North Mankato	307,606	373,732	**681,338**	0.3924
North St. Paul	271,353	255,752	**527,105**	0.3036

Municipality	2016 Population Allocations	2016 Construction Needs Allocations	2016 Total Allocations	Distribution Percentage
Northfield	$459,103	$355,862	**$814,965**	0.4694
Oak Grove	188,428	469,961	**658,389**	0.3792
Oakdale	647,644	283,733	**931,377**	0.5365
Orono	175,952	170,643	**346,595**	0.1996
Otsego	338,298	409,272	**747,570**	0.4306
Owatonna	580,021	782,658	**1,362,679**	0.7849
Plymouth	1,664,212	1,509,067	**3,173,279**	1.8278
Prior Lake	563,025	366,154	**929,179**	0.5352
Ramsey	560,764	645,678	**1,206,442**	0.6949
Red Wing	373,037	572,779	**945,816**	0.5448
Redwood Falls	118,793	183,558	**302,351**	0.1742
Richfield	817,200	725,825	**1,543,025**	0.8888
Robbinsdale	327,992	217,328	**545,320**	0.3141
Rochester	2,508,941	2,889,138	**5,398,079**	3.1093
Rogers	276,416	413,677	**690,093**	0.3975
Rosemount	508,306	621,995	**1,130,301**	0.6510
Roseville	784,700	558,178	**1,342,878**	0.7735
Sartell	383,072	398,259	**781,331**	0.4500
Sauk Rapids	300,757	329,956	**630,713**	0.3633
Savage	656,504	488,427	**1,144,931**	0.6595
Shakopee	893,277	689,655	**1,582,932**	0.9118
Shoreview	581,377	385,430	**966,807**	0.5569
Shorewood	167,816	184,271	**352,087**	0.2028
South St. Paul	455,645	348,473	**804,118**	0.4632
Spring Lake Park	147,203	87,633	**234,836**	0.1353
St. Anthony	202,622	148,379	**351,001**	0.2022
St. Cloud	1,502,137	1,694,687	**3,196,824**	1.8414
St. Francis	164,900	317,277	**482,177**	0.2777
St. Joseph	153,803	44,581	**198,384**	0.1143
St. Louis Park	1,083,355	804,174	**1,887,529**	1.0872
St. Michael	383,840	597,847	**981,687**	0.5654
St. Paul	6,772,319	5,551,830	**12,324,149**	7.0987
St. Paul Park	120,104	115,853	**235,957**	0.1359
St. Peter	265,748	364,345	**630,093**	0.3629
Stewartville	140,558	78,826	**219,384**	0.1264
Stillwater	426,986	378,095	**805,081**	0.4637
Thief River Falls	197,130	516,787	**713,917**	0.4112
Vadnais Heights	284,394	159,713	**444,107**	0.2558
Victoria	191,253	112,097	**303,350**	0.1747
Virginia	196,904	339,270	**536,174**	0.3088
Waconia	260,459	231,571	**492,030**	0.2834
Waite Park	168,901	137,935	**306,836**	0.1767
Waseca	212,725	161,124	**373,849**	0.2153
West St. Paul	447,509	242,654	**690,163**	0.3975
White Bear Lake	546,028	332,742	**878,770**	0.5062
Willmar	445,949	681,072	**1,127,021**	0.6492
Winona	624,116	536,182	**1,160,298**	0.6683
Woodbury	1,494,385	1,425,041	**2,919,426**	1.6816
Worthington	293,503	237,689	**531,192**	0.3060
Wyoming	177,513	281,991	**459,504**	0.2647
Zimmerman	119,721	112,951	**232,672**	0.1340
Total	**$86,806,018**	**$86,806,018**	**$173,612,036**	**100.0000**

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COMPARISON OF THE 2015 ALLOCATIONS TO THE 2016 TOTAL ALLOCATIONS

Municipality	2015 Total Allocations	2016 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	$999,370	$981,178	($18,192)	(1.82)
Albertville	329,142	325,558	(3,584)	(1.09)
Alexandria	984,872	1,013,930	29,058	2.95
Andover	1,570,398	1,549,263	(21,135)	(1.35)
Anoka	710,499	750,779	40,280	5.67
Apple Valley	2,018,253	2,043,194	24,941	1.24
Arden Hills	344,900	352,482	7,582	2.20
Austin	1,276,887	1,306,018	29,131	2.28
Baxter	481,982	519,683	37,701	7.82
Belle Plaine	305,125	309,920	4,795	1.57
Bemidji	654,241	698,720	44,479	6.80
Big Lake	432,805	434,332	1,527	0.35
Blaine	2,208,187	2,290,298	82,111	3.72
Bloomington	4,046,707	4,087,059	40,352	1.00
Brainerd	756,221	773,439	17,218	2.28
Brooklyn Center	976,400	1,004,235	27,835	2.85
Brooklyn Park	2,615,684	2,725,391	109,707	4.19
Buffalo	801,064	789,161	(11,903)	(1.49)
Burnsville	2,673,789	2,648,057	(25,732)	(0.96)
Byron	200,082	212,476	12,394	6.19
Cambridge	419,626	446,354	26,728	6.37
Champlin	921,729	956,391	34,662	3.76
Chanhassen	943,448	996,365	52,917	5.61
Chaska	1,005,536	1,033,444	27,908	2.78
Chisago City	250,554	256,516	5,962	2.38
Chisholm	297,271	291,401	(5,870)	(1.97)
Circle Pines	179,278	177,921	(1,357)	(0.76)
Cloquet	695,187	689,334	(5,853)	(0.84)
Columbia Heights	747,261	738,690	(8,571)	(1.15)
Coon Rapids	2,505,263	2,534,398	29,135	1.16
Corcoran	388,966	381,355	(7,611)	(1.96)
Cottage Grove	1,607,029	1,580,325	(26,704)	(1.66)
Crookston	571,528	557,475	(14,053)	(2.46)
Crystal	772,135	798,099	25,964	3.36
Dayton	237,762	247,513	9,751	4.10
Delano	300,707	298,147	(2,560)	(0.85)
Detroit Lakes	584,086	629,289	45,203	7.74
Duluth	5,590,865	5,475,469	(115,396)	(2.06)
Eagan	2,978,572	2,944,036	(34,536)	(1.16)
East Bethel	804,265	786,773	(17,492)	(2.17)
East Grand Forks	624,856	654,561	29,705	4.75
Eden Prairie	2,509,194	2,629,136	119,942	4.78
Edina	1,979,793	2,100,722	120,929	6.11
Elk River	1,378,262	1,409,938	31,676	2.30
Fairmont	710,293	695,315	(14,978)	(2.11)
Falcon Heights	180,777	181,377	600	0.33
Faribault	1,117,676	1,147,278	29,602	2.65
Farmington	880,005	877,605	(2,400)	(0.27)

Municipality	2015 Total Allocations	2016 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Fergus Falls	$1,002,651	$983,392	($19,259)	(1.92)
Forest Lake	1,225,339	1,209,802	(15,537)	(1.27)
Fridley	1,124,906	1,113,812	(11,094)	(0.99)
Glencoe	300,768	295,509	(5,259)	(1.75)
Golden Valley	990,950	1,028,218	37,268	3.76
Grand Rapids	990,685	969,763	(20,922)	(2.11)
Ham Lake	864,379	895,411	31,032	3.59
Hastings	770,374	798,838	28,464	3.69
Hermantown	658,340	645,711	(12,629)	(1.92)
Hibbing	1,304,659	1,322,336	17,677	1.35
Hopkins	660,106	683,026	22,920	3.47
Hugo	646,185	689,844	43,659	6.76
Hutchinson	666,178	704,067	37,889	5.69
International Falls	282,649	278,807	(3,842)	(1.36)
Inver Grove Heights	1,580,998	1,568,189	(12,809)	(0.81)
Isanti	233,064	236,466	3,402	1.46
Jordan	292,222	285,088	(7,134)	(2.44)
Kasson	264,014	261,408	(2,606)	(0.99)
La Crescent	231,584	229,944	(1,640)	(0.71)
Lake City	246,855	256,122	9,267	3.75
Lake Elmo	477,858	493,730	15,872	3.32
Lakeville	2,566,218	2,639,749	73,531	2.87
Lino Lakes	1,023,916	1,014,091	(9,825)	(0.96)
Litchfield	361,344	355,326	(6,018)	(1.67)
Little Canada	447,133	447,797	664	0.15
Little Falls	622,252	609,738	(12,514)	(2.01)
Mahtomedi	290,699	307,562	16,863	5.80
Mankato	1,915,024	1,957,105	42,081	2.20
Maple Grove	2,940,747	2,912,176	(28,571)	(0.97)
Maplewood	1,832,566	1,804,065	(28,501)	(1.56)
Marshall	725,400	726,476	1,076	0.15
Medina	246,565	272,258	25,693	10.42
Mendota Heights	578,458	567,746	(10,712)	(1.85)
Minneapolis	15,599,755	15,956,015	356,260	2.28
Minnetonka	2,372,528	2,343,587	(28,941)	(1.22)
Minnetrista	428,189	418,680	(9,509)	(2.22)
Montevideo	273,328	283,474	10,146	3.71
Monticello	501,032	527,592	26,560	5.30
Moorhead	2,176,838	2,321,149	144,311	6.63
Morris	284,746	290,587	5,841	2.05
Mound	415,965	407,892	(8,073)	(1.94)
Mounds View	489,122	486,565	(2,557)	(0.52)
New Brighton	826,332	817,463	(8,869)	(1.07)
New Hope	760,206	765,696	5,490	0.72
New Prague	289,914	293,383	3,469	1.20
New Ulm	755,356	741,769	(13,587)	(1.80)
North Branch	825,371	808,101	(17,270)	(2.09)
North Mankato	690,856	681,338	(9,518)	(1.38)
North St. Paul	533,568	527,105	(6,463)	(1.21)
Northfield	801,299	814,965	13,666	1.71
Oak Grove	671,656	658,389	(13,267)	(1.98)
Oakdale	889,735	931,377	41,642	4.68
Orono	325,584	346,595	21,011	6.45

