

2011

MUNICIPAL STATE AID STREET

NEEDS REPORT



CEAM 2010 Honorable Mention Project of the Year Award
City of Rochester



October 2011

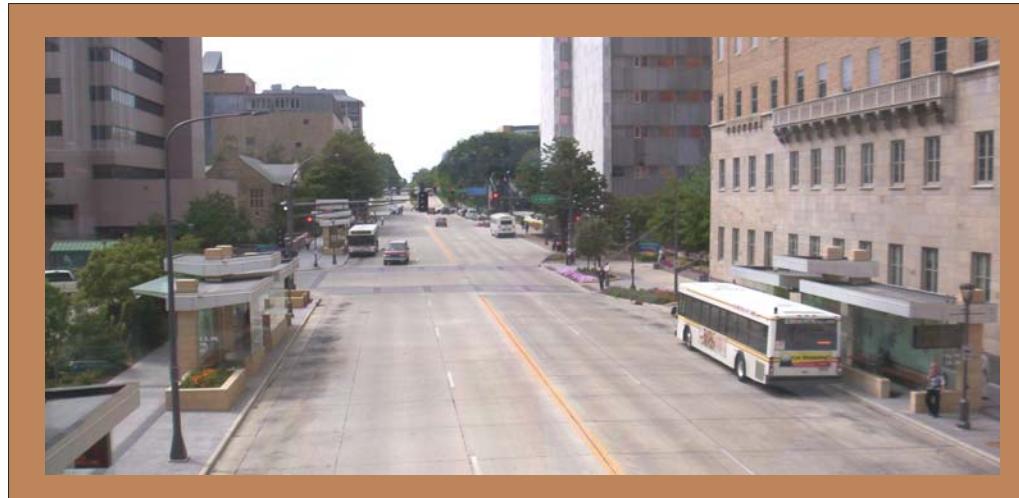
City of Rochester - 2010 CEAM Honorable Mention Project of the Year Award

The City of Rochester 2nd Street SW Street and Transit Reconstruction Project (on MSAS 106) was selected as a CEAM Honorable Mention Project of the Year Award winner for 2010. The award was presented during the CEAM 2011 Annual Conference.

The project team worked closely with the Mayo Clinic and other project stakeholders to design a visually appealing corridor that provides comfort, safety, and convenience to the wide variety of users -- buses, vehicles, and pedestrians.

The corridor remained open to all users while the project was constructed and includes new bus shelters, pavement, sidewalks, streetscape amenities, lights, and signals.

This project was built in the heart of Rochester's downtown district and it encourages the vitality of street life and creation of public space.



PREFACE

The "2011 Municipal State Aid Street Needs Report" is presented to the Municipal Screening Board for use in making their annual construction (money) needs recommendation to the Commissioner of Transportation.

This submittal is required by Mn. Statute 162.13 Sub .3 and is to be made to the Commissioner on or before November 1 of each year for his determination.

The construction (money) needs data contained in this publication has been compiled from reports submitted by each municipality. The construction needs are calculated by applying the unit prices, as determined by the Municipal Screening Board at their spring meeting in June 2009, to the quantities in the appropriate design group.

The population data is combined with the Commissioner's final construction (money) needs and the result will be used to determine the 2012 allocation which will be reported in the "2012 Municipal State Aid Apportionment Data" to be published in January 2012.

The State Aid Program Mission Study

Mission Statement:

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

Program Goals:

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

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

Key Program Concepts:

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

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

- A. Is projected to carry a relatively heavier traffic volume or is functionally classified as collector or arterial
- B. Connects towns, communities, shipping points, and markets within a county or in adjacent counties; provides access to rural churches, schools, community meeting halls, industrial areas, state institutions, and recreational areas; serves as a principal rural mail route and school bus route; or connects the points of major traffic interest, parks, parkways, or recreational areas within an urban municipality.
- C. Provides an integrated and coordinated highway and street system affording, within practical limits, a state-aid highway network consistent with projected traffic demands.

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

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

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

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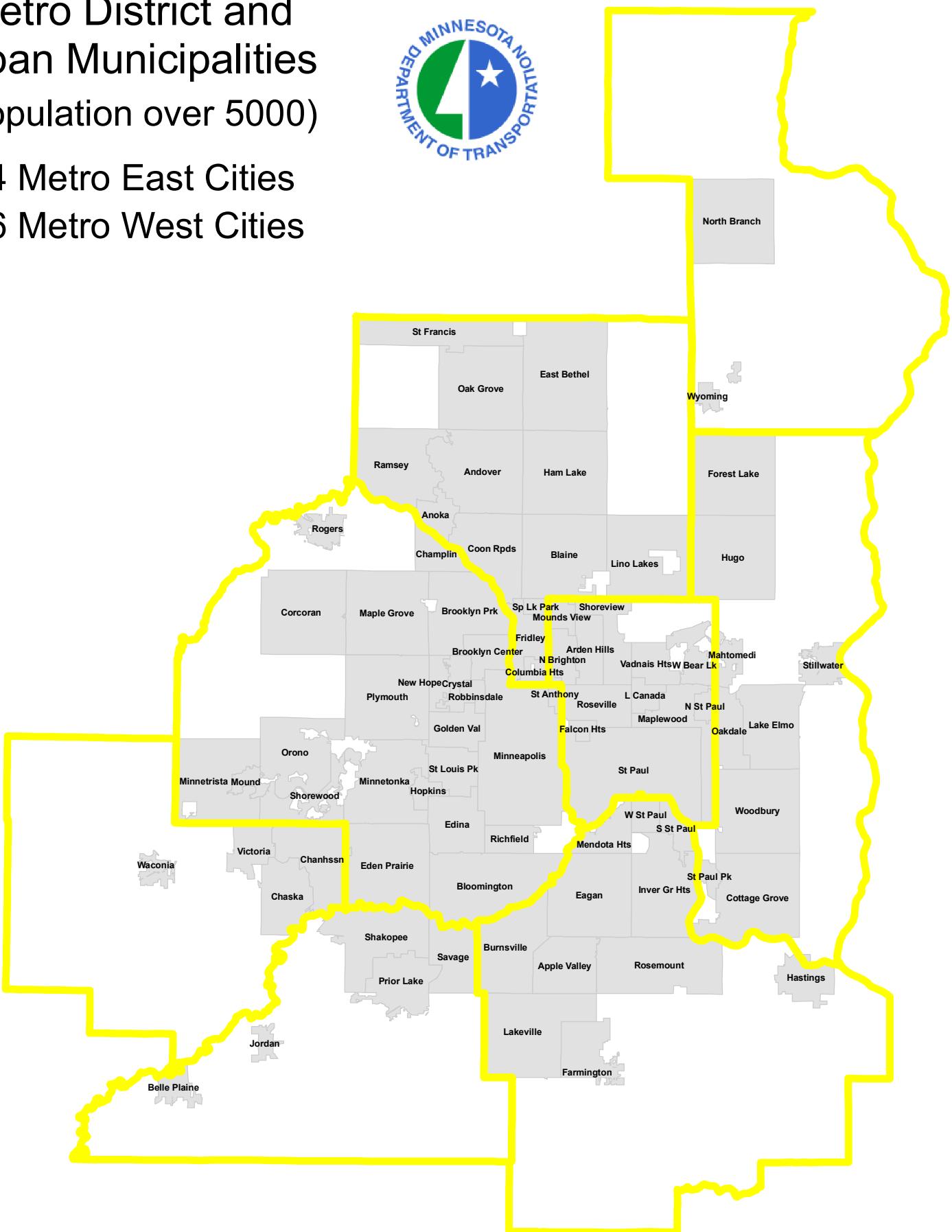
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State of Minnesota Metro District and Urban Municipalities (Population over 5000)

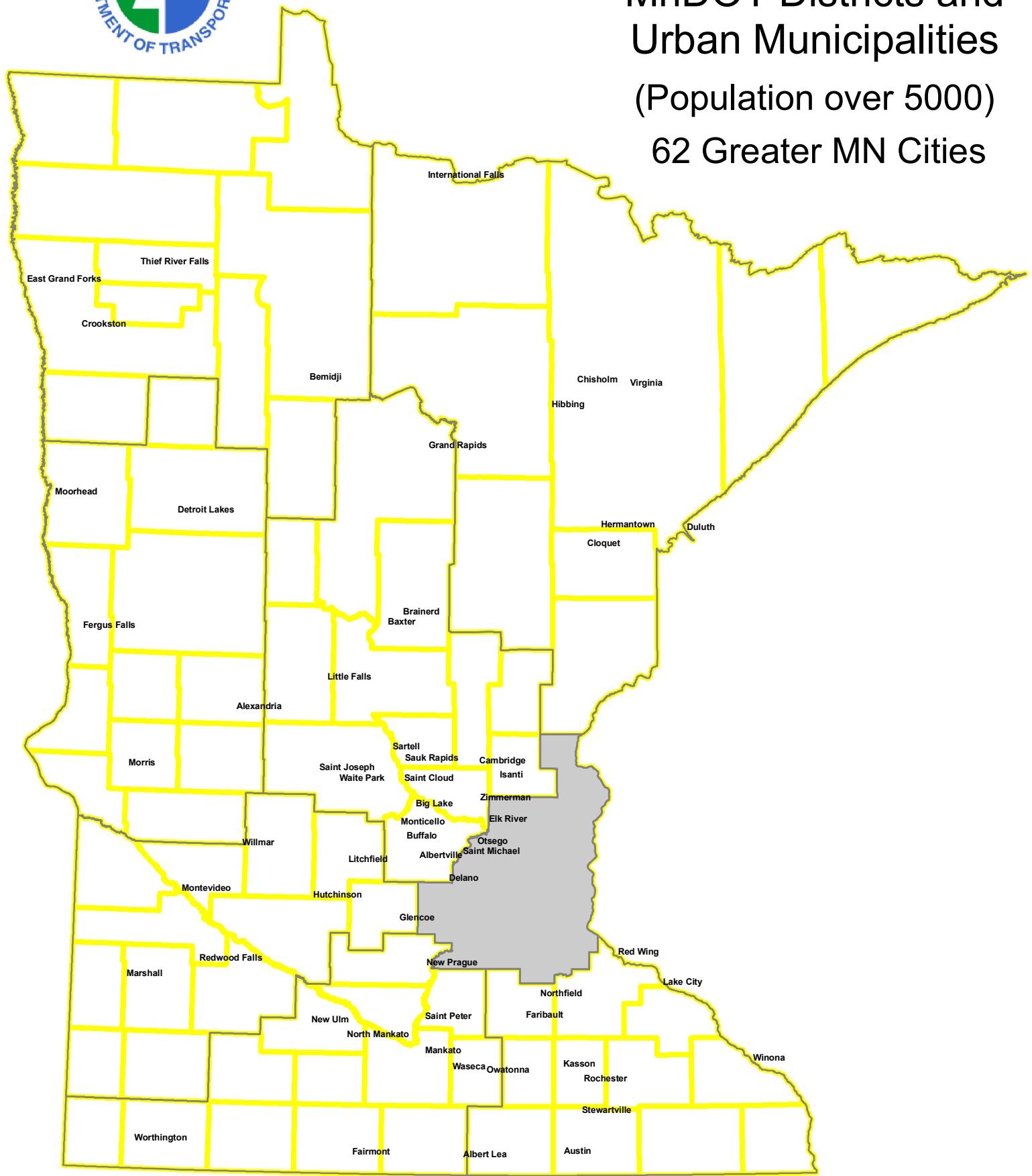
34 Metro East Cities

46 Metro West Cities





State of Minnesota MnDOT Districts and Urban Municipalities (Population over 5000) 62 Greater MN Cities



2011 MUNICIPAL SCREENING BOARD

N:/MSAS/BOOKS/2011 OCTOBER BOOK/SCREENING BOARD MEMBERS 2011.XLS

13-Sep-11

OFFICERS

Chair	Jean Keely	Blaine	(763) 784-6700
Vice Chair	Kent Exner	Hutchinson	(320) 234-4212
Secretary	Bob Moberg	Plymouth	(763) 509-5525

MEMBERS

District	Years Served	Representative	City	Phone
1	2011-2013	David Salo	Hermantown	(218) 727-8796
2	2009-2011	Greg Boppere	East Grand Forks	(218) 773-1185
3	2009-2011	Steve Bot	St. Michael	(763) 497-2041
4	2010-2012	Tim Schoonhoven	Alexandria	(320) 762-8149
Metro-West	2010-2012	Tom Mathisen	Crystal	(763) 531-1160
6	2010-2012	David Strauss	Stewartville	(507) 288-6464
7	2011-2013	Troy Nemmers	Fairmont	(507) 238-9461
8	2009-2011	Kent Exner	Hutchinson	(320) 234-4212
Metro-East	2011-2013	Mark Graham	Vadnais Heights	(651) 204-6050
<u>Cities</u>	Permanent	Cindy Voigt	Duluth	(218) 730-5200
<u>of the</u>	Permanent	Don Elwood	Minneapolis	(612) 673-3622
<u>First</u>	Permanent	Richard Freese	Rochester	(507) 328-2426
<u>Class</u>	Permanent	Paul Kurtz	Saint Paul	(651) 266-6203

ALTERNATES

District	Year Beginning		City	Phone
1	2014	Jesse Story	Hibbing	(218) 262-3486
2	2012	Dave Kildahl	Thief River Falls	(218) 281-6522
3	2012	Brad DeWolf	Buffalo	(320) 231-3956
4	2013	Dan Edwards	Fergus Falls	(218) 332-5416
Metro-West	2013	Rod Rue	Eden Prairie	(952) 949-8314
6	2013	Jon Erichson	Austin	(507) 437-7674
7	2014	Mike McCarty	Mankato	(507) 387-8643
8	2012	John Rodeberg	Glencoe	(651) 714-3593
Metro-East	2014	Klayton Eckles	Woodbury	(952) 912-2600

2011 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
Terry Maurer, Chair Arden Hills (651) 792-7847 Expires after 2011	Chuck Ahl, Chair Maplewood (651) 770-4552 Expires after 2011
Katy Gehler-Hess Northfield (507) 645-3006 Expires after 2012	Shelly Pederson Bloomington (952) 563-4870 Expires after 2012
Russ Matthys Eagan (651) 675-5635 Expires after 2013	Jeff Hulsether Brainerd (218) 828-2309 Expires after 2013

MUNICIPAL SCREENING BOARD REPRESENTATIVES

DISTRICT'S

MS-AS Books 2010 Cyclopedia Book Past Screening Board Memberships

13 Sep 11

YEAR	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	METRO WEST	DISTRICT 6	DISTRICT 7	DISTRICT 8	METRO EAST
1986	BUSBY Hibbing	SANDERS E. Gr. Forks	SCHWENINGER Brainerd	EDWARDS Fergus Falls	RUDRUD Bloomington	MURPHY Austin	MENK St. Peter	RODEBERG Montevideo	GATLIN White Bear Lk
1987	BUSBY	SANDERS	SCHWENINGER	EDWARDS	OTTENSMANN Coon Rapids	MURPHY	HAFFIELD Worthington	RODEBERG	SIGGERUD Burnsville
1988	BUSBY	WALKER	MAURER	EDWARDS	OTTENSMANN	MURPHY	HAFFIELD	BETTENDORF Litchfield	SIGGERUD
1989	DRAGISICH Virginia	WALKER	MAURER	MOEN Alexandria	OTTENSMANN	DRAKE Red Wing	HAFFIELD	BETTENDORF	SIGGERUD
1990	DRAGISICH	WALKER	MAURER	MOEN	EASTLING Ritchfield	DRAKE	MCCLURG New Ulm	BETTENDORF	HAIDER Maplewood
1991	PRUSAK Cloguet	KILDAHL Crookston	WILLIAMSON Sauk Rapids	MOEN	EASTLING	DRAKE	MCCLURG Owatonna	SWANSON Willmar	HAIDER
1992	PRUSAK	KILDAHL	WILLIAMSON	REIMER Moorhead	EASTLING	PUTNAM	MCCLURG Owatonna	SWANSON	HAIDER
1993	PRUSAK	KILDAHL	WILLIAMSON	REIMER	ANDERSON Prior Lake	PUTNAM	SAFFERT Mankato	SWANSON	BACHMEIER Oakdale
1994	PRUSAK	BOELL Bemidji	KREKLAU Buffalo	REIMER	ANDERSON	PUTNAM	SAFFERT Marshall	VICTOR RODEBERG	BACHMEIER
1995	HALTER Grand Rapids	SANDERS E. Gr. Forks	KREKLAU	NANSEN	ANDERSON Det. Lakes	MALIN	SAFFERT Winona	RODEBERG Hutchinson	BACHMEIER
1996	HALTER	SANDERS	KREKLAU	NANSEN	BITTLE Champlin	MALIN	READ Fairmont	RODEBERG RODEBERG	JESSUP Woodbury
1997	HALTER	KILDAHL Crookston	WOTZKA Sartell/Watseka Park	NANSEN	BITTLE	MALIN	READ Fairmont	SARFF Litchfield	JESSUP
1998	SALO Hermantown	KILDAHL	WOTZKA Schoonhoven	SCHOONHOVEN Alexandria	BITTLE	OLSON Albert Lea	READ New Ulm	SARFF KOEHLER	JESSUP
1999	SALO	KILDAHL	WOTZKA Schoonhoven	SCHOONHOVEN Minnetonka	GUSTAFSON	OLSON	KOEHLER Faribault	SARFF KOEHLER	BURCH White Bear Lk
2000	SALO	METSO Bemidji	KOSHAK Otsego	SCHOONHOVEN	GUSTAFSON	OLSON	KOEHLER Faribault	ODENS Willmar	BURCH White Bear Lk
2001	SALO	SANDERS E. Gr. Forks	KOSHAK	EDWARDS Fergus Falls	PEDERSON	MURRAY	KOEHLER Johnson	ODENS ODENS	BURCH
2002	SUHKONEN Hibbing	SANDERS	WEISS	EDWARDS Monticello	PEDERSON	MURRAY	LOOSE St. Peter	ODENS Maplewood	AHL AHL
2003	SUHKONEN Hibbing	KILDAHL Crookston	WEISS	EDWARDS	PEDERSON	MURRAY Owatonna	LOOSE Johnson	BERRYMAN Waseca	BLOOM Roseville
2004	SUHKONEN Hibbing	KILDAHL	WEISS	KUHN Morris	GRAY Anoka	JOHNSON	LOOSE SALSbury	BERRYMAN SALSbury	BLOOM BLOOM
2005	PAGEL Grand Rapids	KILDAHL	WEISS	KUHN	GRAY	JOHNSON	LOOSE Owatinona	BERRYMAN OLSON	BLOOM Marshall
2006	PAGEL	FREEBURG Bemidji	MAUER Elk River	ZIMMERMAN	HAUKAS/KEELY Moorhead	GEHLER-HESS Fridley/Blaine	SALSbury GEHLER-HESS	OLSON	BLOOM
2007	PAGEL	FREEBURG	MAUER	ZIMMERMAN	HAUKAS/KEELY Moorhead	GEHLER-HESS Blaine	GEHLER-HESS GEHLER-HESS	OLSON	MATTHYS Eagan
2008	PRUSAK Cloguet	GRAY Bemidji	MAUER	ZIMMERMAN	KEELY Blaine	GEHLER-HESS GEHLER-HESS	SAFFERT Mankato	OLSON	MATTHYS Eagan
2009	PRUSAK	BOPPRE E Grand Forks	BOT St. Michael	ZIMMERMAN	KEELY	GEHLER-HESS	RIPPKE No Mankato	EXNER	MATTHYS
2010	PRUSAK Cloguet	BOPPRE	BOT	SCHOONHOVEN Alexandria	MATHISEN Crystal	STRAUSS Stewartville	RIPPKE No Mankato	EXNER	MATTHYS
2011	SALO	BOPPRE	BOT	SCHOONHOVEN	MATHISEN	STRAUSS	NEMMERS Fairmont	EXNER	GRAHAM Vadnais Hts.

MUNICIPAL SCREENING BOARD REPRESENTATIVES

CITIES OF THE FIRST CLASS AND OFFICERS

YEAR	MPLS	ST. PAUL	DULUTH	ROCHESTER	CHAIR	VICE CHAIR	SECRETARY
1986	HOSHAW	PETERSON	CARLSON	ANDERSON	SAFFERT	MOORE	
				Prior Lake	Mankato	Plymouth	
1987	HOSHAW	KUHFELD	CARLSON	SAFFERT	MOORE	RUDRUD	Bloomington
				Mankato	Plymouth		
1988	HOSHAW	KUHFELD	CARLSON	MOORE	RUDRUD	BULLERT	
				Plymouth	Bloomington	Northfield	
1989	HOSHAW	KUHFELD	LARSON	RUDRUD	BULLERT	GRUBE	
				Bloomington	Northfield	St. Louis Park	
1990	HOSHAW	KUHFELD	LARSON	BULLERT	GRUBE	EDWARDS	
				Northfield	St. Louis Park	Fergus Falls	
1991	HOSHAW	KUHFELD	LARSON	GRUBE	EDWARDS	GRAY	
				St. Louis Park	Fergus Falls	Eden Prairie	
1992	HOSHAW	KUHFELD	LARSON	EDWARDS	GRAY	LARSON	
				Fergus Falls	Eden Prairie	Duluth	
1993	SPURRIER	KUHFELD	LARSON	GRAY	LARSON	SONNENBERG	
				Eden Prairie	Duluth	Minnetonka	
1994	KANNANKUTTY	KUHFELD	LARSON	LARSON	SONNENBERG	SWANSON	
				Duluth	Minnetonka	Willmar	
1995	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG	SWANSON	BACHMEIER	
				Minnetonka	Willmar	Oakdale	
1996	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG	BACHMEIER	RODEBERG	
				BACHMEIER	Oakdale	Hutchinson	
1997	KANNANKUTTY	WARN	BEEMAN	BACHMEIER	RODEBERG	ASHFIELD	
				Oakdale	Hutchinson	Maple Grove	
1998	KANNANKUTTY	WARN	WINSON	RODEBERG	ASHFIELD	HALTER	
				Hutchinson	Maple Grove	Grand Rapids	
1999	KANNANKUTTY	WARN	WINSON	RODEBERG	ASHFIELD	VACANT	
				Hutchinson	Maple Grove		
2000	KANNANKUTTY	WARN	BRINK	JESSUP	DRAKE	DRAKE	
				ASHFIELD	Woodbury	Red Wing	
2001	SONNENBERG	WARN	METSO	JESSUP	DRAKE	GUSTAFSON	
				Woodbury	Red Wing	Minnetonka	
2002	SONNENBERG	WARN	METSO	DRAKE	GUSTAFSON	METSO	
				Red Wing	Minnetonka	Duluth	
2003	OGREN	KURTZ	METSO	GUSTAFSON	METSO	HAGEN	
				Minnetonka	Duluth	St. Cloud	
2004	FABRY	KURTZ	METSO	METSO	HAGEN	GAETZ	
				Duluth	St. Louis Park	AHL	
2005	FABRY	KURTZ	METSO	METSO	GAETZ	Maplewood	
				Duluth	St. Cloud		
2006	RAE	KURTZ	BENNING	GAETZ	AHL	ODENS	
			VOIGT	St. Cloud	Maplewood	Willmar	
2007	RAE/ELWOOD	KURTZ	VOIGT	VOIGT	AHL	ODENS	PEDERSON
					Maplewood	Willmar	Bloomington
2008	ELWOOD	KURTZ	VOIGT	ODENS	PEDERSON	HULSETHIER	
				Willmar	Brainerd	Blaine	
2009	ELWOOD	KURTZ	VOIGT	PEDERSON	HULSETHIER	KEELY	
				Bloomington	Brainerd	Blaine	
2010	ELWOOD	KURTZ	VOIGT	HULSETHIER	KEELY	EXNER	
				Brainerd	Blaine	Hutchinson	
2011	ELWOOD	KURTZ	VOIGT	KEELY	EXNER	MOBERG	
				Blaine	Hutchinson	Plymouth	

**2011 MUNICIPAL SCREENING BOARD
SPRING MEETING MINUTES
May 24 & 25, 2011**

Tuesday Afternoon Session, May 24, 2011

I. Opening by Municipal Screening Board Chair Jean Keely

The 2011 Spring Municipal Screening Board was called to order at 1:00 PM on Tuesday, May 24, 2011.

