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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 stateaid 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:

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Updated 12/9/14



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
		Memb		
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
	2010-2010		Morris	(320) 702 0140
Metro-West	2016-2018	Steve Lillehaug	Brooklyn Center	(763) 569-3300
6	2016-2018	Jay Owens	Red Wing	(651) 385-3625
-			5	(,
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
<u>Cities</u>	Permanent	Cindy Voigt	Duluth	(218) 730-5200
C (1)	D ((04.0) 070 0000
of the	Permanent	Don Elwood	Minneapolis	(612) 673-3622
<u>First</u>	Permanent	Richard Freese	Rochester	(507) 328-2426
Close	Permanent	Paul Kurtz	Saint Paul	(651) 266 6202
<u>Class</u>	rennanent	Γαυι Νυτζ	Sailit Faul	(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	Kent Exner, Chair
Vadnais Heights	Hutchinson
(651) 204-6050	(320) 234-4212
Expires after 2016	Expires after 2016
Rich Clauson	Steve Bot
Crookston	St. Michael
(218) 281-6522	(763) 497-2041
Expires after 2017	Expires after 2017
Jon Pratt	Klayton Eckles
Detroit Lakes	Woodbury
(218) 847-5607	(651) 714-3593
Expires after 2018	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 Merry Daher John McDonald Lou Tasa Kelvin Howieson Merle Earley Fausto Cabral Gordy Regenscheid Todd Broadwell Dan Erickson Julie Dresel Julee Puffer Deputy State Aid Engineer Senior Administrative Engineer District 1 State Aid Engineer District 2 State Aid Engineer District 3 State Aid Engineer District 4 State Aid Engineer District 6 State Aid Engineer District 7 State Aid Engineer District 8 State Aid Engineer Metro District Engineer Assistant Metro State Aid Engineer

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.

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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
- I. 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.

- 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-ofway 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.
- 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.

 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.

 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 <u>From Highway User Tax Distribution Fund</u>

Total

ESTIMATED Gross Income from November Statewide Forecast (7-1-15 to 10-31-15 actual; 11-1-15 to 6-30-16 estimated)

· · · · · · · · · · · · · · · · · · ·				
Motor Fuel Tax			\$	899,100,000
Notor Vehicle Tax			÷	724,200,000
Notor Vehicle Fee				620,000
lotor Vehicle Sales Tax 60%				435,788,400
ee on Rental Vehicles				3,710,000
nterest Earned on Highway User Tax Dis	tribution Fund			654,000
Total Highway Users Income			\$	2,064,072,400
ess Transfer to:				
DEPARTMENT OF PUBLIC SAFETY				
Motor Vehicle Division Collection Co	sts	2,192,000		
General Fund Reimbursement		-		
Trunk Highway Reimbursement		-		
DEPARTMENT OF REVENUE				
Petroleum Division	1 1	2,183,000		
Petroleum Division - Highway Refun MINNESOTA MANAGEMENT & BUDGE		10,000		
Contingent Account		-		
Statewide Indirect Costs (Estimated) DEPARTMENT OF NATURAL RESOUR		141,655		
Non-refunded Marine Gas Tax	523	10,973,000		
Non-refunded Snowmobile Gas Tax		7,316,000		
Non-refunded All Terrain Vehicle Gas	Тах	1,975,000		
Non-refunded Forest Road		1,037,000		
Non-refunded Off-Road Motorcycle G	as Tax	337,000		
Non-refunded Off-Road Vehicle Gas		1,230,000		
DEPARTMENT OF TRANSPORTAION		.,,		
Workplace Telework Program		-		
Subtotal Appropriations and Transfers Reserve for Fund Balance - MnDOT Budg	et Practice	27,394,655	\$	(27,394,655) (\$12,000,000)
Total Funds Available for				
Distribution in Calendar Year 201	6		\$	2,024,677,745
DISTRIBUTION OF HIGHWAY USERS FU	ID	Base_	*Excess Sum	<u>Total</u>
5% Distribution per Minnesota Constitu	tion 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
<u>% Distribution - per M.S. 161.081</u> 2,024,677,745 x 5% = \$101,233,887		- \$68,790,487	<u>-</u> \$32,443,400	\$10 <u>1,233,88</u> 7
	00.5%		·,···,···	. , ,
Town Road Account	30.5%	30,876,335		30,876,335
Town Bridge Account	16.0%	16,197,422	47 057 046	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

SCHEDULE "B"

Minnesota Department of Transportation Funds Available for Distribution in 2016

Counties

INCOME:		Regular	Excess Sum	<u>Total</u>
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
		,,	+··· 0,000,020	401 1,01 1,001
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)		4 705 604	0.45,000	2 640 742
\$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		\$2.944.294	¢4 000 407	¢4 400 774
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	1			
the Counties in 2016				
	Base		Excess Sum	Total
Equalization 10% =				\$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	1			
(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

(M.S. 2974	1.815, 3
FY 2015 Actual in excess of fore	cast
FY 2016 Forecast	
Population (100%)	

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 Motor Fuel Taxes - actua Motor Vehicle Taxes - act Motor Vehicle Sales Tax Interest on Investments (Investment Interest - act Unexpended balance of A Unexpended balance of F Federal Reimbursements	al vs estimate ctual vs estimate es - actual vs estimate CY estimate) ual vs estimate administrative Account for State Planning and	Research Program	—	\$173,109,947 1,587,935 (85,522) 293,671 1,180,000 (42,122) 1,045,899 312,222 \$177,402,030
LESS: DEDUCTIONS				
Administrative Account (2% of total funds availat	ble)	\$3,548,041	
Disaster Fund				
	nce ount to Reach Legal Lim cannot be greater than		(\$611,548)	
	ucting Administrative Ad			
Research Account (1/2 of \$170,700,289 x .50% (As determined by prev	1% of the prior year Ap vious years Screening B	. ,	\$853,501	
(10 2010111102 2) P.O.			•••••	\$3,789,994
				\$173,612,036
	Population Money Needs	50% = 50% =	\$86,806,018 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

\$30,876,335 <u>320,691</u>	
]	\$31,197,026
\$16,197,422	
<u>168,231</u>	
\$16,365,653	
	\$4,909,696
]	\$11,455,957
	<u>320,691</u> \$16,197,422 <u>168,231</u>

Flexible Apportionments

Income Flexible Account (5% Distribution x 53.5%) Income-acutal vs estimate	<u>Regular</u> \$36,802,911	<u>Excess</u> \$17,357,219	<u>Total</u> \$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	<u>Total</u>
Municipal Turnback	\$0	\$0	\$0
Trunk highway Turnback	0	0	0
County Turnback (Remaining Balance)	<u>14,192,091</u>	23,412,106	37,604,197
	\$14,192,091	\$23,412,106	\$37,604,197
	EXCESS DISTRIBUTION		
			Excess Turnback
County	Population		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	<u>10.981565</u> %	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	sestimate		<u>4,616,160</u>
Total County Vehicle Lease Sales Tax A		\$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	<u>20.10375</u> %	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	(3)
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	23,009	23,499	22,880	23,089	348
Chaska	23,770	24,133	25,270	25,270	459
Chisago City	4,967	5,000	5,069	5,069	69
Chisholm	4,976	5,036	5,009	5,009	(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	12,180	12,238	12,238	(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	(133)
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		50,261	<u> </u>	1,045
Elk River	22,974	49,216 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

	2010	Population used for 2015	Newest Population Estimates (Released	Population to be used for 2016	Difference between Populations used for 2015
Municipality	Census	Allocation	Dec. 2015)	Allocation	& 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	/9 0
Lake Elmo	8,069	8,773		8,594	(179)
Lakeville	55,954	57,789	8,594		1,572
Lino Lakes	20,216	20,833	59,361 21,129	59,361 21,129	296
Litchfield	6,726	6,726	6,741	6,741	290
Little Canada	9,773	9,962	9,912	9,912	(50)
Little Falls	8,347	8,800	8,807	8,807	(30)
Mahtomedi	7,676	7,871	8,043	8,043	172
Mankato	39,313	40,743	41,202	41,202	459
		,			459 702
Maple Grove Maplewood	<u>61,567</u> 38,018	63,746 38,950	64,448 39,054	64,448 39,054	104
Marshall	13,680	13,729	13,719	13,719	(10)
Medina		,			(10) 522
	4,916	5,309	5,831	5,831	
Mendota Heights	<u>11,071</u> 382,578	11,163	11,124 411,273	<u>11,124</u> 411,273	<mark>(39)</mark> 10,335
Minneapolis Minnetonka	49,734	400,938 50,841	51,144	51,144	303
Minnetrista	6,384	6,796	6,763	6,763	
					(33)
Montevideo Monticello	5,383 12,759	5,383 12,993	5,327 13,125	5,383 13,125	0 132
	38,065				
Moorhead		40,478	41,181	41,181	703
Mourd	<u>5,286</u> 9,052	5,382 9,421	5,436	5,436	(102)
Mound Mounds View	9,052		9,318	9,318	(103)
	,	12,314 22,123	12,444 22,084	12,444	130
New Brighton	21,456	,		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	24,223	24,911	24,911	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

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		0.76%
Albertville	7,211	7,262	161,744	164,132		1.48%
Alexandria	13,045	13,182	292,601	297,932		1.82%
Andover	31,692	31,874	710,856	720,398		1.34%
Anoka	17,283	17,586	387,660	397,469		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		1.82%
Austin	24,983	25,097	560,373	567,228		1.22%
Baxter	7,747	8,018	173,766	181,218		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		0.74%
Brooklyn Center	30,426	30,104	682,460	680,394		-0.30%
Brooklyn Park	77,989	78,362	1,749,305	1,771,094		1.25%
Buffalo	15,812	15,913	354,666	359,657		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		3.25%
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		1.54%
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		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		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%

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	1,736	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	<u> </u>	8,829	0.29% 4.84%
						4.84%
Virginia Wacopia	8,712	8,712	195,412	196,904	1,492	
Waconia Waito Bark	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	<u>\$85,350,144</u> 3,805,152	Equals	\$22.43 Per person
2016	<u>\$86,806,018</u> 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.




	Рор	Percent		Рор	Percent		Рор	Percent
Alloc.	Alloc.	Increase	Alloc.	Alloc.	Increase	Alloc.	Alloc.	Increase
Year	per Capita	from 1958	Year	per Capita	from 1958	Year	per Capita	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 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 Restriction39 Cities received the Upper Restriction60 Cities received No Restriction