Municipality	2015 Total Allocations	2016 Total Allocations	Increase (Decrease) Amount	% Increase (Decrease)
Otsego	$728,300	$747,570	$19,270	2.65
Owatonna	1,326,838	1,362,679	35,842	2.70
Plymouth	3,074,029	3,173,279	99,250	3.23
Prior Lake	905,219	929,179	23,960	2.65
Ramsey	1,180,877	1,206,442	25,565	2.16
Red Wing	929,665	945,816	16,151	1.74
Redwood Falls	306,039	302,351	(3,688)	(1.21)
Richfield	1,518,743	1,543,025	24,282	1.60
Robbinsdale	537,201	545,320	8,119	1.51
Rochester	5,208,552	5,398,079	189,527	3.64
Rogers	644,170	690,093	45,923	7.13
Rosemount	1,152,292	1,130,301	(21,991)	(1.91)
Roseville	1,323,592	1,342,878	19,286	1.46
Sartell	727,449	781,331	53,882	7.41
Sauk Rapids	596,662	630,713	34,051	5.71
Savage	1,085,733	1,144,931	59,198	5.45
Shakopee	1,493,968	1,582,932	88,964	5.95
Shoreview	954,377	966,807	12,430	1.30
Shorewood	336,822	352,087	15,265	4.53
South St. Paul	800,527	804,118	3,591	0.45
Spring Lake Park	224,083	234,836	10,753	4.80
St. Anthony	335,989	351,001	15,012	4.47
St. Cloud	3,207,932	3,196,824	(11,108)	(0.35)
St. Francis	491,418	482,177	(9,241)	(1.88)
St. Joseph	192,693	198,384	5,691	2.95
St. Louis Park	1,793,649	1,887,529	93,880	5.23
St. Michael	997,954	981,687	(16,267)	(1.63)
St. Paul	12,034,481	12,324,149	289,668	2.41
St. Paul Park	226,276	235,957	9,681	4.28
St. Peter	635,201	630,093	(5,108)	(0.80)
Stewartville	220,563	219,384	(1,179)	(0.53)
Stillwater	796,922	805,081	8,159	1.02
Thief River Falls	731,021	713,917	(17,104)	(2.34)
Vadnais Heights	428,570	444,107	15,537	3.63
Victoria	284,158	303,350	19,192	6.75
Virginia	531,954	536,174	4,221	0.79
Waconia	464,633	492,030	27,397	5.90
Waite Park	292,903	306,836	13,933	4.76
Waseca	378,337	373,849	(4,488)	(1.19)
West St. Paul	660,930	690,163	29,233	4.42
White Bear Lake	842,548	878,770	36,222	4.30
Willmar	1,107,625	1,127,021	19,396	1.75
Winona	1,109,068	1,160,298	51,230	4.62
Woodbury	2,849,796	2,919,426	69,630	2.44
Worthington	519,344	531,192	11,848	2.28
Wyoming	430,876	459,504	28,628	6.64
Zimmerman	235,312	232,672	(2,640)	(1.12)
Total	**$170,700,289**	**$173,612,036**	**$2,911,747**	**1.706**

93 Cities Increased Their Estimated Total Allocation
55 Cities Decreased Their Estimated Total Allocation

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2016 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

Municipality	2015 Total Needs Mileage	2016 Tentative Population Allocation Per Need Mile
Minneapolis	206.66	$44,979
Hopkins	9.99	42,920
St. Paul	164.73	41,112
Falcon Heights	3.29	37,083
New Hope	12.86	36,577
Columbia Heights	12.50	35,636
St. Anthony	5.95	34,054
Oakdale	19.39	33,401
Richfield	24.67	33,125
West St. Paul	13.58	32,954
St. Louis Park	33.02	32,809
New Brighton	15.22	32,794
Coon Rapids	43.23	32,642
Robbinsdale	10.05	32,636
Brooklyn Center	21.34	31,884
Circle Pines	3.60	31,391
Burnsville	44.77	31,172
Vadnais Heights	9.17	31,014
Eagan	48.92	30,867
Apple Valley	37.31	30,489
Farmington	16.69	30,315
Stewartville	4.71	29,842
Shoreview	19.69	29,527
Brooklyn Park	60.14	29,450
Eden Prairie	48.54	29,145
Crystal	17.47	29,026
Arden Hills	7.53	28,971
Winona	21.76	28,682
Blaine	49.68	28,236
St. Joseph	5.53	27,812
Edina	40.85	27,808
Fridley	22.89	27,600
Waseca	7.71	27,591
Prior Lake	20.44	27,545

Municipality	2015 Total Needs Mileage	2016 Tentative Money Needs Allocation Per Need Mile
St. Paul	164.73	$33,703
Crookston	11.58	32,718
Minneapolis	206.66	32,230
Thief River Falls	16.21	31,881
Moorhead	45.78	30,371
Duluth	116.71	30,190
Richfield	24.67	29,421
Eagan	48.92	29,314
Rochester	101.45	28,478
Grand Rapids	25.68	27,982
Burnsville	44.77	27,976
Bloomington	76.12	27,964
Delano	6.21	27,058
East Grand Forks	16.99	26,912
Mankato	38.18	26,870
St. Michael	22.63	26,418
St. Cloud	64.30	26,356
Fergus Falls	26.18	26,098
Coon Rapids	43.23	25,984
Woodbury	55.40	25,723
Maple Grove	56.86	25,599
Faribault	24.07	25,475
Hopkins	9.99	25,451
Maplewood	36.68	25,120
Eden Prairie	48.54	25,019
Buffalo	17.17	25,015
St. Anthony	5.95	24,938
Mound	7.94	24,848
New Ulm	17.68	24,669
Winona	21.76	24,641
Austin	30.21	24,455
Willmar	27.87	24,437
St. Louis Park	33.02	24,354
Apple Valley	37.31	24,274

Municipality	2015 Total Needs Mileage	2016 Tentative Total Allocation Per Need Mile
Minneapolis	206.66	$77,209
St. Paul	164.73	74,814
Hopkins	9.99	68,371
Richfield	24.67	62,547
Eagan	48.92	60,181
New Hope	12.86	59,541
Burnsville	44.77	59,148
Columbia Heights	12.50	59,095
St. Anthony	5.95	58,992
Coon Rapids	43.23	58,626
St. Louis Park	33.02	57,163
Falcon Heights	3.29	55,130
Apple Valley	37.31	54,763
Robbinsdale	10.05	54,261
Eden Prairie	48.54	54,164
New Brighton	15.22	53,710
Bloomington	76.12	53,692
Winona	21.76	53,323
Rochester	101.45	53,209
Woodbury	55.40	52,697
Farmington	16.69	52,583
Edina	40.85	51,425
Mound	7.94	51,372
Mankato	38.18	51,260
Maple Grove	56.86	51,217
West St. Paul	13.58	50,822
Moorhead	45.78	50,702
Plymouth	62.81	50,522
St. Cloud	64.30	49,717
Circle Pines	3.60	49,423
Chaska	20.95	49,329
Maplewood	36.68	49,184
Shoreview	19.69	49,101
Anoka	15.42	48,689

Municipality	2015 Total Needs Mileage	2016 Tentative Population Allocation Per Need Mile
Chaska	20.95	$27,262
Woodbury	55.40	26,974
Roseville	29.12	26,947
Northfield	17.06	26,911
Mound	7.94	26,524
Plymouth	62.81	26,496
Champlin	19.92	26,197
South St. Paul	17.46	26,097
White Bear Lake	21.02	25,977
Mounds View	10.86	25,898
Worthington	11.34	25,882
Anoka	15.42	25,776
Victoria	7.43	25,741
Bloomington	76.12	25,729
Maple Grove	56.86	25,618
Spring Lake Park	5.82	25,293
Rochester	101.45	24,731
Mankato	38.18	24,390
Monticello	12.19	24,335
Chanhassen	22.76	24,332
Savage	27.24	24,101
Maplewood	36.68	24,064
Waite Park	7.02	24,060
North St. Paul	11.34	23,929
Shakopee	37.49	23,827
Inver Grove Heights	33.64	23,402
Stillwater	18.25	23,396
St. Cloud	64.30	23,361
Albertville	7.15	22,956
Jordan	6.09	22,817
Hastings	22.45	22,644
Minnetonka	51.16	22,594
Cottage Grove	35.31	22,563
Kasson	6.20	22,324
Faribault	24.07	22,189
Byron	5.47	21,750
New Prague	7.74	21,722
Lakeville	63.01	21,293

Municipality	2015 Total Needs Mileage	2016 Tentative Money Needs Allocation Per Need Mile
Brainerd	19.16	$24,255
Plymouth	62.81	24,026
Jordan	6.09	23,996
North Mankato	15.77	23,699
St. Peter	15.42	23,628
Edina	40.85	23,617
Albert Lea	24.31	23,611
St. Francis	13.45	23,589
Golden Valley	23.74	23,519
Columbia Heights	12.50	23,459
Sauk Rapids	14.21	23,220
Inver Grove Heights	33.64	23,215
Minnetonka	51.16	23,215
Litchfield	8.77	23,144
Red Wing	24.87	23,031
New Hope	12.86	22,964
Anoka	15.42	22,912
Hermantown	18.65	22,836
Elk River	38.27	22,827
Forest Lake	33.83	22,744
Lino Lakes	23.71	22,629
Owatonna	34.64	22,594
Albertville	7.15	22,577
Fairmont	20.12	22,577
North St. Paul	11.34	22,553
Farmington	16.69	22,268
Cottage Grove	35.31	22,193
Marshall	18.78	22,173
Chaska	20.95	22,067
Rosemount	28.31	21,971
Champlin	19.92	21,815
Mendota Heights	14.57	21,711
Sartell	18.39	21,656
Robbinsdale	10.05	21,625
Alexandria	33.29	21,508
Chisholm	8.41	21,134
Fridley	22.89	21,060
Worthington	11.34	20,960

Municipality	2015 Total Needs Mileage	2016 Tentative Total Allocation Per Need Mile
Fridley	22.89	$48,659
Waseca	7.71	48,489
Vadnais Heights	9.17	48,430
Crookston	11.58	48,141
Oakdale	19.39	48,034
Champlin	19.92	48,012
Delano	6.21	48,011
Northfield	17.06	47,771
Faribault	24.07	47,664
Brooklyn Center	21.34	47,059
Duluth	116.71	46,915
Worthington	11.34	46,842
Jordan	6.09	46,812
Arden Hills	7.53	46,810
Inver Grove Heights	33.64	46,617
Stewartville	4.71	46,578
North St. Paul	11.34	46,482
Roseville	29.12	46,115
Blaine	49.68	46,101
South St. Paul	17.46	46,055
Buffalo	17.17	45,962
Minnetonka	51.16	45,809
Crystal	17.47	45,684
Albertville	7.15	45,533
Prior Lake	20.44	45,459
Brooklyn Park	60.14	45,317
Mounds View	10.86	44,803
Cottage Grove	35.31	44,756
Sauk Rapids	14.21	44,385
Stillwater	18.25	44,114
Thief River Falls	16.21	44,042
Chanhassen	22.76	43,777
Waite Park	7.02	43,709
St. Michael	22.63	43,380
Golden Valley	23.74	43,312
Monticello	12.19	43,281
Austin	30.21	43,231
North Mankato	15.77	43,205

Municipality	2015 Total Needs Mileage	2016 Tentative Population Allocation Per Need Mile
Sauk Rapids	14.21	$21,165
Waconia	12.32	21,141
Delano	6.21	20,953
Buffalo	17.17	20,947
Big Lake	11.48	20,843
Sartell	18.39	20,830
International Falls	7.12	20,392
Moorhead	45.78	20,331
Lino Lakes	23.71	20,141
St. Paul Park	6.06	19,819
Golden Valley	23.74	19,793
Little Canada	11.35	19,738
LaCrescent	5.84	19,656
North Mankato	15.77	19,506
Mahtomedi	9.53	19,075
Austin	30.21	18,776
Bemidji	17.85	18,719
Orono	9.45	18,619
Zimmerman	6.50	18,419
Shorewood	9.20	18,241
Rosemount	28.31	17,955
Isanti	6.89	17,743
Litchfield	8.77	17,372
Belle Plaine	8.68	17,344
Hutchinson	18.49	17,333
New Ulm	17.68	17,286
Mendota Heights	14.57	17,256
St. Peter	15.42	17,234
St. Michael	22.63	16,962
Andover	42.75	16,851
Albert Lea	24.31	16,750
Owatonna	34.64	16,744
Duluth	116.71	16,725
Marshall	18.78	16,511
Brainerd	19.16	16,112
Willmar	27.87	16,001
Crookston	11.58	15,423
Glencoe	8.39	15,169
Hugo	21.19	15,147