A. Chair Keely introduced the Head Table and Subcommittee members:

Jean Keely, Blaine – Chair, Municipal Screening Board
Kent Exner, Hutchinson – Vice Chair, Municipal Screening Board
Julie Skallman, Mn/DOT – State Aid Engineer
Marshall Johnston, Mn/DOT – Manager, Municipal State Aid Needs Unit
Terry Maurer, Arden Hills – Chair, Needs Study Subcommittee
Chuck Ahl, Maplewood – Chair – Unencumbered Construction Funds
Subcommittee
Jeff Hulsether, Brainerd – Past Chair, Municipal Screening Board
Shelly Pederson, Bloomington – Past Chair, Municipal Screening Board
Bob Moberg – Secretary, Municipal Screening Board

B. Secretary Moberg conducted the roll call of the members present:

District 1	David Salo, Hermantown
District 2	Greg Bopp, East Grand Forks
District 3	Steve Bot, St. Michael
District 4	Tim Schoonhoven, Alexandria
Metro West	Tom Mathisen, Crystal
District 6	David Strauss, Stewartville
District 7	Troy Nemmers, Fairmont
District 8	Kent Exner, Hutchinson
Metro East	Mark Graham, Vadnais Heights
Duluth	Cindy Voigt
Minneapolis	Don Elwood
St. Paul	Paul Kurtz
Rochester	Richard Freese

C. Recognized Screening Board Alternate:

District 3	Brad DeWolf, Buffalo
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D. Recognized Department of Transportation personnel:

Rick Kjonaas	Deputy State Aid Engineer
Patti Loken	State Aid Programs Engineer
Walter Leu	District 1 State Aid Engineer
Lou Tasa	District 2 State Aid Engineer
Kelvin Howieson	District 3 State Aid Engineer
Merle Earley	District 4 State Aid Engineer
Steve Kirsch	District 6 State Aid Engineer
Doug Haeder	District 7 State Aid Engineer
Mel Odens	District 8 State Aid Engineer
Greg Coughlin	Metro State Aid Engineer
Mike Kowski	Assistant Metro State Aid Engineer
Julee Puffer	Assistant Manager, MSAS Needs Unit

E. Recognized others in Attendance:

Lee Gustafson, Minneapolis, Chair NSTF
Larry Veek, Minneapolis
Jim Vanderhoof, St. Paul
Mike Vanbeusekom, St. Paul
Shane Waterman, Marshall
Dave Sonnenberg, Chair, CEAM Legislative Committee

II Review of the 2011 Municipal Screening Board Data Booklet

All page numbers within these minutes refer to the above document. Marshall Johnston initiated the review of the entire booklet as outlined below.

A. October Screening Board Minutes (Pages 5-22)

Chair Keely stated that the October 2010 Screening Board meeting minutes are presented for approval. Johnston explained that the minutes were reviewed at all the District meetings. There were no additional comments or questions; therefore the minutes were not read in full.

Motion by Bot, seconded by Strauss to approve the minutes as presented. Motion carried unanimously.

B. Introductory information in the booklet (Pages 1-22)

Johnston stated that the January 2011 allocations were distributed between 147 cities using the 2009 estimate from the State demographer. He said the January 2012 distribution will be based on the 2010 census with five cities falling below a population of 5,000. The cities with populations now below 5,000 are Byron, Circle Pines, Dayton, LaCrescent, and Medina.

C. Unit Price Recommendations

- a. *ENR CCI Calculations (Pages 25-27)* - Johnston stated that in 2007, the Municipal Screening Board made a motion to conduct the Unit Price study every three years with the option to request a Unit Price study on individual items in “off years”.

Johnston reported that the annual ENR Construction Cost Index (ENR CCI) increased by 2.68%.

- b. *Unit Price Recommendations of the Needs Study Subcommittee (NSS) (Pages 28-29 and 47-48)* – Johnston stated that specific Unit Prices (those that are marked with an * on Page 28 and all Unit Prices on Page 20) are recommended to be increased by the 2.68% ENR CCI while all other recommendations are based on data supplied by other Mn/DOT offices.

Johnston said the subcommittee recommended a cost of bituminous of \$60 per ton and that costs fluctuated throughout the state.

Johnston said the subcommittee recommended a unit cost for bridges of \$115 per sq. ft., which is a decrease from \$120 per sq. ft. State wide average costs are currently at \$110 per sq. ft.

- c. *Individual Construction Items (Page 31)*

No discussion on this topic.

D. Unit Prices and Graphs

- a. *Review Individual Unit Price Recommendations of the NSS (Pages 32-48)*

These were reviewed in detail at each district meeting. Johnston asked if anyone had any specific unit costs for their district that they would like to bring up for discussion. No comments were received. Chair Keely noted that Terry Maurer, Needs Study Subcommittee Chair, was available if there are any questions or explanations needed on any of the recommendations.

Note: (Pages 51-55) Minutes of the Unencumbered Construction Funds Subcommittee and also minutes of the Needs Study Subcommittee meeting were reviewed last.

E. Other Topics

Marshall Johnston reviewed the following with the board:

- a. *State Aid Fund Advances (Pages 58-59)* - State Aid Advance Code Levels are Green. Just about everyone that has requested an advance has received it.

The Unencumbered Construction Funds Subcommittee (UCSF) is recommending that the State Aid Guidelines be amended to allow advances up to four times the municipalities' last construction allotment or \$3,000,000, whichever is less.

- b. *Relationship of Construction Balance to Construction Allotment (Pages 60-61)* UCFS Chair Ahl noted that unencumbered balances have been increasing since 2006 and this is sending the wrong signal to our elected officials.
- c. *2011 Apportionment Rankings (Pages 62-65)*

The 2011 Apportionment Ranking is the cost per mile with Minneapolis having the most at nearly \$60,000 per mile and Medina having the least at nearly \$18,000 per mile.

- d. *Local Road Research Board Program (Pages 66-68)* – One half of one percent of the allocation goes to the Local Road Research Board for use on research for low volume roads and other research topics.
- e. *County Highway Turnback Policy (Pages 69-70)* – Johnston noted that for a county highway turnback, a DSAE can help maximize the amount of allocation received depending on the type of turnback.
- f. *Letters to Cities of the First Class (Pages 71-73)* – The letter on Page 71 from Julie Skallman explains why the City of Duluth is still defined as a First Class City, although it has a population under 100,000. The letter from Julie Skallman on Page 72-73 defines the City of Rochester as a First Class City and appoints them as a permanent member of the Municipal Screening Board. Richard Freese of Rochester was welcomed to the board.
- g. *Status of Municipal Traffic Counting (Pages 74-76)* – Schedule indicates when traffic will be counted in the metro and outstate districts. Needs will be updated after the counts, which will affect allocation for the following year.
- h. *Current Resolutions of the Municipal Screening Board Pages 77-86* – A revision to the resolution for appointments to screening board has been proposed for consideration by the board. The proposed revision is as follows:

That annually the Commissioner of Mn/DOT will 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 Nine Mn/DOT Construction Districts together with one representative from each of the three (3) major cities of the first class.

Keely stated that the proposed revision to the resolution is listed on tomorrow's agenda for consideration and a vote.

- F. Review and discuss the UCFS minutes and recommendations – Chuck Ahl (Page 51-53)

a. Advance Guidelines

On behalf of the UCFS, Ahl made the following recommendation:
Allowable advances be increased to four times the annual construction allocation or \$3 million, whichever is less.

b. Length of "After the Fact" Needs adjustments

On behalf of the UCFS, Ahl made the following recommendation:
The length of "After the Fact" needs adjustments for non-existing bridges, right of way, and retaining walls be increased from 15 years to 30 years effective immediately for project expenses submitted this year that will be first eligible for a needs adjustment in 2012.

Much discussion ensued on the appropriate length of time for recovery of needs and how this related to expired needs and to needs currently on a 15-year schedule.

c. Excess Balance Redistributed as Low Balance Incentive

No discussion. The subcommittee is recommending no change in the current adjustment.

d. Road Rating Van

On behalf of the UCFS, Ahl made the following recommendation:
Consider purchasing part of a Road Rating Van or coordinate with the counties to rent and use the van they recently purchased.

e. Open Projects and Short Payments

Each city with either an open project or that had been paid short on a project was given a handout at its district meeting. The cities should review the documentation and contact State Aid Finance to get these projects off the books. This will reduce the Construction Account balance. There was no discussion on this issue.

f. Discuss Advances

No discussion.

G. Review and discuss NSS minutes and recommendations

a. *Unit Prices*

The Unit Price recommendations of the NSS were discussed under Item II.C.

b. *Engineering Costs*

NSS Chair Maurer explained a motion recommending that the Needs Study Task Force evaluate actual Engineering costs as a percentage of the construction costs of Municipal State Aid projects and establishing a recommended Unit Price for engineering costs.

c. *Traffic Signal Study*

Chair Maurer explained a motion recommending the completion of a Traffic Signal Unit Price Study for determining future construction needs apportionments. Freese noted that traffic signal maintenance needs are low when compared to actual costs.

Chair Keely noted that, if approved, the two motions will be sent back to the NSS for additional review.

III. Other Discussion Items

A. State Aid Report

a. Status of State Aid Rules – Rick Kjonaas

Kjonaas talked about the possibility of a state government shut down and the unavailability of state aid staff during the month of July. He said efforts are being made to get maintenance money out in the next week or so and requested that reports and city contracts be submitted for construction claims stating that anything received after June 15 would have a slower processing period. It was noted that a council resolution is required to secure advance construction money.

B. NSTF (Needs Study Task Force) Update – Lee Gustafson, Chair NSTF

Gustafson provided a powerpoint presentation, gave a brief overview, and identified the following key issues under consideration:

- Simplified unit cost approach (typical sections to be based on traffic ADT's)
- Regional factors and other adjustments
- Using continual needs versus 20 year reinstatement

Gustafson stated that a lot of support has been received for continual needs versus a 20 year reinstatement. The key issues were presented at district pre-screening board meetings for discussion. Gustafson submitted a summary of comments received in each district.

Johnston explained design charts for needs.

Gustafson stated that any comments provided by the board will be taken back to the task force. The task force will review the comments and bring recommendations back to the screening board in the fall.

Chair Keely thanked Gustafson for his report and asked for discussion. The MSB generally agreed with the direction the NSTF is heading and feel they will have more feedback when the NSTF discussion has progressed further.

C. Legislative Update

This presentation will be given tomorrow.

D. Complete Streets – Shelly Pederson

Pederson reported that the Complete Streets committee was charged with adding flexibility to state aid roads that would assist with designing on-road bicycle accommodations for state aid roads. She reviewed the schedule and noted that completed items are noted in blue.

E. Other Topics

No other topics were discussed.

IV. Motion to adjourn until 8:30 AM Wednesday morning by Mathisen and seconded by Graham. Motion carried unanimously.

Meeting was adjourned at 3:45 PM.

**2011 MUNICIPAL SCREENING BOARD
SPRING MEETING MINUTES
May 24 & 25, 2011**

Wednesday Morning Session, May 25, 2011

Chair Keely called the session to order at 8:35 AM.

I. Status Report on Minnesota Go – Mark Nelson

Chair Keely introduced Mark Nelson and stated that Minnesota Go is a program helping Mn/DOT look out 50 years.

Nelson provided an overview of Minnesota Go stating that it is not a physical vision and that Mn/DOT does not want to get into the business of trying to guess what may happen in 50 years but would like to think about what could potentially happen and how to prepare for it. It is also intended to guide preparation of the next statewide multi-modal transportation plan. There have been a number of video presentations made around the state by professors from the University of Minnesota.

II. Legislative Update – Dave Sonnenberg

Sonnenberg provided a legislative update stating that everything is down to the final session making it difficult for him to relay anything definitive. As of yesterday, the governor had vetoed all eight budget bills sent to him by the legislature.

III. Review Tuesday's subjects and take action on specific items

Chair Keely stated that we will review Tuesday's business session and take action on the following items:

A. Unit Price Recommendations (Page 28-29 and 47-48)

Motion by Mathisen, seconded by Schoonhoven to approve the Unit Price recommendations of the Needs Study Subcommittee. The motion carried unanimously.

B. Needs Study Subcommittee Recommendations (Page 55)

a. Engineering Cost Evaluation by Needs Study Task Force (NSTF)

Motion by Graham, seconded by Boppre to approve the Needs Study Task Force recommendation to evaluate actual engineering costs as a percentage of the construction costs for Municipal State Aid projects and to establish a

recommended unit price for future consideration by the Municipal Screening Board. The motion carried unanimously.

b. Traffic Signal Study

Motion by Freese, seconded by Graham recommending completion of a traffic signal unit price study by the Needs Study Subcommittee for determining future construction needs.

Previous motion was amended to include maintenance apportionments, cost and distribution on system and signal timing costs. The amended motion carried unanimously.

C. Unencumbered Construction Funds Subcommittee (UCFS) Recommendations (Page 53)

a. Advance Guidelines

Motion by Bot, seconded by Boppre recommending that allowable advances be increased to four times the annual construction allocation or \$3 million, whichever is less. The motion carried unanimously.

b. Length of "After the Fact" Needs Adjustments

Motion by Mathisen, seconded by Graham recommending the length of time for "After the Fact" needs adjustments for non-existing bridges, right-of-way, and retaining walls be increased from 15 years to 30 years effective immediately for expenses submitted this year on projects that will first be eligible for a needs adjustment in 2012.

The motion was withdrawn by Mathisen.

Motion by Salo, seconded by Freese recommending that the item be returned to the UCFS to provide additional information to the board. The motion carried unanimously.

c. Excess Balance Redistributed as Low Balance Incentive

It was recommended that no changes be made.

d. Road Rating Van

Motion by Schoonhoven, seconded by Exner recommending a pilot study of two cities as soon as practical. The motion carried unanimously.

D. Revise Municipal Screening Board Resolution (Page 77)

The wording of the proposed resolution revision was changed and approved as modified.

Motion by Elwood, seconded by Nemmers recommending the Municipal Screening Board resolutions be revised as follows:
That annually the Commissioner of Mn/DOT will 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. The motion carried unanimously.

IV. Other Items

There were no other items discussed.

V. Any Other Discussion Topics

Chair Keely reminded everyone to get their room receipts and mileage reimbursement forms with Map Quest map attached to Julee Puffer.

VI. Thank You

Chair Keely announced the retirement of Doug Haeder, District 7 State Aid engineer. She noted that he has attended screening board meetings for 20 plus years and thanked him for his participation.

A. Terry Mauer, Chair of the Needs Study Subcommittee

Chair Keely thanked Terry Mauer.

B. Chuck Ahl, Chair of the Unencumbered Construction Funds Subcommittee

Chair Keely thanked Chuck Ahl.

C. Shelly Pederson and Jeff Hulsether, Past Chairs of the Municipal Screening Board

Chair Keely thanked Pederson and Hulsether for their time.

D. Screening Board Members

Chair Keely thanked everyone at the table for their time and for taking the Needs Study Task Force information back to their district meetings. She thanked Marshall and Julee for setting up the meeting.

VII. Fall Screening Board Meeting

Chair Keely stated that the next Screening Board meeting will be held on October 25-26, 2011, at Ruttger's Bay Lake Lodge near Brainerd.

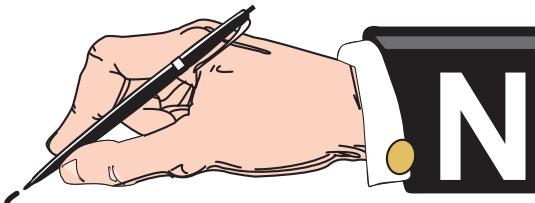
VIII. Chair Keely entertained a motion for adjournment.

**Motion by Mathisen, seconded by Boppre to adjourn the meeting at 10:30 AM.
Motion approved unanimously.**

Respectfully submitted,



Municipal Screening Board Secretary
Plymouth City Engineer



NOTES and COMMENTS

THEORETICAL 2012 M.S.A.S. POPULATION APPORTIONMENT

The 2010 Federal Census will be used to allocate 50% of the funds for the 2012 apportionment.

The following revision to the 1st Special Session 2001, Chapter 8, Article 2, Section 6 session law was passed during the 2002 legislative session:

Sec. 6. [STATE AID FOR CITIES.]

A city that has previously been classified as having a population of 5,000 or more for the purposes of Minnesota Statutes, chapter 162, and that has a population greater than 4,900 but less than 5,000 according to the 2000 federal census, is deemed to have a population of 5,000 for purposes of Minnesota Statutes, chapter 162, until June 30, 2004.

Chisholm, whose population fell to 4,960 in the 2000 federal census is the only city affected by this law change. Chisholm will be included in the State Aid allocation with a population of 5000.

Fifty percent of the total sum is distributed on a prorated share that each city population bears to the total population. Each city will earn approximately \$19.01 per capita in apportionment from the 2012 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 2012 apportionment becomes available.

Any adjustments made to the 2010 Federal Census will be presented in the January 2012 booklet. These adjustments could include population adjustments due to annexations and detachments and any revisions to the 2010 Census.

Based upon the 2010 Federal Census, five cities fell below the 5,000 population threshold. Byron, included in 2011 with a 2009 population estimate of 5,045 fell to 4,915. Circle Pines, included in 2007 with a 2005 population estimate of 5,072 fell to 4,919. Dayton, included in 2007 with a 2005 population estimate of 5,059 fell to 4,671. La Crescent included in 2003 with a 2001 population estimate of 5,013 fell to 4,830. Medina, included in 2011 with a 2009 population estimate of 5,026 fell to 4,892. This reduces the number of cities sharing in the MSAS allocation to 142.

2012 POPULATION SUMMARY

The 2011 population used for allocation are based on 2000 Federal Census or State Demographer and Met Council estimates, whichever is greater.
The 2012 population is based on the 2010 Census

N:\MSAS\BOOKS\2011 OCTOBER BOOK\POPULATION SUMMARY OCTOBER 2012.XLSX

Municipality	2010 CENSUS TO BE USED FOR THE JANUARY 2012 DISTRIBUTION	2000 CENSUS	POPULATION USED FOR THE JANUARY 2011 DISTRIBUTION	DIFFERENCE BETWEEN 2010 CENSUS AND POPULATION USED IN 2011	
				DIFFERENCE BETWEEN 2000 AND 2010 CENSUS	2010 CENSUS USED IN 2011
Albert Lea	18,016	18,366	18,366	(350)	(350)
Albertville	7,044	3,621	6,218	3,423	826
Alexandria	11,070	9,115	12,445	1,955	(1,375)
Andover	30,598	26,588	31,298	4,010	(700)
Anoka	17,142	18,076	18,076	(934)	(934)
Apple Valley	49,084	45,527	49,376	3,557	(292)
Arden Hills	9,552	9,652	10,137	(100)	(585)
Austin	24,718	23,314	23,745	1,404	973
Baxter	7,610	5,555	7,921	2,055	(311)
Belle Plaine	6,661	3,789	7,191	2,872	(530)
Bemidji	13,431	11,931	13,541	1,500	(110)
Big Lake	10,060	6,063	9,521	3,997	539
Blaine	57,186	44,942	58,020	12,244	(834)
Bloomington	82,893	85,172	85,172	(2,279)	(2,279)
Brainerd	13,590	13,382	13,956	208	(366)
Brooklyn Center	30,104	29,172	29,810	932	294
Brooklyn Park	75,781	67,388	75,306	8,393	475
Buffalo	15,453	10,104	14,193	5,349	1,260
Burnsville	60,306	60,220	61,042	86	(736)
Byron	0	3,500	5,045		(5,045)
Cambridge	8,111	5,520	7,644	2,591	467
Champlin	23,089	22,193	23,934	896	(845)
Chanhassen	22,952	20,321	23,629	2,631	(677)
Chaska	23,770	17,449	24,177	6,321	(407)
Chisholm	5,000	4,960	5,000		0
Circle Pines	0	4,663	5,279		(5,279)
Cloquet	12,124	11,201	11,855	923	269
Columbia Heights	19,496	18,520	18,520	976	976
Coon Rapids	61,476	61,607	63,162	(131)	(1,686)
Corcoran	5,379	5,630	5,842	(251)	(463)
Cottage Grove	34,589	30,582	34,502	4,007	87
Crookston	7,891	8,192	8,192	(301)	(301)
Crystal	22,151	22,698	22,698	(547)	(547)
Dayton	0	4,699	5,072		(5,072)
Delano	5,464	3,837	5,386	1,627	78
Detroit Lakes	8,569	7,425	8,633	1,144	(64)
Duluth	86,265	86,319	86,319	(54)	(54)
Eagan	64,206	63,557	65,933	649	(1,727)
East Bethel	11,626	10,941	12,090	685	(464)
East Grand Forks	8,601	7,501	7,908	1,100	693
Eden Prairie	60,797	54,901	62,536	5,896	(1,739)
Edina	47,941	47,425	49,491	516	(1,550)
Elk River	22,974	16,447	23,633	6,527	(659)
Fairmont	10,666	10,889	10,889	(223)	(223)
Falcon Heights	5,321	5,572	5,762	(251)	(441)
Faribault	23,352	20,835	23,312	2,517	40
Farmington	21,086	12,382	18,959	8,704	2,127
Fergus Falls	13,138	13,620	13,733	(482)	(595)
Forest Lake	18,375	14,440	17,496	3,935	879
Fridley	27,208	27,449	27,449	(241)	(241)

Municipality	2010 CENSUS TO BE USED FOR THE JANUARY 2012 DISTRIBUTION	2000 CENSUS	POPULATION USED FOR THE JANUARY 2011 DISTRIBUTION	DIFFERENCE BETWEEN 2000 AND 2010 CENSUS	DIFFERENCE BETWEEN AND POPULATION USED IN 2011
					2010 CENSUS
Glencoe	5,631	5,453	5,743	178	(112)
Golden Valley	20,371	20,281	20,312	90	59
Grand Rapids	10,869	7,892	10,576	2,977	293
Ham Lake	15,296	12,710	15,324	2,586	(28)
Hastings	22,172	18,204	22,491	3,968	(319)
Hermantown	9,414	8,047	9,526	1,367	(112)
Hibbing	16,361	17,071	17,071	(710)	(710)
Hopkins	17,591	17,145	17,290	446	301
Hugo	13,332	6,363	13,140	6,969	192
Hutchinson	14,178	13,081	14,073	1,097	105
International Falls	6,424	6,707	6,707	(283)	(283)
Inver Grove Heights	33,880	29,751	34,461	4,129	(581)
Isanti	5,251	2,324	5,569	2,927	(318)
Jordan	5,470	3,833	5,402	1,637	68
Kasson	5,931	4,398	5,553	1,533	378
LaCrescent	0	4,923	5,148		(5,148)
Lake City	5,063	5,054	5,250	9	(187)
Lake Elmo	8,069	6,863	8,326	1,206	(257)
Lakeville	55,954	43,128	55,772	12,826	182
Lino Lakes	20,216	16,791	20,305	3,425	(89)
Litchfield	6,726	6,562	6,813	164	(87)
Little Canada	9,773	9,771	10,036	2	(263)
Little Falls	8,343	7,723	8,413	620	(70)
Mahtomedi	7,676	7,563	8,143	113	(467)
Mankato	39,309	32,427	37,032	6,882	2,277
Maple Grove	61,567	50,365	62,660	11,202	(1,093)
Maplewood	38,018	34,947	37,755	3,071	263
Marshall	13,680	12,717	13,156	963	524
Medina	0	4,005	5,026		(5,026)
Mendota Heights	11,071	11,434	11,766	(363)	(695)
Minneapolis	382,578	382,618	386,691	(40)	(4,113)
Minnetonka	49,734	51,301	51,451	(1,567)	(1,717)
Minnetrista	6,384	4,358	6,296	2,026	88
Montevideo	5,383	5,346	5,416	37	(33)
Monticello	12,759	7,868	11,501	4,891	1,258
Moorhead	38,065	32,179	36,962	5,886	1,103
Morris	5,286	5,173	5,183	113	103
Mound	9,052	9,435	9,787	(383)	(735)
Mounds View	12,155	12,738	12,738	(583)	(583)
New Brighton	21,456	22,206	22,321	(750)	(865)
New Hope	20,339	20,873	20,873	(534)	(534)
New Prague	7,321	4,559	7,081	2,762	240
New Ulm	13,522	13,594	13,594	(72)	(72)
North Branch	10,125	8,023	10,354	2,102	(229)
North Mankato	13,394	11,800	13,045	1,594	349
North St. Paul	11,460	11,929	11,929	(469)	(469)
Northfield	20,007	17,147	19,786	2,860	221
Oak Grove	8,031	6,903	8,579	1,128	(548)
Oakdale	27,378	26,653	27,344	725	34
Orono	7,437	7,538	7,980	(101)	(543)
Otsego	13,571	6,389	13,562	7,182	9
Owatonna	25,599	22,436	25,433	3,163	166
Plymouth	70,576	65,894	71,930	4,682	(1,354)
Prior Lake	22,796	15,917	23,335	6,879	(539)
Ramsey	23,668	18,510	23,272	5,158	396
Red Wing	16,459	16,116	16,294	343	165
Redwood Falls	5,254	5,459	5,459	(205)	(205)