Lower Upper Nee n. Restriction Restriction Restriction Dis (5.17%) (2.17%) No Restriction Dis 7) \$47,185,732 \$0 Restriction Dis 7) \$47,185,732 \$0 Restriction Dis 6) 13,289,240 0 0 58,550,435 \$0 7) \$47,185,732 \$0 0 74,431,572 \$0 7) \$6,214,099 0 74,431,572 \$0 \$0 7) 0 0 11,058,796 \$0 \$0 7 0 0 74,431,572 \$0 \$0 8 0 0 11,058,796 \$0 \$0 \$0 8 0 0 13,120,143 \$0 \$0 \$0 8 0 0 13,120,143 \$0 \$0 \$0 9 0 0 13,120,143 \$0 \$0 \$0			Unadjusted	Percent of Change				Restricted
for Jan. 2015Needs for Jan.2015 to Jan.RestrictionRestrictionDistributionDistribution2016 Distribution2016 Distribution (5.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.17%) (5.17%) (0.11%) (0.11%) $($		Restricted Needs	Construction	from Jan.	Lower	Upper		Needs For Jan.
Distribution 2016 $[5,17\%]$ (20.17%) No Restriction Distribution $12,635$ $54,521,250$ (0.77) $54,165,732$ 50 50 5 $12,635$ $54,560,435$ $12,578$ $(12,57)$ 90 0 $58,550,435$ $55,60,435$ $55,60,435$ $56,60,435$ $64,860,796$ $60,243,081$ $(7,12)$ $68,214,099$ 0 0 $58,550,435$ $56,60,435$ $56,60,435$ $56,60,435$ $56,60,435$ $56,60,435$ $66,60,60,796$ $60,243,081$ $(7,12)$ $68,214,099$ 0 0 $29,65,792$ $10,725,792$ $11,027$ $10,725,792$ $11,027$ $10,725,792$ $11,027$ 0 $11,058,792$ 0 $11,028,792$ 0 $11,028,7329$ 0 0 $11,028,7329$ 0 $11,025,297$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$ $10,01,1287$			Needs for Jan.	2015 to Jan.	Restriction	Restriction		2016
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51,822,44558,550,43512:90068,550,43564,860,79660,243,081 (7.12) 68,214,099059,085,79267,012,26774,431,57211.070074,431,5729,861,83411,058,79612.140011,058,79853,939,83160,183411,058,79612.14074,431,5729,861,83411,058,79612.140011,058,79853,938,7160,8193411,058,796074,431,5729,861,83413,120,14311.990074,431,57211,715,29713,120,14311.99027,395,487022,797,27629,551,66529,653027,32924,929,23333,717,55235.25029,957,459011,715,29713,120,14311.020170,432,016124,929,23333,717,55235.25029,957,459015,058,17316,057,3296.64067,826,645056,442,24490,273,45559,94077,32966,442,24490,273,45559,347070,432,016173,508,597170,432,01611.02073,815,395036,800,20215,058,17716,057,3296.64076,432,0161073,508,597170,432,01611.02073,21900153,608,597170,432,01611.02026,432,790073,515,618<	Dertville	12,035,901	12,5/8,190		13,289,240		D	13,289,240
$ \begin{array}{l c c c c c c c c c c c c c c c c c c c$	exandria	51,862,445	58,550,435		0	0	58,550,435	58,550,435
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Idover	64,860,796	60,243,081	(7.12)	68,214,099	0	0	68,214,099
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ioka	24,369,290	29,085,792	19.35	0	0	29,085,792	29,085,792
9,861,83411,058,79612.140011,058,79653,999,83160,819,99812.6307,353,487060,819,99822,797,27629,551,66529.63027,395,4870011,715,29713,120,14311.99007,3120,14324,929,23333,717,55235.25029,957,459013,120,14324,929,23333,717,55235.25029,957,4590056,442,24490,273,45559.940076,637,329056,442,24490,273,45559.940077,826,6450153,508,597170,432,01611.020070,432,0161153,508,597170,432,01611.0220076,836,7960153,508,597170,432,01611.022078,813,91700153,508,597113,499,10273.72078,513,917001622,171,32344,960,862102.79078,513,917001765,335,705113,499,10273.72078,513,917001765,335,705113,499,10273.72078,513,917001765,335,705113,499,10273.712078,513,917001765,335,705113,499,10273.72076,61439,115,745076,6143076,6143176405,4439,115,745 <td< td=""><td>ple Valley</td><td>67,012,267</td><td>74,431,572</td><td>11.07</td><td>0</td><td>0</td><td>74,431,572</td><td>74,431,572</td></td<>	ple Valley	67,012,267	74,431,572	11.07	0	0	74,431,572	74,431,572
(53,999,831) $(60,819,998)$ 12.63 $(22,797,276)$ $(29,551,665)$ 29.63 (0) $(3,120,143)$ $(17,715,297)$ $(13,120,143)$ $(13,120,143)$ $(13,120,143)$ $(1,7715,297)$ $(13,120,143)$ $(13,120,143)$ $(17,715,297)$ $(13,120,143)$ $(11,090)$ (0) $(29,957,459)$ (0) $(13,120,143)$ $(17,715,292)$ $(35,13,29)$ (6.44) (0) $(27,329)$ (0) $(13,120,143)$ $(15,058,173)$ $(16,057,329)$ (6.44) (0) $(29,957,459)$ (0) $(13,120,143)$ $(15,058,173)$ $(16,057,329)$ (6.44) (0) $(23,279)$ (0) (0) $(15,058,173)$ $(16,057,329)$ $(11,02)$ (0) (0) $(17,132,19)$ $(10,02)$ $(15,058,1597)$ $(17,0432,016)$ $(11,02)$ $(11,02)$ (0) (0) $(17,02)$ $(15,058,576)$ $(13,499,102)$ $(13,279)$ (0) (0) $(13,129,17)$ (0) $(17,657,329)$ $(13,499,102)$ $(13,23)$ $(10,00)$ $(13,815,395)$ (0) (0) $(17,657,329)$ $(13,499,102)$ $(10,00)$ $(10,00)$ $(10,109,453)$ (0) (0) $(1,13,12,19)$ $(10,100)$ $(10,100)$ $(10,100)$ $(11,13,13,17)$ $(10,100)$ $(11,13,13,17)$ $(10,100)$ $(10,100)$ $(11,13,13,17)$ $(10,100)$ $(11,13,13,17)$ $(10,100)$ $(11,13,13,17)$ $(11,13,13,17)$ $(11,13,13,17)$ $(11,13,13,17)$ $(11,13,13,17)$ $(11,13,13,17)$ $(11,13,12,17)$	den Hills	9,861,834	11,058,796	12.14	0	0	11,058,796	11,058,796
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	stin	53,999,831	60,819,998		0	0	60,819,998	60,819,998
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	xter	22,797,276	29,551,665	29.63	0	27,395,487	0	27,395,487
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Ile Plaine	11,715,297	13,120,143		0	0	13,120,143	13,120,143
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	midji	24,929,233	33,717,552	35.25	0	29,957,459	0	29,957,459
$ \begin{array}{l l l l l l l l l l l l l l l l l l l $	j Lake	15,058,173	16,057,329	6.64	0	0	16,057,329	16,057,329
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	aine	56,442,244	90,273,455	59.94	0	67,826,645	0	67,826,645
$\begin{array}{l lllllllllllllllllllllllllllllllllll$	omington	153,508,597	170,432,016	11.02	0	0	170,432,016	170,432,016
nter $22,171,323$ $44,960,862$ 102.79 0 $26,643,279$ 0 rk $65,335,705$ $113,499,102$ 73.72 0 $78,513,917$ 0 0 $32,153,081$ $28,938,127$ $(10,00)$ $33,815,395$ 0 0 0 $98,040,746$ $94,290,301$ (3.83) $103,109,453$ 0 0 0 $88,040,746$ $94,290,301$ (3.83) $103,109,453$ 0 0 0 $88,040,746$ $94,290,301$ (3.83) $103,109,453$ 0 0 0 0 $17,667,939$ $31,080,240$ 75.91 0 $7,697,421$ 0 0 $29,717,179$ $36,425,520$ 22.57 0 $35,711,134$ 0 $30,318,191$ $43,131,716$ 42.26 0 $36,433,370$ 0 0	ainerd	32,493,526	36,800,202	13.25	0	0	36,800,202	36,800,202
(k) $(5,335,705)$ $(113,499,102)$ 73.72 (0) $78,513,917$ (0) $(32,153,081)$ $28,938,127$ (10.00) $33,815,395$ (0) (0) $98,040,746$ $94,290,301$ (3.83) $103,109,453$ (0) (0) $(405,443)$ $9,115,745$ 42.31 (0) $7,697,421$ (0) $17,667,939$ $31,080,240$ 75.91 (0) $21,231,562$ (0) $29,717,179$ $36,425,520$ 22.57 (0) $35,711,134$ (0) $30,318,191$ $43,131,716$ 42.26 (0) $36,433,370$ (0)	ooklyn Center	22,171,323	44,960,862	102.79	0	26,643,279	0	26,643,279
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ooklyn Park	65,335,705	113,499,102		0	78,513,917	0	78,513,917
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ffalo	32,153,081	28,938,127	(10.00)	33,815,395	0	0	33,815,395
6,405,443 9,115,745 42.31 0 7,697,421 0 17,667,939 31,080,240 75.91 0 21,231,562 0 29,717,179 36,425,520 22.57 0 35,711,134 0 30,318,191 43,131,716 42.26 0 36,433,370 0	rnsville	98,040,746	94,290,301	(3.83)	103,109,453	0	0	103,109,453
17,667,939 31,080,240 75.91 0 21,231,562 0 29,717,179 36,425,520 22.57 0 35,711,134 0 30,318,191 43,131,716 42.26 0 36,433,370 0	ron	6,405,443	9,115,745		0	7,697,421	0	7,697,421
29,717,179 36,425,520 22.57 0 35,711,134 0 30,318,191 43,131,716 42.26 0 36,433,370 0	mbridge	17,667,939	31,080,240	75.91	0	21,231,562	0	21,231,562
30,318,191 43,131,716 42.26 0 <u>36,433,370</u> 0 0	amplin	29,717,179	36,425,520	22.57	0	35,711,134	0	35,711,134
	anhassen	30,318,191	43,131,716		0	36,433,370	0	36,433,370

			Percent of				
		Unadjusted	Change				Restricted
	Restricted Needs	Construction	from Jan.	Lower	Upper		Needs For Jan.
	for Jan. 2015		2015 to Jan.	Restriction	Restriction	:	2016
	Distribution	2016 Distribution	2016	(5.1 7%)	(20.17%)	No Kestriction	Distribution
Chaska	\$33,894,101	\$38,058,816	12.29	0	D¢ ′	\$38,058,816	\$38,028,816
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

		nadiiietod	Percent of				Dactrictad
	Restricted Needs	Construction	from Jan.	Lower	Upper		Needs For Jan.
	for Jan. 2015		2015 to Jan.	Restriction	Restriction		2016
Hermantown	Distribution \$33 146 094	2016 Distribution	2016 (3 77)	(5.17%) \$34 859 747	(20.17%) \$0	No Restriction	Distribution \$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

		Unadiusted	Percent of Change				Restricted
	Restricted Needs	Construction	from Jan.	Lower	Upper		Needs For Jan.
	for Jan. 2015	Needs for Jan.	2015 to Jan.	Restriction	Ľ		2016
Marinds Viaw	Distribution \$16.058.532	2016 Distribution \$16,571,211	2016 3 10	(5.17%) \$16 888 758	(20.17%) N	No Restriction	Distribution \$16 888 758
New Brighton	24,918,142	23,256,776	(6.67)	• •	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

			Percent of				
	Restricted Needs	Unadjusted	Change from lan	Ower	llnner	-	Restricted
	for Jan. 2015		2015 to Jan.	Restriction	Ę		2016
St Anthony	\$10.943.275	2016 DISTRIBUTION \$12 215 166	2016 11.62	(%/I.c) \$0	1 (%/L.0Z)	S12 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

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

		l la cu	Datio bat					
		Balance	Ralance &	Eirst Vaar of			MO	
	January 2015	Available	City's 2015	Excess	Excess	Restricted Needs	Balance	
Municipality	Construction Allotment	(90&90p acct) as of 12/31/2015	Construction Allotment	Balance Adjustment Multiplier	Balance Adjustment	for Jan. 2016 Distribution	Incentive Factor	Low Balance Incentive
Albert Lea	\$749,528	\$722,897	0.964					
Albertville	318,417	60	0000					
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					

		:						
		Unencumbered Balance	Ratio pet. Balance &	First Year of			- more	
	January 2015	Available	City's 2015	Excess	Excess	Restricted Needs	Balance	
	Construction	(90&90p acct)	Construction			for Jan. 2016		Low Balance
Municipality	Allotment	as of 12/31/2015	Allotment	Adjustment Multiplier	lier Adjustment	Distribution	Factor	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	000.0					
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)					