Municipality	2015 Total Needs Mileage	2016 Tentative Money Needs Allocation Per Need Mile
New Brighton	15.22	$20,915
Waseca	7.71	20,898
Northfield	17.06	20,859
Hutchinson	18.49	20,745
Stillwater	18.25	20,718
North Branch	27.81	20,698
Lakeville	63.01	20,602
Minnetrista	12.98	20,480
Bemidji	17.85	20,425
Glencoe	8.39	20,052
Shorewood	9.20	20,029
South St. Paul	17.46	19,958
Baxter	17.05	19,851
Kasson	6.20	19,838
Virginia	17.14	19,794
La Crescent	5.84	19,718
Little Canada	11.35	19,716
Waite Park	7.02	19,649
Shoreview	19.69	19,575
Rogers	21.15	19,559
Chanhassen	22.76	19,445
Andover	42.75	19,389
Roseville	29.12	19,168
St. Paul Park	6.06	19,118
Monticello	12.19	18,946
Mounds View	10.86	18,905
Little Falls	21.75	18,882
Waconia	12.32	18,796
International Falls	7.12	18,766
Cloquet	22.20	18,571
Morris	9.09	18,452
Shakopee	37.49	18,396
Lake Elmo	16.30	18,374
East Bethel	28.53	18,367
Belle Plaine	8.68	18,361
Montevideo	8.83	18,325
Oak Grove	25.73	18,265
Otsego	22.47	18,214
Orono	9.45	18,057

Municipality	2015 Total Needs Mileage	2016 Tentative Total Allocation Per Need Mile
Lino Lakes	23.71	$42,771
Sartell	18.39	42,487
Shakopee	37.49	42,223
Kasson	6.20	42,163
Savage	27.24	42,031
New Ulm	17.68	41,955
Lakeville	63.01	41,894
White Bear Lake	21.02	41,806
St. Peter	15.42	40,862
Victoria	7.43	40,828
Litchfield	8.77	40,516
Willmar	27.87	40,439
Brainerd	19.16	40,367
Albert Lea	24.31	40,361
Spring Lake Park	5.82	40,350
Waconia	12.32	39,938
Rosemount	28.31	39,926
Little Canada	11.35	39,453
La Crescent	5.84	39,374
Owatonna	34.64	39,338
International Falls	7.12	39,158
Bemidji	17.85	39,144
Mendota Heights	14.57	38,967
St. Paul Park	6.06	38,937
Byron	5.47	38,844
Marshall	18.78	38,683
East Grand Forks	16.99	38,526
Shorewood	9.20	38,270
Hutchinson	18.49	38,078
Red Wing	24.87	38,030
New Prague	7.74	37,905
Big Lake	11.48	37,834
Grand Rapids	25.68	37,763
Fergus Falls	26.18	37,563
Elk River	38.27	36,842
Orono	9.45	36,677
Andover	42.75	36,240
St. Joseph	5.53	35,874
St. Francis	13.45	35,850

Municipality	2015 Total Needs Mileage	2016 Tentative Population Allocation Per Need Mile
Otsego	22.47	$15,056
Red Wing	24.87	14,999
Ramsey	37.86	14,812
Chisago City	8.10	14,144
Elk River	38.27	14,014
Montevideo	8.83	13,778
Lake City	8.39	13,639
Morris	9.09	13,516
Chisholm	8.41	13,515
Rogers	21.15	13,069
Forest Lake	33.83	13,017
Cloquet	22.20	12,480
St. Francis	13.45	12,260
Thief River Falls	16.21	12,161
Fairmont	20.12	11,981
Lake Elmo	16.30	11,916
Hermantown	18.65	11,787
Minnetrista	12.98	11,776
Dayton	9.72	11,652
East Grand Forks	16.99	11,615
Cambridge	16.37	11,512
Virginia	17.14	11,488
Fergus Falls	26.18	11,465
Redwood Falls	10.52	11,292
Wyoming	15.92	11,150
Baxter	17.05	10,629
Medina	12.41	10,620
Ham Lake	33.55	10,554
Grand Rapids	25.68	9,782
East Bethel	28.53	9,210
Little Falls	21.75	9,152
Alexandria	33.29	8,950
Detroit Lakes	24.52	8,399
North Branch	27.81	8,360
Corcoran	15.53	8,023
Oak Grove	25.73	7,323
Hibbing	54.07	6,839
Total		**$21,366**

Municipality	2015 Total Needs Mileage	2016 Tentative Money Needs Allocation Per Need Mile
Falcon Heights	3.29	$18,047
Circle Pines	3.60	18,032
Savage	27.24	17,931
Prior Lake	20.44	17,914
West St. Paul	13.58	17,868
Blaine	49.68	17,865
Arden Hills	7.53	17,840
Wyoming	15.92	17,713
Hibbing	54.07	17,617
Chisago City	8.10	17,525
Redwood Falls	10.52	17,448
Vadnais Heights	9.17	17,417
Hugo	21.19	17,408
Zimmerman	6.50	17,377
Detroit Lakes	24.52	17,265
Byron	5.47	17,094
Ramsey	37.86	17,054
Big Lake	11.48	16,991
Lake City	8.39	16,888
Stewartville	4.71	16,736
Crystal	17.47	16,658
Isanti	6.89	16,577
Corcoran	15.53	16,533
New Prague	7.74	16,182
Ham Lake	33.55	16,135
Brooklyn Park	60.14	15,868
White Bear Lake	21.02	15,830
Cambridge	16.37	15,755
Brooklyn Center	21.34	15,175
Victoria	7.43	15,087
Spring Lake Park	5.82	15,057
Oakdale	19.39	14,633
Dayton	9.72	13,812
Mahtomedi	9.53	13,198
Hastings	22.45	12,939
Medina	12.41	11,319
St. Joseph	5.53	8,062
		$21,231

Municipality	2015 Total Needs Mileage	2016 Tentative Total Allocation Per Need Mile
Zimmerman	6.50	$35,796
Forest Lake	33.83	35,761
Belle Plaine	8.68	35,705
Hastings	22.45	35,583
Glencoe	8.39	35,222
Chisholm	8.41	34,649
Hermantown	18.65	34,623
Fairmont	20.12	34,558
Isanti	6.89	34,320
Otsego	22.47	33,270
Rogers	21.15	32,629
Hugo	21.19	32,555
Mahtomedi	9.53	32,273
Minnetrista	12.98	32,256
Montevideo	8.83	32,104
Morris	9.09	31,968
Ramsey	37.86	31,866
Chisago City	8.10	31,669
Virginia	17.14	31,282
Cloquet	22.20	31,051
Lake City	8.39	30,527
Baxter	17.05	30,480
Alexandria	33.29	30,457
Lake Elmo	16.30	30,290
North Branch	27.81	29,058
Wyoming	15.92	28,863
Redwood Falls	10.52	28,741
Little Falls	21.75	28,034
East Bethel	28.53	27,577
Cambridge	16.37	27,267
Ham Lake	33.55	26,689
Detroit Lakes	24.52	25,664
Oak Grove	25.73	25,588
Dayton	9.72	25,464
Corcoran	15.53	24,556
Hibbing	54.07	24,456
Medina	12.41	21,939
		$42,597

DETERMINATION OF THE CONSTRUCTION AND MAINTENANCE ALLOTMENTS

Upon determining the amount available to be distributed in the Municipal State Aid Street Fund the cities Total Maintenance Allotments are computed in accordance with the State Aid Operational Rules Chapter 8820.1400 Subp. 3.

General Maintenance Allotment

The General Maintenance requested is subtracted from the Total Apportionment minus Turnback Maintenance Allowance.

A city may request its General Maintenance Allotment be calculated using one of the following methods:

1) $1500 per improved mile
2) 25% of its Total Apportionment
3) 35% of its Total Apportionment (maximum percentage allowed)
4) A Lump Sum dollar amount greater than $1500 per improved mile and less than 35% of its Total Apportionment

Bond interest due in the current year is not added to General Maintenance Allotments

The General Maintenance Allotment may not exceed 35% of the Total Apportionment minus Trunk Highway Turnback Maintenance Allowance.

Total Maintenance Allotment

The Total Maintenance Allotment is the General Maintenance Allotment plus Trunk Highway Turnback Maintenance Allowance plus Bond Interest due, if any.

The Total Maintenance Allotment of a city may only exceed 35% of its Total Apportionment to pay for Bond Interest.

By City Council resolution, a city may request State Aid to use local funds for the interest.

Maintenance Expenditure Report

If any city's General Maintenance Allotment exceeds 25% of its Total Apportionment that city must submit a Maintenance Expenditure Report to receive the final payment of its Total Maintenance Allotment. The cities that will need to file a Maintenance Expenditure Report at the end of 2016 are:

Bloomington	**Falcon Heights**	**Red Wing**	
Cloquet	**Fridley**	**Shakopee**	
Columbia Heights	**Minneapolis**	**St. Louis Park**	
Corcoran	**Prior Lake**	**St. Paul**	
Duluth	**Ramsey**	**Vadnais Heights**	

Principal payments due on bonds in the current year are paid from the city's Construction Allotment.