Municipality	2010 CENSUS TO BE USED FOR THE JANUARY 2012 DISTRIBUTION	2000 CENSUS	POPULATION USED FOR THE JANUARY 2011 DISTRIBUTION	DIFFERENCE BETWEEN 2000 AND 2010 CENSUS POPULATION	DIFFERENCE BETWEEN AND 2010 CENSUS USED IN 2011
					BETWEEN 2000 AND 2010 CENSUS POPULATION
Richfield	35,228	34,439	34,439	789	789
Robbinsdale	13,953	14,123	14,123	(170)	(170)
Rochester	106,769	86,806	104,559	19,963	2,210
Rogers	8,597	3,588	7,667	5,009	930
Rosemount	21,874	14,619	21,521	7,255	353
Roseville	33,660	33,690	34,178	(30)	(518)
Saint Anthony	8,226	8,102	8,514	124	(288)
Saint Cloud	65,842	59,111	65,741	6,731	101
Saint Francis	7,218	4,910	7,455	2,308	(237)
Saint Joseph	6,534	4,681	6,174	1,853	360
Saint Louis Park	45,250	44,126	46,293	1,124	(1,043)
Saint Michael	16,399	9,099	15,277	7,300	1,122
Saint Paul	285,068	287,151	287,501	(2,083)	(2,433)
Saint Paul Park	5,279	5,070	5,221	209	58
Saint Peter	11,196	9,747	10,917	1,449	279
Sartell	15,876	9,666	15,064	6,210	812
Sauk Rapids	12,773	10,221	13,133	2,552	(360)
Savage	26,911	21,115	27,567	5,796	(656)
Shakopee	37,076	20,570	34,691	16,506	2,385
Shoreview	25,043	25,924	25,924	(881)	(881)
Shorewood	7,307	7,400	7,618	(93)	(311)
South St. Paul	20,160	20,167	20,180	(7)	(20)
Spring Lake Park	6,412	6,772	6,772	(360)	(360)
Stewartville	5,916	5,431	5,955	485	(39)
Stillwater	18,225	15,143	18,235	3,082	(10)
Thief River Falls	8,573	8,410	8,525	163	48
Vadnais Heights	12,302	13,069	13,071	(767)	(769)
Victoria	7,345	4,025	6,727	3,320	618
Virginia	8,712	9,157	9,157	(445)	(445)
Waconia	10,697	6,821	10,183	3,876	514
Waite Park	6,715	6,568	6,747	147	(32)
Waseca	9,410	9,617	9,617	(207)	(207)
West St. Paul	19,540	19,405	19,405	135	135
White Bear Lake	23,797	24,325	24,734	(528)	(937)
Willmar	19,610	18,488	19,072	1,122	538
Winona	27,592	27,069	27,480	523	112
Woodbury	61,961	46,463	59,338	15,498	2,623
Worthington	12,764	11,287	11,405	1,477	1,359
Wyoming	7,791	3,048	7,013	4,743	778
Zimmerman	5,228	2,851	5,001	2,377	227
TOTAL	3,658,170	3,350,021	3,698,643	329,899	(40,473)

2012 TENTATIVE POPULATION APPORTIONMENT

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Municipality	Population Used for 2011 Allocation	Population to be used for 2012 Allocation	2011 Apport. Using 2000 Census or 09 Estimate	2012 Apportionment using the 2010 Census	Difference Between 2011 & 12 Apport.	% Increase (Decrease)
Albert Lea	18,366	18,016	\$345,311	\$342,478	(2,833)	(0.008)
Albertville	6,218	7,044	116,909	133,904	16,995	0.145
Alexandria	12,445	11,070	233,986	210,437	(23,549)	(0.101)
Andover	31,298	30,598	588,454	581,658	(6,796)	(0.012)
Anoka	18,076	17,142	339,859	325,864	(13,995)	(0.041)
Apple Valley	49,376	49,084	928,350	933,070	4,720	0.005
Arden Hills	10,137	9,552	190,592	181,580	(9,012)	(0.047)
Austin	23,745	24,718	446,445	469,881	23,436	0.052
Baxter	7,921	7,610	148,928	144,664	(4,264)	(0.029)
Belle Plaine	7,191	6,661	135,203	126,623	(8,580)	(0.063)
Bemidji	13,541	13,431	254,593	255,319	726	0.003
Big Lake	9,521	10,060	179,010	191,237	12,227	0.068
Blaine	58,020	57,186	1,090,871	1,087,086	(3,785)	(0.003)
Bloomington	85,172	82,893	1,601,374	1,575,768	(25,606)	(0.016)
Brainerd	13,956	13,590	262,396	258,341	(4,055)	(0.015)
Brooklyn Center	29,810	30,104	560,477	572,267	11,790	0.021
Brooklyn Park	75,306	75,781	1,415,877	1,440,571	24,694	0.017
Buffalo	14,193	15,453	266,852	293,756	26,904	0.101
Burnsville	61,042	60,306	1,147,690	1,146,397	(1,293)	(0.001)
Byron	5,045	0	94,854	0	(94,854)	(1.000)
Cambridge	7,644	8,111	143,720	154,187	10,467	0.073
Champlin	23,934	23,089	449,999	438,914	(11,085)	(0.025)
Chanhassen	23,629	22,952	444,264	436,310	(7,954)	(0.018)
Chaska	24,177	23,770	454,567	451,860	(2,707)	(0.006)
Chisholm	5,000	5,000	94,008	95,048	1,040	0.011
Circle Pines	5,279	0	99,254	0	(99,254)	(1.000)
Cloquet	11,855	12,124	222,893	230,473	7,580	0.034
Columbia Heights	18,520	19,496	348,206	370,612	22,406	0.064
Coon Rapids	63,162	61,476	1,187,549	1,168,638	(18,911)	(0.016)
Corcoran	5,842	5,379	109,839	102,253	(7,586)	(0.069)
Cottage Grove	34,502	34,589	648,694	657,525	8,831	0.014
Crookston	8,192	7,891	154,023	150,005	(4,018)	(0.026)
Crystal	22,698	22,151	426,760	421,083	(5,677)	(0.013)
Dayton	5,072	0	95,362	0	(95,362)	(1.000)
Delano	5,386	5,464	101,266	103,869	2,603	0.026
Detroit Lakes	8,633	8,569	162,315	162,894	579	0.004
Duluth	86,319	86,265	1,622,939	1,639,868	16,929	0.010
Eagan	65,933	64,206	1,239,649	1,220,534	(19,115)	(0.015)
East Bethel	12,090	11,626	227,312	221,006	(6,306)	(0.028)
East Grand Forks	7,908	8,601	148,683	163,502	14,819	0.100
Eden Prairie	62,536	60,797	1,175,780	1,155,730	(20,050)	(0.017)

Municipality	Population Used for 2011 Allocation	Population to be used for 2012 Allocation	2011 Apport. Using 2000 Census or 09 Estimate	2012 Apportionment using the 2010 Census	Difference Between 2011 & 12 Apport.	% Increase (Decrease)
Edina	49,491	47,941	\$930,512	\$911,342	(19,170)	(0.021)
Elk River	23,633	22,974	444,339	436,728	(7,611)	(0.017)
Fairmont	10,889	10,666	204,731	202,757	(1,974)	(0.010)
Falcon Heights	5,762	5,321	108,335	101,150	(7,185)	(0.066)
Faribault	23,312	23,352	438,304	443,914	5,610	0.013
Farmington	18,959	21,086	356,460	400,838	44,378	0.124
Fergus Falls	13,733	13,138	258,203	249,749	(8,454)	(0.033)
Forest Lake	17,496	18,375	328,954	349,303	20,349	0.062
Fridley	27,449	27,208	516,086	517,215	1,129	0.002
Glencoe	5,743	5,631	107,978	107,043	(935)	(0.009)
Golden Valley	20,312	20,371	381,899	387,246	5,347	0.014
Grand Rapids	10,576	10,869	198,846	206,616	7,770	0.039
Ham Lake	15,324	15,296	288,116	290,772	2,656	0.009
Hastings	22,491	22,172	422,868	421,482	(1,386)	(0.003)
Hermantown	9,526	9,414	179,104	178,957	(147)	(0.001)
Hibbing	17,071	16,361	320,963	311,017	(9,946)	(0.031)
Hopkins	17,290	17,591	325,080	334,399	9,319	0.029
Hugo	13,140	13,332	247,054	253,437	6,383	0.026
Hutchinson	14,073	14,178	264,596	269,519	4,923	0.019
International Falls	6,707	6,424	126,103	122,118	(3,985)	(0.032)
Inver Grove Heights	34,461	33,880	647,923	644,047	(3,876)	(0.006)
Isanti	5,569	5,251	104,706	99,820	(4,886)	(0.047)
Jordan	5,402	5,470	101,566	103,983	2,417	0.024
Kasson	5,553	5,931	104,406	112,746	8,340	0.080
La Crescent	5,148	0	96,791	0	(96,791)	(1.000)
Lake City	5,250	5,063	98,709	96,246	(2,463)	(0.025)
Lake Elmo	8,326	8,069	156,542	153,389	(3,153)	(0.020)
Lakeville	55,772	55,954	1,048,605	1,063,667	15,062	0.014
Lino Lakes	20,305	20,216	381,767	384,299	2,532	0.007
Litchfield	6,813	6,726	128,096	127,859	(237)	(0.002)
Little Canada	10,036	9,773	188,693	185,781	(2,912)	(0.015)
Little Falls	8,413	8,343	158,178	158,598	420	0.003
Mahtomedi	8,143	7,676	153,102	145,918	(7,184)	(0.047)
Mankato	37,032	39,309	696,262	747,251	50,989	0.073
Maple Grove	62,660	61,567	1,178,111	1,170,368	(7,743)	(0.007)
Maplewood	37,755	38,018	709,856	722,709	12,853	0.018
Marshall	13,156	13,680	247,354	260,052	12,698	0.051
Medina	5,026	0	94,497	0	(94,497)	(1.000)
Mendota Heights	11,766	11,071	221,220	210,456	(10,764)	(0.049)
Minneapolis	386,691	382,578	7,270,427	7,272,678	2,251	0.000
Minnetonka	51,451	49,734	967,363	945,426	(21,937)	(0.023)
Minnetrista	6,296	6,384	118,375	121,358	2,983	0.025
Montevideo	5,416	5,383	101,830	102,329	499	0.005
Monticello	11,501	12,759	216,238	242,544	26,306	0.122
Moorhead	36,962	38,065	694,946	723,603	28,657	0.041
Morris	5,183	5,286	97,449	100,485	3,036	0.031
Mound	9,787	9,052	184,012	172,075	(11,937)	(0.065)
Mounds View	12,738	12,155	239,495	231,062	(8,433)	(0.035)
New Brighton	22,321	21,456	419,671	407,871	(11,800)	(0.028)

Municipality	Population Used for 2011 Allocation	Population to be used for 2012 Allocation	2011 Apport. Using 2000 Census or 09 Estimate	2012 Apportionment using the 2010 Census	Difference Between 2011 & 12 Apport.	% Increase (Decrease)
New Hope	20,873	20,339	\$392,447	\$386,637	(5,810)	(0.015)
New Prague	7,081	7,321	133,134	139,170	6,036	0.045
New Ulm	13,594	13,522	255,590	257,049	1,459	0.006
North Branch	10,354	10,125	194,672	192,473	(2,199)	(0.011)
North Mankato	13,045	13,394	245,267	254,615	9,348	0.038
North St. Paul	11,929	11,460	224,285	217,851	(6,434)	(0.029)
Northfield	19,786	20,007	372,009	380,326	8,317	0.022
Oak Grove	8,579	8,031	161,299	152,667	(8,632)	(0.054)
Oakdale	27,344	27,378	514,112	520,446	6,334	0.012
Orono	7,980	7,437	150,037	141,375	(8,662)	(0.058)
Otsego	13,562	13,571	254,988	257,980	2,992	0.012
Owatonna	25,433	25,599	478,182	486,628	8,446	0.018
Plymouth	71,930	70,576	1,352,402	1,341,626	(10,776)	(0.008)
Prior Lake	23,335	22,796	438,736	433,344	(5,392)	(0.012)
Ramsey	23,272	23,668	437,552	449,921	12,369	0.028
Red Wing	16,294	16,459	306,354	312,880	6,526	0.021
Redwood Falls	5,459	5,254	102,638	99,877	(2,761)	(0.027)
Richfield	34,439	35,228	647,510	669,672	22,162	0.034
Robbinsdale	14,123	13,953	265,536	265,242	(294)	(0.001)
Rochester	104,559	106,769	1,965,881	2,029,642	63,761	0.032
Rogers	7,667	8,597	144,152	163,426	19,274	0.134
Rosemount	21,521	21,874	404,630	415,817	11,187	0.028
Roseville	34,178	33,660	642,603	639,865	(2,738)	(0.004)
St. Anthony	8,514	8,226	160,077	156,373	(3,704)	(0.023)
St. Cloud	65,741	65,842	1,236,039	1,251,634	15,595	0.013
St. Francis	7,455	7,218	140,166	137,212	(2,954)	(0.021)
St. Joseph	6,174	6,534	116,081	124,209	8,128	0.070
St. Louis Park	46,293	45,250	870,385	860,187	(10,198)	(0.012)
St. Michael	15,277	16,399	287,233	311,739	24,506	0.085
St. Paul	287,501	285,068	5,405,491	5,419,046	13,555	0.003
St. Paul Park	5,221	5,279	98,163	100,352	2,189	0.022
St. Peter	10,917	11,196	205,258	212,832	7,574	0.037
Sartell	15,064	15,876	283,228	301,797	18,569	0.066
Sauk Rapids	13,133	12,773	246,922	242,810	(4,112)	(0.017)
Savage	27,567	26,911	518,305	511,569	(6,736)	(0.013)
Shakopee	34,691	37,076	652,248	704,802	52,554	0.081
Shoreview	25,924	25,043	487,414	476,059	(11,355)	(0.023)
Shorewood	7,618	7,307	143,231	138,904	(4,327)	(0.030)
South St. Paul	20,180	20,160	379,417	383,235	3,818	0.010
Spring Lake Park	6,772	6,412	127,325	121,890	(5,435)	(0.043)
Stewartville	5,955	5,916	111,964	112,461	497	0.004
Stillwater	18,235	18,225	342,848	346,451	3,603	0.011
Thief River Falls	8,525	8,573	160,284	162,970	2,686	0.017
Vadnais Heights	13,071	12,302	245,756	233,857	(11,899)	(0.048)
Victoria	6,727	7,345	126,479	139,626	13,147	0.104
Virginia	9,157	8,712	172,167	165,612	(6,555)	(0.038)
Waconia	10,183	10,697	191,457	203,346	11,889	0.062

Municipality	Population Used for 2011 Allocation	Population to be used for 2012 Allocation	2011 Apport. Using 2000 Census or 09 Estimate	2012 Apportionment using the 2010 Census	Difference Between 2011 & 12 Apport.	% Increase (Decrease)
Waite Park	6,747	6,715	\$126,855	\$127,650	795	0.006
Waseca	9,617	9,410	180,815	178,881	(1,934)	(0.011)
West St. Paul	19,405	19,540	364,846	371,449	6,603	0.018
White Bear Lake	24,734	23,797	465,040	452,373	(12,667)	(0.027)
Willmar	19,072	19,610	358,585	372,779	14,194	0.040
Winona	27,480	27,592	516,669	524,515	7,846	0.015
Woodbury	59,338	61,961	1,115,652	1,177,858	62,206	0.056
Worthington	11,405	12,764	214,434	242,639	28,205	0.132
Wyoming	7,013	7,791	131,857	148,105	16,248	0.123
Zimmerman	5,001	5,228	94,028	99,384	5,356	0.057
TOTAL	3,698,643	3,658,170	\$69,540,569	\$69,540,569	\$0	

Population apportionment equals total population apportionment divided by the total population times the city's population.

2011	<u>\$69,540,569</u> 3,698,643	Equals	\$18.8016 Per person
2012	<u>\$69,540,569</u> 3,658,170	Equals	\$19.0097 Per person

The population difference between 2011 and 2012 for allocation purposes is **(40,473)**

76 Cities Increased their population allocation.

71 Cities Decreased their population allocation.

Effects of the 2011 Needs Study Update

The following tabulation reflects the total difference between the 2010 and the 2011 25-year construction (money) needs study. This update was accomplished in four phases to measure the effect each type of revision has to the total needs.

1. Accomplishments and system revisions -- Reflects need changes due to construction, the addition of 20 year reinstatement and the addition of needs for new street designations or a reduction for revocations. This is called the Normal Needs Update.
2. Traffic Count Update -- is the result of the 2010 traffic counts updated in 2011. Traffic Data Management Services completed traffic maps of 33 municipalities whose traffic was counted in 2010.
3. Roadway Unit Cost Revisions -- measures the effect on the needs between last year's roadway unit prices to the unit prices approved by the Screening Board at the 2011 Spring Meeting.
4. Structure and Railroad Cost Revisions -- measures the effect on the needs between last year's structure and railroad unit prices to the unit prices approved by the Screening Board at the 2011 Spring Meeting.

The resulting 2010 Unadjusted Construction Needs as adjusted in the "Tentative 2012 Adjusted Construction Needs Apportionment" spreadsheet in this booklet will be used in computing the 2012 Construction (money) needs apportionment.

EFFECTS OF THE 2011 M.S.A.S NEEDS STUDY UPDATE

EFFECTS OF THE REVISIONS TO THE 2010 NEEDS, UPDATED IN 2011 FOR THE JANUARY 2012 APPORTIONMENT

Municipality	2009 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Traffic Update	Percent Change	Roadway Unit Cost Update	Percent change	Effect of Railroad Update	Percent Change	2010 Unadjusted Construction Needs	Net Change	Percent change 2009 to 2010
Albert Lea	\$38,094,048	\$1,179,258	3.10%	\$0	0%	\$1,101,404	2.89%	\$189,373	0.50%	\$40,564,083	\$2,470,035	6.48%
Albertville	11,784,691	(23)	0.00%	0	-0.28%	368,154	3.12%	30,500	0.26%	12,183,322	388,631	3.38%
Alexandria	40,633,361	(1,151,075)	-2.83%	(119,119)	-0.29%	1,272,528	3.13%	122,000	0.30%	40,757,695	124,334	0.31%
Andover	56,882,218	40,932	0.07%	76,603	0.13%	1,819,370	3.20%	30,500	0.05%	58,849,623	1,987,405	3.46%
Anoka	18,956,836	14	0.00%	0	0.00%	630,862	3.33%	0	0%	19,587,712	630,876	3.33%
Apple Valley	48,931,616	6,558,651	13.40%	(10,370)	-0.02%	1,887,937	3.82%	0	0%	57,367,834	8,416,218	17.19%
Arden Hills	9,038,906	(272,487)	-3.01%	0	0.00%	268,390	2.97%	30,500	0.34%	9,065,309	26,403	0.29%
Austin	44,308,421	766,425	1.73%	0	0.00%	1,024,169	2.31%	(406,736)	-0.92%	45,692,279	1,333,858	3.12%
Baxter	16,551,333	9,569,525	9.50%	0	0.00%	585,836	3.55%	15,250	0.09%	18,684,944	2,110,611	13.44%
Belle Plaine	10,333,585	(141,889)	-1.37%	(2,028)	-0.02%	338,978	3.26%	0	0%	10,578,646	195,061	1.38%
Bemidji	17,641,311	3,034,163	17.20%	(52,544)	-0.30%	650,928	3.69%	61,000	0.35%	21,334,858	3,693,547	20.94%
Big Lake	12,514,893	1,376,383	11.00%	(10,236)	-0.08%	450,714	3.60%	0	0%	14,331,764	1,816,871	14.52%
Blaine	41,866,933	215,991	0.53%	0	0.00%	1,339,567	3.26%	0	0%	42,642,491	1,555,558	3.79%
Bloomington	130,633,168	(2,009,002)	-1.54%	37,332	0.03%	4,117,238	3.15%	68,211	0.05%	132,866,947	2,213,779	1.69%
Brainerd	25,499,919	640,765	2.51%	0	0.00%	775,255	3.04%	(37,381)	-0.15%	26,878,558	1,378,639	5.41%
Brooklyn Center	18,828,146	(1,625,867)	-8.64%	0	0.00%	567,465	3.01%	(34,202)	-0.18%	17,735,542	(1,002,604)	-5.80%
Brooklyn Park	47,192,944	(536,564)	-1.14%	0	0.00%	1,608,039	3.41%	0	0%	48,264,419	1,227,655	4.27%
Buffalo	25,565,179	361,012	1.41%	0	0.00%	797,464	3.12%	61,000	0.24%	26,784,655	1,219,476	4.77%
Burnsville	75,788,736	(743,524)	-0.98%	(200,812)	-0.27%	2,491,929	3.29%	61,000	0.08%	77,377,329	1,608,593	2.12%
Byron	5,287,200	(5,287,200)	-100.00%	0	0.00%	0	0.00%	0	0%	0	(5,287,200)	-100.00%
Cambriae	11,837,874	3,357,442	28.38%	0	0.00%	457,242	3.86%	(60,975)	-0.52%	15,591,583	3,753,709	31.71%
Champlin	21,287,406	106,533	0.58%	15,568	0.07%	720,932	3.29%	0	0%	22,110,239	822,933	3.98%
Chanhassen	22,157,384	214,571	0.97%	0	0.00%	742,983	3.36%	(7,084)	-0.03%	23,087,884	950,470	4.29%
Chaska	25,915,665	267,956	1.03%	36,968	0.14%	724,258	2.79%	27,242	0.11%	26,972,089	1,056,424	4.08%
Chisholm	11,937,162	339,678	2.85%	0	0.00%	393,013	3.29%	(817)	-0.01%	12,669,036	731,874	6.13%
Circle Pines	3,491,875	(3,491,875)	-100.00%	0	0.00%	0	0.00%	0	0%	0	(3,491,875)	-100.00%
Cloquet	27,576,152	351,842	1.28%	99,054	0.36%	857,528	3.11%	61,000	0.22%	28,945,576	1,389,424	4.97%
Columbia Heights	19,740,223	559,094	2.83%	0	0.00%	652,583	3.31%	0	0%	20,951,900	1,211,677	6.14%
Coon Rapids	65,123,006	(942,835)	-1.45%	0	0.00%	1,849,561	2.84%	(223,666)	-0.34%	65,806,065	683,060	1.05%
Corcoran	17,246,631	1,038,447	6.02%	0	0.00%	530,669	3.08%	(11,529)	-0.07%	18,304,218	1,557,587	9.03%
Cottage Grove	54,371,788	2,411,272	4.43%	0	0.00%	1,796,524	3.30%	0	0%	54,971,584	4,207,796	7.74%
Crookston	25,912,579	86	0.00%	0	0.00%	425,126	1.64%	(210,781)	-0.81%	26,127,000	24,442	0.83%
Crystal	15,562,454	(949,712)	-6.10%	0	0.00%	480,569	3.09%	30,500	0.20%	15,123,811	(438,643)	-2.82%
Dayton	7,797,988	(7,797,988)	-100.00%	0	0.00%	0	0.00%	0	0%	0	(7,797,988)	-100.00%
Delano	12,577,808	(285,260)	-2.11%	0	0.00%	340,056	2.70%	(68,320)	-0.54%	12,584,284	6,476	0.05%
Detroit Lakes	19,156,078	(6)	0.00%	0	0.00%	609,822	3.18%	30,500	0.16%	19,796,394	640,316	3.34%
Duluth	227,532,521	(803,743)	-0.35%	0	0.00%	6,628,104	2.91%	(78,561)	-0.03%	233,276,321	5,743,800	2.52%
Eagan	79,037,562	1,508,041	1.91%	(444,742)	-0.56%	2,655,604	3.36%	183,000	0.23%	82,989,465	3,901,903	4.33%
East Bethel	37,153,282	(1,573,491)	-4.24%	0	0.00%	1,081,266	2.94%	0	0%	36,871,057	(432,225)	-1.30%
East Grand Forks	23,528,857	39,888	0.17%	0	0.00%	676,096	2.87%	(99,125)	-0.42%	24,145,716	6,168,859	2.62%
Eden Prairie	63,190,656	2,512,426	3.98%	0	0.00%	2,066,205	3.27%	0	0%	67,769,287	4,578,631	7.25%
Edina	52,086,177	(1,170,553)	-2.25%	0	0.00%	1,582,844	3.04%	(126,838)	-0.24%	52,371,630	285,453	0.55%
Elk River	46,029,921	(11,658)	-0.03%	(104,108)	-0.23%	1,434,853	3.12%	61,000	0.13%	47,410,008	1,380,087	3.00%
Fairmont	31,674,100	(906,833)	-2.88%	(240,123)	-0.76%	952,981	3.01%	30,500	0.10%	31,510,565	(113,535)	-0.52%
Falcon Heights	2,902,925	(4)	0.00%	0	0.00%	97,312	3.28%	0	0%	3,060,233	97,308	3.28%
Faribault	39,114,857	930,317	2.38%	0	0.00%	1,111,842	2.84%	102,444	0.26%	41,259,460	2,144,603	5.48%
Farmington	23,312,964	499,061	2.14%	0	0.00%	675,961	2.90%	14,766	0.06%	24,502,772	1,199,808	5.10%
Fergus Falls	42,902,722	686,578	1.60%	0	0.00%	1,235,929	2.88%	261,275	0.61%	45,086,504	2,133,782	5.09%
Forest Lake	36,113,541	16,170,788	44.78%	48,188	0.13%	1,618,675	4.48%	53,951,192	17,837,651	53,939		
Fridley	32,050,008	52	0.28%	0	0.00%	1,047,013	3.27%	45,750	0.14%	33,152,823	1,032,815	3.41%
Glencoe	11,351,616	600,095	5.28%	0	0.00%	390,042	3.44%	0	0%	12,341,753	980,137	8.72%
Golden Valley	28,910,395	1,850,160	6.39%	0	0.00%	893,145	3.08%	263,847	0.91%	31,977,547	3,017,152	10.38%