Instrument First Year of Balance First Year of Balance First Year of Balance Resistion Balance First Year of Construction Resistion Resistion Resistion Municipality January 2015 January 2015 Anuary 2015 Anuary 2015 Recess Resistion Mathemedic Sof 123/12015 January 2015 Alloument Balance Balance Distruction Mathemedic Sof 123/12015 January 2015 Alloument Balance Distruction									
January 2015 Available Construction Curve 2015 Excess Excess Encess Excess Balance aitly Jonuary 2015 Available Construction Curve construction Eaches Balance Excess Balance edi \$218,024 \$1,097,429 \$1,097,429 \$1,097,429 \$1,097,429 \$1,097,429 ord \$2,18,024 \$1,097,429 \$1,097,429 \$1,097,429 \$1,097,410 ord \$2,18,024 \$1,07,197 \$2,452,496 \$1,1799 \$2,571 ord \$1,371,197 \$2,452,496 \$1,1799 \$2,571 \$1,007,496 ord \$1,01,29,41 \$2,038,628 \$2,036 \$2,06 \$1,06 ord \$1,01,29,41 \$2,3351 \$1,375 \$1,375 \$1,375 ord \$1,375,61 \$1,073,926 \$1,007 \$1,007 \$1,375 ord \$2,038 \$6,7 \$0,000 \$1,375 \$1,375 \$1,375 ord \$1,375,61 \$1,073,91 \$1,977 \$2,671 \$1,073 \$1,976 \$1,000 <td< th=""><th></th><th></th><th>Unencumpered Balance</th><th>katio bet. Balance &</th><th>First Year of</th><th></th><th></th><th>Low</th><th></th></td<>			Unencumpered Balance	katio bet. Balance &	First Year of			Low	
ality Advances of 1231700 Allocener Allocener Allocener Allocener edi 3218.024 \$1.097.429 \$5.031 Allocener No Adjustment edi 3218.024 \$1.097.429 \$5.031 Allocener No Adjustment for 22.05.568 80.673 0.037 (1.786) No Adjustment for 1371.197 (2.452.466) (1.786) No Adjustment No Adjustment for 1371.197 (2.452.466) (1.786) No Adjustment No Adjustment for 1371.197 (2.452.466) 2.184 No Adjustment No Adjustment for 149.122 1.302.800 4.057 2.185 No Adjustment for 10.325.714 0 0.000 No Adjustment No Adjustment def 21.325.801 4.65.174 2.136 No Adjustment No Adjustment def 21.325.913 4.65.174 2.136 No Adjustment No Adjustment def 21.325.9261 0.00		January 2015 Construction	Available (90&90n acct)	City's 2015 Construction	Excess Balance	Excess Balance	Restricted Needs	Balance	l ow Balance
edi \$218,024 \$1,037,429 5.034 0 1,436,268 0.000 0.000 0 1,436,268 0.037 0.037 0 1,436,268 0.037 1,436,268 0.037 0 1,436,268 0.037 1,436,268 0.037 0 1,371,197 2,452,469 (1,795 2,571) 0 1,84,924 703,871 3,806 2,571) 0 1,832,844 2,035,800 2,184 0 0 1,133,844 2,035,800 4,057 0 0 0 1,133,844 2,035,800 4,057 3 0		Allotment	as of 12/31/2015	Allotment			Distribution	Factor	Incentive
0 1,436,268 0 0 0 0 circvee 2,205,560 80,673 0.037 0 0 683,770 1,735,705 2,571 0 1 1,84,924 703,871 3,806 2,561 1 184,924 703,871 3,806 2,571 1 1 1,81,924 703,871 3,806 1 1 1,81,924 703,871 3,806 1 1 1,1356 2,431,094 1,976 0 1 1,1326,92 2,142 1,976 0 1,1326,93 5,67 0.00 0.00 0 1,555,93 4,56,174 2,136 0.00 0 1,555,93 4,56,174 2,136 0.00 0 1,555,93 4,56,174 2,136 0.00 0 1,555,93 4,56,174 2,136 0.00 0 1,555,93 4,56,174 2,136 0.00 0	Mahtomedi	\$218,024	\$1,097,429	5.034		No Adjustment			
icove 2.205,560 80,673 0.037 0.037 0od 1,371,197 (2,452,496) (1,799) 1 168,370 (2,452,496) (1,799) 0 168,370 (2,452,496) (1,790) 0 168,924 703,317 3060 3067 0 10,139,841 20,856,826 2.055 2.055 0 10,139,841 20,856,826 2.055 2.056 0 375,774 0,000 2.164 2.367 0 375,774 0 0.000 2.164,174 1.376 0 375,774 0 0.000 0.000 2.164,174 1.376 0 375,774 0 0.000 0.000 2.164,174 1.371 0 375,774 53,559 466,174 2.36 2.065 0 1,652,620 4,61,74 5.3,541 1.678 0 1,656 1,656 1,657 0.002 0 1,656 53,641<	Mankato	1,436,268	0	000.0					
odd 1,371,197 (2,452,496) (1,799) I Heights 88,370 (1,795,705) (2,571) I Heights 438,44 947,560 2,184 Albeights 438,44 947,560 2,184 olis 10,139,841 20,836,826 2.055 Mea 2,242,509 4,41,094 1,976 sta 321,142 1,302,800 4,057 alo 3250,083 567 0.002 alo 3251,142 1,302,800 4,057 alo 371,974 50,3531 1,678 alo 1,674 0 0.000 alo 1,674 0 0.000 alo 1,674 6,37,331 1,678 bloo 570,155 (1,161,088) (2,019) aroth 640,743 (2,294) 0 aroth 640,174 (1,867,002) (3,471) bloo 570,155 (1,161,088) (2,019) aroth 640,174 (1,867,002	Maple Grove	2,205,560	80,673	0.037					
I 698,370 (1,755,705) (2,571) a Heights 184,92.4 703,871 3.806 bit 184,92.4 703,871 3.806 olis 10,139,941 20,856,565 2.055 nka 2,242,509 4,431,094 1.976 ata 321,142 1,302,800 4,057 deo 375,774 0 0.000 ad 1,632,659 4,6174 2.136 doi 1,632,659 4,6174 2.136 doi 1,632,659 466,174 2.136 doi 1,632,659 466,174 2.136 doi 1,632,659 466,174 2.136 doi 1,632,659 466,174 2.136 doi 213,559 466,174 2.136 doi 213,549 5.35,511 1,678 doi 213,448 5.33,511 1,678 doi 570,156 (1,151,089 (2,161,47) doi 573,158 (1,151,089	Maplewood	1,371,197	(2,452,496)	(1.789)					
184,924 703,871 3.806 a Heights 184,924 703,871 3.806 blist 2,33,844 947,560 2.184 blist 2,0139,841 2,035,62 2.055 blist 2,142 1,302,800 4.057 sta 321,142 1,302,800 4.057 blist 375,774 0 0.000 ad 1,632,659 0 0.000 ad 1,674 523,531 1.678 breit 619,749 2,151,147 53,471 breit 613,743 52,535 0 adit 723,706 0,726 0 breit 613,743 52,534 0 adit 713,50	Marshall	698,370	(1,795,705)	(2.571)					
a Heightus 433.844 947,560 2.184 olis 10,139,841 20,856,826 2.055 nka 2.242,509 4.057 2.000 atta 32,142 0,431,094 1.057 deo 260,033 567 0.002 deo 375,774 0 0.000 add 1,632,529 0 0.000 add 1,632,529 0 0.000 add 1,632,529 0 0.000 add 1,632,523 1.513 1.513 View 368,342 0.000 0.000 0.000 add 1,632,523 0 0.000 0.000 add 1,632,523 466,174 0.173 0.173 bild 570,155 (1,151,088) (2.019) 0.000 add 570,155 (1,151,088) (2.019) 0.000 add 570,155 (1,151,088) (2.019) 0.000 adde 570,155 (1,161,088)	Medina	184,924	703,871	3.806		No Adjustment			
olis 10,139,841 20,836,826 2.055 nka 2,242,509 4,431,094 1.976 sta 321,142 1,302,800 4,057 eleo 260,083 567 0.002 lio 375,159 4,61,74 2,136 ol 1,632,629 0 0.000 ol 1,632,629 456,174 2,136 view 331,1974 523,531 1,157 ol 570,155 (1,151,088) (2,019) ol 570,155 (1,151,088) (2,019) n 729,706 502,859 0,689 (1,742) n 729,705 1,052,61 1,742 <t< td=""><td>Mendota Heights</td><td>433,844</td><td>947,560</td><td>2.184</td><td></td><td></td><td></td><td></td><td></td></t<>	Mendota Heights	433,844	947,560	2.184					
Ital 2,242,509 4,431,094 1,976 sta 321,142 1,302,800 4,057 deo 280,083 567 0.002 dio 375,774 0 0.000 ad 1,632,629 0 0.000 ad 1,532,629 0 0.000 ad 1,532,629 0 0.000 add 1,632,629 0 0.000 drid 1,632,629 456,174 2,136 311,974 523,531 1,678 0 opin 519,749 5,151,147 3,471 opin 619,749 2,151,147 3,471 opin 519,749 5,153 1,678 opin 519,749 5,153 1,678 opin 519,749 5,153 1,678 opin 739,768 1,617,688 2,294 opin 729,706 1,742 1,742 opin 730,732 1,678 0,794 opin </td <td>Minneapolis</td> <td>10,139,841</td> <td>20,836,826</td> <td>2.055</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Minneapolis	10,139,841	20,836,826	2.055					
ta 321,142 1,302,800 4.057 deo 260,083 567 0.002 de 256,083 567 0.002 de 1,632,629 0.000 d 1,632,629 456,174 2.136 311,974 523,531 1,678 311,974 523,531 1,678 311,974 523,531 1,678 0.000 0.000 de 570,155 (1,151,088) (2,019) ge 570,155 (1,151,088) (2,019) ge 271,435 (488,73) (2,294) n 723,058 10,689 n 723,058 10,828 (2,019) ge 271,435 (488,73) (2,294) n 723,058 10,689 n 723,070 1,742 d 43,417 (1,50,032) (3,545) d 43,500 0,725 d 43,500 0,725 d 43,500 0,725 d 43,500 0,725 d 43,500 0,725 d 43,500 0,725 d 54,500 0,000 d 7,317,352 0,740 d 7,317,352 0,740 d 7,317,352 0,740 d 604,282 0,740 0,725 d 48,3128 1,315,902 2,724 d 48,3128 1,315,902 2,724 d 1,11,057 6,2343 0,561 1,501	Minnetonka	2,242,509	4,431,094	1.976					
deo $260,083$ 567 0.002 lo $375,774$ 0 0.000 ad $1,632,629$ $0,000$ 0.000 ad $1,632,629$ $456,174$ 2.136 New $3811,974$ $52,3531$ 1678 View $366,342$ 0 0.000 per $217,355$ $456,174$ 2.136 View $369,342$ 0 0.000 per $570,155$ $(1,151,089)$ 2.019 per $570,155$ $(1,151,089)$ 2.019 m $729,706$ $502,859$ 0.689 m $729,706$ $502,859$ 0.689 m $729,706$ $502,859$ 0.689 m $729,706$ $502,859$ 0.7201 mkato $434,417$ $(1,540,032)$ $(354,54)$ m $729,706$ $502,859$ 0.689 mkato $434,617$ $(1,54,0032)$ $(354,61)$ mkato	Minnetrista	321,142	1,302,800	4.057		No Adjustment			
III 375,774 0 0.000 ad 1,632,629 0 0.000 ad 213,559 456,174 2.136 Kiew 366,842 0 0.000 Mew 619,749 2,151,147) 3471 View 619,749 2,151,147) 3471 Mew 610,558 1,082,810 2,090 m 729,706 502,859 0.689 mech 570,155 (1,161,089) 2,019 mech 217,435 (498,743) 2,294 mech 570,155 (1,161,089) 2,019 mech 729,706 502,859 0.689 mech 729,706 502,859 0.689 mech 434,417 (1,540,032) (3,545) mech 434,17 (1,540,032) (3,545) mech 400,176 697,200 1,742 mech 400,176 697,200 1,742 mech 600,974 476,945 0.794	Montevideo	260,083	567	0.002					
ad 1,632,629 0 0.000 0 A 213,559 456,174 2.136 0 A 311,974 523,531 1.678 0 A 366,842 0 0.000 0 0.000 Africt 366,842 0 0.000 0 0.000 Africt 366,842 0 0.000 0 0.000 Africt 619,749 (2,151,147) (3,471) 0 0 Africt 619,749 (2,151,147) (3,471) 0 0 0 Africt 729,706 502,8810 0.689 0.689 0 </td <td>Monticello</td> <td>375,774</td> <td>0</td> <td>000.0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Monticello	375,774	0	000.0					
213,559 456,174 2.136 New 366,842 0.000 ghton 619,749 (2,151,147) ghton 610,675 (1,151,089) n 729,706 502,810 n 729,706 502,810 n 729,706 502,810 n 729,706 503,742 ankelo 436,022 0,746 ankelo 600,974 476,945	Moorhead	1,632,629	0	000.0					
Niew 311,974 523,531 1.678 View 366,842 0 0.000 ghton 619,749 (2,151,147) (3,471) pe 570,155 (1,161,088) (2,019) gue 217,435 (498,743) (2,204) no 729,706 502,859 0.689 no 729,706 502,859 0.689 no 729,706 502,859 0.689 no 729,706 502,859 0.689 no 729,706 502,859 0.693 ankato 434,417 (1,540,032) (3,545) no 434,417 (1,540,032) (3,545) no 600,974 476,945 0.794 ve 600,974 476,945 0.794 ve 503,742 82,339 0.163 ve 567,716 943,500 0.725 ma 1,2742 1.667,301 1.742 makuto 2,366,522 (84,546) 0.037 <td>Morris</td> <td>213,559</td> <td>456,174</td> <td>2.136</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Morris	213,559	456,174	2.136					