2016 CONSTRUCTION AND MAINTENANCE ALLOTMENTS

JANUARY 2016 BOOK/2016 MAINTENANCE & CONSTRUCTION ALLOTMENTS.XLS 27-Jan-16

MUNICIPALITY	TOTAL APPORTIONMENT	* TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE ALLOTMENT	GENERAL MAINTENANCE ALLOTMENT	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE ALLOTMENT	TOTAL MAINTENANCE ALLOTMENT	CONSTRUCTION ALLOTMENT
Albert Lea	$981,178		25%	$245,295		**$245,295**	**$735,883**
Albertville	325,558		$1500/improved mile	10,725		**10,725**	**314,833**
Alexandria	1,013,930		25%	253,483		**253,483**	**760,447**
Andover	1,549,263		25%	387,316		**387,316**	**1,161,947**
Anoka	750,779		25%	187,695		**187,695**	**563,084**
Apple Valley	2,043,194		25%	510,799	$17,700	**528,499**	**1,514,695**
Arden Hills	352,482		25%	88,121		**88,121**	**264,361**
Austin	1,306,018		Lump Sum	95,000		**95,000**	**1,211,018**
Baxter	519,683		25%	129,921		**129,921**	**389,762**
Belle Plaine	309,920		$1500/improved mile	11,850	54,258	**66,108**	**243,812**
Bemidji	698,720		25%	174,680		**174,680**	**524,040**
Big Lake	434,332		25%	108,583	31,500	**140,083**	**294,249**
Blaine	2,290,298		25%	572,575		**572,575**	**1,717,723**
Bloomington	4,087,059		35%	1,430,471		**1,430,471**	**2,656,588**
Brainerd	773,439		$1500/improved mile	27,495		**27,495**	**745,944**
Brooklyn Center	1,004,235		Lump Sum	120,000		**120,000**	**884,235**
Brooklyn Park	2,725,391		25%	681,348	39,465	**720,813**	**2,004,578**
Buffalo	789,161		25%	197,290	1,575	**198,865**	**590,296**
Burnsville	2,648,057		25%	662,014		**662,014**	**1,986,043**
Byron	212,476		25%	53,119		**53,119**	**159,357**
Cambridge	446,354		Lump Sum	25,000		**25,000**	**421,354**
Champlin	956,391		25%	239,098		**239,098**	**717,293**
Chanhassen	996,365		Lump Sum	100,000		**100,000**	**896,365**
Chaska	1,033,444		25%	258,361		**258,361**	**775,083**
Chisago City	256,516		25%	64,129		**64,129**	**192,387**
Chisholm	291,401		25%	72,850		**72,850**	**218,551**
Circle Pines	177,921		$1500/improved mile	4,860		**4,860**	**173,061**
Cloquet	689,334		35%	241,267		**241,267**	**448,067**
Columbia Heights	738,690		35%	258,542		**258,542**	**480,148**
Coon Rapids	2,534,398		Lump Sum	122,745		**122,745**	**2,411,653**
Corcoran	381,355		35%	133,474		**133,474**	**247,881**
Cottage Grove	1,580,325		$1500/improved mile	43,245		**43,245**	**1,537,080**
Crookston	557,475		25%	139,369		**139,369**	**418,106**
Crystal	798,099		25%	199,525		**199,525**	**598,574**
Dayton	247,513		25%	61,878		**61,878**	**185,635**
Delano	298,147		25%	74,537	9,477	**84,014**	**214,133**
Detroit Lakes	629,289		25%	157,322		**157,322**	**471,967**

MUNICIPALITY	TOTAL APPORTIONMENT	* TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE ALLOTMENT	GENERAL MAINTENANCE ALLOTMENT	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE ALLOTMENT	TOTAL MAINTENANCE ALLOTMENT	CONSTRUCTION ALLOTMENT
Duluth	$5,475,469		Lump Sum	$1,533,400		**$1,533,400**	**$3,942,069**
Eagan	2,944,036		$1500/improved mile	71,805	$114,667	**186,472**	**2,757,564**
East Bethel	786,773		25%	196,693		**196,693**	**590,080**
East Grand Forks	654,561		25%	163,640	110,443	**274,083**	**380,478**
Eden Prairie	2,629,136		$1500/improved mile	72,810		**72,810**	**2,556,326**
Edina	2,100,722		25%	525,181		**525,181**	**1,575,541**
Elk River	1,409,938		25%	352,485		**352,485**	**1,057,453**
Fairmont	695,315		25%	173,829		**173,829**	**521,486**
Falcon Heights	181,377		35%	63,482		**63,482**	**117,895**
Faribault	1,147,278		25%	286,820		**286,820**	**860,458**
Farmington	877,605		25%	219,401		**219,401**	**658,204**
Fergus Falls	983,392		25%	245,848		**245,848**	**737,544**
Forest Lake	1,209,802		25%	302,451		**302,451**	**907,351**
Fridley	1,113,812		35%	389,834		**389,834**	**723,978**
Glencoe	295,509		Lump Sum	25,000		**25,000**	**270,509**
Golden Valley	1,028,218		25%	257,055	69,231	**326,286**	**701,932**
Grand Rapids	969,763		25%	242,441	79,587	**322,028**	**647,735**
Ham Lake	895,411		25%	223,853		**223,853**	**671,558**
Hastings	798,838		25%	199,710		**199,710**	**599,128**
Hermantown	645,711		Lump Sum	65,000		**65,000**	**580,711**
Hibbing	1,322,336		25%	330,584	70,612	**401,196**	**921,140**
Hopkins	683,026		25%	170,757		**170,757**	**512,269**
Hugo	689,844		25%	172,461		**172,461**	**517,383**
Hutchinson	704,067		$1500/improved mile	27,735		**27,735**	**676,332**
International Falls	278,807		$1500/improved mile	10,575		**10,575**	**268,232**
Inver Grove Heights	1,568,189		25%	392,047		**392,047**	**1,176,142**
Isanti	236,466		25%	59,117		**59,117**	**177,349**
Jordan	285,088		25%	71,272		**71,272**	**213,816**
Kasson	261,408		25%	65,352		**65,352**	**196,056**
LaCrescent	229,944		$1500/improved mile	8,760		**8,760**	**221,184**
Lake City	256,122		25%	64,031		**64,031**	**192,091**
Lake Elmo	493,730		25%	123,433	2,100	**125,533**	**368,197**
Lakeville	2,639,749		Lump Sum	120,000	350,455	**470,455**	**2,169,294**
Lino Lakes	1,014,091		25%	253,523		**253,523**	**760,568**
Litchfield	355,326		25%	88,832		**88,832**	**266,494**
Little Canada	447,797		25%	111,949		**111,949**	**335,848**
Little Falls	609,738		$1500/improved mile	32,175		**32,175**	**577,563**
Mahtomedi	307,562		25%	76,891		**76,891**	**230,671**
Mankato	1,957,105		25%	489,276		**489,276**	**1,467,829**
Maple Grove	2,912,176		25%	728,044		**728,044**	**2,184,132**
Maplewood	1,804,065		Lump Sum	275,000	139,875	**414,875**	**1,389,190**

MUNICIPALITY	TOTAL APPORTIONMENT	* TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE ALLOTMENT	GENERAL MAINTENANCE ALLOTMENT	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE ALLOTMENT	TOTAL MAINTENANCE ALLOTMENT	CONSTRUCTION ALLOTMENT
Marshall	$726,476		$1500/improved mile	$27,030		**$27,030**	**$699,446**
Medina	272,258		25%	68,065		**68,065**	**204,193**
Mendota Heights	567,746		25%	141,937		**141,937**	**425,809**
Minneapolis	15,956,015		35%	5,584,605		**5,584,605**	**10,371,410**
Minnetonka	2,343,587		$1500/improved mile	76,740	$48,994	**125,734**	**2,217,853**
Minnetrista	418,680		25%	104,670		**104,670**	**314,010**
Montevideo	283,474		$1500/improved mile	13,245		**13,245**	**270,229**
Monticello	527,592		25%	131,898		**131,898**	**395,694**
Moorhead	2,321,149		25%	580,287		**580,287**	**1,740,862**
Morris	290,587		25%	72,647		**72,647**	**217,940**
Mound	407,892		25%	101,973		**101,973**	**305,919**
Mounds View	486,565		25%	121,641		**121,641**	**364,924**
New Brighton	817,463		25%	204,366		**204,366**	**613,097**
New Hope	765,696		25%	191,424		**191,424**	**574,272**
New Prague	293,383		25%	73,346		**73,346**	**220,037**
New Ulm	741,769		$1500/improved mile	26,520		**26,520**	**715,249**
North Branch	808,101		25%	202,025	8,466	**210,491**	**597,610**
North Mankato	681,338		25%	170,335	78,425	**248,760**	**432,578**
North St. Paul	527,105		25%	131,776		**131,776**	**395,329**
Northfield	814,965		25%	203,741		**203,741**	**611,224**
Oak Grove	658,389		25%	164,597		**164,597**	**493,792**
Oakdale	931,377		25%	232,844		**232,844**	**698,533**
Orono	346,595		25%	86,649	39,437	**126,086**	**220,509**
Otsego	747,570		25%	186,893		**186,893**	**560,677**
Owatonna	1,362,679		$1500/improved mile	51,960		**51,960**	**1,310,719**
Plymouth	3,173,279		25%	793,320		**793,320**	**2,379,959**
Prior Lake	929,179		35%	325,213		**325,213**	**603,966**
Ramsey	1,206,442		35%	422,255	58,790	**481,045**	**725,397**
Red Wing	945,816		35%	331,036		**331,036**	**614,780**
Redwood Falls	302,351		25%	75,588		**75,588**	**226,763**
Richfield	1,543,025		Lump Sum	315,000		**315,000**	**1,228,025**
Robbinsdale	545,320		$1500/improved mile	15,075		**15,075**	**530,245**
Rochester	5,398,079		Lump Sum	900,000		**900,000**	**4,498,079**
Rogers	690,093		25%	172,523		**172,523**	**517,570**
Rosemount	1,130,301		$1500/improved mile	41,235		**41,235**	**1,089,066**
Roseville	1,342,878		25%	335,720		**335,720**	**1,007,158**
Sartell	781,331		$1500/improved mile	27,585	8,150	**35,735**	**745,596**
Sauk Rapids	630,713		$1500/improved mile	21,315		**21,315**	**609,398**
Savage	1,144,931		$1500/improved mile	37,125	1,350	**38,475**	**1,106,456**

MUNICIPALITY	TOTAL APPORTIONMENT	* TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE ALLOTMENT	GENERAL MAINTENANCE ALLOTMENT	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE ALLOTMENT	TOTAL MAINTENANCE ALLOTMENT	CONSTRUCTION ALLOTMENT
Shakopee	$1,582,932		35%	$554,026		**$554,026**	**$1,028,906**
Shoreview	966,807		25%	241,702		**241,702**	**725,105**
Shorewood	352,087		25%	88,022		**88,022**	**264,065**
South St. Paul	804,118		25%	201,030		**201,030**	**603,088**
Spring Lake Park	234,836		25%	58,709		**58,709**	**176,127**
St. Anthony	351,001		25%	87,750		**87,750**	**263,251**
St. Cloud	3,196,824		25%	799,206		**799,206**	**2,397,618**
St. Francis	482,177		25%	120,544		**120,544**	**361,633**
St. Joseph	198,384		25%	49,596		**49,596**	**148,788**
St. Louis Park	1,887,529		35%	660,635		**660,635**	**1,226,894**
St. Michael	981,687		25%	245,422		**245,422**	**736,265**
St. Paul	12,324,149		Lump Sum	3,644,187		**3,644,187**	**8,679,962**
St. Paul Park	235,957		25%	58,989		**58,989**	**176,968**
St. Peter	630,093		$1500/improved mile	22,680	106,062	**128,742**	**501,351**
Stewartville	219,384		25%	54,846		**54,846**	**164,538**
Stillwater	805,081		25%	201,270		**201,270**	**603,811**
Thief River Falls	713,917		25%	178,479	17,284	**195,763**	**518,154**
Vadnais Heights	444,107		35%	155,437		**155,437**	**288,670**
Victoria	303,350		25%	75,838		**75,838**	**227,512**
Virginia	536,174		25%	134,044		**134,044**	**402,130**
Waconia	492,030		$1500/improved mile	18,345		**18,345**	**473,685**
Waite Park	306,836		$1500/improved mile	9,810		**9,810**	**297,026**
Waseca	373,849		25%	93,462		**93,462**	**280,387**
West St. Paul	690,163		25%	172,541		**172,541**	**517,622**
White Bear Lake	878,770		25%	219,693		**219,693**	**659,077**
Willmar	1,127,021		25%	281,755		**281,755**	**845,266**
Winona	1,160,298		25%	290,075		**290,075**	**870,223**
Woodbury	2,919,426		25%	729,857		**729,857**	**2,189,569**
Worthington	531,192		Lump Sum	100,000		**100,000**	**431,192**
Wyoming	459,504		$1500/improved mile	23,550		**23,550**	**435,954**
Zimmerman	232,672		$1500/improved mile	8,385		**8,385**	**224,287**
TOTAL	**$173,612,036**	**$0**		**$39,770,623**	**$1,457,903**	**$41,228,526**	**$132,383,510**