Municipality	2009 Unadjusted Construction Needs	Effect of Normal Percent change Update	Effect of Traffic Update	Percent Change	Effect of Roadway Unit Cost Update	Percent change	Effect of Railroad Update	Percent Change	2010 Unadjusted Construction Needs	Net Change	Percent of change 2009 to 2010		
Grand Rapids	\$6,602,680	17.48%	\$0	3.44%	\$1,302,298	3.11%	(\$66,284)	-0.18%	\$45,649,405	\$7,388,684	20.73%		
Ham Lake	30,414,019	(93,722)	-3.04%	0	945,389	0	30,433,866	-19,667	0	0.06%			
Hastings	17,324,195	(2,310,269)	-13.32%	0	523,471	3.02%	0	15,855,397	(1,786,798)	-10.30%			
Hermitage	26,638,882	(10)	0.00%	0	823,223	3.09%	0	27,462,095	823,213	3.09%			
Hibbing	62,363,230	(637,375)	-1.02%	0	1,826,440	2.93%	213,500	0.34%	63,765,795	1,402,565	2.25%		
Hopkins	149,754	(27)	0.00%	0	456,061	3.24%	0	14,553,575	456,034	3.23%			
Hugo	20,063,141	(644,266)	-3.21%	(4,408)	-0.02%	545,817	2.72%	0	19,960,284	(102,857)	-0.51%		
Hutchinson	22,520,062	(221,754)	-0.98%	0	671,547	2.98%	(46,665)	-0.21%	22,923,190	403,128	1.79%		
International Falls	10,471,386	652,921	6.24%	0	369,257	3.53%	0	11,493,564	1,022,178	9.76%			
Inver Grove Heights	52,873,718	(895,492)	-1.68%	45,550	0.09%	1,716,515	3.25%	0	53,740,291	866,573	1.64%		
Irsanti	74,485,629	445,262	5.55%	0	228,649	3.06%	61,000	0.82%	8,186,540	704,911	9.42%		
Jordan	9,818,094	4	0.00%	19,497	0.20%	260,608	2.65%	60,350	0.62%	10,158,583	340,499	3.47%	
Kasson	6,749,234	58,242	0.86%	1,170	0.02%	222,314	3.29%	0	7,030,960	281,726	4.17%		
La Crescent	8,442,343	(8,442,343)	-100.00%	0	0	0.00%	0	0	0	(8,442,343)	-100.00%		
Lake City	9,265,100	(1,131,514)	-12.24%	546	0.01%	275,067	2.97%	0	8,390,199	(855,901)	-9.28%		
Lake Elmo	13,086,523	936,957	7.19%	0	449,608	3.45%	0	14,145,098	1,306,565	10.64%			
Lakeville	74,809,606	714,616	0.96%	0	2,401,478	3.21%	122,000	0.16%	78,047,700	3,238,094	4.33%		
Lino Lakes	29,422,780	3,518,625	11.96%	(5,213)	-0.02%	1,055,185	3.59%	0	33,391,377	4,568,597	15.53%		
Litchfield	13,746,834	(7)	0.00%	0	405,299	2.95%	0	14,152,126	486,292	2.96%			
Little Canada	13,377,065	487,597	3.65%	(82,543)	-0.62%	391,437	2.93%	0	14,173,556	76,491	5.96%		
Little Falls	23,722,719	957,639	4.04%	0	803,838	3.39%	30,500	0.13%	25,514,696	1,731,977	7.55%		
Mahometti	8,090,730	1,632,858	20.18%	0	298,575	3.69%	0	10,022,163	1,931,433	23.87%			
Mankato	54,438,693	1,532,261	2.81%	0	1,861,579	3.42%	(8,784)	-0.02%	57,823,749	3,395,056	6.22%		
Maple Grove	83,031,924	972,150	1.17%	(125,253)	-0.15%	2,753,027	3.32%	122,000	0.15%	86,753,848	3,721,924	4.48%	
Maplewood	45,146,447	(84,770)	-0.19%	0	1,488,988	3.30%	0	46,550,665	1,404,218	3.11%			
Marshall	24,766,270	(97,778)	-0.38%	58,487	0.24%	795,013	3.21%	(20,203)	-0.08%	25,801,789	757,519	2.97%	
Medina	7,943,046	(7,943,046)	0	0	0	0	0	0	0	(7,943,046)	-100.00%		
Mendota Heights	20,345,907	1,810,303	8.90%	(9,126)	-0.04%	721,526	3.55%	0	22,868,610	2,522,703	12.40%		
Minneapolis	382,327,184	17,640,807	4.61%	0	10,350,301	2.71%	(1,040,949)	-0.27%	409,277,343	26,950,159	7.05%		
Minnetonka	72,849,077	1,201,565	1.65%	81,184	0.11%	2,367,103	3.25%	61,000	0.08%	76,559,949	3,710,872	5.09%	
Minnetrista	16,381,851	2,521,103	15.38%	0	587,069	3.58%	0	19,490,023	3,108,172	18.97%			
Montevideo	8,563,267	(187,315)	-2.18%	0	283,153	3.30%	0	8,679,105	95,838	1.12%			
Monticello	13,387,607	268,549	2.01%	0	445,824	3.33%	0	14,101,980	714,373	5.34%			
Moorhead	69,565,565	(1,151,177)	-1.65%	0	1,709,654	2.46%	(355,764)	-0.51%	69,768,278	202,713	0.29%		
Morris	9,431,661	(17)	0.00%	0	3,270,242	3.31%	0	9,743,886	312,225	3.31%			
Mound	13,982,742	(59)	0.00%	0	448,213	3.21%	0	14,430,886	448,154	3.21%			
Mounds View	13,759,390	(657,803)	-4.79%	0	422,448	3.07%	0	13,504,035	(255,355)	-1.71%			
New Brighton	23,220,858	(274,038)	-1.18%	0	621,000	2.67%	215,676	0.93%	23,783,486	52,638	2.42%		
New Hope	19,898,622	350,959	1.77%	0	588,747	2.96%	45,793	0.23%	20,855,078	985,456	4.96%		
New Prague	6,233,411	1,154,947	18.47%	0	236,062	3.77%	0	7,644,420	1,391,009	22.24%			
New Ulm	29,488,950	(81,176)	-0.28%	17,442	0.06%	788,805	2.67%	183,000	0.62%	30,397,021	908,071	3.08%	
North Branch	30,542,146	137,663	0.45%	0	1,012,279	3.31%	13,951	0.05%	31,706,039	1,153,893	3.81%		
North Mankato	23,149,604	210,578	0.91%	0	802,186	3.47%	0	10,159,010	311,047	3.16%			
North Saint Paul	16,318,119	(86,990)	-0.53%	0	533,606	3.36%	0	26,327,202	1,584,294	6.40%			
Northfield	22,658,279	(539,509)	-2.38%	0	590,735	2.61%	(20,935)	-0.09%	22,688,570	30,570	0.13%		
Oak Grove	29,399,105	(70)	0.00%	0	937,586	3.19%	0	30,336,621	937,516	3.19%			
Oakdale	12,023,125	1,546,084	12.88%	(172,193)	-1.43%	440,439	3.66%	0	13,837,485	1,814,330	15.09%		
Orono	9,847,963	(8)	0.00%	0	311,055	3.16%	0	10,162,368	1,012,764	21.32%			
Otsego	24,742,908	753,415	3.04%	0	830,879	3.36%	0	41,704,675	2,344,556	5.96%			
Owatonna	39,350,119	1,194,690	3.04%	0	1,088,866	2.77%	61,000	0.15%	85,686,864	3,129,459	3.79%		
Plymouth	82,557,405	372,862	0.45%	0	2,605,597	3.27%	61,000	0.07%	85,686,864	3,129,459	3.79%		
Prior Lake	19,531,321	3,412,217	17.47%	0	751,318	3.85%	0	23,694,856	4,133,535	16.40%			
Ramsey	41,613,102	270,941	0.65%	0	1,376,414	3.31%	0	43,260,457	1,647,355	3.96%			
Red Wing	36,633,622	125,305	0.34%	0	1,127,033	3.07%	61,000	0.17%	37,966,950	1,313,338	3.58%		
Redwood Falls	12,140,012	786,454	6.48%	0	419,957	3.46%	0	13,346,423	1,206,411	9.94%			
Richtfield	33,818,201	(2,317,547)	-7.03%	0	1,004,542	2.97%	91,500	0.27%	32,536,636	(1,281,505)	-3.79%		

Municipality	2009 Unadjusted Construction Needs	Effect of Normal Percent change Update	Effect of Traffic Update	Percent Change	Effect of Roadway Unit Cost Update	Percent change	Effect of Railroad Update	Percent Change	2010 Unadjusted Construction Needs	Net Change	Percent of change 2009 to 2010	
Robbinsdale	\$13,903,781 (\$164,985)	-1.18%	\$0		\$43,255 4,581,030	3.17% 3.12%	\$30,500 (87,139)	0.22% -0.06%	\$14,272,551 154,372,565	\$308,770 7,697,592	2.21% 5.25%	
Rochester	146,674,973 3,203,701	2.18%	0		429,715 1,289,226	3.25% 3.17%	0 122,000	0 0.30%	13,676,574 42,561,507	435,456 1,845,637	3.29% 4.53%	
Rogers	13,241,118 5,741	0.04%	0		1,066,527 1,312%	0.06% 3.12%	112,436 35,249,225	0.33% 0.33%	1,079,693 1,079,693		3.16%	
Rosemount	40,715,870 376,339	0.92%	58,072 0	0.14%								
Roseville	34,169,532 (99,330)	-0.28%	0									
St Anthony	8,400,270 (318,834)	-3.80%	0		265,437 1,262,920	3.16% 3.14%	0 0		8,346,133 (214,501)		-0.64% -0.21%	
St Cloud	101,938,046 1,565,752	1.52%	0		3,059,066 8,096,696	3.00% 2.64%			106,328,363 (855,108)	4,390,317 -0.28%	4.31% -22.68%	
St Francis	19,031,643 3,601,504	18.87%	10,370 0	0.05%	715,234 170,272	3.75% 3.18%	0 0		23,408,751 (513,264)	4,327,108 5,196,263	22.68% -3.06%	
St Joseph	5,360,088 (334,098)	-6.23%	0									
St Louis Park	43,543,750 218,283	0.50%	0		1,310,637 825,602	3.01% 3.50%			45,006,973 25,958,165	1,443,223 2,358,903	3.36% 10.00%	
St Michael	40,187,684 (1,008,778)	-2.51%	0		1,262,920 8,096,696	3.14% 2.64%	0 0		40,444,826 (855,108)	40,444,826 -0.28%	0.53% 3.24%	
St Paul	306,588,299 2,687,488	0.88%	0		8,096,696 194,725	3.00% 3.30%			316,517,374 (6106,072)	9,929,075 211,935	3.24% 3.60%	
St Paul Park	5,884,137 17,210	0.29%	0									
St Peter	23,599,262 1,553,301	6.50%	0									
Sartell	19,734,388 (2,679,481)	-13.58%	0									
Sauk Rapids	16,448,808 (1,008,778)	0.21%	0		556,180 767,529	3.24% 2.89%			17,033,801 (28750,384)	556,083 8,216,166	3.56% -3.09%	
Savage	26,572,550 (1,606,760)	-6.08%	0		1,098,260 713,634	3.16% 3.26%			36,265,055 23,709,866	1,504,100 1,844,271	4.33% 8.43%	
Shakopee	34,760,955 222,840	0.64%	0									
Shoreview	21,885,695 1,130,637	5.17%	0		275,590 723,804	3.02% 3.58%	0 153,640	0 3.43%	3,390,133 4,632,372	3,02% 153,643	8.02% 3.43%	
Shorewood	9,114,569 (26)	0.00%	0									
South St Paul	20,191,270 4,478,729	5.15%	0		1,036,650 3,00%	3.02% 3.43%	0 191,304	0 3.43%	27,556,4	3,02% 3,372	8.79% 6.37%	
Spring Lake Park	5,582,593 164,152	2.94%	0									
Stewartville	23,520,863 284,979	1.21%	0									
Stillwater	29,775,792 1,028,657	3.46%	0		809,219 (7,405)	2.72% -0.08%	61,000 61,000	0.26% 0.23%	24,623,902 67,271	2,358,903 0.23%	4.69% 6.41%	
Thief River Falls	8,974,642 (20)	0.00%			289,945 (7,405)	3.23% -0.08%	0 0		31,640,939 61,000	1,905,147 0.23%	6.41%	
Vadnais Heights	6,154,998 (11)	0.00%	0		205,617 708,674	3.34% 3.19%	0 0		9,257,162 15,122,831	282,520 147,201	3.15% 0.38%	
Victoria	22,241,596 873,814	3.93%	0						6,360,604 1,522,488	205,606 1,522,488	3.34% 7.11%	
Virginia	13,980,916 212,613	1.52%	9,126	0.07%					14,663,518 5,963,618	632,602 1,143,403	4.88% 23.72%	
Waite Park	4,820,214 912,784	18.94%	0		169,619 337,374	3.52% 3.23%	61,000 61,000	1.27% 0.58%	1,195,720 1,195,720	1,132,214 1,132,214	11.03% 11.03%	
Waseca	10,443,506 753,840	7.22%	0									
West St Paul	14,975,630 (337,971)	-2.26%	0		485,172 557,076	3.24% 2.95%	0 61,000	0.32% 0.32%	15,122,831 17,966,683	147,201 (910,529)	0.38% -4.82%	
White Bear Lake	18,877,222 (1,528,605)	-8.10%	0		1,089,896 923,946	3.22% 3.28%	30,500 0	0.05% 0.05%	21,50,896 27,938,884	2,150,896 (250,144)	6.35% -0.89%	
Willmar	33,875,140 1,027,056	3.03%	3,444	0.01%								
Winona	28,188,998 (1,174,090)	-4.17%	0									
Woodbury	58,350,063 2,551,129	4.37%	0		1,988,805 1,988,805	3.41% 3.41%	0 0		62,889,987 15,704,609	4,539,934 247,656	7.78% 1.60%	
Worthington	15,466,953 2,443,843	-0.90%	0		411,379 485,834	2.66% 3.66%	0 0	-0.15% 0.00%	16,190,217 16,190,217	2,929,677 2,929,677	22.09%	
Wyoming	13,260,540 818,268	18.43%	0									
Zimmerman	3,699,376 818,268	22.67%	0		152,755 152,755	4.23% 4.23%	0 0		4,580,399 4,580,399	971,023 971,023	26.90%	
STATE TOTAL	\$4,964,526,370	\$60,348,626	1.22%	(\$971,622)	-0.02%	\$152,077,430	3.06%	(\$166,184)	0.00%	\$5,175,814,620	\$211,288,250	4.26%

MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2012 is unknown at this time so an estimated amount of \$139,081,139 is used in this report. This is the amount that was allocated for the 2011 apportionment. The actual amount will be announced in January 2012 when the Commissioner of Transportation makes a determination of the 2012 apportionment.

The estimated Maintenance and Construction amounts are not computed in this booklet because of a city's option of receiving a minimum of \$1,500 per mile or a percentage up to a maximum of 35% of their total allocation for Maintenance. If a city desires to receive more than the minimum or make a change to their request to cover future maintenance, the city has to inform the Municipal State Aid Needs Unit prior to December 15 of their intention. Annually, a memo is sent prior to this date to each city engineer informing him or her of this option.

The continuous change in M.S.A.S. mileage is due to the increase in the total improved local street mileage of which 20% is allowed for M.S.A. street designation, Trunk and County Turnbacks, and the changing number of cities over 5,000 population.

M.S.A. Mileage, Needs and Apportionment 1958 to 2012

MILEAGE NEEDS AND APPORT 1958 TO 2012

13-Sep-11

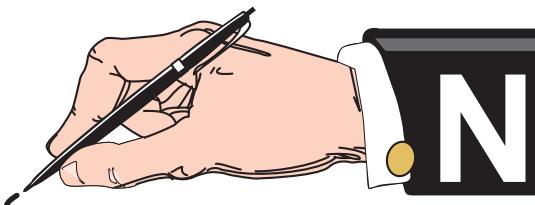
Appt. Year	Number of Municipalities	Needs Mileage	Actual		Adjusted		Total Apportion- ment Per Needs Mileage	Apportion- ment Per \$1000 of Adjusted Needs
			25 Year Construction Needs	Total Apportion- ment	25 Year Construction Needs			
1958	58	920.40	\$190,373,337	\$7,286,074	\$190,373,337		\$7,916.20	\$19.1363
1959	59	938.36	195,749,800	8,108,428	195,749,800		8,641.06	20.7112
1960	59	968.82	214,494,178	8,370,596	197,971,488		8,639.99	21.1409
1961	77	1131.78	233,276,540	9,185,862	233,833,072		8,116.30	19.6419
1962	77	1140.83	223,014,549	9,037,698	225,687,087		7,922.04	20.0226
1963	77	1161.06	221,458,428	9,451,125	222,770,204		8,140.08	21.2127
1964	77	1177.11	218,487,546	10,967,128	221,441,346		9,317.00	24.7631
1965	77	1208.81	218,760,538	11,370,240	221,140,776		9,406.14	25.7081
1966	80	1271.87	221,992,032	11,662,274	218,982,273		9,169.39	26.6284
1967	80	1309.93	213,883,059	12,442,900	213,808,290		9,498.90	29.0983
1968	84	1372.36	215,390,936	14,287,775	215,206,878		10,411.10	33.1954
1969	86	1412.57	209,136,115	15,121,277	210,803,850		10,704.80	35.8658
1970	86	1427.59	205,103,671	16,490,064	206,350,399		11,550.98	39.9565
1971	90	1467.30	204,854,564	18,090,833	204,327,997		12,329.33	44.2691
1972	92	1521.41	217,915,457	18,338,440	217,235,062		12,053.58	42.2087
1973	94	1580.45	311,183,279	18,648,610	309,052,410		11,799.56	30.1706
1974	95	1608.06	324,787,253	21,728,373	321,833,693		13,512.17	33.7571
1975	99	1629.30	422,560,903	22,841,302	418,577,904		14,019.09	27.2844
1976	101	1718.92	449,383,835	22,793,386	444,038,715		13,260.29	25.6660
1977	101	1748.55	488,779,846	27,595,966	483,467,326		15,782.20	28.5396
1978	104	1807.94	494,433,948	27,865,892	490,165,460		15,413.06	28.3785
1979	106	1853.71	529,996,431	30,846,555	523,460,762		16,640.44	29.4188
1980	106	1889.03	623,880,689	34,012,618	609,591,579		18,005.34	27.8609
1981	109	1933.64	695,487,179	35,567,962	695,478,283		18,394.30	25.5442
1982	105	1976.17	705,647,888	41,819,275	692,987,088		21,161.78	30.2978
1983	106	2022.37	651,402,395	46,306,272	631,554,858		22,897.03	36.5498
1984	106	2047.23	635,420,700	48,580,190	613,448,456		23,729.72	39.7013
1985	107	2110.52	618,275,930	56,711,674	589,857,835		26,870.95	48.1983
1986	107	2139.42	552,944,830	59,097,819	543,890,225		27,623.29	54.3012
1987	107	2148.07	551,850,149	53,101,745	541,972,837		24,720.68	48.9738
1988	108	2171.89	545,457,364	58,381,022	529,946,820		26,880.28	55.0588
1989	109	2205.05	586,716,169	76,501,442	588,403,918		34,693.74	64.9777
1990	112	2265.64	969,735,729	81,517,107	969,162,426		35,979.73	41.9909
1991	113	2330.30	1,289,813,259	79,773,732	1,240,127,592		34,233.25	32.1058
1992	116	2376.79	1,374,092,030	81,109,752	1,330,349,165		34,125.75	30.4150
1993	116	2410.53	1,458,214,849	82,954,222	1,385,096,428		34,413.27	29.8910
1994	117	2471.04	1,547,661,937	80,787,856	1,502,960,398		32,693.87	26.8269
1995	118	2526.39	1,582,491,280	81,718,700	1,541,396,875		32,346.04	26.4612
1996	119	2614.71	1,652,360,408	90,740,650	1,638,227,013		34,703.91	27.6275
1997	122	2740.46	1,722,973,258	90,608,066	1,738,998,615		33,063.09	25.9148
1998	125	2815.99	1,705,411,076	93,828,258	1,746,270,860		33,319.81	26.7316

Appt. Year	Number of of Municipali- ties		Actual 25 Year Construc- tion Needs	Total Apportion- ment	Adjusted 25 Year Construc- tion Needs	Total Apportion- ment	Apportion- ment Per \$1000 of Adjusted Needs
	Needs Mileage					Per Needs Mileage	
1999	126	2859.05	\$1,927,808,456	\$97,457,150	\$1,981,933,166	\$34,087.25	24.4674
2000	127	2910.87	2,042,921,321	103,202,769	2,084,650,298	35,454.27	24.6423
2001	129	2972.16	2,212,783,436	108,558,171	2,228,893,216	36,525.01	24.2606
2002	130	3020.39	2,432,537,238	116,434,082	2,441,083,093	38,549.35	23.7741
2003	131	3080.67	2,677,069,498	108,992,464	2,663,903,876	35,379.47	20.3866
2004	133	3116.44	2,823,888,537	110,890,581	2,898,358,498	35,582.45	19.0811
2005	136	3190.82	2,986,013,788	111,823,549	3,086,369,911	35,045.40	18.0717
2006	138	3291.64	3,272,908,979	111,487,130	3,356,466,332	33,869.78	16.5713
2007	142	3382.28	3,663,172,809	114,419,009	3,760,234,514	33,828.96	15.1929
2008	143	3453.10	3,896,589,388	114,398,269	4,005,371,748	33,129.15	14.2871
2009	144	3504.00	4,277,355,517	121,761,230	4,375,100,368	34,749.21	13.9113
2010	144	3533.22	4,650,919,417	127,315,538	4,764,771,798	36,033.86	13.3606
2011	147	3583.87	4,964,526,370	139,081,139	5,058,978,846	38,807.53	13.7490
2012	142	3572.73	5,175,814,620	139,081,139	5,239,406,230	38,928.53	13.2704