View 366,842 0 0.000 0.000 ghton 619,749 (2,151,147) (3,471) (3,471) pe 570,155 (1,151,088) (2.019) (2.019) pe 570,155 (1,151,088) (2.019) (2.019) egue 217,435 (498,743) (2.294) (2.010) not 729,706 502,859 0.689 (2.010) not 729,706 502,859 0.689 (2.010) not 729,706 502,859 0.689 (2.010) ankato 434,417 (1,540,032) (3.545) (3.645) ankato 434,417 (1,540,032) (3.545) (3.545) ankato 434,617 (1,540,032) (3.545) (3.545) ankato 440,176 697,200 1.742 (3.545) wee 503,742 82,339 0.163 (3.552) wee 503,742 82,339 0.163 (3.52) h 2,205,529 (1	Mound	311,974	523,531	1.678					
ghton 619,749 (2,151,147) (3,471) pe 570,155 (1,151,088) (2.019) ague 217,435 (498,743) (2.294) ague 217,435 (498,743) (2.294) and 729,706 502,859 0.689 anch 729,706 502,810 1.773 anch 610,558 1,082,810 1.742 ankato 434,417 (1,540,032) (3.545) ankato 434,127 (1,540,032) (3.545) bi 503,742 82,339 0.163 bi 201,751 969,506 4.805 h 2,305,522 (84,545) (0.037) bi	Mounds View	366,842	0	0.000					
pe 570,155 (1,151,088) (2.019) Ague 217,435 (498,743) (2.294) Ague 729,706 502,859 0.689 anch 610,558 1,082,810 1.773 ankato 434,417 (1,540,032) (3.545) ankato 434,417 (1,540,032) (3.545) ankato 430,176 697,200 1.742 ankato 667,301 435,500 0.794 by 503,742 82,339 0.163 by 667,301 483,500 0.725 by 2301,751 969,506 4.805 by 2,305,522 (84,545) 0.000 by 2,305,522 (1,04,198) (1.877) by 2,305,522 (1,94,545) 0.740 c 668,970 517,352 0.740 c 698,970 517,352 0.740 c 698,970 517,352 0.740 dale 522,126 435,801	New Brighton	619,749	(2,151,147)	(3.471)					
Ague 217,435 (498,743) (2.294) n 729,706 502,859 0.689 anch 610,558 1,082,810 1.773 ankato 434,417 (1,540,032) 0.589 ankato 434,417 (1,540,032) (3.545) ankato 434,417 (1,540,032) (3.545) ankato 430,176 697,200 1.742 ankato 400,176 697,200 1.742 ankato 600,974 476,945 0.7742 ave 503,742 82,339 0.163 ave 503,742 82,339 0.163 ave 503,742 82,339 0.163 ave 503,742 88,581 1.623 ave 667,301 483,500 0.725 by 2,2175 0.375 1.623 h 2,254 886,581 1.623 h 2,254 886,581 1.623 h 2,255,448 302,176 0.740<	New Hope	570,155	(1,151,088)	(2.019)					
m729,706502,8590.689anch $729,706$ 502,8500.689ankato $610,558$ $1,082,810$ 1.773 ankato $434,417$ $(1,540,032)$ (3.545) ankato $434,417$ $(1,540,032)$ (3.545) ankato $434,417$ $(1,540,032)$ (3.545) ankato $434,417$ $(1,540,032)$ (3.545) ankato $430,176$ $697,200$ 1.742 b $600,974$ $476,945$ 0.794 we $503,742$ $82,339$ 0.163 we $503,742$ $82,339$ 0.163 we $503,742$ $82,339$ 0.163 mat $1,275,448$ $302,176$ 0.237 h $2,305,522$ $(84,545)$ (0.037) h $2,305,522$ $(84,545)$ (0.037) h $2,305,522$ $(84,545)$ (0.037) h $2,305,522$ $(84,545)$ (0.037) h $664,282$ $(1,104,198)$ $(1,877)$ ke $588,392$ $(1,104,198)$ $(1,877)$ ke $588,392$ $(1,104,198)$ $(1,877)$ h $2,305,522$ $(84,545)$ (0.037) h $664,282$ $(0,246)$ (1.877) in $1,203,743$ $1,808,667$ 1.503 in $1,203,743$ $1,808,667$ 1.503 in $1,203,743$ $1,808,667$ 1.503 in $1,203,743$ $1,808,667$ 1.503 in $1,308,552$ 0.000 in	New Prague	217,435	(498,743)	(2.294)					
anch $610,558$ $1,082,810$ 1.773 ankato $434,417$ $(1,540,032)$ (3.545) ankato $434,417$ $(1,540,032)$ (3.545) ankato $400,176$ $697,200$ 1.742 $(1, 6, 945)$ 0.794 7.742 $(1, 6, 97, 20)$ 1.742 $(1, 6, 97, 20)$ 1.742 $(1, 6, 97, 20)$ 1.742 $(1, 6, 97, 20)$ $82,339$ 0.163 $(1, 77)$ $886,581$ 1.623 $(1, 77)$ $886,581$ 1.623 $(1, 275,448)$ $302,176$ 0.237 $(1, 275,448)$ $302,176$ 0.237 $(1, 275,448)$ $302,176$ 0.237 $(1, 275,448)$ $302,176$ 0.237 $(1, 275,448)$ $302,176$ 0.237 $(1, 2, 75,448)$ $302,176$ 0.237 $(1, 2, 75,448)$ $302,176$ 0.237 $(1, 275,448)$ $302,176$ 0.237 $(1, 6, 732)$ $(1, 6, 732)$ $(1, 877)$ $(1, 6, 732)$ $(1, 1, 67)$ $(0, 037)$ $(1, 6, 732)$ $(1, 1, 1, 93)$ $(1, 877)$ $(1, 6, 12, 126)$ $(1, 1, 1, 1, 1, 12)$ $(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1$	New Ulm	729,706	502,859	0.689					
ankato $434,417$ $(1,540,032)$ (3.545) ankato $400,176$ $697,200$ 1.742 (16) $600,974$ $476,945$ 0.794 (16) $600,974$ $476,945$ 0.794 (16) $600,974$ $476,945$ 0.794 (16) $503,742$ $82,339$ 0.163 (16) $503,742$ $82,339$ 0.163 (1751) $969,506$ 4.805 (1751) $969,506$ 4.805 (1751) $969,506$ 4.805 (1751) $969,506$ 4.805 (1751) $969,506$ 4.805 (1751) $969,506$ 4.805 (1752) $886,581$ 1.623 (16) $2.305,522$ $(84,545)$ (0) $2.305,522$ $(84,545)$ (10) 0.237 $(17,12)$ 0.237 $(18,77)$ 0.237 $(16,12)$ 0.237 $(16,12)$ 0.237 $(16,12)$ 0.237 $(17,12)$ 0.000 $(16,12)$ 0.140 $(16,12)$ 0.140 $(16,12)$ 0.140 $(16,12)$ 0.000 $(16,12)$ 0.000 $(16,12)$ 0.000 $(16,12)$ 0.000 $(17,12)$ 0.000 $(17,12)$ 0.000 $(19,12)$ 0.000 $(19,12)$ 0.000 $(19,12)$ 0.000 $(19,12)$ 0.000 $(19,12)$ 0.000 $(19,12)$ 0.000 $(11,$	North Branch	610,558	1,082,810	1.773					
\therefore Paul400,176697,2001.742Id $600,974$ $476,945$ 0.794 we $503,742$ $82,339$ 0.163 we $503,742$ $82,339$ 0.163 we $503,742$ $82,339$ 0.163 we $667,301$ $483,500$ 0.725 we $201,751$ $969,506$ 4.805 na $1,275,448$ $302,176$ 0.237 h $2,305,522$ $(84,545)$ (0.037) h $2,305,522$ $(84,545)$ (0.037) ke $588,392$ $(1,104,198)$ (1.877) dale $229,529$ $(1,94,258)$ $(0,346)$ dale $522,126$ $435,801$ 0.835 er $483,128$ $1,315,902$ 2.724 <	North Mankato	434,417	(1,540,032)	(3.545)					
Id 600,974 476,945 0.794 we 503,742 82,339 0.163 we 503,742 82,339 0.163 we 667,301 483,500 0.725 ma 201,751 969,506 4.805 na 1,275,448 302,176 0.237 h 2,305,522 (84,545) 0.037 h 2,305,522 (1,04,198) (1,877) ke 588,392 (1,104,198) (1,877) od 604,282 0 0.000 0.740 datals 2,29,529 (194,258) 0.3667 1.503 datale 522,126	North St. Paul	400,176	697,200	1.742					
Nve 503,742 82,339 0.163 0 667,301 483,500 0.725 1 201,751 969,506 4.805 1 201,751 969,506 4.805 1 546,225 886,581 1.623 1 1,275,448 302,176 0.237 1 1,275,448 302,176 0.237 1 2,305,522 (84,545) (0.037) 1 2,305,522 (84,545) (0.037) 1 2,305,522 (84,545) (0.037) 1 2,305,522 (84,545) (0.037) 1 2,305,522 (84,545) (0.037) 1 2,305,522 (84,545) (0.037) 1 1,203,743 1,100 0.000 1 1,203,743 1,808,667 1,503 1 1,203,743 1,808,667 1,503 1 1,203,743 1,808,667 1,503 1 1,203,743 1,808,667 1,503 <	Northfield	600,974	476,945	0.794					
• 667,301 483,500 0.725 • 201,751 969,506 4.805 • 201,751 969,506 4.805 na 1,275,448 302,176 0.237 h 2,305,522 (84,545) (0.037) ke 588,392 (1,104,198) (1.877) ke 588,392 (1,104,198) (1.877) v 698,970 517,352 0.740 og 604,282 0 0.000 of 604,282 (194,258) (0.846) of 1,203,743 1,808,667 1.503 of 1,203,743 1,808,667 1.503 of 522,126 435,801 0.835 of 522,126 435,801 0.835 of 6,3552 0 0.0000 of 522,126 435,801 0.835 of 483,128 1,315,902 2.724 of 1,111,057 623,430 0.561 <td>Oak Grove</td> <td>503,742</td> <td>82,339</td> <td>0.163</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Oak Grove	503,742	82,339	0.163					
201,751 969,506 4.805 na 746,225 886,581 1.623 h 546,225 886,581 1.623 h 1,275,448 302,176 0.237 h 2,305,522 (84,545) (0.037) ke 588,392 (1,104,198) (1,877) ke 588,392 (1,104,198) (1,877) ke 698,970 517,352 0.740 og 604,282 0 0.000 of 604,282 0 0.000 of 522,126 435,801 0.846) of 522,126 435,801 0.835 of 522,126 435,801 0.835 of 6,305,522 0 0.000 of 522,126 435,801 0.835 of 483,128 1,315,902 2.724 of 1,111,057 623,430 0.561	Oakdale	667,301	483,500	0.725					
546,225 886,581 na 1,275,448 302,176 h 2,305,522 (84,545) ke 588,392 (1,104,198) ke 588,392 (1,104,198) v 698,970 517,352 od 698,970 517,352 od 604,282 0 od 743 1,808,667 dale 522,126 435,801 er 4,308,552 0 ount 1,111,057 623,430	Orono	201,751	969,506	4.805		No Adjustment			
1,275,448 302,176 2,305,522 (84,545) 2,305,522 (84,545) 588,392 (1,104,198) 698,970 517,352 604,282 0 alls 229,529 (194,258) 1,203,743 1,808,667 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Otsego	546,225	886,581	1.623					
2,305,522 (84,545) 588,392 (1,104,198) 588,392 (1,104,198) 698,970 517,352 698,970 517,352 604,282 0 alls 229,529 (194,258) 1,203,743 1,808,667 1,203,743 1,808,667 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Owatonna	1,275,448	302,176	0.237					
588,392 (1,104,198) 698,970 517,352 698,970 517,352 694,282 0 alls 229,529 (194,258) 1,203,743 1,808,667 1,203,743 1,808,667 6 522,126 435,801 435,522 0 483,128 1,315,902 1,111,057 623,430	Plymouth	2,305,522	(84,545)	(0.037)					
698,970 517,352 604,282 0 604,282 0 alls 229,529 (194,258) 1,203,743 1,808,667 1,203,743 1,808,667 1,203,743 1,808,667 1,203,743 1,808,667 1,203,743 1,808,667 1,35,801 435,801 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Prior Lake	588,392	(1,104,198)	(1.877)					
604,282 0 alls 229,529 (194,258) 1,203,743 1,808,667 1,203,743 1,808,667 1,203,743 1,808,667 4,308,552 435,801 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Ramsey	698,970	517,352	0.740					
alls 229,529 (194,258) 1,203,743 1,808,667 2,2,126 435,801 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Red Wing	604,282	0	0.000					
1,203,743 1,808,667 e 522,126 435,801 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Redwood Falls	229,529	(194,258)	(0.846)					
e 522,126 435,801 4,308,552 0 483,128 1,315,902 1,111,057 623,430	Richfield	1,203,743	1,	1.503					
4,308,552 0 483,128 1,315,902 1,111,057 623,430	Robbinsdale	522,126		0.835					
483,128 1,315,902 1,111,057 623,430	Rochester	4,308,552	0	0.000					
1,111,057 623,430	Rogers	483,128	1,315,902	2.724					
	Rosemount	1,111,057	623,430	0.561					