GENERAL MAINTENANCE ALLOTMENT OPTIONS:

26 Cities requested $1,500 per Improved Mile
95 Cities requested 25% of Total Allotment MINUS THTB Maintenance Allowance
13 Cities requested 35% of Total Allotment MINUS THTB Miantenance Allowance (WILL require a Maintenance Expenditure Report)
14 Cities requested a Lump Sum amount > $1,500/ Improved Mile and < 35% of Total Allotment (MAY require a Maintenance Expenditure Report)

TOTAL MAINTENANCE ALLOTMENT:

The General Maintenance Allotment Option selected by the city, plus THTB Maintenance Allowance and bond interest due, if any

**** NOTE: There are no Trunk Highway Turnbacks eligible for Turnback Maintenance this year.***

MAINTENANCE ALLOCATION REVISIONS RECEIVED IN 2015
For the 2016 Allocation

	City	2015 Maintenance Allocation	2016 Maintenance Allocation	2015 Maintenance Allocation	2016 Maintenance Allocation	Difference
1	Brooklyn Center	Lump Sum Amount	Lump Sum Amount	$110,000	$120,000	$10,000
2	Byron	$1500 per improved mile	25% of Total Allotment	7,965	53,119	45,154
3	Glencoe	25% of Total Allotment	Lump Sum amount	75,192	25,000	(50,192)
4	Hastings	35% of Total Allotment	25% of Total Allotment	269,631	199,710	(69,921)
5	Kasson	$1500 per improved mile	25% of Total Allotment	8,580	65,352	56,772
6	St. Paul	Lump Sum Amount	Lump Sum Amount	3,198,568	3,644,187	445,619
7	Worthington	25% of Total Allotment	Lump Sum Amount	129,836	100,000	(29,836)
			TOTAL	**$3,799,772**	**$4,207,368**	**$407,596**

Type of Maintenance Allocation	Number of Cities
35% =	**13**
25% =	**95**
$1500 per Improved Mile =	**26**
Lump Sum =	**14**
TOTAL	**148**

2015 IMPROVED MILEAGE RECORD

(MILEAGE USED FOR MINIMUM MAINTENANCE ALLOCATION)

used for the January 2016 allocation

* Trunk Highway Turnback mileage that receives a separate maintenance allowance is not included in the city's total improved mileage.

MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE	MUNICIPALITY	IMPROVED MILEAGE
Albert Lea	24.31	Duluth	116.71	Mahtomedi	9.53	Rogers	20.58
Albertville	7.15	Eagan	47.87	Mankato	38.57	Rosemount	27.49
Alexandria	33.29	East Bethel	23.93	Maple Grove	49.04	Roseville	27.55
Andover	31.83	East Grand Forks	16.99	Maplewood	36.68	Sartell	18.39
Anoka	15.42	Eden Prairie	48.54	Marshall	18.02	Sauk Rapids	14.21
Apple Valley	34.31	Edina	40.85	Medina	11.41	Savage	24.75
Arden Hills	6.92	Elk River	36.94	Mendota Heights	14.57	Shakopee	35.86
Austin	29.88	Fairmont	20.01	Minneapolis	203.64	Shoreview	18.58
Baxter	16.15	Falcon Heights	3.29	Minnetonka	51.16	Shorewood	9.20
Belle Plaine	7.90	Faribault	24.07	Minnetrista	12.98	South St. Paul	17.46
Bemidji	17.85	Farmington	12.66	Montevideo	8.83	Spring Lake Park	5.82
Big Lake	11.48	Fergus Falls	26.18	Monticello	11.97	St. Anthony	5.95
Blaine	43.78	Forest Lake	32.97	Moorhead	47.38	St. Cloud	57.65
Bloomington	76.12	Fridley	22.89	Morris	9.09	St. Francis	13.27
Brainerd	18.33	Glencoe	8.25	Mound	7.71	St. Joseph	5.03
Brooklyn Center	21.34	Golden Valley	23.74	Mounds View	10.86	St. Louis Park	32.86
Brooklyn Park	58.94	Grand Rapids	25.04	New Brighton	12.83	St. Michael	22.63
Buffalo	17.03	Ham Lake	24.22	New Hope	12.86	St. Paul	161.26
Burnsville	44.77	Hastings	22.45	New Prague	7.34	St. Paul Park	6.06
Byron	5.47	Hermantown	18.57	New Ulm	17.68	St. Peter	15.12
Cambridge	16.12	Hibbing	53.38	North Branch	27.18	Stewartville	4.49
Champlin	19.62	Hopkins	9.92	North Mankato	15.77	Stillwater	17.73
Chanhassen	22.35	Hugo	20.96	North St. Paul	11.22	Thief River Falls	16.08
Chaska	19.71	Hutchinson	18.49	Northfield	16.53	Vadnais Heights	8.60
Chisago City	8.10	International Falls	7.05	Oak Grove	23.32	Victoria	6.11
Chisholm	8.41	Inver Grove Heights	33.64	Oakdale	19.39	Virginia	15.63
Circle Pines	3.24	Isanti	6.83	Orono	9.45	Waconia	12.23
Cloquet	22.08	Jordan	6.07	Otsego	20.74	Waite Park	6.54
Columbia Heights	12.50	Kasson	5.72	Owatonna	34.64	Waseca	7.71
Coon Rapids	43.23	LaCrescent	5.84	Plymouth	62.08	West St. Paul	13.58
Corcoran	15.08	Lake City	8.39	Prior Lake	17.48	White Bear Lake	20.95
Cottage Grove	28.83	Lake Elmo	16.30	Ramsey	32.36	Willmar	27.87
Crookston	11.58	Lakeville	59.23	Red Wing	24.26	Winona	21.26
Crystal	17.47	Lino Lakes	19.88	Redwood Falls	9.93	Woodbury	52.71
Dayton	8.44	Litchfield	8.77	Richfield	24.67	Worthington	11.34
Delano	6.21	Little Canada	11.35	Robbinsdale	10.05	Wyoming	15.70
Detroit Lakes	24.52	Little Falls	21.45	Rochester	98.25	Zimmerman	5.59
						TOTAL	**3572.51**

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CERTIFICATION OF MSAS SYSTEM AS COMPLETE

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

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

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

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

> Determine what percentage the population allocation is of the total allocation. This percent is then multiplied times the construction allotment. This is the amount of the construction allotment that is generated by the population allocation. Only its construction allotment is used because the city has already received its maintenance allotment.
>
> Population Allocation / Total Allocation * Construction Allotment = Local Amount Available.

LOCAL AMOUNT AVAILABLE AFTER JANUARY 2016 ALLOCATION

Prepared for the January 2016 booklet

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

	Fridley	Columbia Hgts	Falcon Hgts	South St. Paul	Crookston
Total Construction Allotment received in January 2016	**$723,978**	**$480,148**	**$117,895**	**$603,088**	**$418,106**
Amount of 2016 Construction Allotment based on Population	**410,642**	**289,543**	**79,302**	**341,733**	**133,948**
Local Unencumbered Amount Remaining from 2015	**379,529**	**640,290**	**382,940**	**1,315,800**	**133,975**
Maximum Local Unemcumbered Amount Available after January 2016 Allocation	**$790,171**	**$929,833**	**$462,242**	**$1,657,533**	**$267,923**

This is the amount available to spend on city streets after the 2016 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, then select SAAS Status and then select your city and the Reporting Year/Month. The report numbered 90p - Muni Const Pop is the amount available for local projects.

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CERTIFIED COMPLETE CITY GRAPH

Graph Example:

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

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

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

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

Reference Materials

MSAS MILEAGE, NEEDS, AND APPORTIONMENT 1958 to 2016

Appt. Year	Number of of Munici-palities	Needs Mileage	Actual Construc-tion Needs	Total Apportion-ment	Adjusted Construc-tion Needs	Total Apportion-ment Per Needs Mileage	Apportion-ment 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
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

Appt. Year	Number of of Munici-palities	Needs Mileage	Actual Construc-tion Needs	Total Apportion-ment	Adjusted Construc-tion Needs	Total Apportion-ment Per Needs Mileage	Apportion-ment Per $1000 of Adjusted Needs
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

*** This amount reflects the new Adjusted Restricted Construction Needs dollars.**
** 2013 and 2014 are the same because the needs were frozen in 2013.

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YEARLY APPORTIONMENT COMPARISONS

Apportionment Year	Population	Population Apportionment per Capita	Percent Increase From 1958	Construction Needs Apportionment per $1000 of Adjusted Const. Needs	Percent Increase From 1958
1958	1,528,861	$2.38		$19.14	
1959	1,534,587	2.64	10.9%	20.71	8.2%
1960	1,534,587	2.73	14.7%	21.14	10.5%
1961	1,920,742	2.39	0.4%	19.64	2.6%
1962	1,920,742	2.35	-1.3%	20.02	4.6%
1963	1,920,742	2.46	3.4%	21.21	10.9%
1964	1,920,742	2.46	3.4%	24.76	29.4%
1965	1,920,742	2.96	24.4%	25.71	34.3%
1966	1,951,085	2.99	25.6%	26.63	39.2%
1967	1,951,448	3.19	34.0%	29.10	52.1%
1968	2,139,734	3.34	40.3%	33.20	73.5%
1969	2,153,747	3.51	47.5%	35.87	87.4%
1970	2,153,747	3.83	60.9%	39.96	108.8%
1971	2,286,488	3.96	66.4%	44.27	131.3%
1972	2,304,433	3.98	67.2%	42.21	120.6%
1973	2,327,882	4.00	68.1%	30.17	57.7%
1974	2,333,683	4.65	95.4%	33.76	76.4%
1975	2,361,895	4.83	102.9%	27.28	42.6%
1976	2,386,993	4.77	100.4%	25.67	34.1%
1977	2,391,494	5.77	142.4%	28.54	49.1%
1978	2,421,215	5.75	141.6%	28.38	48.3%
1979	2,436,708	6.32	165.5%	29.42	53.7%
1980	2,447,492	6.94	191.6%	27.86	45.6%
1981	2,465,725	7.25	204.6%	25.54	33.5%
1982	2,450,066	8.51	257.6%	30.30	58.3%
1983	2,455,653	9.41	295.4%	36.55	91.0%
1984	2,455,813	9.97	318.9%	39.70	107.5%
1985	2,461,133	11.52	384.0%	48.20	151.9%
1986	2,493,667	11.84	397.5%	54.30	183.8%
1987	2,516,111	10.55	343.3%	48.97	155.9%
1988	2,523,928	11.57	386.1%	55.06	187.7%
1989	2,535,147	15.09	534.0%	64.98	239.6%
1990	2,558,117	15.93	569.3%	41.99	119.4%
1991	2,564,600	15.55	553.4%	32.11	67.8%
1992	2,808,378	14.44	506.7%	30.41	58.9%
1993	2,808,763	14.77	520.6%	29.89	56.2%
1994	2,821,276	14.32	501.7%	26.83	40.2%
1995	2,835,597	14.40	505.0%	26.46	38.3%
* 1996	2,975,653	15.25	540.8%	27.63	44.4%
1997	3,028,637	14.96	528.6%	25.91	35.4%
1998	3,081,724	15.22	539.5%	26.73	39.7%
1999	3,125,088	15.59	555.0%	24.47	27.9%