The figures for 2012 are estimates

MSAS NEEDS MILEAGE COMPARISON

CITY	2010 MSAS NEEDS MILEAGE		2011 MSAS NEEDS MILEAGE		DIFFERENCE IN MILEAGE	CITY	2010 MSAS NEEDS MILEAGE		2011 MSAS NEEDS MILEAGE		DIFFERENCE IN MILEAGE	CITY	2010 MSAS NEEDS MILEAGE		2011 MSAS NEEDS MILEAGE		DIFFERENCE IN MILEAGE
	2010	MSAS	2011	MSAS			2010	MSAS	2011	MSAS			2010	MSAS	2011	MSAS	
ALBERT LEA	24.19		24.19			FRIDLEY	22.87		22.87			OAKDALE	19.30		19.30		
ALBERTVILLE	7.15		7.15			GLENCOE	7.99		8.33		0.34	ORONO	9.45		9.45		
ALEXANDRIA	25.02		25.10		0.08	OLDEN VALLEY	23.57		23.57			OTSEGO	22.51		22.52		0.01
ANDOVER	42.60		42.60			GRAND RAPIDS	23.52		25.71		2.19	OWATONNA	28.35		28.35		
ANOKA	14.73		14.73			HAW LAKE	32.28		32.34		0.06	PLYMOUTH	56.40		58.98		0.58
APPLE VALLEY	36.91		37.41		0.50	HASTINGS	21.24		21.24			PRIOR LAKE	20.38		20.38		
ARDEN HILLS	7.53		7.53			HERMANTOWN	15.50		15.50			RAMSEY	38.09		37.89		(0.20)
AUSTIN	29.38		29.91		0.53	HIBBING	53.74		53.17		(0.57)	RED WING	25.05		25.05		
BAXTER	16.48		17.05		0.57	HOPKINS	9.99		9.99			REDWOOD FALLS	8.50		8.50		
BELLE PLAIN	8.46		8.46			HUGO	20.61		20.61			RICHFIELD	25.17		24.51		(0.66)
BEMIDJI	16.92		17.65		0.73	HUTCHINSON	18.69		18.70		0.01	ROBBINSDALE	10.11		10.07		(0.04)
BIG LAKE	11.52		11.51		(0.01)	INTERNATIONAL FALLS	8.06		8.06			ROCHESTER	92.37		92.37		
BLAINE	48.71		48.71			INVER GROVE HEIGHTS	33.30		33.30			ROGERS	12.00		11.98		(0.02)
BLOOMINGTON	74.85		74.85			ISANTI	6.89		6.89			ROSEMOUNT	30.96		30.96		
BRAINERD	19.17		19.16		(0.01)	JORDAN	5.89		5.89			ROSEVILLE	29.12		29.12		
BROOKLYN CENTER	21.35		21.35			KASSON	5.08		5.08			ST. ANTHONY	5.95		5.95		
BROOKLYN PARK	59.47		59.47			LA CRESCENT	5.84		0.00		(5.84)	ST. CLOUD	64.77		64.77		(0.12)
BUFFALO	17.19		17.19			LAKE CITY	8.39		8.39			ST. FRANCIS	11.94		13.16		1.22
BURNSVILLE	45.04		45.04			LAKE ELMO	14.07		14.07			ST. JOSPH	5.52		5.52		
BYRON	5.40		0.00		(5.40)	LAKEVILLE	60.02		60.02			ST. LOUIS PARK	31.45		31.58		0.13
CAMBRIDGE	15.88		16.37		0.49	LINO LAKES	23.00		24.22		1.22	ST. MICHAEL	23.10		22.43		(0.67)
CHAMPLIN	20.01		20.01			LITCHFIELD	8.77		8.77			ST. PAUL	164.77		164.73		(0.04)
CHANHASSEN	21.47		21.47			LITTLE CANADA	11.35		11.35			ST. PAUL PARK	6.08		6.08		
CHASEKA	20.47		20.47			LITTLE FALLS	18.34		18.34			ST. PETER	15.35		15.78		0.43
CHISHOLM	8.39		8.39			MAHTOMEDI	8.44		8.83		0.39	SARTELL	17.97		17.97		
CIRCLE PINES	3.53		0.00		(3.53)	MANKATO	38.17		38.20		0.03	SAUK RAPIDS	14.01		14.01		
CLOQUET	21.67		21.67			MAPLE GROVE	56.66		56.24		(0.42)	SAVAGE	27.01		26.98		(0.03)
COLUMBIA HEIGHTS	12.50		12.50			MAPLEWOOD	36.16		36.16			SHAKOPEE	37.02		37.02		
COON RAPIDS	41.83		41.83			MARSHALL	18.80		18.80			SHOREVIEW	19.00		19.64		0.64
CORCORAN	15.50		15.53		0.03	MEDINA	11.45		0.00		(11.45)	SHOREWOOD	8.58		8.58		
COTTAGE GROVE	35.35		35.35			MENDOTA HEIGHTS	14.67		15.50		0.83	SOUTH ST. PAUL	16.82		17.46		0.64
CROOKSTON	11.65		11.65			MINNEAPOLIS	205.63		206.44		0.81	SPRING LAKE PARK	5.82		5.82		
CRYSTAL	17.94		17.79		(0.15)	MINNETONKA	50.86		50.92		0.06	STEWARTVILLE	4.63		4.71		0.08
DAYTON	9.72		0.00		(9.72)	MINNETRISTA	12.71		12.92		0.21	STILLWATER	17.68		17.68		
DELANO	6.11		6.12		0.01	MONTEVIDEO	8.55		8.83		0.28	THIEF RIVER FALLS	15.78		15.78		
DETROIT LAKES	22.35		22.35			MONTICELLO	12.08		12.14		0.06	VADNIA'S HEIGHTS	9.17		9.17		
DULUTH	114.92		114.86		(0.06)	MOORHEAD	45.24		45.25		0.01	VICTORIA	7.43		7.43		
EAGAN	47.81		48.00		0.19	MORRIS	9.03		9.03			VIRGINIA	17.14		17.14		
EAST BETHEL	28.78		28.78			MOUND	7.94		7.94			WACONIA	10.74		10.74		
EAST GRAND FORKS	16.81		16.81			MOUNDS VIEW	12.43		12.43			WAITE PARK	6.12		6.68		0.56
EDEN PRAIRIE	47.08		47.08			NEW BRIGHTON	15.26		15.26			WASECA	7.61		7.61		
EDINA	40.27		40.27			NEW HOPE	12.70		12.85		0.15	WEST ST. PAUL	13.55		13.58		0.03
ELK RIVER	36.33		36.33			NEW PRAGUE	7.08		7.73		0.65	WHITE BEAR LAKE	21.06		21.03		(0.03)
FAIRMONT	20.13		20.13			NEW ULM	17.68		17.68			WILLMAR	26.73		26.73		
FALCON HEIGHTS	3.29		3.29			NORTH BRANCH	23.93		24.63		0.70	WINONA	22.29		21.76		(0.53)
FARIBAULT	24.27		24.27			NORTH MANKATO	15.07		15.57		0.50	WOODBURY	54.21		54.60		0.39
FARMINGTON	16.24		16.24			NORTH ST. PAUL	11.39		11.38		(0.01)	WORTHINGTON	11.39		11.44		0.05
FERGUS FALLS	24.67		25.76		1.09	NORTHFIELD	17.06		17.06			WYOMING	13.58		15.92		2.34
FOREST LAKE	23.70		32.25		8.55	OAK GROVE	24.60		24.60			ZIMMERMAN	6.39		6.39		
												TOTAL	3,583.87		3,572.73		(11.14)



NOTES and COMMENTS

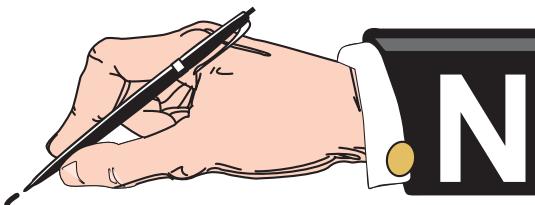
2011 Itemized Tabulation of Needs

The 2011 money needs reflects an increase due to the updating of the needs, new designations and an increase in unit prices. See the Screening Board Resolutions in the back of this book for the unit prices used in the 2011 needs computation.

The 2011 itemized tabulation of needs on the following page shows all the construction items except the "after the fact needs" used in the Municipal State Aid Needs Study. The tabulation is provided to give each municipality the opportunity to compare its needs of the individual construction items to that of other cities.

The overall average cost per mile is \$1,347,070. Zimmerman has the lowest cost per mile with \$716,807 while Crookston has the highest cost with \$2,242,661 per mile.

The four cities that exceed \$2,000,000 per mile are listed alphabetically as follows: Crookston, Delano, Duluth, and Thief River Falls. The four cities that are less than \$800,000 per mile are: Hastings, Oakdale, Spring Lake Park, and Zimmerman.



NOTES and COMMENTS

COMPARISON OF NEEDS BETWEEN 2010 AND 2011

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Needs Year	Grading	Complete Storm Sewer	Storm Sewer Adjustment	Base Needs	Surface Needs	Curb & Gutter Construction
2010	\$513,784,567	\$334,360,306	\$99,319,770	\$1,182,125,155	\$538,159,687	\$275,341,165
2011	\$535,836,289	\$339,980,894	\$104,015,668	\$1,251,622,772	\$563,984,362	\$285,674,528
Difference % of increase	\$22,051,722 4.29%	\$5,620,588 1.68%	\$4,695,898 4.73%	\$69,497,617 5.88%	\$30,824,675 5.73%	\$10,333,363 3.75%

Needs Year	Sidewalk Construction	Traffic Signal Construction	Street Lighting Construction	Total Structure Needs	Railroad Crossing Needs	Total Maintenance Needs
2010	\$329,809,020	\$220,808,920	\$239,810,000	\$211,292,280	\$96,362,400	\$889,058,304
2011	\$345,885,845	\$220,774,240	\$241,827,000	\$218,585,283	\$100,390,350	\$926,987,018
Difference % of increase	\$16,076,825 4.87%	(\$34,680) -0.02%	\$2,017,000 0.84%	\$7,293,003 3.45%	\$4,027,950 4.18%	\$955,575 2.79%

Needs Year	Total Money Needs	Total Mileage	After the fact Retaining Wall Needs	After the fact Right of way Needs	After the fact Bridge Needs	Overall Apportionment Needs	Needs To Apport. Ratio
2010	\$4,964,526,370	3,583.87	\$1,091,772	\$92,931,219	\$37,498,739	\$5,096,048,100	40.03
2011	\$5,175,814,620	3,572.73	\$1,176,549	\$106,044,343	\$37,522,042	\$5,320,557,554	38.26
Difference % of increase	\$211,288,250 4.26%	(11.14) -0.31%	\$84,777 7.77%	\$13,113,124 14.11%	\$23,303 0.06%	\$224,509,454 4.41%	(1.77)

TENTATIVE 2012 CONSTRUCTION NEEDS and CONSTRUCTION NEEDS APPORTIONMENT

These tabulations show each municipality's tentative adjusted construction needs and tentative construction needs apportionment based on a projected apportionment amount. The actual amount of the road user fund for distribution to the Municipal State Aid Account will not be available until January 2012.

50% of the total apportionment is determined on a prorated share that each city's adjusted construction needs bears to the total of all the adjusted construction needs.

The 25-year construction needs shown on this report are computed from the annual Needs Updates submitted by each city. The adjusted 25 year construction needs are the result of adding or subtracting the Municipal Screening Board mandated adjustments.

The September 1, 2011 unencumbered construction fund balance was used as the adjustment in this report. The unencumbered balance as of December 31, 2011 will be used for the 2012 January apportionment.

This summary provides specific data and shows the impact of the adjustments to each municipality for the Screening Board's use in establishing the 2012 Tentative Construction Needs Apportionment Determination.

The adjustments are listed individually in the section of this booklet titled Adjustments to the 25 Year Construction Needs.

2011 ADJUSTED CONSTRUCTION NEEDS

for January 2012 apportionment

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Municipality	2010 Unadjusted 25-Year Construction Needs	Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	Bond Account Adjustment	(+ or -)	After the Fact Non- Existing Bridge Adjustment	(+ or -)	After the Fact R/W Acquisition Adjustment	(+ or -)	After the Fact Retaining Wall Adjustment	Individual Adjustments	Total Affect Of Adjustments	2011 Adjusted Construction Needs		
													\$36,694,080	(\$3,870,003)	
Albert Lea	\$40,564,083	(\$1,968,672)	(507,634)	292,615	\$340,593	25,633	5,296	20,197	4,650	1,662,997	60,512,620	884,432	41,642,127	11,675,638	(507,634)
Albertville	12,183,322	(507,634)	225,591	422,504	\$1,215,000	5,296	4,650	126,066	126,066	145,278	19,732,990	1,662,997	60,512,620	19,732,990	(3,312,254)
Alexandria	40,757,695	225,591	0	140,628	411,866	(2,760,000)	411,866	411,866	411,866	411,866	411,866	411,866	411,866	411,866	(1,052,919)
Andover	58,849,623	0	0	0	0	0	0	0	0	0	0	0	0	0	(2,456,737)
Anoka	19,587,712	0	0	0	0	0	0	0	0	0	0	0	0	0	(9,665)
Apple Valley	57,367,834	(1,052,919)	(2,758,632)	(477,890)	5,578	0	75,948	0	0	0	0	0	0	0	18,675,279
Arden Hills	9,065,309	(1,052,919)	(2,758,632)	(477,890)	0	0	0	0	0	0	0	0	0	0	10,654,594
Austin	45,692,279	(2,758,632)	(477,890)	(477,890)	0	0	0	0	0	0	0	0	0	0	(506,021)
Baxter	18,684,944	(477,890)	(477,890)	(477,890)	0	0	0	0	0	0	0	0	0	0	(506,283)
Belle Plaine	10,578,646	0	0	0	0	0	0	0	0	0	0	0	0	0	13,825,481
Bemidji	21,334,558	(562,143)	(506,283)	(506,283)	0	0	0	0	0	0	0	0	0	0	2,368,240
Big Lake	14,331,764	(506,283)	(3,063,035)	(5,677,750)	0	0	0	0	0	0	0	0	0	0	45,010,731
Blaine	42,642,491	(3,063,035)	(5,677,750)	(5,677,750)	0	0	0	0	0	0	0	0	0	0	138,928,693
Bloomington	132,866,947	(5,677,750)	(5,677,750)	(5,677,750)	0	0	0	0	0	0	0	0	0	0	27,711,796
Brainerd	26,878,558	0	0	0	0	0	0	0	0	0	0	0	0	0	1,437,320
Brooklyn Center	17,735,542	0	0	0	0	0	0	0	0	0	0	0	0	0	19,172,862
Brooklyn Park	48,264,419	0	0	0	0	0	0	0	0	0	0	0	0	0	51,100,068
Buffalo	26,784,655	1,062,319	1,980,000	(590,000)	192,298	0	509,140	0	0	0	0	0	0	0	28,876,056
Burnsville	77,377,329	1,625,069	555,522	555,522	0	0	0	0	0	0	0	0	0	0	79,557,920
Byron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cambridge	15,591,583	(38,380)	(38,380)	(38,380)	111,938	(28,858)	0	0	0	0	0	0	0	0	44,700
Champlin	22,110,339	0	0	0	158,739	0	72,191	0	0	0	0	0	0	0	15,636,283
Chanhassen	23,087,854	0	0	0	165,757	0	0	0	0	0	0	0	0	0	22,341,269
Chaska	26,972,089	0	0	0	193,643	0	\$408,699	0	0	0	0	0	0	0	23,253,611
Chisholm	12,669,036	0	0	0	90,956	0	0	0	0	0	0	0	0	0	27,574,431
Circle Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90,956,922
Cloquet	28,945,576	(152,702)	(207,812)	(207,812)	0	0	0	0	0	0	0	0	0	0	12,759,920
Columbia Heights	20,951,900	(222,186)	150,422	3,130	0	0	0	0	0	0	0	0	0	0	55,110,686
Coon Rapids	65,806,065	(249,385)	472,448	1,775,000	1,050,431	2,460,658	5,015,151	5,015,151	5,015,151	5,015,151	5,015,151	5,015,151	5,015,151	5,015,151	(68,634)
Corcoran	18,804,218	(282,530)	(282,530)	(282,530)	0	0	0	0	0	0	0	0	0	0	(263,234)
Cottage Grove	58,579,584	(1,842,157)	(1,842,157)	(1,842,157)	0	0	51,603	521,013	0	0	0	0	0	0	(1,269,541)
Crookston	26,127,000	(157,334)	(187,576)	(187,576)	0	0	0	0	0	0	0	0	0	0	30,242
Crystal	15,123,811	1,275,000	108,580	108,580	0	0	0	0	0	0	0	0	0	0	26,157,242
Delano	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,534,676
Detroit Lakes	19,796,394	(164,112)	142,126	(180,000)	0	0	51,476	0	0	0	0	0	0	0	11,981,810
Duluth	233,276,321	0	1,674,732	1,674,732	0	0	2,764,841	59,4891	0	0	0	0	0	0	29,490
Eagan	82,989,465	1,795,000	595,814	3,756,220	2,197,306	4,630,438	12,974,778	12,974,778	12,974,778	12,974,778	12,974,778	12,974,778	12,974,778	12,974,778	95,964,243
East Bethel	36,671,057	(1,082,344)	(1,082,344)	(1,082,344)	0	0	128,868	0	0	0	0	0	0	0	35,717,581
East Grand Forks	24,145,716	(388,879)	(388,879)	(388,879)	0	0	0	0	0	0	0	0	0	0	23,756,837
Eden Prairie	67,769,287	(4,968,622)	(4,968,622)	(4,968,622)	0	0	336,529	0	0	0	0	0	0	0	(4,632,093)
Edina	52,371,630	1,300,127	375,986	1,107,123	1,107,123	142,207	0	0	0	0	0	0	0	0	63,137,194
Elk River	47,410,008	(266,455)	340,375	(954,500)	0	0	2,447,579	0	0	0	0	0	0	0	2,925,453
Fairmont	31,510,565	0	226,227	0	0	0	0	0	0	0	0	0	0	0	33,310,835
Falcon Heights	3,060,233	(245,095)	(245,095)	(245,095)	0	0	0	0	0	0	0	0	0	0	2,815,138
Fairbault	41,229,460	(630,077)	296,218	296,218	0	0	298,486	0	0	0	0	0	0	0	(35,373)
Farmington	24,502,772	0	175,915	1,271,879	0	0	1,271,879	0	0	0	0	0	0	0	1,447,794
Fergus Falls	45,086,504	(1,621,865)	(1,621,865)	(1,621,865)	0	0	94,773	0	0	0	0	0	0	0	(1,527,092)
Forest Lake	53,951,192	0	387,337	14,872	0	0	0	0	0	0	0	0	0	0	54,353,401

Municipality	2010 Unadjusted 25-Year Construction Needs	(+ or -) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+ or -) After the Fact Non- Existing Bridge Adjustment	(+) After the Fact R/W Acquisition Adjustment	(+) After the Fact Retaining Wall Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2011 Adjusted Construction Needs
Fridley	\$33,152,823	\$136,490	\$238,017	\$8,606	(\$603,000)				\$101,527	\$33,254,350
Glencoe	12,341,753	268,055	(\$792,596)	(\$792,000)					(\$46,339)	12,095,414
Golden Valley	31,977,547	(\$1,896,298)							(\$958,894)	26,018,653
Grand Rapids	45,649,405	(\$588,067)	1,482,005			\$2,101,208			3,015,146	48,664,551
Ham Lake	30,433,686	(\$1,227,438)				408,080			(\$819,358)	29,614,328
Hastings	15,555,397	(\$496,962)							(\$496,962)	15,058,435
Hermantown	27,462,095	103,068	197,161			229,847			27,992,171	
Hibbing	63,765,795	(\$146,359)	457,880			6,685			318,105	64,083,900
Hopkins	14,553,575	0	104,486			1,000			105,486	14,659,061
Hugo	19,960,284	679,691	143,303			125,680			948,684	20,908,968
Hutchinson	22,923,190	(\$1,291,892)	(\$700,000)			\$829,686			(\$95,956)	21,927,234
International Falls	11,493,564	(\$720,485)				166,250			(\$20,485)	10,773,079
Inver Grove Heights	53,740,291	(\$1,385,408)				776,192			(\$60,216)	53,131,075
Isanti	8,188,540	(\$198,291)							(\$198,291)	7,990,249
Jordan	10,158,593	(\$4,137)	72,933						68,795	10,227,388
Kasson	7,030,960	(\$535,499)				0			(\$535,499)	6,495,461
La Crescent	0	0				0			0	0
Lake City	8,380,199	(\$169,730)				7,000				8,227,469
Lake Elmo	14,445,088	(\$900,040)				390,000				(\$503,730)
Lakeville	78,047,700	1,373,488	560,335	2,775,000		3,473,507			8,300,372	13,911,358
Lino Lakes	33,991,377	0	244,037			412,101			656,138	34,647,515
Litchfield	14,152,126	(\$282,322)							(\$282,322)	13,869,804
Little Canada	14,173,556	467,198	101,758	(\$15,000)					553,956	14,727,512
Little Falls	25,514,696	693,986	183,180			1,435,391			2,312,557	27,927,253
Mahometti	10,022,163	(\$1,413,126)							(\$1,413,126)	8,609,037
Mankato	57,823,749	(\$3,243,063)	(\$3,243,063)			460,261			(\$6,023,865)	51,797,884
Maple Grove	86,753,848	(\$208,352)	622,840	10,833,248		3,498,494			14,746,229	101,500,077
Maplewood	46,550,665	1,750,750	334,205	7,500,000		5,279,548			14,864,503	61,145,168
Marshall	25,501,789	1,600,151	183,087			183,019			1,966,257	27,468,046
Medina	0	0	0			61,140			0	0
Minneapolis	409,277,343	(\$1,301,407)				728,476			(\$1,240,267)	21,628,343
Minnetonka	76,559,949	(\$1,724,071)	549,654	1,980,000		2,094,013			(\$18,764,140)	390,513,203
Minnetrista	19,490,023	(\$1,536,551)	(\$1,536,551)			145,293			(\$2,927,809)	16,562,214
Montevideo	8,679,105	0	62,311			31,070			93,381	8,772,486
Monticello	14,101,980	(\$589,715)							(\$589,715)	13,512,265
Moorhead	69,768,278	(\$2,787,738)				1,149,085			2,024,760	71,793,038
Morris	9,743,886	(\$307,403)				10,500			(\$296,903)	9,446,983
Mound	14,430,896	0	103,605			1,309,579			1,413,184	15,844,080
Mounds View	13,504,035	0	96,951							13,600,986
New Brighton	23,783,496	0	170,751						170,751	23,954,247
New Hope	20,885,078	(\$1,597,428)	(\$1,597,428)						(\$3,162,455)	17,692,623
New Prague	7,644,420	(\$24,324)				6,287			(\$218,037)	7,426,383
New Ulm	30,397,021	(\$63,535)	218,232							30,251,778
North Branch	31,706,039	(\$838,487)	(\$938,210)						(\$1,763,159)	29,942,890
North Mankato	24,162,368	286,984	173,471	645,000		64,226			1,168,681	25,332,049
North St. Paul	16,764,969	575,462	120,362			461,369			1,157,194	17,922,163
Northfield	22,688,570	(\$923,805)							(\$923,805)	21,764,765
Oak Grove	30,336,621	183,502	217,798			601,944			1,003,244	31,339,865
Oakdale	13,837,455	367,277	99,345			430,454			14,755,188	
Orono	10,159,010	(\$693,129)				41,351			(\$651,778)	9,507,232
Osseo	26,327,202	(\$1,073,952)				293,120			(\$780,832)	25,546,370
Watertown	41,704,675	0	298,414			119,703			419,117	42,123,792
Plymouth	85,886,864	(\$1,763,321)	615,150	3,688,316		477,423			3,084,025	88,768,089
Prior Lake	23,694,856	(\$693,911)				633			(\$632,278)	23,001,578
Ramsey	43,260,457	0	310,584	(\$10,000)		437,787			816,120	44,076,577