		Unencumpered Balance	Ratio bet.	Eiret Voor of				1000	
	January 2015	Available	City's 2015	Excess		Excess	Restricted Needs	Balance	
Municipality	Construction Allotment	(90&90p acct) as of 12/31/2015	Construction Allotment	Balance Adiustment M	Multiplier	Balance Adiustment	for Jan. 2016 Distribution	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	620'126	0	0.000						
Shoreview	715,783	(984,217)	(1.375)						
Shorewood	252,616	155,288	0.615						
South Saint Paul	966,009	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		Ň	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		Ź	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		Ź	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		Ž	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
	1								

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NEEDS ADJUSTMENT FOR RIGHT-OF WAY-ACQUISITION

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

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				x - i i		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

				Total
	Right-of-Way	New	Right-of-Way	Right-of-Way
	Expenditures	Right-of-Way		= Adjustment
		+ Expenditures -	Expired	for 2016
Municipality	Allocations	for 2016	in 2015	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	0,000,022			0,000,022
Rochester	2,571,811			2,571,811
Rogers	2,011,011			_,011,011
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		(0,070)	407,639
Savage	400,000			400,000
Shakopee	100,000			100,000
Shoreview	9,775			9,775
Shorewood	203,488			203,488
South St. Paul	200,100			200,400
Spring Lake Park	55,361			55,361
St Anthony	00,001			00,001
St Cloud	874,982			874,982
St Francis	14,990			14,990
St Joseph	11,000			14,000
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		(00,000)	65,293
St Peter	1,019,684			1,019,684
Stewartville	1,010,001			1,010,001
Stillwater				
Thief River Falls	386,329			386,329
Vadnais Heights	17,096			17,096
Victoria	11,000			,000
Virginia				
Waconia				
Waite Park	1,055,734		(1,514)	1,054,220
Waseca	213,261		(1,017)	213,261
West St. Paul	,			2:0,201
White Bear Lake				
Willmar				
Winona	8,000			8,000
Woodbury	6,915,192		(426,845)	6,488,347
Worthington	491		(120,010)	491
Wyoming	101			-101
Zimmerman				
Total	\$98,883,233	\$89,500	(\$2,950,255)	\$96,022,478
· • · u	\$00,000 <u>,</u> 200	<i>400j</i> 000	(+_,000,_00)	¢00,011,110

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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

	Project or	SA Pro	oject	
Municipality	Route	Local Amount Amo	unt Total	Adjustment
Grand Rapids *	129-130-001	\$20	07,986	\$207,986
Inver Grove Heights	178-103-015	14	43,558	
Inver Grove Heights	178-114-001	3	35,445	
Inver Grove Heights Total				179,003
Moorhead	144-138-030	ç	99,225	
Moorhead	144-138-050	16	67,310	
Moorhead Total				266,535
Red Wing	156-127-003	53	39,025	539,025
Total		\$0 \$1,19	92,549	\$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 cilles have e	antereu unis aujusument <i>i</i>			
	Previous Eligible Railroad Crossing	2015 EligIble Railroad Crossing	Expired Railroad Crossing	Total Railroad Crossing Adjustment for 2016
Municipality	Expenditures	Expenditures	Expenditures	Apportionment
Fergus Falls	\$299,555			\$299,555
New Ulm		\$18,433		\$18,433
Total	NA	\$0	NA	\$317,988

(Two cities have entered this adjustment)

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 <u>15-year period</u>. 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 <u>35-year period</u>. 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

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

(One city has this adjustment)

2015 ADJUSTED / RESTRICTED CONSTRUCTION NEEDS for January 2016 apportionment

			~ ~	~ ~		~ ~		
			(+)	(+	(+)	(+		
	Restricted (Phase in)	Excess Balance Adjustment	After the Fact Railroad	After the Fact	After the Fact	After the Fact		Adjusted Restricted
Municipality	Needs for Jan. 2016 Distribution	redistributed as Low Balance Incentive	Bridge over MSAS Route	Right of Way Adiustment	Retaining Wall Adiustment	Railroad Crossing Adiustment	Total Adiustments	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

			(+)	(+)	(+)	(+)		
		Excess Balance	After the Fact					Adjusted
	Restricted (Phase in)	Adjustment	Railroad	After the Fact	After the Fact	After the Fact	Total	Restricted
Municipality	Distribution	Balance Incentive	MSAS Route	Adjustment	Adjustment	Adjustment	Adjustments	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

			(+)	(+)	(+)	(+)		
		Excess Balance	After the Fact					Adjusted
	Restricted (Phase in)	Adjustment	Railroad	After the Fact	After the Fact	After the Fact	Total	Restricted
Municipality	Distribution	Balance Incentive	MSAS Route	Adjustment	Adjustment	Adjustment	Adjustments	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			9/3,119	6,000		9/9,119	32,786,177
Saun Napius	20,133,040			401,009			400,000	21,103,273 AD 200 147
Shakonee	56 775 046			000,000+				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

	Adjusted Restricted Construction	S29.994.288	6,489,290	31,126,265	42,543,881	13,148,199	9,228,236	27,929,984	19,063,781	11,355,361	13,264,384	19,976,224	27,392,556	56,068,421	44,140,547	117,314,898	19,567,591	23,214,608	9,298,528	\$7,146,203,608
	Total	Adjustments \$1.019.684	0	0	1,061,435	17,096	0	0	0	1,054,220	213,261	0	0	0	8,000	6,488,347	491	0	0	\$100,251,067
(+)	After the Fact Railroad Crossing	Adjustment																		\$317,988
(+)	+ =	Adjustment			\$296,422															\$3,531,917
(+)	After the Fact Right of Way	Adjustment \$1.019.684			386,329	17,096				1,054,220	213,261				8,000	6,488,347	491			\$96,022,478
(+)	After the Fact Railroad Bridge over	MSAS Route			\$378,684															\$378,684
	Excess Balance Adjustment redistributed as Low	Balance Incentive																		\$0
	Restricted (Phase in) Needs for Jan. 2016	UIST/IBUTION \$28.974.604	6,489,290	31,126,265	41,482,446	13,131,103	9,228,236	27,929,984	19,063,781	10,301,141	13,051,123	19,976,224	27,392,556	56,068,421	44,132,547	110,826,551	19,567,100	23,214,608	9,298,528	\$7,045,952,541
	<u>:</u>	Municipality St. Peter	Stewartville	Stillwater	Thief River Falls	Vadnais Heights	Victoria	Virginia	Waconia	Waite Park	Waseca	West St. Paul	White Bear Lake	Willmar	Winona	Woodbury	Worthington	Wyoming	Zimmerman	State Total



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

2015 ADJUSTED RESTRICTED CONSTRUCTION NEEDS RECOMMENDATIONS

for the 2016 Distribution

	Adjusted Restricted		Adjusted Restricted
Municipality	Construction Needs	Municipality	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

	Adjusted Restricted		Adjusted Restricted
Municipality	Construction Needs	Municipality	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

Construction Needs Allocations



2016 CONSTRUCTION NEEDS ALLOCATIONS

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

		Construction	(+)		
		Needs	ŤĤ		
	Adjusted	Allocations	Turnback	2015	%
	Restricted	minus	Main-	Construction	Of
	Construction	Turnback	tenance	Needs	Total
Municipality	Needs	Maintenance	Allowance	Allocations	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 Detroit Labor	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

		Construction Needs	(+) TH		
	Adjusted	Allocations	Turnback	2015	%
	Restricted	minus	Main-	Construction	Of
	Construction	Turnback	tenance	Needs	Total
Municipality	Needs	Maintenance	Allowance	Allocations	Dist.
			Allowalice		
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	0.144
North Branch	47,387,458	575,623		575,623	0.663
North Mankato	30,767,036	373,732		373,732	0.003
North St. Paul		255,752		255,752	0.431
	21,054,494				
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

		Construction Needs	(+) TH		
	Adjusted	Allocations	Turnback	2015	%
	Restricted	minus	Main-	Construction	Of
	Construction	Turnback	tenance	Needs	Total
Municipality	Needs	Maintenance	Allowance	Allocations	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 Zimmormon	23,214,608 9,298,528	281,991 112,951		<u>281,991</u> 112,951	0.325
Zimmerman State Total			¢0		100.0000
State I Utal	\$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

N:\MSAS\Books\2016 January Book\Adjusted Construction Needs 2016 (Old Book File A & B).xls

JANUARY 2016 BOOK APPORTIONMENT PER \$1000 OF NEEDS GRAPH.XLS



	Const. Needs			Const. Needs			Const. Needs	
	Apport.			Apport.			Apport.	Percent
	per \$1,000	Percent		per \$1,000	Percent		per \$1,000	Increase
Apport.	of Adjusted	Increase	Apport.	of Adjusted	Increase	Apport.	of Adjusted	(Decrease)
Year	Const. Needs	from 1958	Year	Const. Needs	from 1958	Year	Const. Needs	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 1/26/2016

COMPARISON OF 2015 to 2016 CONSTRUCTION NEEDS ALLOCATIONS

Municipality	2015 Construction	2016 Construction	_	
	Construction			0/
			Increase	%
	Needs	Needs	(Decrease)	Increase
	Allocations	Allocations	Amount	(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)
	58,645	59,374	729	1.243
Falcon Heights	00,010	613,183	22,100	3.739

MunicipalityAllFarmingtonFergus FallsForest LakeFridleyGlencoeGolden ValleyGrand RapidsHam LakeHastingsHermantownHibbingHopkinsHugo	2015 nstruction Needs locations \$385,398 704,442 797,910 499,890 174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118 422,555	2016 Construction Needs Allocations \$371,649 683,245 769,435 482,056 168,240 558,334 718,571 5541,337 290,486 425,889 952,554 254,254 368,881	Increase (Decrease) Amount (\$13,749) (21,197) (28,475) (17,834) (6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	% Increase (Decrease) (3.567) (3.009) (3.569) (3.568) (3.567) (3.567) (3.429) (3.429) (3.429) (3.429) (3.429) (3.429) (3.429) (3.743) (3.743) (3.743) (3.586) (3.743)
MunicipalityAllFarmingtonFergus FallsForest LakeFridleyGlencoeGolden ValleyGrand RapidsHam LakeHastingsHermantownHibbingHopkinsHugo	locations \$385,398 704,442 797,910 499,890 174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	Allocations \$371,649 683,245 769,435 482,056 168,240 558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	Amount (\$13,749) (21,197) (28,475) (17,834) (6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	(Decrease) (3.567) (3.009) (3.569) (3.568) (3.567) (5.940) (3.429) 5.452 10.186 (3.743) 1.586
Farmington Fergus Falls Forest Lake Fridley Glencoe Golden Valley Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	\$385,398 704,442 797,910 499,890 174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	\$371,649 683,245 769,435 482,056 168,240 558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	(\$13,749) (21,197) (28,475) (17,834) (6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	(3.567) (3.009) (3.569) (3.568) (3.567) 5.940 (3.429) 5.452 10.186 (3.743) 1.586
Fergus Falls Forest Lake Fridley Glencoe Golden Valley Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	704,442 797,910 499,890 174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	683,245 769,435 482,056 168,240 558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	(21,197) (28,475) (17,834) (6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	(3.009) (3.569) (3.568) (3.567) 5.940 (3.429) 5.452 10.186 (3.743) 1.586
Forest Lake Fridley Glencoe Golden Valley Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	797,910 499,890 174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	769,435 482,056 168,240 558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	(28,475) (17,834) (6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	(3.569) (3.568) (3.567) 5.940 (3.429) 5.452 10.186 (3.743) 1.586
Fridley Glencoe Golden Valley Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	499,890 174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	482,056 168,240 558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	(17,834) (6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	(3.568) (3.567) 5.940 (3.429) 5.452 10.186 (3.743) 1.586
Glencoe Golden Valley Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	174,464 527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	168,240 558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	(6,224) 31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	(3.567) 5.940 (3.429) 5.452 10.186 (3.743) 1.586
Golden Valley Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	527,027 744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	558,334 718,571 541,337 290,486 425,889 952,554 254,254 368,881	31,307 (25,517) 27,990 26,854 (16,561) 14,875 7,154	5.940 (3.429) 5.452 10.186 (3.743) 1.586
Grand Rapids Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	744,088 513,347 263,632 442,450 937,679 247,100 334,899 348,118	718,571 541,337 290,486 425,889 952,554 254,254 368,881	(25,517) 27,990 26,854 (16,561) 14,875 7,154	(3.429) 5.452 10.186 (3.743) 1.586
Ham Lake Hastings Hermantown Hibbing Hopkins Hugo	513,347 263,632 442,450 937,679 247,100 334,899 348,118	541,337 290,486 425,889 952,554 254,254 368,881	27,990 26,854 (16,561) 14,875 7,154	5.452 10.186 (3.743) 1.586
Hastings Hermantown Hibbing Hopkins Hugo	263,632 442,450 937,679 247,100 334,899 348,118	290,486 425,889 952,554 254,254 368,881	26,854 (16,561) 14,875 7,154	10.186 (3.743) 1.586
Hermantown Hibbing Hopkins Hugo	442,450 937,679 247,100 334,899 348,118	425,889 952,554 254,254 368,881	(16,561) 14,875 7,154	(3.743) 1.586
Hibbing Hopkins Hugo	937,679 247,100 334,899 348,118	952,554 254,254 368,881	14,875 7,154	1.586
Hopkins Hugo	247,100 334,899 348,118	254,254 368,881	7,154	
Hugo	334,899 348,118	368,881		7 XUL
	348,118	,		
		000 570	33,982	10.147
Hutchinson		383,579	35,461	10.186
International Falls Inver Grove Heights	138,558	133,615	(4,943)	(3.567)
Isanti	808,100	<u>780,958</u> 114,215	(27,142)	(3.359)
Jordan	<u>112,278</u> 151,540	146,134	<u>1,937</u> (5,406)	1.725 (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 New Ulm	123,505 452,055	<u> </u>	<u>1,746</u> (15,903)	1.414
North Branch	452,055	<u>436,152</u> 575,623	(15,903) (21,319)	(3.518) (3.571)
North Branch	387,600	373,732	(13,868)	(3.571) (3.578)
North Saint Paul	265,505	255,752	(13,868) (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