Apportionment Year	Population	Population Apportionment per Capita	Percent Increase From 1958	Construction Needs Apportionment per $1000 of Adjusted Const. Needs	Percent Increase From 1958
2000	3,165,010	$16.30	584.9%	$24.64	28.8%
2001	3,226,506	16.82	606.7%	24.26	26.8%
2002	3,284,738	17.72	644.5%	23.77	24.2%
2003	3,331,862	16.38	588.2%	20.39	6.6%
2004	3,385,278	16.36	587.4%	19.08	-0.3%
2005	3,443,134	16.24	582.3%	18.07	-5.6%
2006	3,495,540	15.95	570.2%	16.57	-13.4%
2007	3,568,838	16.03	573.5%	15.19	-20.6%
2008	3,598,283	15.90	568.1%	14.29	-25.3%
2009	3,640,325	16.72	602.5%	13.91	-27.3%
2010	3,668,921	17.35	629.0%	13.36	-30.2%
2011	3,698,643	18.80	689.9%	13.75	-28.1%
2012	3,660,843	19.76	730.3%	13.72	-28.3%
2013	3,690,591	19.98	739.5%	13.18	-31.1%
2014	3,753,499	20.60	765.5%	13.74	-28.2%
2015	3,805,152	22.43	842.4%	13.25	-30.8%
2016	3,840,729	22.60	849.6%	12.15	-36.5%

* Used estimate and census beginning in 1996.

2015 TOTAL NEEDS MILES

For the January 2016 Allocation

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Municipality	2014	2015	INCREASE (DECREASE)
ALBERT LEA	24.31	24.31	0.00
ALBERTVILLE	7.15	7.15	0.00
ALEXANDRIA	32.95	33.29	0.34
ANDOVER	42.75	42.75	0.00
ANOKA	14.73	15.42	0.69
APPLE VALLEY	37.31	37.31	0.00
ARDEN HILLS	7.53	7.53	0.00
AUSTIN	30.21	30.21	0.00
BAXTER	17.05	17.05	0.00
BELLE PLAINE	8.68	8.68	0.00
BEMIDJI	17.85	17.85	0.00
BIG LAKE	11.48	11.48	0.00
BLAINE	48.67	49.68	1.01
BLOOMINGTON	75.75	76.12	0.37
BRAINERD	19.16	19.16	0.00
BROOKLYN CENTER	21.34	21.34	0.00
BROOKLYN PARK	59.47	60.14	0.67
BUFFALO	17.17	17.17	0.00
BURNSVILLE	45.11	44.77	(0.34)
BYRON	5.31	5.47	0.16
CAMBRIDGE	16.37	16.37	0.00
CHAMPLIN	19.92	19.92	0.00
CHANHASSEN	22.76	22.76	0.00
CHASKA	20.96	20.95	(0.01)
CHISAGO CITY	8.10	8.10	0.00
CHISHOLM	8.39	8.41	0.02
CIRCLE PINES	3.60	3.60	0.00
CLOQUET	22.20	22.20	0.00
COLUMBIA HEIGHTS	12.50	12.50	0.00
COON RAPIDS	43.23	43.23	0.00
CORCORAN	15.53	15.53	0.00
COTTAGE GROVE	35.31	35.31	0.00
CROOKSTON	11.58	11.58	0.00
CRYSTAL	17.79	17.47	(0.32)
DAYTON	9.72	9.72	0.00
DELANO	6.21	6.21	0.00
DETROIT LAKES	24.52	24.52	0.00
DULUTH	116.51	116.71	0.20
EAGAN	48.32	48.92	0.60
EAST BETHEL	28.78	28.53	(0.25)
EAST GRAND FORKS	17.08	16.99	(0.09)
EDEN PRAIRIE	47.08	48.54	1.46
EDINA	40.27	40.85	0.58
ELK RIVER	38.27	38.27	0.00
FAIRMONT	20.12	20.12	0.00
FALCON HEIGHTS	3.29	3.29	0.00
FARIBAULT	24.05	24.07	0.02
FARMINGTON	16.24	16.69	0.45
FERGUS FALLS	25.76	26.18	0.42
FOREST LAKE	33.83	33.83	0.00
FRIDLEY	22.87	22.89	0.02
GLENCOE	8.39	8.39	0.00
GOLDEN VALLEY	23.90	23.74	(0.16)
GRAND RAPIDS	25.74	25.68	(0.06)
HAM LAKE	33.49	33.55	0.06
HASTINGS	21.25	22.45	1.20
HERMANTOWN	18.65	18.65	0.00
HIBBING	54.07	54.07	0.00
HOPKINS	9.99	9.99	0.00
HUGO	20.70	21.19	0.49
HUTCHINSON	18.49	18.49	0.00

Municipality	2014	2015	INCREASE (DECREASE)
INTERNATIONAL FALLS	7.12	7.12	0.00
INVER GROVE HEIGHTS	33.64	33.64	0.00
ISANTI	6.89	6.89	0.00
JORDAN	6.09	6.09	0.00
KASSON	6.20	6.20	0.00
LA CRESCENT	5.84	5.84	0.00
LAKE CITY	8.39	8.39	0.00
LAKE ELMO	16.30	16.30	0.00
LAKEVILLE	63.01	63.01	0.00
LINO LAKES	23.71	23.71	0.00
LITCHFIELD	8.77	8.77	0.00
LITTLE CANADA	11.35	11.35	0.00
LITTLE FALLS	21.75	21.75	0.00
MAHTOMEDI	9.53	9.53	0.00
MANKATO	37.90	38.18	0.28
MAPLE GROVE	57.01	56.86	(0.15)
MAPLEWOOD	36.68	36.68	0.00
MARSHALL	18.78	18.78	0.00
MEDINA	12.36	12.41	0.05
MENDOTA HEIGHTS	14.57	14.57	0.00
MINNEAPOLIS	206.66	206.66	0.00
MINNETONKA	51.10	51.16	0.06
MINNETRISTA	12.98	12.98	0.00
MONTEVIDEO	8.83	8.83	0.00
MONTICELLO	12.19	12.19	0.00
MOORHEAD	45.72	45.78	0.06
MORRIS	9.09	9.09	0.00
MOUND	7.94	7.94	0.00
MOUNDS VIEW	12.43	10.86	(1.57)
NEW BRIGHTON	15.22	15.22	0.00
NEW HOPE	12.86	12.86	0.00
NEW PRAGUE	7.76	7.74	(0.02)
NEW ULM	17.68	17.68	0.00
NORTH BRANCH	27.81	27.81	0.00
NORTH MANKATO	15.77	15.77	0.00
NORTH ST PAUL	11.34	11.34	0.00
NORTHFIELD	17.06	17.06	0.00
OAK GROVE	26.15	25.73	(0.42)
OAKDALE	19.39	19.39	0.00
ORONO	9.45	9.45	0.00
OTSEGO	22.47	22.47	0.00
OWATONNA	34.26	34.64	0.38
PLYMOUTH	60.81	62.81	2.00
PRIOR LAKE	20.44	20.44	0.00
RAMSEY	37.86	37.86	0.00
RED WING	24.87	24.87	0.00
REDWOOD FALLS	10.52	10.52	0.00
RICHFIELD	24.58	24.67	0.09
ROBBINSDALE	10.05	10.05	0.00
ROCHESTER	101.45	101.45	0.00
ROGERS	21.15	21.15	0.00
ROSEMOUNT	28.31	28.31	0.00
ROSEVILLE	29.12	29.12	0.00
ST ANTHONY	5.95	5.95	0.00
ST CLOUD	64.30	64.30	0.00
ST FRANCIS	13.35	13.45	0.10
ST JOSEPH	5.53	5.53	0.00
ST LOUIS PARK	31.92	33.02	1.10
ST MICHAEL	22.56	22.63	0.07
ST PAUL	164.73	164.73	0.00
ST PAUL PARK	6.06	6.06	0.00

2015 TOTAL NEEDS MILES

For the January 2016 Allocation

Municipality	2014	2015	INCREASE (DECREASE)
ST PETER	15.78	15.42	(0.36)
SARTELL	19.12	18.39	(0.73)
SAUK RAPIDS	14.21	14.21	0.00
SAVAGE	27.07	27.24	0.17
SHAKOPEE	37.49	37.49	0.00
SHOREVIEW	19.69	19.69	0.00
SHOREWOOD	9.20	9.20	0.00
SOUTH ST PAUL	17.46	17.46	0.00
SPRING LAKE PARK	5.82	5.82	0.00
STEWARTVILLE	4.71	4.71	0.00
STILLWATER	18.25	18.25	0.00
THIEF RIVER FALLS	16.15	16.21	0.06
VADNAIS HEIGHTS	9.17	9.17	0.00

Municipality	2014	2015	INCREASE (DECREASE)
VICTORIA	7.43	7.43	0.00
VIRGINIA	17.14	17.14	0.00
WACONIA	10.74	12.32	1.58
WAITE PARK	6.54	7.02	0.48
WASECA	7.71	7.71	0.00
WEST ST PAUL	13.58	13.58	0.00
WHITE BEAR LAKE	21.02	21.02	0.00
WILLMAR	27.87	27.87	0.00
WINONA	21.76	21.76	0.00
WOODBURY	55.40	55.40	0.00
WORTHINGTON	11.34	11.34	0.00
WYOMING	15.92	15.92	0.00
ZIMMERMAN	6.50	6.50	0.00
TOTAL	**3,690.49**	**3,701.25**	**10.76**