Municipality	2010 Unadjusted 25-Year Construction Needs	(+ or -) Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment to Low Balance Incentive	(+ or -) Bond Account Adjustment	(+ or -) After the Fact Non- Existing Bridge Adjustment	(+) After the Fact R/W Acquisition Adjustment	(+) After the Fact Retaining Wall Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2011 Adjusted Construction Needs
Red Wing	\$37,966,960	(\$643,183)	(366,813)	233,594		\$774,553			\$131,370	\$38,098,330
Redwood Falls	13,346,423	(71,063)	233,594				10,071,194			(366,813) 12,979,610
Richfield	32,536,696	(2,084,175)	(8,376,701)	1,08,301			10,233,722			42,770,418
Robbinsdale	14,272,551	(2,645,963)	295,514	98,189			2,563,752			(10,470,877) 3,801,674
Rochester	154,372,565	(632,408)	305,566		\$1,756,490		389,000			1,026,090 155,398,655
Rogers	13,676,574	(1,141,455)	0	59,925	\$204,249		91,009			14,070,278
Rosemount	42,561,507	(1,893,324)	763,373				2,118,314			44,379,755
Roseville	35,249,225	(596,110)					14,990			(1,050,446) 34,198,779
Saint Anthony	8,346,813	(803,297)	(1,792,339)	0			218,625			8,610,987
Saint Cloud	106,328,363	(21,949)	43,838	(110,000)	671,027		86,132			988,363 107,316,726
Saint Francis	23,408,751	(832,397)					65,293			(581,120) 22,827,631
Saint Joseph	5,196,263	(803,297)	(1,792,339)	0			3,256,020			4,392,966
Saint Louis Park	45,006,973	(2,138,560)					15,109,120			(1,573,714) 43,433,259
Saint Michael	40,441,826	(14,573,144)					55,542			376,480 40,818,306
Saint Paul	316,517,374	(21,949)	43,838	(110,000)	671,027		3,843,538			320,360,912
Saint Paul Park	6,106,072	(21,949)					648,209			6,754,281
Saint Peter	25,958,165	(832,397)					31,827			(803,297) 25,157,594
Sartell	17,626,633	1,416,192	126,548	705,000			193,878			2,447,618 20,074,251
Sauk Rapids	17,033,891	290,171	122,293				441,264			853,728 17,887,619
Savage	25,750,384	(596,949)					400,000			(2,335,509) 23,414,875
Shakopee	36,265,055	0	260,361				23,303			283,664 36,548,719
Shoreview	23,709,966	(74,559)	170,223				34,532			130,197 23,340,163
Shorewood	9,390,133	(120,956)	67,415				203,488			149,947 9,540,080
South St. Paul	21,966,240	(927,205)								(927,205) 21,039,035
Spring Lake Park	4,632,372	237,277	33,258				58,655			329,190 4,961,562
Stettlerville	5,938,049	(59,814)	42,632							(27,183) 5,910,866
Stillwater	24,623,902	(152,379)	176,785				19,061			43,467 24,867,369
Thief River Falls	31,640,939	(188,843)	227,163	1,325,000	1,736,263		141,924			3,301,507 34,942,446
Vadnais Heights	9,257,162	(254,681)								(254,681) 9,002,481
Victoria	6,360,604	(605,226)								(605,226) 5,755,378
Virginia	23,824,084	0		171,042						171,042 23,995,126
Waconia	14,663,518	(627,229)								(627,229) 14,036,289
Waite Park	5,963,618	(48,126)	42,815				713,500			708,189 6,671,807
Waseca	11,595,720	(711,520)		400,000			213,261			(38,259) 11,497,461
West St. Paul	15,122,831	(1,096,897)	0							(1,096,897) 14,025,934
White Bear Lake	17,966,693		128,990							128,990 18,095,683
Willmar	36,026,036	(770,089)								(602,473) 35,423,563
Winona	27,938,854	(429,107)	200,584	2,549,303	8,000					2,328,780 30,267,634
Woodbury	62,889,997	415,686	451,512	1,125,000	4,107,944		6,722,202			12,822,344 75,712,341
Worthington	15,704,609	(746,242)					491			(458,507) 15,246,102
Wyoming	16,190,217	(756,972)								(756,972) 15,433,245
Zimmerman	4,580,399	(135,434)								(135,434) 4,444,965
STATE TOTAL	\$5,175,814,620	(\$100,809,525)		(\$0)	\$19,370,957	\$37,522,042	\$106,044,343	\$1,176,549	\$287,244	\$63,591,610 \$5,239,406,230

TENTATIVE 2012 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: \$1,000 in construction needs = approximately \$13.27 in apportionment

N:\MSAS\BOOKS\2011 OCTOBER BOOK\TENTATIVE ADJUSTED CONSTRUCTION NEEDS 2012 (Old Book File).XLS

Municipality	2011 Adjusted Construction Needs	Construction Needs Appor-tion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	2012 Construction Needs Appor-tion- ment	% Of Total Dist.
Albert Lea	\$36,694,080	\$486,946		\$486,946	0.700
Albertville	11,675,688	154,941		154,941	0.223
Alexandria	41,642,127	552,609		552,609	0.795
Andover	60,512,620	803,028		803,028	1.155
Anoka	19,732,990	261,865		261,865	0.377
Apple Valley	54,055,580	717,341		717,341	1.032
Arden Hills	8,012,390	106,328		106,328	0.153
Austin	43,235,542	573,754		573,754	0.825
Baxter	18,675,279	247,829		247,829	0.356
Belle Plaine	10,654,594	141,391		141,391	0.203
Bemidji	20,828,837	276,408		276,408	0.397
Big Lake	13,825,481	183,470		183,470	0.264
Blaine	45,010,731	597,312		597,312	0.859
Bloomington	138,928,693	1,843,643		1,843,643	2.651
Brainerd	27,711,796	367,747	\$0	367,747	0.529
Brooklyn Center	19,172,862	254,432		254,432	0.366
Brooklyn Park	51,100,068	678,120		678,120	0.975
Buffalo	28,876,056	383,198		383,198	0.551
Burnsville	79,557,920	1,055,767		1,055,767	1.518
Byron	0	0		0	0.000
Cambridge	15,636,283	207,500		207,500	0.298
Champlin	22,341,269	296,478		296,478	0.426
Chanhassen	23,253,611	308,585		308,585	0.444
Chaska	27,574,431	365,924		365,924	0.526
Chisholm	12,759,992	169,331		169,331	0.243
Circle Pines	0	0		0	0.000
Cloquet	29,000,686	384,851		384,851	0.553
Columbia Heights	20,883,266	277,130		277,130	0.399
Coon Rapids	71,315,216	946,383		946,383	1.361
Corcoran	18,540,984	246,047		246,047	0.354
Cottage Grove	57,310,043	760,529		760,529	1.094
Crookston	26,157,242	347,118		347,118	0.499
Crystal	16,534,676	219,422		219,422	0.316
Dayton	0	0		0	0.000
Delano	11,981,810	159,004		159,004	0.229
Detroit Lakes	19,825,884	263,098		263,098	0.378
Duluth	238,310,835	3,162,486		3,162,486	4.548
Eagan	95,964,243	1,273,486		1,273,486	1.831
East Bethel	35,717,581	473,987		473,987	0.682
East Grand Forks	23,756,837	315,263		315,263	0.453
Eden Prairie	63,137,194	837,857		837,857	1.205
Edina	55,297,083	733,816		733,816	1.055
Elk River	48,977,007	649,946		649,946	0.935
Fairmont	31,736,792	421,161		421,161	0.606
Falcon Heights	2,815,138	37,358		37,358	0.054
Faribault	41,224,087	547,061		547,061	0.787
Farmington	25,950,566	344,375		344,375	0.495
Fergus Falls	43,559,412	578,052	3,360	581,412	0.836
Forest Lake	54,353,401	721,293		721,293	1.037
Fridley	33,254,350	441,299		441,299	0.635
Glencoe	12,095,414	160,511		160,511	0.231
Golden Valley	26,018,653	345,279		345,279	0.497
Grand Rapids	48,664,551	645,799		645,799	0.929

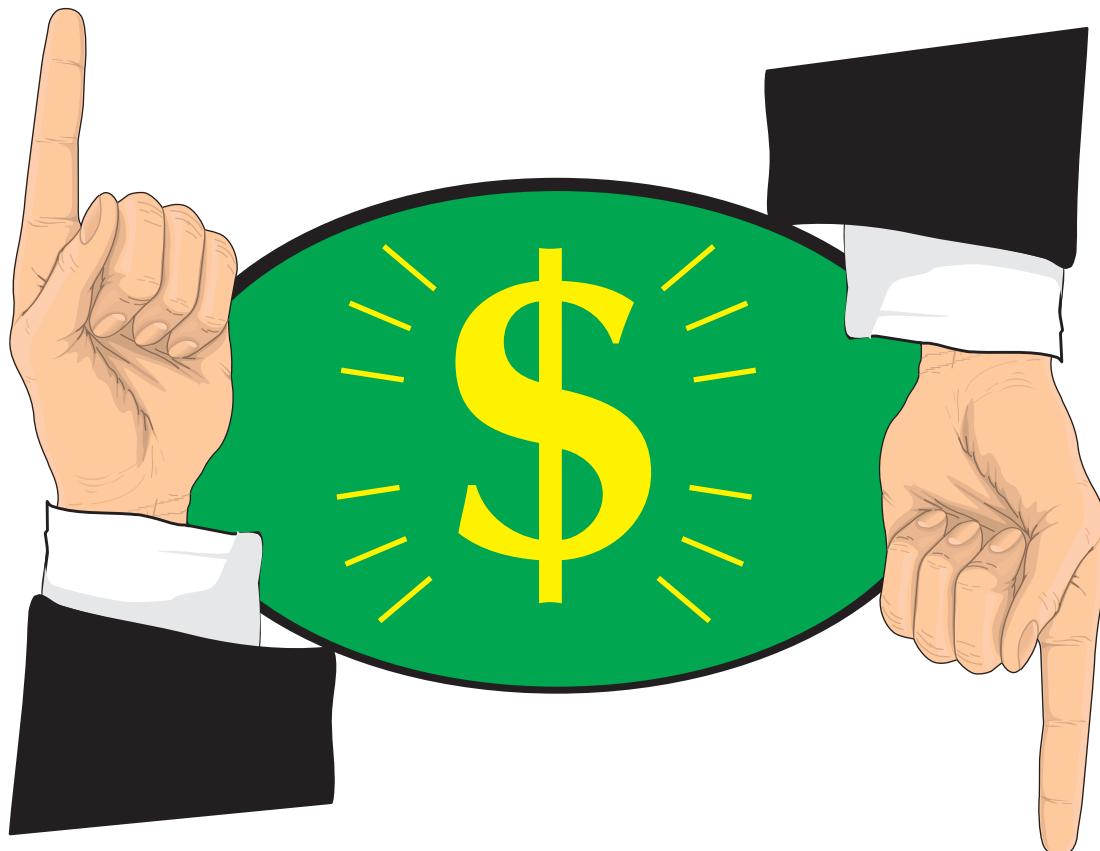
Municipality	2011 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	2012 Construction Needs Apportion- ment	% Of Total Dist.
Ham Lake	\$29,614,328	\$392,995		\$392,995	0.565
Hastings	15,058,435	199,832		199,832	0.287
Hermantown	27,992,171	371,468		371,468	0.534
Hibbing	64,083,900	850,421		850,421	1.223
Hopkins	14,659,061	194,532		194,532	0.280
Hugo	20,908,968	277,471		277,471	0.399
Hutchinson	21,927,234	290,984	\$0	290,984	0.418
International Falls	10,773,079	142,963		142,963	0.206
Inver Grove Heights	53,131,075	705,072		705,072	1.014
Isanti	7,990,249	106,034		106,034	0.152
Jordan	10,227,388	135,722		135,722	0.195
Kasson	6,495,461	86,198		86,198	0.124
La Crescent	0	0		0	0.000
Lake City	8,227,469	109,182		109,182	0.157
Lake Elmo	13,911,358	184,610		184,610	0.265
Lakeville	86,348,072	1,145,876		1,145,876	1.648
Lino Lakes	34,647,515	459,787		459,787	0.661
Litchfield	13,869,804	184,058		184,058	0.265
Little Canada	14,727,512	195,440		195,440	0.281
Little Falls	27,827,253	369,279		369,279	0.531
Mahtomedi	8,609,037	114,246		114,246	0.164
Mankato	51,797,884	687,380		687,380	0.988
Maple Grove	101,500,077	1,346,949		1,346,949	1.937
Maplewood	61,415,168	815,005		815,005	1.172
Marshall	27,468,046	364,513		364,513	0.524
Medina	0	0		0	0.000
Mendota Heights	21,628,343	287,017		287,017	0.413
Minneapolis	390,513,203	5,182,276		5,182,276	7.452
Minnetonka	79,459,545	1,054,462		1,054,462	1.516
Minnetrista	16,562,214	219,788		219,788	0.316
Montevideo	8,772,486	116,415		116,415	0.167
Monticello	13,512,265	179,313		179,313	0.258
Moorhead	71,793,038	952,724		952,724	1.370
Morris	9,446,983	125,365		125,365	0.180
Mound	15,844,080	210,258		210,258	0.302
Mounds View	13,600,986	180,491		180,491	0.260
New Brighton	23,954,247	317,883		317,883	0.457
New Hope	17,692,623	234,789		234,789	0.338
New Prague	7,426,383	98,551		98,551	0.142
New Ulm	30,251,718	401,453		401,453	0.577
North Branch	29,942,880	397,355		397,355	0.571
North Mankato	25,332,049	336,167		336,167	0.483
North St. Paul	17,922,163	237,835		237,835	0.342
Northfield	21,764,765	288,828		288,828	0.415
Oak Grove	31,339,865	415,893		415,893	0.598
Oakdale	14,755,188	195,808		195,808	0.282
Orono	9,507,232	126,165		126,165	0.181
Otsego	25,546,370	339,011		339,011	0.488
Owatonna	42,123,792	559,001		559,001	0.804
Plymouth	88,768,089	1,177,990		1,177,990	1.694
Prior Lake	23,001,578	305,241		305,241	0.439
Ramsey	44,076,577	584,915		584,915	0.841
Red Wing	38,098,330	505,581		505,581	0.727
Redwood Falls	12,979,610	172,245		172,245	0.248
Richfield	42,770,418	567,582		567,582	0.816
Robbinsdale	3,801,674	50,450		50,450	0.073
Rochester	155,398,655	2,062,206		2,062,206	2.965
Rogers	14,070,278	186,719		186,719	0.269
Rosemount	44,379,755	588,938		588,938	0.847
Roseville	34,198,779	453,832		453,832	0.653

Municipality	2011 Adjusted Construction Needs	Construction Needs Apportion- ment Minus Turnback Maintenance	(+) TH Turnback Main- tenance Allowance	2012 Construction Needs Apportion- ment	% Of Total Dist.
Saint Anthony	\$8,610,987	\$114,271		\$114,271	0.164
Saint Cloud	107,316,726	1,424,139		1,424,139	2.048
Saint Francis	22,827,631	302,932		302,932	0.436
Saint Joseph	4,392,966	58,297		58,297	0.084
Saint Louis Park	43,433,259	576,378		576,378	0.829
Saint Michael	40,818,306	541,676		541,676	0.779
Saint Paul	320,360,912	4,251,325		4,251,325	6.113
Saint Paul Park	6,754,281	89,632		89,632	0.129
Saint Peter	25,157,594	333,852	\$1,440	335,292	0.482
Sartell	20,074,251	266,394		266,394	0.383
Sauk Rapids	17,887,619	237,376		237,376	0.341
Savage	23,414,875	310,725		310,725	0.447
Shakopee	36,548,719	485,017	6,624	491,641	0.707
Shoreview	23,840,163	316,369		316,369	0.455
Shorewood	9,540,080	126,601		126,601	0.182
South St. Paul	21,039,035	279,197		279,197	0.401
Spring Lake Park	4,961,562	65,842		65,842	0.095
Stewartville	5,910,866	78,440		78,440	0.113
Stillwater	24,667,369	327,346		327,346	0.471
Thief River Falls	34,942,446	463,701		463,701	0.667
Vadnais Heights	9,002,481	119,467		119,467	0.172
Victoria	5,755,378	76,376		76,376	0.110
Virginia	23,995,126	318,426		318,426	0.458
Waconia	14,036,289	186,268		186,268	0.268
Waite Park	6,671,807	88,538		88,538	0.127
Waseca	11,497,461	152,576		152,576	0.219
West St. Paul	14,025,934	186,130		186,130	0.268
White Bear Lake	18,095,683	240,137		240,137	0.345
Willmar	35,423,563	470,086		470,086	0.676
Winona	30,267,634	401,664		401,664	0.578
Woodbury	75,712,341	1,004,734		1,004,734	1.445
Worthington	15,246,102	202,321		202,321	0.291
Wyoming	15,433,245	204,805		204,805	0.295
Zimmerman	4,444,965	58,986		58,986	0.085
STATE TOTAL	\$5,239,406,230	\$69,529,146	\$11,424	\$69,540,570	100.0000

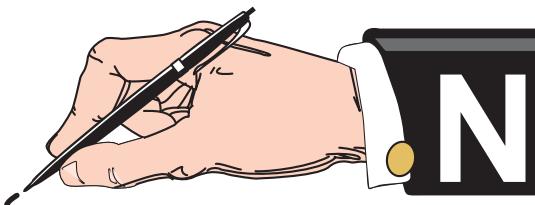
Construction Needs Apportionment = \$69,529,146/ \$5,239,406,230=0.013270

x City's Adjusted Construction Needs + TH Turnback Maintenance Allowance

Adjustments to the 25 Year



Construction Needs



NOTES and COMMENTS

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The unencumbered amount available as of December 31, 2011 will be used as a deduction from each city's total needs adjustment for the 2012 apportionment. The September 1, 2011 balance was used in this booklet for estimation purposes.

The total fund balance decreased by \$29,804,014 between September 1, 2010 and December 31, 2010. The total fund balance increased by \$11,966,081 between September 1, 2010 and September 1, 2011. The September 1, 2011 unencumbered balance available includes the 2011 total construction apportionment amount of \$105,569,277.

Municipalities	Unencumbered Balance Available 12-31-2010	Unencumbered Balance Available 8-30-11	Difference Between 8-30-11 and 12-31-10	Percentage of Total Amount in Account	Ratio bet Balance & City's 2010 Construction Allotment
Albert Lea	\$1,350,340	\$1,968,672	\$618,332	1.953	3.081
Albertville	240,190	507,634	267,444	0.504	1.898
Alexandria	(833,696)	(225,591)	608,105	(0.224)	(0.371)
Andover	30,532	0	(30,532)	0.000	0.000
Anoka	0	0	0	0.000	0.000
Apple Valley	266,279	1,090,186	823,907	1.081	0.779
Arden Hills	785,527	1,052,919	267,392	1.044	4.617
Austin	2,326,034	2,758,632	432,598	2.736	2.954
Baxter	119,737	477,890	358,153	0.474	1.334
Belle Plaine	519,144	0	(519,144)	0.000	0.000
Bemidji	198,857	562,143	363,286	0.558	1.511
Big Lake	383,645	506,283	122,638	0.502	1.991
Blaine	2,245,485	3,063,035	817,550	3.038	2.401
Bloomington	4,564,107	5,677,750	1,113,643	5.632	2.498
Brainerd	371,612	0	(371,612)	0.000	0.000
Brooklyn Center	702,073	0	(702,073)	0.000	0.000
Brooklyn Park	0	0	0	0.000	0.000
Buffalo	(1,372,932)	(1,062,319)	310,613	(1.054)	(2.257)
Burnsville	(2,000,000)	(1,625,069)	374,931	(1.612)	(0.976)
Byron	0	0	0	0.000	0.000
Cambridge	0	38,380	38,380	0.038	0.136
Champlin	0	0	0	0.000	0.000
Chanhassen	73,820	0	(73,820)	0.000	0.000
Chaska	0	0	0	0.000	0.000
Chisholm	0	0	0	0.000	0.000
Circle Pines	(142,374)	0	142,374	0.000	0.000
Cloquet	556,559	152,702	(403,857)	0.151	0.395
Columbia Heights	150,600	222,186	71,586	0.220	0.479
Coon Rapids	450,720	249,385	(201,335)	0.247	0.123
Corcoran	56,884	282,530	225,646	0.280	1.252
Cottage Grove	2,283,652	1,842,157	(441,495)	1.827	1.386
Crookston	0	157,334	157,334	0.156	0.410
Crystal	0	(1,275,000)	(1,275,000)	(1.265)	(2.649)
Dayton	0	0	0	0.000	0.000
Delano	338,373	422,474	84,101	0.419	2.427
Detroit Lakes	0	164,112	164,112	0.163	0.512
Duluth	(1,358,723)	0	1,358,723	0.000	0.000
Eagan	(1,903,787)	(1,795,000)	108,787	(1.781)	(0.789)
East Bethel	735,384	1,082,344	346,960	1.074	1.978
East Grand Forks	34,378	388,879	354,501	0.386	1.097
Eden Prairie	2,671,731	4,968,622	2,296,891	4.929	2.556
Edina	28,388	(1,300,127)	(1,328,515)	(1.290)	(1.039)
Elk River	204,492	266,455	61,963	0.264	0.333

Municipalities	Unencumbered Balance Available 12-31-2010	Unencumbered Balance Available 8-30-11	Difference Between 8-30-11 and 12-31-10	Percentage of Total Amount in Account	Ratio bet Balance & City's 2010 Construction Allotment
Fairmont	\$57,590	\$0	(\$57,590)	0.000	0.000
Falcon Heights	149,535	245,095	95,560	0.243	2.565
Faribault	77,360	630,077	552,717	0.625	0.857
Farmington	0	0	0	0.000	0.000
Fergus Falls	1,100,547	1,621,865	521,318	1.609	2.592
Forest Lake	0	0	0	0.000	0.000
Fridley	14,930	136,490	121,560	0.135	0.219
Glencoe	(375,081)	(268,055)	107,026	(0.266)	(1.514)
Golden Valley	1,535,441	1,896,298	360,857	1.881	4.115
Grand Rapids	235,322	568,067	332,745	0.564	1.087
Ham Lake	561,182	1,227,438	666,256	1.218	1.842
Hastings	69,766	496,962	427,196	0.493	1.157
Hermantown	(398,732)	(103,068)	295,664	(0.102)	(0.210)
Hibbing	475,029	146,359	(328,670)	0.145	0.166
Hopkins	0	0	0	0.000	0.000
Hugo	(1,084,965)	(679,691)	405,274	(0.674)	(1.677)
Hutchinson	1,103,151	1,291,892	188,741	1.282	2.398
International Falls	468,949	720,485	251,536	0.715	2.864
Inver Grove Heights	1,681,752	1,385,408	(296,344)	1.374	1.356
Isanti	42,806	198,291	155,485	0.197	1.275
Jordan	0	4,137	4,137	0.004	0.023
Kasson	350,102	535,499	185,397	0.531	2.888
La Crescent	39,705	0	(39,705)	0.000	0.000
Lake City	0	169,730	169,730	0.168	1.000
Lake Elmo	723,011	900,040	177,029	0.893	3.797
Lakeville	(2,200,000)	(1,373,488)	826,512	(1.362)	(0.956)
Lino Lakes	0	0	0	0.000	0.000
Litchfield	911,600	282,322	(629,278)	0.280	1.426
Little Canada	(754,695)	(467,198)	287,497	(0.463)	(1.625)
Little Falls	(1,191,912)	(693,986)	497,926	(0.688)	(1.394)
Mahtomedi	1,225,608	1,413,126	187,518	1.402	7.613
Mankato	2,177,759	3,243,063	1,065,304	3.217	3.044
Maple Grove	0	208,352	208,352	0.207	0.110
Maplewood	(1,672,159)	(1,750,750)	(78,591)	(1.737)	(1.754)
Marshall	(1,286,114)	(1,600,151)	(314,037)	(1.587)	(2.741)
Medina	0	0	0	0.000	0.000
Mendota Heights	971,325	1,301,407	330,082	1.291	3.554
Minneapolis	15,853,472	19,492,616	3,639,144	19.336	2.433
Minnetonka	0	1,724,071	1,724,071	1.710	0.913
Minnetrista	1,292,170	1,536,551	244,381	1.524	6.288
Montevideo	34,460	0	(34,460)	0.000	0.000
Monticello	907,408	589,715	(317,693)	0.585	2.027
Moorhead	1,536,716	2,787,338	1,250,622	2.765	2.214
Morris	138,087	307,403	169,316	0.305	1.816
Mound	0	0	0	0.000	0.000
Mounds View	0	0	0	0.000	0.000
New Brighton	(500,000)	0	500,000	0.000	0.000
New Hope	1,109,308	1,597,428	488,120	1.585	3.273
New Prague	151,529	224,324	72,795	0.223	1.378
New Ulm	(165,202)	363,535	528,737	0.361	0.569
North Branch	572,694	838,487	265,793	0.832	2.146
North Mankato	(600,286)	(286,984)	313,302	(0.285)	(0.645)
North St. Paul	(926,759)	(575,462)	351,297	(0.571)	(1.638)
Northfield	1,458,873	923,805	(535,068)	0.916	1.856
Oak Grove	(621,455)	(183,502)	437,953	(0.182)	(0.419)

Municipalities	Unencumbered Balance Available 12-31-2010	Unencumbered Balance Available 8-30-11	Difference Between 8-30-11 and 12-31-10	Percentage of Total Amount in Account	Ratio bet Balance & City's 2010 Construction Allotment
Oakdale	(\$891,280)	(\$367,277)	\$524,004	(0.364)	(0.701)
Orono	825,556	693,129	(132,427)	0.688	3.726
Otsego	631,054	1,073,952	442,898	1.065	2.425
Owatonna	402,195	0	(402,195)	0.000	0.000
Plymouth	0	1,763,848	1,763,848	1.750	0.922
Prior Lake	235,768	693,911	458,143	0.688	1.515
Ramsey	158,047	0	(158,047)	0.000	0.000
Red Wing	109,571	643,183	533,612	0.638	1.205
Redwood Falls	165,990	366,813	200,823	0.364	1.827
Richfield	(651,381)	71,063	722,444	0.070	0.081
Robbinsdale	1,747,883	2,094,175	346,292	2.077	6.047
Rochester	61,630	2,645,963	2,584,333	2.625	0.736
Rogers	984,083	(295,514)	(1,279,597)	(0.293)	(1.260)
Rosemount	0	632,808	632,808	0.628	0.655
Roseville	306,810	1,141,455	834,645	1.132	1.368
St. Anthony	0	0	0	0.000	0.000
St. Cloud	512,723	1,893,324	1,380,601	1.878	0.947
St. Francis	297,131	596,110	298,979	0.591	1.994
St. Joseph	628,339	803,297	174,958	0.797	4.591
St. Louis Park	1,767,712	1,792,339	24,627	1.778	1.900
St. Michael	(448,381)	0	448,381	0.000	0.000
St. Paul	8,243,571	14,573,144	6,329,573	14.456	2.302
St. Paul Park	0	21,949	21,949	0.022	0.166
St. Peter	455,234	832,397	377,163	0.826	1.654
Sartell	(2,642)	(1,416,192)	(1,413,550)	(1.405)	(2.678)
Sauk Rapids	(794,497)	(290,171)	504,326	(0.288)	(0.618)
Savage	2,219,076	2,138,560	(80,516)	2.121	2.802
Shakopee	(155,785)	0	155,785	0.000	0.000
Shoreview	280,233	74,559	(205,674)	0.074	0.119
Shorewood	(83,694)	120,956	204,650	0.120	0.591
South St. Paul	438,338	927,205	488,867	0.920	1.897
Spring Lake Park	(385,000)	(237,277)	147,723	(0.235)	(1.606)
Stewartville	(72,645)	69,814	142,459	0.069	0.490
Stillwater	148,020	152,379	4,359	0.151	0.305
Thief River Falls	(29,376)	188,843	218,219	0.187	0.468
Vadnais Heights	690,840	254,681	(436,159)	0.253	1.089
Victoria	451,555	605,226	153,671	0.600	3.938
Virginia	0	0	0	0.000	0.000
Waconia	262,563	627,229	364,666	0.622	1.720
Waite Park	190,419	48,126	(142,293)	0.048	0.251
Waseca	570,412	711,520	141,108	0.706	3.218
West St. Paul	809,222	1,096,897	287,675	1.088	2.613
White Bear Lake	0	0	0	0.000	0.000
Willmar	757,111	770,089	12,978	0.764	1.258
Winona	14,681	429,107	414,426	0.426	0.608
Woodbury	(1,771,438)	(415,686)	1,355,752	(0.412)	(0.266)
Worthington	692,463	746,242	53,779	0.740	2.088
Wyoming	534,291	756,972	222,681	0.751	2.622
Zimmerman	0	135,434	135,434	0.134	0.000
TOTAL	\$59,633,260	\$100,809,525	\$41,176,265	100.000	0.955

Excess Unencumbered Construction Fund Balance Adjustment

Screening Board Resolution states:

That 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 first year 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 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 reduced 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 shall start over with one.