	2015	2016		
	Construction	Construction	Increase	%
	Needs	Needs	(Decrease)	Increase
Municipality	Allocations	Allocations	Amount	(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 Waaania	336,542	339,270	2,728	0.811
Waconia Waita Bark	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

	2016 Population	2016 Construction	2016 Total	Distribution
Municipality	Allocations	Needs Allocations	Allocations	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

	2016 Population	2016 Construction	2016 Total	Distribution
Municipality	Allocations	Needs Allocations	Allocations	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
	271,303	200,102	527,105	0.5050
	2016 Population	2016 Construction	2016 Total	Distribution
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Municipality	Allocations	Needs Allocations	Allocations	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 N/MSAS/Books/2016 January Book/Adjusted Construction N	\$86,806,018	\$86,806,018	\$173,612,036	100.0000

N/MSAS/Books/2016 January Book/Adjusted Construction Needs 2016 (Old Book File A & B).xlsx

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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	2.20
Baxter	481,982	519,683	37,701	7.82
Belle Plaine	305,125	309,920	4,795	1.57
				6.80
Bemidji Biz Laka	654,241	698,720	44,479	0.35
Big Lake	432,805	434,332	1,527	
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)

			Increase	%
	2015 Total	2016 Total	(Decrease)	Increase
Municipality	Allocations	Allocations	Amount	(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)	(1.22)
Montevideo	273,328	283,474	10,146	3.71
Monticello	501,032	527,592	26,560	5.30
Morrhead	2,176,838	2,321,149	144,311	6.63
		2,321,149	5,841	
Morris	284,746	,		2.05 (1.94)
Mound Mounds View	415,965	407,892	(8,073)	
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

			Increase	%
Municipality	2015 Total Allocations	2016 Total Allocations	(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	4.00
St. Cloud	3,207,932	3,196,824	(11,108)	(0.35)
St. Francis	491,418	482,177	(9,241)	(0.33)
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	•			6.75
Virginia	284,158 531,954	<u> </u>	<u> </u>	0.79
Waconia	464,633	492,030	27,397	5.90
Wate Park	292,903	306,836	13,933	<u> </u>
Walle Park Waseca				
Waseca West St. Paul	378,337	373,849	(4,488)	(1.19) 4.42
White Bear Lake	<u> </u>	<u>690,163</u>	29,233	4.42
		878,770	36,222	
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

2016 ALLOCATION RANKINGS

Rankings are from highest allocation per Needs mile to lowest.

		2016			2046			2016
	2015	Tentative		2015	Tentative		2015	Tentative
	Total	Ponulation		Total	Money Needs		Total	Total
	Naade	Allocation		Needs	Allocation		Naade	Allocation
Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile
Minneapolis	206.66	\$44,979	St. Paul	164.73	\$33,703	Minneapolis	206.66	\$77,209
Hopkins	9.99	42,920	Crookston	11.58	32,718	St. Paul	164.73	74,814
St. Paul	164.73	41,112	Minneapolis	206.66	32,230	Hopkins	9.99	68,371
Falcon Heights	3.29	37,083	Thief River Falls	16.21	31,881	Richfield	24.67	62,547
New Hope	12.86	36,577	Moorhead	45.78	30,371	Eagan	48.92	60,181
Columbia Heights	12.50	35,636	Duluth	116.71	30,190	New Hope	12.86	59,541
St. Anthony	5.95	34,054	Richfield	24.67	29,421	Burnsville	44.77	59,148
Oakdale	19.39	33,401	Eagan	48.92	29,314	Columbia Heights	12.50	59,095
Richfield	24.67	33,125	Rochester	101.45	28,478	St. Anthony	5.95	58,992
West St. Paul	13.58	32,954	Grand Rapids	25.68	27,982	Coon Rapids	43.23	58,626
St. Louis Park	33.02	32,809	Burnsville	44.77	27,976	St. Louis Park	33.02	57,163
New Brighton	15.22	32,794	Bloomington	76.12	27,964	Falcon Heights	3.29	55,130
Coon Rapids	43.23	32,642	Delano	6.21	27,058	Apple Valley	37.31	54,763
Robbinsdale	10.05	32,636	East Grand Forks	16.99	26,912	Robbinsdale	10.05	54,261
Brooklyn Center	21.34	31,884	Mankato	38.18	26,870	Eden Prairie	48.54	54,164
Circle Pines	3.60	31,391	St. Michael	22.63	26,418	New Brighton	15.22	53,710
Burnsville	44.77	31,172	St. Cloud	64.30	26,356	Bloomington	76.12	53,692
Vadnais Heights	9.17	31,014	Fergus Falls	26.18	26,098	Winona	21.76	53,323
Eagan	48.92	30,867	Coon Rapids	43.23	25,984	Rochester	101.45	53,209
Apple Valley	37.31	30,489	Woodbury	55.40	25,723	Woodbury	55.40	52,697
Farmington	16.69	30,315	Maple Grove	56.86	25,599	Farmington	16.69	52,583
Stewartville	4.71	29,842	Faribault	24.07	25,475	Edina	40.85	51,425
Shoreview	19.69	29,527	Hopkins	9.99	25,451	Mound	7.94	51,372
Brooklyn Park	60.14	29,450	Maplewood	36.68	25,120	Mankato	38.18	51,260
Eden Prairie	48.54	29,145	Eden Prairie	48.54	25,019	Maple Grove	56.86	51,217
Crystal	17.47	29,026	Buffalo	17.17	25,015	West St. Paul	13.58	50,822
Arden Hills	7.53	28,971	St. Anthony	5.95	24,938	Moorhead	45.78	50,702
Winona	21.76	28,682	Mound	7.94	24,848	Plymouth	62.81	50,522
Blaine	49.68	28,236	New UIm	17.68	24,669	St. Cloud	64.30	49,717
St. Joseph	5.53	27,812	Winona	21.76	24,641	Circle Pines	3.60	49,423
Edina	40.85	27,808	Austin	30.21	24,455	Chaska	20.95	49,329
Fridley	22.89	27,600	Willmar	27.87	24,437	Maplewood	36.68	49,184
Waseca	7.71	27,591	St. Louis Park	33.02	24,354	Shoreview	19.69	49,101
Prior Lake	20.44	27,545	Apple Valley	37.31	24,274	Anoka	15.42	48,689

		010			0700			0010
	2015	Tentative		2015	Tentative		2015	Tentative
	Total	Population		Total	Money Needs		Total	Total
Municipality	Miloaco	Allocation	Minicipality	Milogeo	Allocation	Municipality	Milocon	Allocation Ber Need Mile
Chaska	20.95	\$27,262	Brainerd	19.16	\$24.255	Fridlev	22.89	\$48.659
Woodbury	55.40	26,974	Plymouth	62.81	24,026	Waseca	7.71	48,489
Roseville	29.12	26,947	Jordan	6.09	23,996	Vadnais Heights	9.17	48,430
Northfield	17.06	26,911	North Mankato	15.77	23,699	Crookston	11.58	48,141
Mound	7.94	26,524	St. Peter	15.42	23,628	Oakdale	19.39	48,034
Plymouth	62.81	26,496	Edina	40.85	23,617	Champlin	19.92	48,012
Champlin	19.92	26,197	Albert Lea	24.31	23,611	Delano	6.21	48,011
South St. Paul	17.46	26,097	St. Francis	13.45	23,589	Northfield	17.06	47,771
White Bear Lake	21.02	25,977	Golden Valley	23.74	23,519	Faribault	24.07	47,664
Mounds View	10.86	25,898	Columbia Heights	12.50	23,459	Brooklyn Center	21.34	47,059
Worthington	11.34	25,882	Sauk Rapids	14.21	23,220	Duluth	116.71	46,915
Anoka	15.42	25,776	Inver Grove Heights	33.64	23,215	Worthington	11.34	46,842
Victoria	7.43	25,741	Minnetonka	51.16	23,215	Jordan	6.09	46,812
Bloomington	76.12	25,729	Litchfield	8.77	23,144	Arden Hills	7.53	46,810
Maple Grove	56.86	25,618	Red Wing	24.87	23,031	Inver Grove Heights	33.64	46,617
Spring Lake Park	5.82	25,293	New Hope	12.86	22,964	Stewartville	4.71	46,578
Rochester	101.45	24,731	Anoka	15.42	22,912	North St. Paul	11.34	46,482
Mankato	38.18	24,390	Hermantown	18.65	22,836	Roseville	29.12	46,115
Monticello	12.19	24,335	Elk River	38.27	22,827	Blaine	49.68	46,101
Chanhassen	22.76	24,332	Forest Lake	33.83	22,744	South St. Paul	17.46	46,055
Savage	27.24	24,101	Lino Lakes	23.71	22,629	Buffalo	17.17	45,962
Maplewood	36.68	24,064	Owatonna	34.64	22,594	Minnetonka	51.16	45,809
Waite Park	7.02	24,060	Albertville	7.15	22,577	Crystal	17.47	45,684
North St. Paul	11.34	23,929	Fairmont	20.12	22,577	Albertville	7.15	45,533
Shakopee	37.49	23,827	North St. Paul	11.34	22,553	Prior Lake	20.44	45,459
Inver Grove Heights	33.64	23,402	Farmington	16.69	22,268	Brooklyn Park	60.14	45,317
Stillwater	18.25	23,396	Cottage Grove	35.31	22,193	Mounds View	10.86	44,803
St. Cloud	64.30	23,361	Marshall	18.78	22,173	Cottage Grove	35.31	44,756
Albertville	7.15	22,956	Chaska	20.95	22,067	Sauk Rapids	14.21	44,385
Jordan	6.09	22,817	Rosemount	28.31	21,971	Stillwater	18.25	44,114
Hastings	22.45	22,644	Champlin	19.92	21,815	Thief River Falls	16.21	44,042
Minnetonka	51.16	22,594	Mendota Heights	14.57	21,711	Chanhassen	22.76	43,777
Cottage Grove	35.31	22,563	Sartell	18.39	21,656	Waite Park	7.02	43,709
Kasson	6.20	22,324	Robbinsdale	10.05	21,625	St. Michael	22.63	43,380
Faribault	24.07	22,189	Alexandria	33.29	21,508	Golden Valley	23.74	43,312
Byron	5.47	21,750	Chisholm	8.41	21,134	Monticello	12.19	43,281
New Prague	7.74	21,722	Fridley	22.89	21,060	Austin	30.21	43,231
Lakeville	63.01	21,293	Worthington	11.34	20,960	North Mankato	15.77	43,205