RELATIONSHIP OF CONSTRUCTION BALANCE TO CONSTRUCTION ALLOTMENT

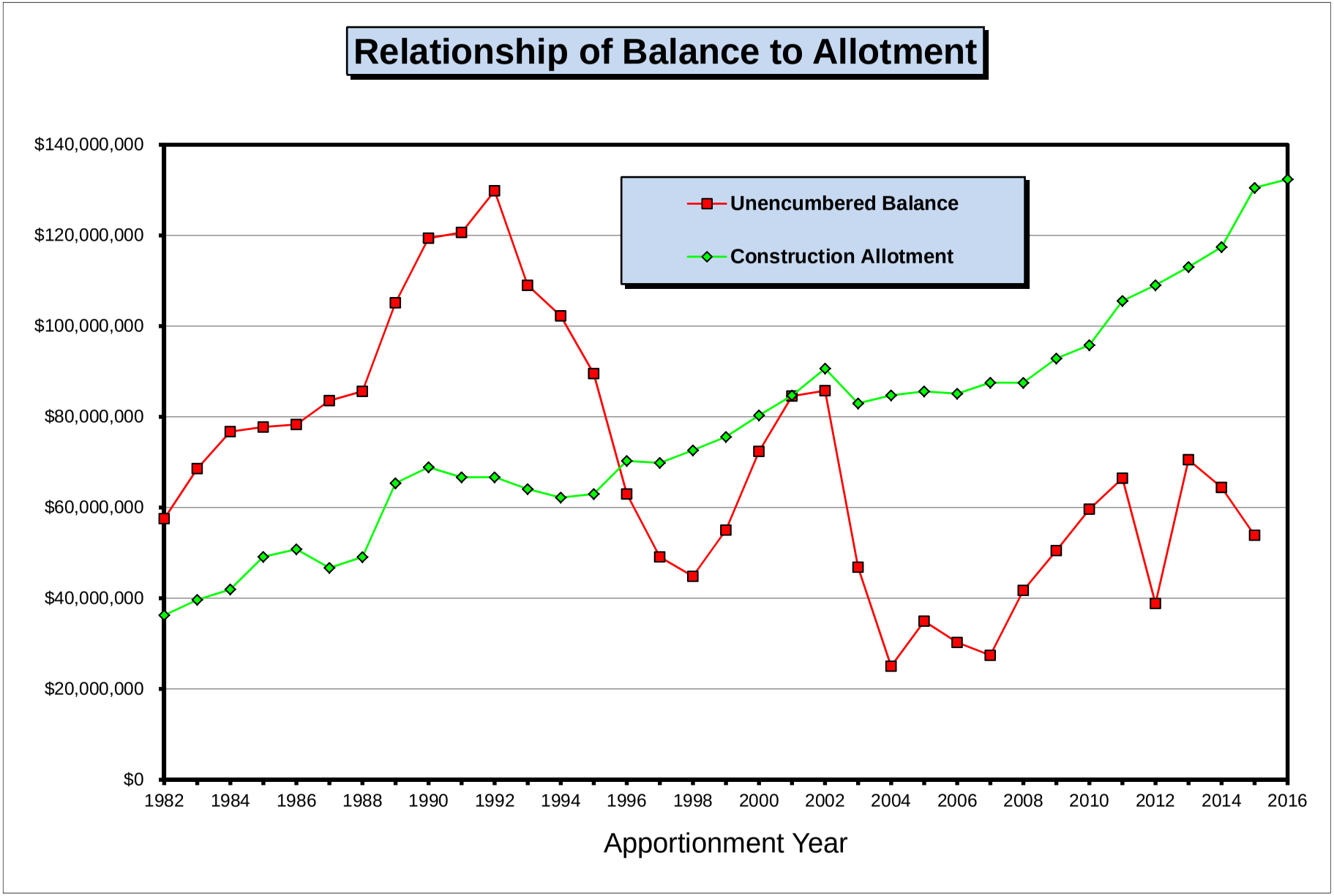
The amount spent on construction projects is computed by the difference between the previous year's and current years unencumbered construction balances plus the current years construction apportionment.

27-Jan-16

App. Year		No. of Cities	Needs Mileage	January Construction Allotment	31-Dec Unencumbered Construction Balance	Amount Spent on Construction Projects	Ratio of Construction Balance to Construction Allotment	Ratio of Amount spent to Amount Received
1976		101	1718.92	$18,971,282	$37,478,614	$14,732,508	1.9755	0.7766
1977		101	1748.55	23,350,429	43,817,240	17,011,803	1.8765	0.7285
1978		104	1807.94	23,517,393	45,254,560	22,080,073	1.9243	0.9389
1979		106	1853.71	26,196,935	48,960,135	22,491,360	1.8689	0.8585
1980		106	1889.03	29,082,865	51,499,922	26,543,078	1.7708	0.9127
1981		106	1933.64	30,160,696	55,191,785	26,468,833	1.8299	0.8776
1982		105	1976.17	36,255,443	57,550,334	33,896,894	1.5874	0.9349
1983		106	2022.37	39,660,963	68,596,586	28,614,711	1.7296	0.7215
1984		106	2047.23	41,962,145	76,739,685	33,819,046	1.8288	0.8059
1985		107	2110.52	49,151,218	77,761,378	48,129,525	1.5821	0.9792
1986		107	2139.42	50,809,002	78,311,767	50,258,613	1.5413	0.9892
1987	*	107	2148.07	46,716,190	83,574,312	41,453,645	1.7890	0.8874
1988		108	2171.89	49,093,724	85,635,991	47,032,045	1.7443	0.9580
1989		109	2205.05	65,374,509	105,147,959	45,862,541	1.6084	0.7015
1990		112	2265.64	68,906,409	119,384,013	54,670,355	1.7326	0.7934
1991		113	2330.30	66,677,426	120,663,647	65,397,792	1.8097	0.9808
1992		116	2376.79	66,694,378	129,836,670	57,521,355	1.9467	0.8625
1993		116	2410.53	64,077,980	109,010,201	84,904,449	1.7012	1.3250
1994		117	2471.04	62,220,930	102,263,355	68,967,776	1.6436	1.1084
1995		118	2526.39	62,994,481	89,545,533	75,712,303	1.4215	1.2019
1996		119	2614.71	70,289,831	62,993,508	96,841,856	0.8962	1.3778
1997	**	122	2740.46	69,856,915	49,110,546	83,739,877	0.7030	1.1987
1998		125	2815.99	72,626,164	44,845,521	76,891,189	0.6175	1.0587
1999		126	2859.05	75,595,243	55,028,453	65,412,311	0.7279	0.8653
2000		127	2910.87	80,334,284	72,385,813	62,976,924	0.9011	0.7839
2001		129	2972.16	84,711,549	84,583,631	72,513,731	0.9985	0.8560
2002		130	3020.39	90,646,885	85,771,900	89,458,616	0.9462	0.9869
2003		131	3080.67	82,974,496	46,835,689	121,910,707	0.5645	1.4693
2004		133	3116.44	84,740,941	25,009,033	106,567,597	0.2951	1.2576
2005		136	3190.82	85,619,350	34,947,345	75,681,038	0.4082	0.8839
2006		138	3291.64	85,116,889	30,263,685	89,800,549	0.3556	1.0550
2007		142	3382.28	87,542,451	27,429,964	90,376,172	0.3133	1.0324
2008		143	3453.10	87,513,283	41,732,629	73,210,618	0.4769	0.8366
2009		144	3504.00	92,877,123	50,501,664	84,108,088	0.5437	0.9056
2010		144	3533.22	95,853,558	59,633,260	86,721,962	0.6221	0.9047
2011		147	3583.87	105,569,277	66,466,715	98,735,822	0.6296	0.9353
2012		142	3572.73	109,036,501	38,840,852	136,662,364	0.3562	1.2534
2013		147	3597.10	113,045,747	70,546,089	81,340,510	0.6240	0.7195
2014		147	3597.10	117,434,033	64,434,354	123,545,768	0.5487	1.0520
2015		148	3690.49	130,500,831	53,878,533	141,056,652	0.4129	1.0809
2016		148	3701.25	132,383,510				

* The date for the unencumbered balance deduction was changed from June 30 to September 1.
Effective September 1,1986.

** The date for the unencumbered balance deduction was changed from September 1 to December 31.
Effective December 31,1996.



JANUARY 2016 BOOK/CONSTRUCTION BALANCE TO ALLOTMENT GRAPH.XLS

COUNTY HIGHWAY TURNBACK POLICY

Definitions:

County Highway – Either a County State Aid Highway or a County Road

County Highway Turnback- A CSAH or a County Road which has been released by the county and designated as an MSAS roadway. A designation request must be approved and a Commissioner's Order written. A County Highway Turnback may be either County Road (CR) Turnback or a County State Aid (CSAH) Turnback. (See Minnesota Statute 162.09 Subdivision 1). A County Highway Turnback designation has to stay with the County Highway turned back and is not transferable to any other roadways.

Basic Mileage- Total improved mileage of local streets, county roads and county road turnbacks. Frontage roads which are not designated trunk highway, trunk highway turnback or on the County State Aid Highway System shall be considered in the computation of the basic street mileage. A city is allowed to designate 20% of this mileage as MSAS. (See Screening Board Resolutions in the back of the most current booklet).

MILEAGE CONSIDERATIONS

County State Aid Highway Turnbacks

A CSAH Turnback **is not** included in a city's basic mileage, which means it **is not** included in the computation for a city's 20% allowable mileage. However, a city may draw Construction Needs and generate allocation on 100% of the length of the CSAH Turnback

County Road Turnbacks

A County Road Turnback **is** included in a city's basic mileage, so it **is** included in the computation for a city's 20% allowable mileage. A city may also draw Construction Needs and generate allocation on 100% of the length of the County Road Turnback.

Jurisdictional Exchanges

County Road for MSAS

Only the **extra** mileage a city receives in an exchange between a County Road and an MSAS route **will be** considered as a County Road Turnback.

If the mileage of a jurisdictional exchange is **even**, the County Road **will not be** considered as a County Road Turnback.

If a city receives **less** mileage in a jurisdictional exchange, the County Road **will not be** considered as a County Road Turnback.

CSAH for MSAS

Only the **extra** mileage a city receives in an exchange between a CSAH and an MSAS route **will be** considered as a CSAH Turnback.

If the mileage of a jurisdictional exchange is **even**, the CSAH **will not be** considered as a CSAH Turnback.

If a city receives **less** mileage in a jurisdictional exchange, the CSAH **will not be** considered as a CSAH Turnback

NOTE:
When a city receives **less** mileage in a CSAH exchange it will have less mileage to designate within its 20% mileage limitation and may have to revoke mileage the following year when it computes its allowable mileage.
Explanation: After this exchange is completed, a city will have more CSAH mileage and less MSAS mileage than before the exchange. The new CSAH mileage was included in the city's basic mileage when it was MSAS (before the exchange) but is not included when it is CSAH (after the exchange). So, after the jurisdictional exchange the city will have less basic mileage and 20% of that mileage will be a smaller number.
If a city has more mileage designated than the new, lower 20% allowable mileage, the city will be over designated and be required to revoke some mileage. **If a revocation is necessary, it will not have to be done until the following year after a city computes its new allowable mileage.**

MSAS designation on a County Road

County Roads can be designated as MSAS. If a County Road which is designated as MSAS is turned back to the city, it will not be considered as County Road Turnback.

MISCELLANEOUS

A CSAH which was previously designated as Trunk Highway turnback on the CSAH system and is turned back to the city will lose all status as a TH turnback and only be considered as CSAH Turnback.