This adjustment will be in addition to the unencumbered construction fund balance adjustment, and takes effect for the 2004 apportionment.

Low Balance Incentive

Screening Board Resolution states:

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

The September 1, 2011 balance is used for this estimate. The final adjustment will be made using the December 31, 2011 construction fund balances.

EXCESS BALANCE ADJUSTMENT REDISTRIBUTED AS LOW BALANCE INCENTIVE

NIMSA BOOKS/2011 JANUARY BOOK EXCESS BALANCE TO LOW BALANCE INCENTIVE.xls

Municipalities	January 2011 Construction Allotment	Unencumbered Balance Available Sept. 1, 2011	Ratio bet. Balance & City's 2011 Construction Allotment	First Year of Excess Balance Adjustment	Excess Balance Multiplier	Adjustment	2010 Unadjusted	Low Balance Incentive Factor	Low Balance Incentive
							Construction Needs	25-Year Construction	Low Balance Factor
Albert Lea	\$638,914	\$1,968,672	3.081	2012	1	(\$1,968,672)			
Albertville	267,444	507,634	1.898						
Alexandria	608,105	(225,591)	(0.371)				\$40,757,695	0.0143	\$292,615
Andover	1,014,024	0	0.000				58,849,623	0.0206	422,504
Anoka	451,000	0	0.000				19,587,712	0.0069	140,628
Apple Valley	1,398,907	1,090,186	0.779				57,367,834	0.0201	411,866
Arden Hills	228,050	1,052,919	4.617						
Austin	933,740	2,758,632	2.954						
Baxter	358,153	477,890	1.334						
Belle Plaine	259,714	0	0.000				10,578,646	0.0037	75,948
Bemidji	371,925	562,143	1.511						
Big Lake	254,263	506,283	1.991						
Blaine	1,275,805	3,063,035	2.401						
Bloomington	2,272,767	5,677,750	2.498						
Brainerd	590,773	0	0.000				26,878,558	0.0094	192,972
Brooklyn Center	737,702	0	0.000				17,735,542	0.0062	127,330
Brooklyn Park	1,496,050	0	0.000				48,264,419	0.0169	346,509
Buffalo	470,613	(1,062,319)	(2.257)				26,784,655	0.0094	192,298
Burnsville	1,665,080	(1,625,069)	(0.976)				77,377,329	0.0271	555,522
Byron	159,447	0	0.000				0	0.0000	0
Cambridge	282,390	38,380	0.136						
Champlin	558,198	0	0.000				22,110,339	0.0077	158,739
Chanhassen	649,659	0	0.000				23,087,854	0.0081	165,757
Chaska	613,168	0	0.000				26,972,089	0.0094	193,643
Chisholm	193,963	0	0.000				12,669,036	0.0044	90,956
Circle Pines	120,686	0	0.000				0	0.0000	0
Cloquet	386,350	152,702	0.395				28,945,576	0.0101	207,812
Columbia Heights	463,793	222,186	0.479				20,951,900	0.0073	150,422
Coon Rapids	2,030,287	249,385	0.123				65,806,065	0.0230	472,448
Corcoran	225,646	282,530	1.252						
Cottage Grove	1,328,883	1,842,157	1.386						
Crookston	383,513	157,334	0.410						
Crystal	481,303	(1,275,000)	(2.649)				15,123,811	0.0053	108,580
Dayton	152,225	0	0.000				0	0.0000	0
Delano	174,101	422,474	2.427						
Detroit Lakes	320,385	164,112	0.512				19,796,394	0.0069	142,126

Municipalities	January 2011 Construction Allotment	Unencumbered Balance Available Sept. 1, 2011	Ratio bet. City's 2011 Construction Allotment	First Year of Excess Balance Adjustment	Excess Balance Multiplier	Adjustment	2010 Unadjusted Construction Needs	Low Balance Incentive Factor
Duluth	\$3,387,618	\$0	0.000				\$233,276,321	0.0816
Eagan	2,276,359	(1,795,000)	(0.789)				82,989,465	0.0290
East Bethel	547,268	1,082,344	1.978					595,814
East Grand Forks	354,501	388,879	1.097					
Eden Prairie	1,943,614	4,968,622	2.556					
Edina	1,251,808	(1,300,127)	(1.039)				52,371,630	0.0183
Elk River	801,286	266,455	0.333				47,410,008	0.0166
Fairmont	610,987	0	0.000				31,510,565	0.0110
Falcon Heights	95,560	245,095	2.565					226,227
Faribault	735,547	630,077	0.857				41,259,460	0.0144
Farmington	521,570	0	0.000				24,502,772	0.0086
Fergus Falls	625,681	1,621,865	2.592					175,915
Forest Lake	620,747	0	0.000				53,951,192	0.0189
Fridley	622,688	136,490	0.219				33,152,823	0.0116
Glencoe	177,026	(268,055)	(1.514)				12,341,753	0.0043
Golden Valley	460,857	1,896,298	4.115	2011	2	(\$3,792,596)		88,606
Grand Rapids	522,745	568,067	1.087					
Ham Lake	666,256	1,227,438	1.842					
Hastings	429,685	496,962	1.157					
Hermantown	490,742	(103,068)	(0.210)				27,462,095	0.0096
Hibbing	882,179	146,359	0.166				63,765,795	0.0223
Hopkins	389,621	0	0.000				14,553,575	0.0051
Hugo	405,274	(679,691)	(1.677)				19,960,284	0.0070
Hutchinson	538,741	1,291,892	2.398					
International Falls	251,536	720,485	2.864					
Inver Grove Heights	1,021,978	1,385,408	1.356					
Isanti	155,485	198,291	1.275					
Jordan	177,716	4,137	0.023				10,158,593	0.0036
Kasson	185,397	535,499	2.888					72,933
La Crescent	204,365	0	0.000				0	0
Lake City	169,730	169,730	1.000					
Lake Elmo	237,029	900,040	3.797				No Adjustment	
Lakeville	1,436,512	(1,373,488)	(0.956)				78,047,700	0.0273
Lino Lakes	594,874	0	0.000				33,991,377	0.0119
Litchfield	197,969	282,322	1.426					244,037
Little Canada	287,497	(467,198)	(1.625)				14,173,556	0.0050
Little Falls	497,926	(693,986)	(1.394)				25,514,696	0.0089
Mahtomedi	185,617	1,413,126	7.613				No Adjustment	
Mankato	1,065,304	3,243,063	3.044	2012	1	(3,243,063)		
Maple Grove	1,891,561	208,352	0.110				86,753,848	0.0304
								622,840

Municipalities	January 2011 Construction Allotment	Unencumbered Balance Available Sept. 1, 2011	Ratio bet. City's 2011 Construction Allotment	First Year of Excess Balance Adjustment	Excess Balance Multiplier	Construction Adjustment	2010 Unadjusted 25-Year Construction Needs	Low Balance Incentive Factor
Maplewood	\$998,419	(\$1,750,750)	(1.754)				\$46,550,665	0.0163
Marshall	583,786	(1,600,151)	(2.741)				25,501,789	0.0089
Medina	152,779	0	0.000				0	0.0000
Mendota Heights	366,157	1,301,407	3.554				0	0
Minneapolis	8,012,124	19,492,616	2.433					
Minnetonka	1,889,071	1,724,071	0.913				76,559,949	0.0268
Minnetrista	244,381	1,536,551	6.288	2012	1	(\$1,536,551)		
Montevideo	207,320	0	0.000				8,679,105	0.0030
Monticello	290,871	589,715	2.027					62,311
Moorhead	1,259,082	2,787,338	2.214					
Morris	169,316	307,403	1.816				14,430,896	0.0051
Mound	296,127	0	0.000				13,504,035	0.0047
Mounds View	321,718	0	0.000				96,951	
New Brighton	560,067	0	0.000				23,783,496	0.0083
New Hope	488,120	1,597,428	3.273	2012	1	(1,597,428)		170,751
New Prague	162,836	224,324	1.378					
New Ulm	638,857	363,535	0.569				30,397,021	0.0106
North Branch	390,793	838,487	2.146					218,232
North Mankato	444,854	(286,984)	(0.645)				24,162,368	0.0085
North St. Paul	351,297	(575,462)	(1.638)				16,764,969	0.0059
Northfield	497,609	923,805	1.856					173,471
Oak Grove	437,953	(183,502)	(0.419)				30,336,621	0.0106
Oakdale	524,004	(367,277)	(0.701)				13,837,455	0.0048
Orono	186,040	693,129	3.726			No Adjustment		99,345
Otsego	442,898	1,073,952	2.425					
Owatonna	975,497	0	0.000				41,704,675	0.0146
Plymouth	1,913,030	1,763,848	0.922				85,686,864	0.0300
Prior Lake	458,143	693,911	1.515					615,180
Ramsey	621,351	0	0.000					
Red Wing	533,612	643,183	1.205				43,260,457	0.0151
Redwood Falls	200,823	366,813	1.827					310,584
Richfield	873,514	71,063	0.081				32,536,696	0.0114
Robbinsdale	346,292	2,094,175	6.047	2009	4	(8,376,701)		233,594
Rochester	3,595,218	2,645,963	0.736				154,372,565	0.0540
Rogers	234,505	(295,514)	(1.260)			No Adjustment	13,676,574	0.0048
Rosemount	965,425	632,808	0.655				42,561,507	0.0149
Roseville	834,645	1,141,455	1.368					305,566
Saint Anthony	189,474	0	0.000				8,346,813	0.0029
Saint Cloud	1,998,357	1,893,324	0.947				106,328,363	0.0372
Saint Francis	298,979	596,110	1.994					763,373

Municipalities	January 2011 Construction Allotment	Unencumbered Balance Available Sept. 1, 2011	Ratio bet. Balance & City's 2011 Construction Allotment	First Year of Excess Balance Adjustment	Excess Balance Multiplier	Construction Adjustment	2010 Unadjusted 25-Year Construction Needs	Low Balance Incentive Factor
Saint Joseph	\$174,958	\$803,297	4.591	No Adjustment				
Saint Louis Park	943,338	1,792,339	1.900					
Saint Michael	636,571	0	0.000				\$40,441,826	0.0142
Saint Paul	6,329,573	14,573,144	2.302					\$290,348
Saint Paul Park	131,949	21,949	0.166				6,106,072	0.0021
Saint Peter	503,370	832,397	1.654					43,838
Sartell	528,733	(1,416,192)	(2.678)				17,626,633	0.0062
Sauk Rapids	469,723	(290,171)	(0.618)				17,033,891	0.0060
Savage	763,244	2,138,560	2.802					122,293
Shakopee	734,609	0	0.000				36,265,055	0.0127
Shoreview	628,445	74,559	0.119				23,709,966	0.0083
Shorewood	204,650	120,956	0.591				9,390,133	0.0033
South Saint Paul	488,867	927,205	1.897					67,415
Spring Lake Park	147,723	(237,277)	(1.606)				4,632,372	0.0016
Stewartville	142,459	69,814	0.490				5,938,049	0.0021
Stillwater	499,066	152,379	0.305				24,623,902	0.0086
Thief River Falls	403,206	188,843	0.468				31,640,939	0.0111
Vadnais Heights	233,772	254,681	1.089					227,163
Victoria	153,671	605,226	3.938	No Adjustment				
Virginia	359,155	0	0.000				23,824,084	0.0083
Waconia	364,666	627,229	1.720					171,042
Waite Park	191,732	48,126	0.251				5,963,618	0.0021
Waseca	221,108	711,520	3.218	No Adjustment				42,815
West Saint Paul	419,714	1,096,897	2.613					
White Bear Lake	544,014	0	0.000				17,966,693	0.0063
Willmar	612,171	770,089	1.258					128,990
Winona	705,260	429,107	0.608				27,938,854	0.0098
Woodbury	1,560,752	(415,686)	(0.266)				62,889,997	0.0220
Worthington	357,437	746,242	2.088					451,512
Wyoming	288,681	756,972	2.622					
Zimmerman	135,434	135,434	1.000					
TOTAL	\$105,569,277	\$100,809,525					(\$20,515,012)	\$20,515,012

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

FOR THE OCTOBER 2011 ESTIMATE OF THE JANUARY 2012 ALLOCATION
(Next year's estimated adjustment)

Six cities with over \$1.5 million and three times their January 2011 construction allotment in their September 1, 2011 account balance had \$20,515,012 in needs redistributed to 78 cities with less than one times their allotment in their account.

Ten cities have over three times their January 2011 construction allotment as their September 1 account balance, but receive no adjustment because the balance is less than \$1.5 million.

FOR THE OCTOBER 2010 ESTIMATE OF THE JANUARY 2011 ALLOCATION
(Last year's estimated adjustment)

Seven cities with over \$1.5 million and three times their January 2010 construction allotment in their September 1, 2010 account balance had \$25,980,729 in needs redistributed to 85 cities with less than one times their allotment in their account.

Twelve cities have over three times their January 2010 construction allotment as their September 1 account balance, but receive no adjustment because the balance is less than \$1.5 million.

FOR THE ACTUAL JANUARY 2011 ALLOCATION
(This year's actual adjustment)

Three cities with over \$1.5M and three times their January 2010 construction allotment in their December 31, 2010 account balance had \$8,998,166 in needs redistributed to 97 cities with less than one times their allotment in their account.

Eleven other cities had over three times their January 2010 construction allotment as their December 31, 2010 account balance, but received no adjustment because the balance was less than \$1.5 million.

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2010)
(For Reference, see Bond Adjustment Resolution)

The average principal and interest on all Bond sales cannot exceed 90 percent of the last construction apportionment preceding the Bond sale.

COLUMN B: Total Disbursements and Obligations: The amount of bond applied toward State Aid projects. A Report Of State Contract must be submitted by December 31 of the previous year to get credit for the expenditure.

COLUMN C: Unencumbered Bond Balance Available: The amount of the bond not applied toward a State Aid project.

COLUMN D: Unamortized Bond Balance: The remaining bond principal to be paid on the issue. This payment is made from the city's construction account. Interest payments are made from the maintenance account and are not reflected in this chart.

The bond account adjustment is computed by using two steps.

Step 1: (A minus B) Amount of issue minus disbursements = unencumbered balance.

Step 2: (D minus C) Unamortized bond balance minus unencumbered balance = bond account adjustment.

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Municipality	Date of Issue	Amount of Issue	(A)	(B)	(C)	(D)	(D minus C)
			Total Amount Applied Toward State Aid Projects	(A Minus B) Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Bond Account Adjustment	
Andover	6-28-01	\$1,825,000	\$1,825,000	\$0	\$500,000	\$500,000	
Andover	03/26/09	955,000	930,000	25,000	740,000	715,000	
Apple Valley	3/01/03	2,630,000	0	2,630,000	425,000	(2,205,000)	
Apple Valley	2-01-04	855,000	0	855,000	300,000	(555,000)	
Apple Valley	03/01/09	2,775,000	0	2,775,000	2,775,000	0	
Big Lake	03/10/10	2,465,000	0	2,465,000	2,465,000	0	
Brooklyn Park	10/24/05	2,710,000	2,710,000	0	1,980,000	1,980,000	
Buffalo	05/17/10	315,000	0	315,000	315,000	0	
Buffalo	6-29-05	845,000	0	845,000	255,000	(590,000)	
Cambridge	5-01-01	340,000	311,142	28,858	0	(28,858)	
Circle Pines	07-17-08	1,055,000	1,011,592	43,408	940,000	0	
Coon Rapids	11/29/05	3,555,000	3,555,000	0	1,775,000	1,775,000	
Delano	11-15-08	865,000	0	865,000	685,000	(180,000)	
Eagan	08-12-08	4,105,000	3,961,220	143,780	3,900,000	3,756,220	
East Grand Forks	11-06-08	3,466,577	0	3,466,577	3,466,577	0	
Elk River	08/27/08	2,431,500	0	2,431,500	1,477,000	(954,500)	
Glencoe	06-01-03	974,000	0	974,000	526,000	(448,000)	
Glencoe	08-01-98	155,000	0	155,000	0	(155,000)	
Golden Valley	02/20/07	2,560,000	0	2,560,000	2,290,000	(270,000)	
Grand Rapids	08-29-05	1,105,000	1,105,000	0	585,000	585,000	
Grand Rapids	12-20-07	1,150,000	1,137,005	12,995	910,000	897,005	
Hutchinson	09-13-05	700,000	0	700,000	0	(700,000)	
Lake Elmo	05/12/09	535,000	525,000	10,000	400,000	390,000	
Lakeville	08-21-00	1,560,000	1,560,000	0	0	0	
Lakeville	12-01-01	1,080,000	1,080,000	0	690,000	690,000	
Lakeville	12-27-07	3,675,000	2,680,000	995,000	3,080,000	2,085,000	
Lakeville	12/07/09	2,680,000	0	2,680,000	2,680,000	0	
Little Canada	11-01-93	315,000	300,000	15,000	0	(15,000)	
Maplewood	08-01-04	5,355,000	5,355,000	0	3,735,000	3,735,000	
Maplewood	07-01-08	4,035,000	4,035,000	0	3,765,000	3,765,000	
Minnetonka	07-17-08	2,215,000	2,215,000	0	1,980,000	1,980,000	
North Branch	10-23-00	320,000	161,790	158,210	0	(158,210)	
North Branch	8-01-02	785,000	0	785,000	425,000	(360,000)	
North Branch	8-01-04	1,360,000	0	1,360,000	940,000	(420,000)	
North Mankato	12-22-09	3,120,000	645,000	2,475,000	3,120,000	645,000	
Ramsey	11/19/09	1,340,000	0	1,340,000	1,200,000	(140,000)	
Sartell	07-24-00	850,000	850,000	0	0	0	
Sartell	03/04/10	800,000	800,000	0	705,000	705,000	
Savage	04-02-00	800,000	0	800,000	305,000	(495,000)	
Savage	06-17-96	717,775	488,051	229,724	127,775	(101,949)	
St. Anthony	07-01-00	630,000	630,000	0	0	0	
St. Anthony	05/07/09	315,000	269,249	45,751	250,000	204,249	
St. Paul Park	06/03/09	620,000	0	620,000	510,000	(110,000)	
Thief River Falls	09-16-08	1,630,000	1,630,000	0	1,325,000	1,325,000	
Waseca	05-01-05	805,000	805,000	0	400,000	400,000	
Woodbury	07-20-01	4,589,700	4,589,700	0	1,125,000	1,125,000	
TOTAL		\$77,969,552	\$45,164,749	\$32,804,803	\$53,072,352	\$19,370,957	

AFTER THE FACT NON-EXISTING BRIDGE ADJUSTMENT

To compensate for not allowing needs for non-existing structures in the needs study, the Municipal Screening Board passed in the following resolution:

"That the Construction Needs for all "non-existing" bridges and grade separations be removed from the Needs Study until such time that a construction project is awarded. 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 period of 15 years. The total cost shall include project development and construction engineering costs based upon the current Project Development percentage included in the Needs Study.