		2016			2016			2016
	2015	Tentative		2015	Tentative		2015	Tentative
	Total	Population		Total	Money Needs		Total	Total
	Needs	Allocation		Needs	Allocation		Needs	Allocation
Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile
Sauk Rapids	14.21	\$21,165	New Brighton	15.22	\$20,915	Lino Lakes	23.71	\$42,771
Waconia	12.32	21,141	Waseca	7.71	20,898	Sartell	18.39	42,487
Delano	6.21	20,953	Northfield	17.06	20,859	Shakopee	37.49	42,223
Buffalo	17.17	20,947	Hutchinson	18.49	20,745	Kasson	6.20	42,163
Big Lake	11.48	20,843	Stillwater	18.25	20,718	Savage	27.24	42,031
Sartell	18.39	20,830	North Branch	27.81	20,698	New Ulm	17.68	41,955
International Falls	7.12	20,392	Lakeville	63.01	20,602	Lakeville	63.01	41,894
Moorhead	45.78	20,331	Minnetrista	12.98	20,480	White Bear Lake	21.02	41,806
Lino Lakes	23.71	20,141	Bemidji	17.85	20,425	St. Peter	15.42	40,862
St. Paul Park	6.06	19,819	Glencoe	8.39	20,052	Victoria	7.43	40,828
Golden Valley	23.74	19,793	Shorewood	9.20	20,029	Litchfield	8.77	40,516
Little Canada	11.35	19,738	South St. Paul	17.46	19,958	Willmar	27.87	40,439
LaCrescent	5.84	19,656	Baxter	17.05	19,851	Brainerd	19.16	40,367
North Mankato	15.77	19,506	Kasson	6.20	19,838	Albert Lea	24.31	40,361
Mahtomedi	9.53	19,075	Virginia	17.14	19,794	Spring Lake Park	5.82	40,350
Austin	30.21	18,776	La Crescent	5.84	19,718	Waconia	12.32	39,938
Bemidji	17.85	18,719	Little Canada	11.35	19,716	Rosemount	28.31	39,926
Orono	9.45	18,619	Waite Park	7.02	19,649	Little Canada	11.35	39,453
Zimmerman	6.50	18,419	Shoreview	19.69	19,575	La Crescent	5.84	39,374
Shorewood	9.20	18,241	Rogers	21.15	19,559	Owatonna	34.64	39,338
Rosemount	28.31	17,955	Chanhassen	22.76	19,445	International Falls	7.12	39,158
Isanti	6.89	17,743	Andover	42.75	19,389	Bemidji	17.85	39,144
Litchfield	8.77	17,372	Roseville	29.12	19,168	Mendota Heights	14.57	38,967
Belle Plaine	8.68	17,344	St. Paul Park	6.06	19,118	St. Paul Park	6.06	38,937
Hutchinson	18.49	17,333	Monticello	12.19	18,946	Byron	5.47	38,844
New Ulm	17.68	17,286	Mounds View	10.86	18,905	Marshall	18.78	38,683
Mendota Heights	14.57	17,256	Little Falls	21.75	18,882	East Grand Forks	16.99	38,526
St. Peter	15.42	17,234	Waconia	12.32	18,796	Shorewood	9.20	38,270
St. Michael	22.63	16,962	International Falls	7.12	18,766	Hutchinson	18.49	38,078
Andover	42.75	16,851	Cloquet	22.20	18,571	Red Wing	24.87	38,030
Albert Lea	24.31	16,750	Morris	9.09	18,452	New Prague	7.74	37,905
Owatonna	34.64	16,744	Shakopee	37.49	18,396	Big Lake	11.48	37,834
Duluth	116.71	16,725	Lake Elmo	16.30	18,374	Grand Rapids	25.68	37,763
Marshall	18.78	16,511	East Bethel	28.53	18,367	Fergus Falls	26.18	37,563
Brainerd	19.16	16,112	Belle Plaine	8.68	18,361	Elk River	38.27	36,842
Willmar	27.87	16,001	Montevideo	8.83	18,325	Orono	9.45	36,677
Crookston	11.58	15,423	Oak Grove	25.73	18,265	Andover	42.75	36,240
Glencoe	8.39	15,169	Otsego	22.47	18,214	St. Joseph	5.53	35,874
Hugo	21.19	15,147	Orono	9.45	18,057	St. Francis	13.45	35,850

		2016			2016			2016
	2015	Tentative		2015	Tentative		2015	Tentative
	Total	Population		Total	Money Needs		Total	Total
	Needs	Allocation		Needs	Allocation		Needs	Allocation
Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile	Municipality	Mileage	Per Need Mile
Otsego	22.47	\$15,056	Falcon Heights	3.29	\$18,047	Zimmerman	6.50	\$35,796
Red Wing	24.87	14,999	Circle Pines	3.60	18,032	Forest Lake	33.83	35,761
Ramsey	37.86	14,812	Savage	27.24	17,931	Belle Plaine	8.68	35,705
Chisago City	8.10	14,144	Prior Lake	20.44	17,914	Hastings	22.45	35,583
Elk River	38.27	14,014	West St. Paul	13.58	17,868	Glencoe	8.39	35,222
Montevideo	8.83	13,778	Blaine	49.68	17,865	Chisholm	8.41	34,649
Lake City	8.39	13,639	Arden Hills	7.53	17,840	Hermantown	18.65	34,623
Morris	60.6	13,516	Wyoming	15.92	17,713	Fairmont	20.12	34,558
Chisholm	8.41	13,515	Hibbing	54.07	17,617	Isanti	6.89	34,320
Rogers	21.15	13,069	Chisago City	8.10	17,525	Otsego	22.47	33,270
Forest Lake	33.83	13,017	Redwood Falls	10.52	17,448	Rogers	21.15	32,629
Cloquet	22.20	12,480	Vadnais Heights	9.17	17,417	Hugo	21.19	32,555
St. Francis	13.45	12,260	Hugo	21.19	17,408	Mahtomedi	9.53	32,273
Thief River Falls	16.21	12,161	Zimmerman	6.50	17,377	Minnetrista	12.98	32,256
Fairmont	20.12	11,981	Detroit Lakes	24.52	17,265	Montevideo	8.83	32,104
Lake Elmo	16.30	11,916	Byron	5.47	17,094	Morris	9.09	31,968
Hermantown	18.65	11,787	Ramsey	37.86	17,054	Ramsey	37.86	31,866
Minnetrista	12.98	11,776	Big Lake	11.48	16,991	Chisago City	8.10	31,669
Dayton	9.72	11,652	Lake City	8.39	16,888	Virginia	17.14	31,282
East Grand Forks	16.99	11,615	Stewartville	4.71	16,736	Cloquet	22.20	31,051
Cambridge	16.37	11,512	Crystal	17.47	16,658	Lake City	8.39	30,527
Virginia	17.14	11,488	Isanti	6.89	16,577	Baxter	17.05	30,480
Fergus Falls	26.18	11,465	Corcoran	15.53	16,533	Alexandria	33.29	30,457
Redwood Falls	10.52	11,292	New Prague	7.74	16,182	Lake Elmo	16.30	30,290
Wyoming	15.92	11,150	Ham Lake	33.55	16,135	North Branch	27.81	29,058
Baxter	17.05	10,629	Brooklyn Park	60.14	15,868	Wyoming	15.92	28,863
Medina	12.41	10,620	White Bear Lake	21.02	15,830	Redwood Falls	10.52	28,741
Ham Lake	33.55	10,554	Cambridge	16.37	15,755	Little Falls	21.75	28,034
Grand Rapids	25.68	9,782	Brooklyn Center	21.34	15,175	East Bethel	28.53	27,577
East Bethel	28.53	9,210	Victoria	7.43	15,087	Cambridge	16.37	27,267
Little Falls	21.75	9,152	Spring Lake Park	5.82	15,057	Ham Lake	33.55	26,689
Alexandria	33.29	8,950	Oakdale	19.39	14,633	Detroit Lakes	24.52	25,664
Detroit Lakes	24.52	8,399	Dayton	9.72	13,812	Oak Grove	25.73	25,588
North Branch	27.81	8,360	Mahtomedi	9.53	13,198	Dayton	9.72	25,464
Corcoran	15.53	8,023	Hastings	22.45	12,939	Corcoran	15.53	24,556
Oak Grove	25.73	7,323	Medina	12.41	11,319	Hibbing	54.07	24,456
Hibbing	54.07	6,839	St. Joseph	5.53	8,062	Medina	12.41	21,939
Total		\$21,366			\$21,231			\$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 <u>at the end of 2016</u> 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.

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	ΤΟΤΑL	* TRUNK HIGHWAY TURNBACK MAINTENANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE	GENERAL MAINTENANCE	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE	TOTAL MAINTENANCE	CONSTRUCTION
MUNICIPALITY	APPORTIONMENT \$981 178	ALLOWANCE	ALLOTMENT 25%	ALLOTMENT \$245.295	ALLOTMENT	ALLOTMENT \$245 295	ALLOTMENT \$735 883
			\$1500/improved	÷		001	÷
Albertville	325,558		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
Bemidii	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
			\$1500/improved				
Brainerd	773,439		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 Disco			\$1500/improved	000		000	130 011
	680 334		35%	241 267		241 267	113,001
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
			\$1500/improved				
Cottage Grove	1,580,325		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 MANTENANCE ALLOWANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE ALLOTMENT	GENERAL MAINTENANCE ALLOTMENT	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE ALLOTMENT	TOTAL MAINTENANCE ALLOTMENT	CONSTRUCTION
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% 75%	63,482 286 820		63,482 206 920	117,895
Farmington	1, 141, 210 877 605		23 //	219 401		200,020	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		.55%	170,757		170,757	512,269
Hugo	089,844		% 97	1/2,461		1 / 2,461	517,383
Hutchinson	704,067		\$1500/improved mile	27,735		27,735	676,332
			\$1500/improved				
International Falls	278,807		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
			\$1500/improved				
LaCrescent	229,944		mile 25%	8,760 64.031		8,760 64 024	221,184
	200,122					105.50	1.02,001
Lake Elmo I akeville	493,730 2 639 749		VCZ VIII Sum	123,433	2,100	470 455	308,197 2 169 294
Lino Lakes	1 014 091		25%	253 523	000 000	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
			\$1500/improved				
Little Falls	609,738		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 1 804 665		25% 1 11mn Sum	728,044	100.075	728,044	2,184,132
INIADIEWOOD	1,004,000		בעוווף טעווו	VUU,612	139,875	414,875	1,003,130

MUNICIPALITY	TOTAL	* 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
Marshall	\$726.476		\$1500/improved mile	\$27,030		\$27.030	\$699.446
Medina	772 758		75%	ER DES		ER DES	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
:			\$1500/improved				
New Ulm	741,769		mile	26,520		26,520	715,249
North Branch	808,101		25%	202,025	8,466	210,491	597,610
North Mankato	681,338 527,405		%GZ	1/0,335	/8,425	248,760	432,578
North St. Paul Northfield	GUT, 12C		%C7	131,1/0		131,170	593,329
Dak Grove	014,300		22./0	164 507		164 507	403 703
Oakdala	031 377		22 /0	732 844		232 844	433,132 608 533
Oanuale	901,01,05		70.70	232,044 06.640	201.00	1 76 006	030,333 220 EAD
Orono	340,393		70.90	00,049 1 06 002	3 9,437	1 20,000	220,022 560 677
Olsego	010,141		0/ C7	100,033		100,033	200,011
Owatonna	1 367 670		\$1500/improved mile	51 QEO		51 Q60	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	900'006		000 [°] 006	4,498,079
Rogers	690,093		25%	172,523		172,523	517,570
1			\$1500/improved	11 005		11 225	1 000 066
Poseville	1,1,00,001		1111E	335 720		335 720	1,003,000
	0.0.9.0.		\$1500/improved	1000		2001 20	001, 000,1
Sartell	781,331		mile	27,585	8,150	35,735	745,596
Sauk Rapids	630,713		\$1500/improved mile	21,315		21,315	609,398
			\$1500/improved			20 17E	1 100 150
oavage	1,144,301			071,16	000,1	00,410	1,100,430