A city that had previously been over 5,000 population, lost its eligibility for an MSAS system and regained it shall revoke all streets designated as CSAH at the time of eligibility loss and consider them for MSAS designation. These roads will not be eligible for consideration as CSAH turnback designation.

In a city that becomes eligible for MSAS designation for the first time all CSAH routes which serve only a municipal function and have both termini within or at the municipal boundary, should be revoked as CSAH and considered for MSAS designation. These roads will not be eligible for consideration as CSAH turnbacks.

For MSAS purposes, a County or CSAH that has been released to a city cannot be local road for more than two years and still be considered a turnback.

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

January 2016

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

BE IT RESOLVED:

ADMINISTRATION

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

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

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

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

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

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

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

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

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

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

Screening Board Meeting Dates and Locations - June 1996

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

Research Account - Oct. 1961

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

Population Apportionment - October 1994, 1996

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

Improper Needs Report - Oct. 1961

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

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

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

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

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

population portion of its Construction Allotment.

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

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

Construction Needs Components – May 2014

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

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

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

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

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

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

MSAS URBAN ADT GROUPS FOR NEEDS PURPOSES

Quantities Based on a One Mile Section

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

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

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

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

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

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

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

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

2015 UNIT PRICE RECOMMENDATIONS

for the January 2016 distribution

Needs Item		Municipal Screening Board Approved Prices for the 2015 Distribution	Needs Study Subcommittee Recommended Prices for 2016 Distribution	Municipal Screening Board Approved Prices for the 2016 Distribution
Grading (Excavation)	Cu. Yd.	$7.00	**$7.50**	**$7.50**
Aggregate Base	Ton	11.25	**14.00**	**14.00**
All Bituminous	Ton	61.25	**65.50**	**65.50**
Sidewalk Construction	Sq. Ft.	3.50	**4.25**	**4.25**
Curb and Gutter Construction	Lin.Ft.	11.75	**13.75**	**13.75**
Street Lighting	Mile	100,000	**100,000**	**100,000**
Traffic Signals	Per Sig	205,000	**185,000**	**185,000**
Engineering	Percent	22	**22**	**22**
All Structures (includes both bridges and box culverts)	Sq. Ft.	72.00	**96.50**	**96.50**
Storm Sewer (based on ADT)	Per Mile			
0 ADT & Non Existing		148,100	**150,900**	**150,900**
1-499		150,900	**153,800**	**153,800**
500-1,999		159,400	**162,400**	**162,400**
2,000-4,999		167,800	**171,000**	**171,000**
5,000-8,999		179,100	**182,500**	**182,500**
9,000-13,999		187,500	**191,100**	**191,100**
14,000-24,999		198,700	**202,500**	**202,500**
25,000 and over		210,000	**214,000**	**214,000**

Mileage - Feb. 1959 (Revised Oct. 1994. 1998)

The maximum mileage for Municipal State Aid Street designation will be 20 percent of the municipality's basic mileage - which is comprised of the total improved mileage of local streets, county roads and county road turnbacks.

Nov. 1965 – (Revised 1969, October 1993, October 1994, June 1996, October 1998, May 2014)

That the maximum mileage for State Aid designation may be exceeded to designate trunk highway turnbacks released to the Municipality after July 1, 1965.
The maximum mileage for State Aid designation may also be exceeded to designate both County Road and County State Aid Highways released to the Municipality after May 11th, 1994.

Nov. 1965 (Revised 1972, Oct. 1993, 1995, 1998)

The maximum mileage for Municipal State Aid Street designation will be based on the Annual Certification of Mileage current as of December 31st of the preceding year. Submittal of a supplementary certification during the year will not be permitted. Frontage roads not designated Trunk Highway, Trunk Highway Turnback or County State Aid Highways will be considered in the computation of the basic street mileage. The total mileage of local streets, county roads and county road turnbacks on corporate limits will be included in the municipality's basic street mileage. Any State Aid Street that is on the boundary of two adjoining urban municipalities will be considered as one-half mileage for each municipality.

All mileage on the MSAS system will accrue Needs in accordance with current rules and resolutions.

Oct. 1961 (Revised May 1980, Oct. 1982, Oct. 1983, June 1993, June 2003)

All requests for revisions to the Municipal State Aid System must be received by the District State Aid Engineer by March first to be included in that years Needs Study. If a system revision has been requested, a City Council resolution approving the system revisions and the Needs Study reporting data must be received by May first, to be included in the current year's Needs Study. If no system revisions are requested, the District State Aid Engineer must receive the Normal Needs Updates by March 31st to be included in that years' Needs Study.

One Way Street Mileage - June 1983 (Revised Oct. 1984, Oct. 1993, June 1994, Oct. 1997)

Any one-way streets added to the Municipal State Aid Street system must be reviewed by the Needs Study Sub-Committee, and approved by the Screening Board before any one-way street can be treated as one-half mileage in the Needs Study.

All Municipal Screening Board approved one-way streets be treated as one-half of the mileage and allow one-half complete Needs. When Trunk Highway or County Highway Turnback is used as part of a one-way pair, mileage for certification shall only be included as Trunk Highway or County Turnback mileage and not as approved one-way mileage.

Needs Adjustments

Phase In (Restriction) May 2014

The method of computing Needs is to be phased in over a period of seven years. This seven year period will begin with the January 2015 allocation and go through the January 2021 allocation.

The phase in will be reviewed annually by the Municipal Screening Board to determine if the Phase In period should be revised.

During the seven year period the phase in is being applied, a city's Restricted Needs will be computed using the following steps:

1) Compare the current years Unadjusted Needs to the previous years Restricted Needs. In the first year of the phase in, the current years Unadjusted Needs will be compared to the previous years Unadjusted Needs.
2) Compute the Statewide Average Percent of Change between the two totals.
3) Determine each individual city's Percent of Change between last years Restricted Needs

and this years Unadjusted Needs.

4) 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.
5) 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.
6) If an individual city's Percent of Change is between 5 Percentage Points less and 10 Percentage Points more than the Statewide Average Percent of Change, no restriction is made and the current year's Unadjusted Needs will be used as its Restricted Needs.

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

In the event that an MSAS route earning "After the Fact" Needs is removed from the MSAS system, the "After the Fact" Needs will then be removed from the Needs Study, except if transferred to another state system. No adjustment will be required on Needs earned prior to the revocation.

Excess Unencumbered Construction Fund Balance Adjustment – Oct. 2002, (Revised Jan. 2010, May 2014)

State Aid Payment Requests received before December 1st by the District State Aid Engineer for payment will be considered as being encumbered and the construction balances will be so adjusted.

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

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

Low Balance Incentive – Oct. 2003 (Revised May, 2014)

The amount of the Excess Unencumbered Construction Fund Balance Adjustment will be redistributed as a positive adjustment to the Construction Needs of all municipalities whose December 31st construction fund balance is less than 1 times their January construction allotment of the same year. This redistribution will be based on a city's prorated share of its Unadjusted Construction Needs to the total Unadjusted Construction Needs of all participating cities times the total Excess Balance Adjustment**.**

After the Fact Right of Way Adjustment - Oct. 1965 (Revised June 1986, 2000, May 2014)

Right of Way Needs will not be included in the Needs calculations until the right of way is acquired and the actual cost established. At that time a Construction Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15-year period. Only right of way acquisition costs that are eligible for State-Aid funding will be included in the right-of-way Construction Needs adjustment. This Directive is to exclude all Federal or State grants.
When "After the Fact" Needs are requested for right-of-way projects that have been funded with local funds, but qualify for State Aid reimbursement, documentation (copies of warrants and description of acquisition) must be submitted to the District State Aid Engineer. The City Engineer will input the data into the Needs Update program and the data will be approved by the DSAE.

After the Fact Railroad Bridge over MSAS Route Adjustment – May 2014

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

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

After the Fact Railroad Crossing Adjustment

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

Excess Maintenance Account – June 2006

Any city which requests an annual Maintenance Allocation of more than 35% of their Total Allocation, is granted a variance by the Variance Committee, and subsequently receives the increased Maintenance Allocation will receive a negative Needs adjustment equal to the amount of money over and above the 35% amount transferred from the city's Construction Account to its Maintenance Account. The Needs adjustment will be calculated for an accumulative period of twenty years, and applied as a single one-year (one time) deduction each year the city receives the maintenance allocation.

After the Fact Retaining Wall Adjustment Oct. 2006 (Revised May 2014)

Retaining wall Needs will not be included in the Needs study until such time that the retaining wall has been constructed and the actual cost established. At that time a Needs adjustment will be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15 year period. Documentation of the construction of the retaining wall, including eligible costs, must be submitted to your District State Aid Engineer by July 1 to be included in that years Needs study. After the Fact needs on retaining walls will begin effective for all projects awarded after January 1, 2006. All Retaining Wall adjustments must be input by the city and approved by the District State Aid Engineer.

Trunk Highway Turnback - Oct. 1967 (Revised June 1989, May 2014)

Any trunk highway turnback which reverts directly to the municipality and becomes part of the Municipal State Aid Street system will not have its Construction Needs considered in the Construction Needs apportionment determination as long as the former trunk highway is fully eligible for 100 percent construction payment from the Municipal Turnback Account. During this time of eligibility, financial aid for the additional maintenance obligation, to the municipality imposed by the turnback will be computed on the basis of the current year's apportionment data and will be accomplished in the following manner.
The initial turnback maintenance adjustment when for less than 12 full months will provide partial maintenance cost reimbursement by adding said initial adjustment to the Construction Needs which will produce approximately 1/12 of $7,200 per mile in apportionment funds for each month or part of a month that the municipality had maintenance responsibility during the initial year.

To provide an advance payment for the coming year's additional maintenance obligation, a Needs adjustment per mile will be added to the annual Construction Needs. This Needs adjustment per mile will produce sufficient apportionment funds so that at least $7,200 in apportionment will be earned for each mile of trunk highway turnback on Municipal State Aid Street System.

Trunk Highway Turnback adjustments will terminate at the end of the calendar year during which a construction contract has been awarded that fulfills the Municipal Turnback Account Payment provisions.

TRAFFIC - June 1971 (Revised May 2014)

Beginning in 1965 and for all future Municipal State Aid Street Needs Studies, the Needs Study procedure will utilize traffic data developed according the Traffic Forecasting and Analysis web site at http://www.dot.state.mn.us/traffic/data/coll-methods.html#TCS

Traffic Counting - Sept. 1973 (Revised June 1987, 1997, 1999, Oct. 2014)

Traffic data for State Aid Needs Studies will be developed as follows:

1) The municipalities in the metropolitan area cooperate with the State by agreeing to participate in counting traffic every two or four years at the discretion of the city.
2) .The cities in the outstate area may have their traffic counted and maps prepared by State forces every four years, or may elect to continue the present procedure of taking their own counts and have state forces prepare the maps.
3) Any city may count traffic with their own forces every two years at their discretion and expense, unless the municipality has made arrangements with the Mn/DOT district to do the count.
4) On new MSAS routes, the ADT will be determined by the City with the concurrence of the District State Aid Engineer until such time the roadway is counted in the standard MnDOT count rotation.