	TOTAL	* TRUNK HIGHWAY TURNBACK MAINTENANCE	CITY REQUESTED AMOUNT FOR GENERAL MAINTENANCE	GENERAL MAINTENANCE	AMOUNT OF BOND INTEREST APPLIED TO GENERAL MAINTENANCE	TOTAL MAINTENANCE	CONSTRUCTION
MUNICIPALITY	APPORTIONMENT	ALLOWANCE			ALLOTMENT		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
			\$1500/improved				
St. Peter	630,093		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	192 030		\$1500/improved mile	18 3/6		18 345	473 685
	100,100		@1E00/immerced			0-to-0-	000'0 It
Waite Park	306 836		\$1500/improved mile	9 810		9.810	297.026
	000,000			010,0		0100	020,102
Waseca	3/3,849		% QZ	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
			\$1500/improved				
Zimmerman	232,672		mile	8,385		8,385	224,287
TOTAL	\$173,612,036	\$0		\$39,770,623	\$1,457,903	\$41,228,526	\$132,383,510
AL MAINTE	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 14 Cities requested a Lump Sum amount > \$1,500/ Improved Mile and < 35% of To	OPTIONS: 00 per Improved Mile of Total Allotment MI of Total Allotment MI mp Sum amount > \$1	NUS THTB Maintenai NUS THTB Maintenai SOO/ Improved Mile a	nce Allowance nce Allowance (WILL nd < 35% of Total Al	NCE ALLOTMENT OPTIONS: Cities requested \$1,500 per Improved Mile Cities requested 25% of Total Allotment MINUS THTB Maintenance Allowance Cities requested 35% of Total Allotment MINUS THTB Miantenance Allowance (WILL require a Maintenance Expenditure Report) Cities requested a Lump Sum amount > \$1,500/ Improved Mile and < 35% of Total Allotment (MAY require a Maintenance Expenditure Report)	Expenditure Report) Maintenance Expendit	ure Report)
TOTAL MAINTENANCE ALLOTMENT: The Gener	CE ALLOTMENT: The General N	//aintenance Allotm	ent Option selected	l by the city, plus T	NT: eneral Maintenance Allotment Option selected by the city, plus THTB Maintenance Allowance and bond interest due, if any	owance and bond in	terest due, if any
* NOTE: There ar	There are no Trunk Hiahw	av Turnbacks e	Hichwav Turnbacks elicible for Turnback Maintenance this vear.	ack Maintenand	se this vear.		
		· · · · · · · · · · · · · · · · · · ·					

MAINTENANCE ALLOCATION REVISIONS RECEIVED IN 2015 For the 2016 Allocation

			2015	2016	
			Maintenance	Maintenance	
City	2015 Maintenance Allocation	2016 Maintenance Allocation	Allocation	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	.AL \$3,799,772	\$4,207,368	\$407,596

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

2015 IMPROVED MILEAGE RECORD (MILEAGE USED FOR MINIMUM MAINTENANCE ALLOCATION)

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

	IMPROVED		IMPROVED		IMPROVED		IMPROVED
MUNICIPALITY	MILEAGE	MUNICIPALITY	MILEAGE	MUNICIPALITY	MILEAGE	MUNICIPALITY	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
					-		

MSAS/Books/2016 January book/IMPROVED MILEAGE RECORD.XLS

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.

n:/msas/books/2016 January book/Certified Complete for January 2016 book.xlsx

CERTIFIED COMPLETE CITY GRAPH

Amount Spent



Graph Example:

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

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

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

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



MSAS MILEAGE, NEEDS, AND APPORTIONMENT 1958 to 2016

	Number of		Actual		Adjusted	Total Apportion-	Apportion- ment Per
	of		Construc-	Total	Construc-	ment	\$1000 of
Appt.	Munici-	Needs	tion	Apportion-	tion	Per Needs	Adjusted
Year	palities	Mileage	Needs	ment	Needs	Mileage	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 80	1271.87	221,992,032	11,662,274	218,982,273	9,169.39	26.63
1967	80 84	1309.93 1372.36	213,883,059 215,390,936	12,442,900 14,287,775	213,808,290	9,498.90 10,411.10	29.10 33.20
1968 1969	86	1372.30	209,136,115	14,287,775	215,206,878 210,803,850	10,411.10	35.20
1909	80 86	1412.57	205,103,671	16,490,064	206,350,399	11,550.98	39.96
1970	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	107 108	2148.07	551,850,149	53,101,745	541,972,837	24,720.68 26,880.28	48.97 55.06
1988 1989	108	2171.89 2205.05	545,457,364 586,716,169	58,381,022 76,501,442	529,946,820 588,403,918	20,000.20 34,693.74	55.06 64.98
1909	103	2265.64	969,735,729	81,517,107	969,162,426	35,979.73	41.99
1991	112	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.

YEARLY APPORTIONMENT COMPARISONS

				Construction Needs	
		Denulation	Dereent	Construction Needs	Dereent
A researching research		Population	Percent	Apportionment per	Percent
Apportionment	Denviation	Apportionment	Increase	\$1000 of Adjusted	Increase
Year	Population	per Capita	From 1958	Const. Needs	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%
1999	3,123,000	10.08	000.070	24.47	21.3/0

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

N:\MSAS\BOOKS\2016 JANUARY BOOK\TOTAL NE	EDS MILEAGE.XLSX						27-Jan-
Municipality	2014	2015	INCREASE (DECREASE)	Municipality	2014	2015	INCREASE
ALBERT LEA	24.31	24.31	0.00	INTERNATIONAL FALLS	7.12	7.12	0.00
ALBERTVILLE	7.15	7.15	0.00	INVER GROVE HEIGHTS	33.64	33.64	0.00
ALEXANDRIA	32.95	33.29	0.00	ISANTI	55.64 6.89	55.64 6.89	0.00
ANDOVER	32.95 42.75	33.29 42.75	0.34	JORDAN	6.09 6.09	6.09 6.09	0.00
ANOKA	42.75	42.75	0.69	KASSON	6.20	6.20	0.00
	37.31	37.31	0.09	LA CRESCENT	5.84	5.84	0.00
ARDEN HILLS	7.53	7.53	0.00	LAKE CITY	8.39	8.39	0.00
AUSTIN	30.21	30.21	0.00		16.30	16.30	0.00
BAXTER	17.05	17.05	0.00		63.01	63.01	0.00
BELLE PLAINE	8.68	8.68	0.00	LINO LAKES	23.71	23.71	0.00
BEMIDJI	17.85	17.85	0.00	LITCHFIELD	8.77	8.77	0.00
BIG LAKE	11.48	11.48	0.00	LITTLE CANADA	11.35	11.35	0.00
BLAINE	48.67	49.68	1.01	LITTLE FALLS	21.75	21.75	0.00
BLOOMINGTON	75.75	76.12	0.37	MAHTOMEDI	9.53	9.53	0.00
BRAINERD	19.16	19.16	0.00	MANKATO	9.55 37.90	38.18	0.00
BROOKLYN CENTER	21.34	21.34	0.00	MAPLE GROVE		56.86	
BROOKLYN PARK	21.34 59.47	21.34 60.14	0.00	MAPLE GROVE	57.01 36.68	36.68	<mark>(0.1)</mark> 0.00
BUFFALO	17.17	17.17	0.07	MARSHALL	30.00 18.78	30.00 18.78	0.00
BURNSVILLE		44.77	(0.34)	MARSHALL MEDINA	18.78	18.78	0.00
BYRON	45.11 5.31	44.77 5.47	(0.34) 0.16	MENDOTA HEIGHTS	12.36	12.41	0.0
	16.37	16.37	0.00		206.66	206.66	0.00
CHAMPLIN	19.92	19.92 22.76	0.00		51.10	51.16	0.00
CHANHASSEN	22.76		0.00	MINNETRISTA	12.98	12.98	0.00
	20.96	20.95	(0.01)	MONTEVIDEO	8.83	8.83	0.00
CHISAGO CITY	8.10	8.10	0.00	MONTICELLO	12.19	12.19	0.00
	8.39	8.41	0.02	MOORHEAD	45.72	45.78	0.00
	3.60	3.60	0.00	MORRIS	9.09	9.09	0.00
	22.20	22.20	0.00	MOUND	7.94	7.94	0.00
COLUMBIA HEIGHTS	12.50	12.50	0.00	MOUNDS VIEW	12.43	10.86	(1.5)
COON RAPIDS	43.23	43.23	0.00	NEW BRIGHTON	15.22	15.22	0.00
	15.53	15.53	0.00		12.86	12.86	0.00
COTTAGE GROVE	35.31	35.31	0.00	NEW PRAGUE	7.76	7.74	(0.0)
CROOKSTON	11.58	11.58	0.00	NEW ULM	17.68	17.68	0.00
CRYSTAL	17.79	17.47	(0.32)		27.81	27.81	0.00
DAYTON	9.72	9.72	0.00		15.77	15.77	0.00
DELANO	6.21	6.21	0.00	NORTH ST PAUL	11.34	11.34	0.00
DETROIT LAKES	24.52	24.52	0.00	NORTHFIELD	17.06	17.06	0.00
DULUTH	116.51	116.71	0.20		26.15	25.73	(0.42
EAGAN	48.32	48.92	0.60	OAKDALE	19.39	19.39	0.00
EAST BETHEL	28.78	28.53	(0.25)	ORONO	9.45	9.45	0.0
EAST GRAND FORKS	17.08	16.99	(0.09)	OTSEGO	22.47	22.47	0.0
EDEN PRAIRIE	47.08	48.54	1.46		34.26	34.64	0.38
	40.27	40.85	0.58		60.81	62.81	2.00
ELK RIVER	38.27	38.27	0.00		20.44	20.44	0.00
	20.12	20.12	0.00		37.86	37.86	0.00
FALCON HEIGHTS	3.29	3.29	0.00		24.87	24.87	0.00
	24.05	24.07	0.02	REDWOOD FALLS	10.52	10.52	0.00
	16.24	16.69	0.45	RICHFIELD	24.58	24.67	0.0
FERGUS FALLS	25.76	26.18	0.42	ROBBINSDALE	10.05	10.05	0.0
FOREST LAKE	33.83	33.83	0.00	ROCHESTER	101.45	101.45	0.0
FRIDLEY	22.87	22.89	0.02	ROGERS	21.15	21.15	0.0
GLENCOE	8.39	8.39	0.00	ROSEMOUNT	28.31	28.31	0.0
GOLDEN VALLEY	23.90	23.74	(0.16)	ROSEVILLE	29.12	29.12	0.0
GRAND RAPIDS	25.74	25.68	(0.06)	ST ANTHONY	5.95	5.95	0.0
HAM LAKE	33.49	33.55	0.06	ST CLOUD	64.30	64.30	0.0
HASTINGS	21.25	22.45	1.20	ST FRANCIS	13.35	13.45	0.1
HERMANTOWN	18.65	18.65	0.00	ST JOSEPH	5.53	5.53	0.0
HIBBING	54.07	54.07	0.00	ST LOUIS PARK	31.92	33.02	1.1
HOPKINS	9.99	9.99	0.00	ST MICHAEL	22.56	22.63	0.0
HUGO	20.70	21.19	0.49	ST PAUL	164.73	164.73	0.0
HUTCHINSON	18.49	18.49	0.00	ST PAUL PARK	6.06	6.06	0.0

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

.			INCREASE
Municipality	2014	2015	(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.

						A	Defined	27-Jan-16
					04 D.	Amount	Ratio of	Ratio of
					31-Dec	Spent	Construction	Amount
		N C	NI	January	Unencumbered	on	Balance to	spent to
App.		No. of	Needs	Construction	Construction	Construction	Construction	Amount
Year		Cities	Mileage	Allotment	Balance	Projects	Allotment	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/RELATIONSHIP OF CONSTRUCTION BALANCE TO ALLOTMENT.XLS



JANUARY 2016 BOOK/CONSTRUCTION BALANCE TO ALLOTMENT GRAPH.XLS

<u>COUNTY HIGHWAY TURNBACK</u> <u>POLICY</u>

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.

<u>Appointment to Unencumbered Construction Funds Subcommittee</u> – (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.

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

2-2' CURB REACTION

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 ¹/₄ of the signal cost.

Only signal legs on designated MSAS routes will be included in the Needs study.

Stand alone pedestrian crossing signals will not be included in the Needs study.

The area in square feet used for Structure Needs (Bridges and Box Culverts) will be determined by multiplying the <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-balf of the approved unit cost

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.		\$7.50	\$7.50					
Aggregate Base	Ton	11.25	14.00	14.00					
All Bituminous	Ton	61.25	65.50	65.50					
Sidewalk Construction	Sq. Ft.		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 bridg	jes and bo	x 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:

- 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, <u>8820.0200</u> 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, <u>8820.0200</u> 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.