N:\msas\books\October 2011 book\Non Existing Bridge Adjustment for 2012 apport.xls

15-Sep-11

Municipality	MSAS Number	Structure Number	First Year of Adjustment	Year of Apportionment Expiration	15 Years Amount Expired	Type of Funds	Project Development & Construction Engineering	Project Needs	Total Needs Adjustment
Chaska	107		1997	2011			\$62,344	\$346,355	\$408,699
Coon Rapids	120		1999	2013			160,235	890,196	1,050,431
Cottage Grove	111		1997	2011			7,872	43,731	51,603
Eagan	126	19562	2010	2024		MSAS	413,044	1,784,262	2,197,306
Eden Prairie	107		1997	2011			51,335	285,194	336,529
Edina	174		1997	2011			168,883	938,240	1,107,123
Farmington	107		2008	2022		Local Funds	229,355	1,042,524	1,271,879
Hutchinson	108		1998	2012			212,207	617,479	829,686
Maple Grove	127	97986	2000	2014		MSAS	17,926	99,588	
	135	27A49	2002	2016		Local Funds	125,466	627,329	
	134	27A40	2002	2016		MSAS	62,150	310,749	
	138	27A69	2003	2017		Local Funds	645,000	3,348,800	
	138	27A69	2004	2018		Local Funds	174,300	1,100,000	
	106	27A98	2008	2022		Local Funds	779,366	3,542,574	10,833,248
Moorhead	135		1998	2012			175,284	973,801	1,149,085
Plymouth	153-005	27A31	1999	2013			171,465	952,585	
	165-007	27A95	2004	2018		MSAS	311,915	1,559,577	
	164-009	27A68	2004	2018		MSAS	115,462	577,312	3,688,316
Ramsey	104		1998	2012			54,554	303,077	
	109-002	02569	2006	2020		MSAS	13,359	66,797	437,787
Rosemount	104-004	19557	2006	2020		MSAS	292,748	1,463,742	1,756,490
Saint Paul	288-003	62598	2005	2019		MSAS, Local	281,122	1,142,855	
	288-004	62616	2006	2020		MSAS	284,960	1,424,802	
	302-002	62617	2006	2020		MSAS	20,380	101,901	3,256,020
St. Paul Park	108-001	82027	2006	2020		MSAS	111,838	559,189	671,027
Shakopee	117-003	70550	2012	2026		MSAS	4,202	19,101	23,303
Thief River Falls	115-020	57516	2010	2024		MSAS	323,916	1,472,347	1,796,263
Winona	125-006	85555	2007	2021		MSAS	459,710	2,089,593	2,549,303
Woodbury	102	82518	2006	2020		Local	684,657	3,423,287	4,107,944
TOTAL					\$0		\$6,415,055	\$31,106,987	\$37,522,042

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

Payment requested in 2010

books\2011 October Book\Right of Way Projects 2010 for 2012.xlsx

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Bloomington	107-130-037	\$2,703	
	107-413-008	(\$16,679)	
			(\$13,976)
Brooklyn Park	110-136-003	768	768
Coon Rapids	114-127-004	51,038	51,038
Eagan	195-125-001	516,213	516,213
East Bethel	203-102-003	7,288	7,288
Elk River	204-104-006	106,117	106,117
Lakeville	188-110-006	6,270	6,270
Mankato	137-108-014	22,257	
	137-110-003	29,940	52,197
Maplewood	Local Funds on 138-112 & 138-121	541,433	541,433
Marshall	139-131-002	(80,436)	(80,436)
Mendota Heights	140-105-002	16,836	16,836
Minnetrista	243-105-002	145,293	145,293
Moorhead	Local Funds on 144-129	36,619	
	Local Funds on 144-134	2,158,319	
	Local Funds on 144-135	173,808	
	Local Funds on 144-138	191,868	
	Local Funds on 144-139	102,304	
	Local Funds on 144-144	14,862	
	Local Funds on 144-145	61,878	
	Local Funds on 144-146	57,715	2,797,373
North Mankato	150-254-002	64,226	64,226
Plymouth	155-164-011	(51,388)	(51,388)
Ramsey	199-102-006	207,749	207,749
Richfield	157-363-026	315,011	
	Local Funds on 157-363	3,712,584	
	Local Funds on 157-370	2,997,989	7,025,584
Rochester	Local Funds on 159-113	85,259	
	Local Funds on 159-122	67,842	
	Local Funds on 159-104	3,435	
	Local Funds on 159-164	997,425	
	Local Funds on 159-130	412,660	
	Local Funds on 159-159	100,585	
	Local Funds on 159-158	268,221	
	Local Funds on 159-109	116,217	2,051,644
	Local Funds on 159-121		
St Paul	164-297-001	3,662	
	164-297-002	1,838,507	1,842,169
Thief River Falls	170-124-001	59,400	59,400
Waseca	172-115-002	213,261	213,261
			\$15,559,059

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MSASbooks\2011 October Book\Right of Way Adjustment 2012.xls

21-Sep-11

MUNICIPALITY	1995-2009 RIGHT-OF-WAY EXPENDITURES	2010 RIGHT-OF-WAY EXPENDITURES	EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2012 APPORTIONMENT
	+	-			
Albert Lea	--	--	--		--
Albertville	--	--	--		--
Alexandria	\$340,593	--	--		\$340,593
Andover	5,296	--	--		5,296
Anoka	4,650	--	--		4,650
Apple Valley	126,066	--	--		126,066
Arden Hills	--	--	--		--
Austin	301,895	--	--		301,895
Baxter	468,225	--	--		468,225
Belle Plaine	--	--	--		--
Bemidji	56,122	--	--		56,122
Big Lake	--	--	--		--
Blaine	5,540,372	--	(\$109,097)		5,431,275
Bloomington	11,698,459	(\$13,976)	--		11,684,483
Brainerd	640,266	--	--		640,266
Brooklyn Center	1,309,990	--	--		1,309,990
Brooklyn Park	508,372	768	--		509,140
Buffalo	1,426,785	--	--		1,426,785
Burnsville	6,260	--	(6,260)		--
Byron	--	--	--		--
Cambridge	--	--	--		--
Champlin	72,191	--	--		72,191
Chanhassen	--	--	--		--
Chaska	--	--	--		--
Chisholm	--	--	--		--
Circle Pines	82,365	--	(82,365)		--
Cloquet	--	--	--		--
Columbia Heights	3,130	--	--		3,130
Coon Rapids	2,459,956	51,038	(50,336)		2,460,658
Corcoran	19,296	--	--		19,296
Cottage Grove	525,651	--	(4,638)		521,013
Crookston	--	--	--		--
Crystal	--	--	--		--
Dayton	5,281	--	(5,281)		--
Delano	--	--	--		--
Detroit Lakes	51,476	--	--		51,476
Duluth	2,764,841	--	--		2,764,841
Eagan	4,114,225	516,213	--		4,630,438
East Bethel	121,580	7,288	--		128,868
East Grand Forks	--	--	--		--
Eden Prairie	--	--	--		--
Edina	398,370	--	(256,163)		142,207
Elk River	2,341,462	106,117	--		2,447,579
Fairmont	--	--	--		--
Falcon Heights	--	--	--		--
Faribault	298,486	--	--		298,486

MUNICIPALITY	1995-2009 RIGHT-OF-WAY EXPENDITURES	2010 RIGHT-OF-WAY EXPENDITURES	EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2012 APPORTIONMENT
	+	-			
Farmington	--	--	--	--	--
Fergus Falls	\$94,773	--	--	--	\$94,773
Forest Lake	51,755	--	(\$36,883)		14,872
Fridley	--	--	--	--	--
Glencoe	--	--	--	--	--
Golden Valley	--	--	--	--	--
Grand Rapids	2,101,208	--	--	--	2,101,208
Ham Lake	413,032	--	(4,952)		408,080
Hastings	--	--	--	--	--
Hermantown	277,237	--	(47,390)		229,847
Hibbing	133,300	--	(126,635)		6,665
Hopkins	1,000	--	--	--	1,000
Hugo	125,690	--	--	--	125,690
Hutchinson	341,250	--	(175,000)		166,250
International Falls	--	--	--	--	--
Inver Grove Heights	791,192	--	(15,000)		776,192
Isanti	--	--	--	--	--
Jordan	--	--	--	--	--
Kasson	--	--	--	--	--
La Crescent	25,000	--	(25,000)		--
Lake City	7,000	--	--	--	7,000
Lake Elmo	6,310	--	--	--	6,310
Lakeville	3,773,131	\$6,270	(305,894)		3,473,507
Lino Lakes	412,101	--	--	--	412,101
Litchfield	--	--	--	--	--
Little Canada	--	--	--	--	--
Little Falls	1,435,391	--	--	--	1,435,391
Mahtomedi	--	--	--	--	--
Mankato	408,064	52,197	--	--	460,261
Maple Grove	3,639,196	--	(140,702)		3,498,494
Maplewood	4,738,115	541,433	--	--	5,279,548
Marshall	275,880	(80,436)	(12,425)		183,019
Medina	--	--	--	--	--
Mendota Heights	44,304	16,836	--	--	61,140
Minneapolis	1,046,426	--	(317,950)		728,476
Minnetonka	2,094,013	--	--	--	2,094,013
Minnetrista	--	145,293	--	--	145,293
Montevideo	31,070	--	--	--	31,070
Monticello	--	--	--	--	--
Moorhead	772,238	2,797,373	--	--	3,569,611
Morris	10,500	--	--	--	10,500
Mound	1,309,579	--	--	--	1,309,579
Mounds View	--	--	--	--	--
New Brighton	--	--	--	--	--
New Hope	--	--	--	--	--
New Prague	6,287	--	--	--	6,287
New Ulm	--	--	--	--	--
North Branch	13,538	--	--	--	13,538
North Mankato	--	64,226	--	--	64,226
North St. Paul	461,369	--	--	--	461,369
Northfield	--	--	--	--	--
Oak Grove	631,843	--	(29,899)		601,944
Oakdale	452,854	--	(22,400)		430,454
Orono	41,351	--	--	--	41,351

MUNICIPALITY	1995-2009 RIGHT-OF-WAY EXPENDITURES	2010 RIGHT-OF-WAY EXPENDITURES	EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2012 APPORTIONMENT
Otsego	\$293,120	--	--		\$293,120
Owatonna	119,703	--	--		119,703
Plymouth	528,821	(51,388)	--		477,433
Prior Lake	633	--	--		633
Ramsey	500	207,749	(500)		207,749
Red Wing	774,553	--	--		774,553
Redwood Falls	--	--	--		--
Richfield	3,045,607	7,025,584	--		10,071,191
Robbinsdale	--	--	--		--
Rochester	512,108	2,051,644	--		2,563,752
Rogers	--	--	--		--
Rosemount	389,000	--	--		389,000
Roseville	91,009	--	--		91,009
Saint Anthony	--	--	--		--
Saint Cloud	2,166,371	--	(48,057)		2,118,314
Saint Francis	14,990	--	--		14,990
Saint Joseph	--	--	--		--
Saint Louis Park	474,738	--	(256,113)		218,625
Saint Michael	86,132	--	--		86,132
Saint Paul	13,449,073	1,842,169	(182,122)		15,109,120
Saint Paul Park	65,293	--	--		65,293
Saint Peter	31,826	--	--		31,826
Sartell	193,878	--	--		193,878
Sauk Rapids	441,264	--	--		441,264
Savage	400,000	--	--		400,000
Shakopee	--	--	--		--
Shoreview	34,532	--	--		34,532
Shorewood	203,488	--	--		203,488
South St. Paul	--	--	--		--
Spring Lake Park	188,005	--	(129,350)		58,655
Stewartville	--	--	--		--
Stillwater	19,061	--	--		19,061
Thief River Falls	109,283	59,400	(26,759)		141,924
Vadnais Heights	--	--	--		--
Victoria	--	--	--		--
Virginia	--	--	--		--
Waconia	--	--	--		--
Waite Park	742,264	--	(28,764)		713,500
Waseca	--	213,261	--		213,261
West St. Paul	--	--	--		--
White Bear Lake	--	--	--		--
Willmar	167,616	--	--		167,616
Winona	8,000	--	--		8,000
Woodbury	6,722,202	--	--		6,722,202
Worthington	491	--	--		491
Wyoming	--	--	--		--
Zimmerman	--	--	--		--
TOTAL	\$92,931,219	\$15,559,059	(\$2,445,935)		\$106,044,343

AFTER THE FACT RETAINING WALL ADJUSTMENT

Amount as of December 31, 2010

To compensate for not allowing needs for retaining walls in the Needs Study, the Municipal Screening Board passed the following resolution:

That retaining wall Needs shall 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 shall be made by annually adding the local cost (which is the total cost less county or trunk highway participation for a 15 year period). 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 shall begin effective for all projects awarded after January 1, 2006.

Municipality	Previous Eligible Retaining Wall Expenditures	2010 Eligible Retaining Wall Expenditures	Expired Retaining Wall Expenditures	Total Retaining Wall Adjustment for 2012 Apportionment
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
Crystal	27,285	0	0	27,285
Duluth	594,891	0	0	594,891
Lakeville	118,042	0	0	118,042
Moorhead	0	93,402	0	93,402
New Hope	32,400	0	0	32,400
Oakdale	20,658	0	0	20,658
Plymouth	64,144	0	0	64,144
Saint Paul	51,542	0	0	51,542
Sartell	6,000	0	0	6,000
TOTAL	\$1,083,147	\$93,402	\$0	\$1,176,549

PROJECT LISTING OF RETAINING WALL CONSTRUCTION

Payment requested in 2010

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Moorhead	Local Funds on MSAS 138	\$93,402	\$93,402
TOTAL			\$93,402

Individual Adjustments

Worthington

State Aid Payment Request not included in January 2011 Adjustment

The City of Worthington had submitted a State Aid Payment Request into the District State Aid Engineer before December 31, 2010.

The Payment Request was for project 177-108-010 in the amount of \$287,243.82.

This amount was not included in the Unencumbered Construction Fund Balance Adjustment. This caused a higher balance for the city, which resulted in a lower allocation.

Therefore, the city will receive a one time positive adjustment to its Needs for the amount of \$287,244.

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 2012 Apportionment. All turnbacks eligible for maintenance payments as of December 31, 2011 are included in this tabulation. The total turnback maintenance apportionment has been computed in accordance with the 1967 Screening Board Resolution. (See Trunk Highway Turnback resolution.)

MSAS Books/2010 October Book/Turnback Maintenance Allowance 2011.xls							21-Sep-11		
Msas Route No.	Date of Release	Project Number	Plan Approved	Original Miles Eligible for TB Funding	Constructed with THTB Funds	Current Miles Eligible for TB Maint.	Date of MSAS Designation	Maintenance Allowance Eligible Miles X \$7,200	Total Turnback Maintenance Allocation
<u>Brainerd</u> 122 (TH 18)	11-01-00		Yes	0.37	0.37	0.00	01-02	\$0	\$0
<u>Fergus Falls</u> 141 (TH 297)	11-1-10			<u>0.56</u>	0.00	0.56	3-11		
<u>Hutchinson</u> 110 (TH22)	2-15-01		Yes	0.21	0.21	0.00		0	0
<u>Shakopee</u> TH 300 105 (TH 300) 122 (TH 300)			No No	0.92 <u>0.00</u>	0.00 0.92		12-02 12-02	6,624 6,624	6,624
<u>St. Peter</u> TH 295 Part of MSAS 102	9/01/09		No	0.20	0.00	0.20	06-2010	1,440	1,440
TOTAL				2.26	0.58	1.68		\$11,424	



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

October 26, 2011

Thomas Sorel, Commissioner
Mail Stop 100
395 John Ireland Blvd.
St. Paul, MN 55155

Dear Commissioner Sorel:

We, the undersigned, as members of the 2011 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 2012 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Jean Keely Blaine Chair	Kent Exner Hutchinson Vice Chair	Bob Moberg Plymouth Secretary
David Salo Hermantown District 1	Greg Bopprie East Grand Forks District 2	Steve Bot St. Michael District 3
Tim Schoonhoven Alexandria District 4	Tom Mathisen Crystal Metro West	David Strauss Stewartville District 6
Troy Nemmers Fairmont District 7	Kent Exner Hutchinson District 8	Mark Graham Vadnais Heights Metro East
Cindy Voigt Duluth	Don Elwood Minneapolis	Richard Freese Rochester

An Equal Opportunity Employer



2011 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Based on the 2011 Needs Study of the 2010 construction needs for the January 2012 allocation

N:\MSAS\BOOKS\2011 OCTOBER BOOK\2011 Adjusted Construction Needs Recommendations.xls

15-Sep-11

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Albert Lea	\$36,694,080	Forest Lake	\$54,353,401
Albertville	11,675,688	Fridley	33,254,350
Alexandria	41,642,127	Glencoe	12,095,414
Andover	60,512,620	Golden Valley	26,018,653
Anoka	19,732,990	Grand Rapids	48,664,551
Apple Valley	54,055,580	Ham Lake	29,614,328
Arden Hills	8,012,390	Hastings	15,058,435
Austin	43,235,542	Hermantown	27,992,171
Baxter	18,675,279	Hibbing	64,083,900
Belle Plaine	10,654,594	Hopkins	14,659,061
Bemidji	20,828,837	Hugo	20,908,968
Big Lake	13,825,481	Hutchinson	21,927,234
Blaine	45,010,731	International Falls	10,773,079
Bloomington	138,928,693	Inver Grove Heights	53,131,075
Brainerd	27,711,796	Isanti	7,990,249
Brooklyn Center	19,172,862	Jordan	10,227,388
Brooklyn Park	51,100,068	Kasson	6,495,461
Buffalo	28,876,056	La Crescent	0
Burnsville	79,557,920	Lake City	8,227,469
Byron	0	Lake Elmo	13,911,358
Cambridge	15,636,283	Lakeville	86,348,072
Champlin	22,341,269	Lino Lakes	34,647,515
Chanhassen	23,253,611	Litchfield	13,869,804
Chaska	27,574,431	Little Canada	14,727,512
Chisholm	12,759,992	Little Falls	27,827,253
Circle Pines	0	Mahtomedi	8,609,037
Cloquet	29,000,686	Mankato	51,797,884
Columbia Heights	20,883,266	Maple Grove	101,500,077
Coon Rapids	71,315,216	Maplewood	61,415,168
Corcoran	18,540,984	Marshall	27,468,046
Cottage Grove	57,310,043	Medina	0
Crookston	26,157,242	Mendota Heights	21,628,343
Crystal	16,534,676	Minneapolis	390,513,203
Dayton	0	Minnetonka	79,459,545
Delano	11,981,810	Minnetrista	16,562,214
Detroit Lakes	19,825,884	Montevideo	8,772,486
Duluth	238,310,835	Monticello	13,512,265
Eagan	95,964,243	Moorhead	71,793,038
East Bethel	35,717,581	Morris	9,446,983
East Grand Forks	23,756,837	Mound	15,844,080
Eden Prairie	63,137,194	Mounds View	13,600,986
Edina	55,297,083	New Brighton	23,954,247
Elk River	48,977,007	New Hope	17,692,623
Fairmont	31,736,792	New Prague	7,426,383
Falcon Heights	2,815,138	New Ulm	30,251,718
Faribault	41,224,087	North Branch	29,942,880
Farmington	25,950,566	North Mankato	25,332,049
Fergus Falls	43,559,412	North St. Paul	17,922,163

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Northfield	\$21,764,765	St. Peter	\$25,157,594
Oak Grove	31,339,865	Sartell	20,074,251
Oakdale	14,755,188	Sauk Rapids	17,887,619
Orono	9,507,232	Savage	23,414,875
Otsego	25,546,370	Shakopee	36,548,719
Owatonna	42,123,792	Shoreview	23,840,163
Plymouth	88,768,089	Shorewood	9,540,080
Prior Lake	23,001,578	South St. Paul	21,039,035
Ramsey	44,076,577	Spring Lake Park	4,961,562
Red Wing	38,098,330	Stewartville	5,910,866
Redwood Falls	12,979,610	Stillwater	24,667,369
Richfield	42,770,418	Thief River Falls	34,942,446
Robbinsdale	3,801,674	Vadnais Heights	9,002,481
Rochester	155,398,655	Victoria	5,755,378
Rogers	14,070,278	Virginia	23,995,126
Rosemount	44,379,755	Waconia	14,036,289
Roseville	34,198,779	Waite Park	6,671,807
St. Anthony	8,610,987	Waseca	11,497,461
St. Cloud	107,316,726	West St. Paul	14,025,934
Saint Francis	22,827,631	White Bear Lake	18,095,683
St. Joseph	4,392,966	Willmar	35,423,563
St. Louis Park	43,433,259	Winona	30,267,634
St. Michael	40,818,306	Woodbury	75,712,341
St. Paul	320,360,912	Worthington	15,246,102
St. Paul Park	6,754,281	Wyoming	15,433,245
		Zimmerman	4,444,965
		STATE TOTAL	\$5,239,406,230

TENTATIVE 2012 M.S.A.S. TOTAL APPORTIONMENT

The following tabulation shows each municipality's tentative construction (money) needs and population apportionment amounts for 2012. The tentative apportionment shown in this summary is for informational purposes only. The actual revenue will be announced in January 2012, when the Commissioner of Transportation determines the annual allotments.

Tentative 2012 TOTAL APPT.xlsx

20-Sep-11

Municipality	Tentative 2012 Population Apport. using the 2010 Census	Tentative 2012 Construction Needs Apportionment	Tentative 2012 Total Apportionment	Distribution Percentage
Albert Lea	\$342,478	\$486,946	\$829,424	0.5964
Albertville	133,904	154,941	288,845	0.2077
Alexandria	210,437	552,609	763,046	0.5486
Andover	581,658	803,028	1,384,686	0.9956
Anoka	325,864	261,865	587,729	0.4226
Apple Valley	933,070	717,341	1,650,411	1.1867
Arden Hills	181,580	106,328	287,908	0.2070
Austin	469,881	573,754	1,043,635	0.7504
Baxter	144,664	247,829	392,493	0.2822
Belle Plaine	126,623	141,391	268,014	0.1927
Bemidji	255,319	276,408	531,727	0.3823
Big Lake	191,237	183,470	374,707	0.2694
Blaine	1,087,086	597,312	1,684,398	1.2111
Bloomington	1,575,768	1,843,643	3,419,411	2.4586
Brainerd	258,341	367,747	626,088	0.4502
Brooklyn Center	572,267	254,432	826,699	0.5944
Brooklyn Park	1,440,571	678,120	2,118,691	1.5233
Buffalo	293,756	383,198	676,954	0.4867
Burnsville	1,146,397	1,055,767	2,202,164	1.5834
Byron	0	0	0	0.0000
Cambridge	154,187	207,500	361,687	0.2601
Champlin	438,914	296,478	735,392	0.5288
Chanhassen	436,310	308,585	744,895	0.5356
Chaska	451,860	365,924	817,784	0.5880
Chisholm	95,048	169,331	264,379	0.1901
Circle Pines	0	0	0	0.0000
Cloquet	230,473	384,851	615,324	0.4424
Columbia Heights	370,612	277,130	647,742	0.4657
Coon Rapids	1,168,638	946,383	2,115,021	1.5207
Corcoran	102,253	246,047	348,300	0.2504
Cottage Grove	657,525	760,529	1,418,054	1.0196
Crookston	150,005	347,118	497,123	0.3574
Crystal	421,083	219,422	640,505	0.4605
Dayton	0	0	0	0.0000
Delano	103,869	159,004	262,873	0.1890
Detroit Lakes	162,894	263,098	425,992	0.3063
Duluth	1,639,868	3,162,486	4,802,354	3.4529
Eagan	1,220,534	1,273,486	2,494,020	1.7932
East Bethel	221,006	473,987	694,993	0.4997
East Grand Forks	163,502	315,263	478,765	0.3442
Eden Prairie	1,155,730	837,857	1,993,587	1.4334
Edina	911,342	733,816	1,645,158	1.1829
Elk River	436,728	649,946	1,086,674	0.7813
Fairmont	202,757	421,161	623,918	0.4486
Falcon Heights	101,150	37,358	138,508	0.0996
Faribault	443,914	547,061	990,975	0.7125

Municipality	Tentative 2012 Population Apport. using the 2010 Census	Tentative 2012 Construction Needs Apportionment	Tentative 2012 Total Apportionment	Distribution Percentage
Farmington	\$400,838	\$344,375	\$745,213	0.5358
Fergus Falls	249,749	581,412	831,161	0.5976
Forest Lake	349,303	721,293	1,070,596	0.7698
Fridley	517,215	441,299	958,514	0.6892
Glencoe	107,043	160,511	267,554	0.1924
Golden Valley	387,246	345,279	732,525	0.5267
Grand Rapids	206,616	645,799	852,415	0.6129
Ham Lake	290,772	392,995	683,767	0.4916
Hastings	421,482	199,832	621,314	0.4467
Hermantown	178,957	371,468	550,425	0.3958
Hibbing	311,017	850,421	1,161,438	0.8351
Hopkins	334,399	194,532	528,931	0.3803
Hugo	253,437	277,471	530,908	0.3817
Hutchinson	269,519	290,984	560,503	0.4030
International Falls	122,118	142,963	265,081	0.1906
Inver Grove Heights	644,047	705,072	1,349,119	0.9700
Isanti	99,820	106,034	205,854	0.1480
Jordan	103,983	135,722	239,705	0.1723
Kasson	112,746	86,198	198,944	0.1430
La Crescent	0	0	0	0.0000
Lake City	96,246	109,182	205,428	0.1477
Lake Elmo	153,389	184,610	337,999	0.2430
Lakeville	1,063,667	1,145,876	2,209,543	1.5887
Lino Lakes	384,299	459,787	844,086	0.6069
Litchfield	127,859	184,058	311,917	0.2243
Little Canada	185,781	195,440	381,221	0.2741
Little Falls	158,598	369,279	527,877	0.3795
Mahtomedi	145,918	114,246	260,164	0.1871
Mankato	747,251	687,380	1,434,631	1.0315
Maple Grove	1,170,368	1,346,949	2,517,317	1.8100
Maplewood	722,709	815,005	1,537,714	1.1056
Marshall	260,052	364,513	624,565	0.4491
Medina	0	0	0	0.0000
Mendota Heights	210,456	287,017	497,473	0.3577
Minneapolis	7,272,678	5,182,276	12,454,954	8.9552
Minnetonka	945,426	1,054,462	1,999,888	1.4379
Minnetrista	121,358	219,788	341,146	0.2453
Montevideo	102,329	116,415	218,744	0.1573
Monticello	242,544	179,313	421,857	0.3033
Moorhead	723,603	952,724	1,676,327	1.2053
Morris	100,485	125,365	225,850	0.1624
Mound	172,075	210,258	382,333	0.2749
Mounds View	231,062	180,491	411,553	0.2959
New Brighton	407,871	317,883	725,754	0.5218
New Hope	386,637	234,789	621,426	0.4468
New Prague	139,170	98,551	237,721	0.1709
New Ulm	257,049	401,453	658,502	0.4735
North Branch	192,473	397,355	589,828	0.4241
North Mankato	254,615	336,167	590,782	0.4248
North St. Paul	217,851	237,835	455,686	0.3276
Northfield	380,326	288,828	669,154	0.4811
Oak Grove	152,667	415,893	568,560	0.4088
Oakdale	520,446	195,808	716,254	0.5150
Orono	141,375	126,165	267,540	0.1924

Municipality	Tentative 2012 Population Apport. using the 2010 Census	Tentative 2012 Construction Needs Apportionment	Tentative 2012 Total Apportionment	Distribution Percentage
Otsego	\$257,980	\$339,011	\$596,991	0.4292
Owatonna	486,628	559,001	1,045,629	0.7518
Plymouth	1,341,626	1,177,990	2,519,616	1.8116
Prior Lake	433,344	305,241	738,585	0.5310
Ramsey	449,921	584,915	1,034,836	0.7441
Red Wing	312,880	505,581	818,461	0.5885
Redwood Falls	99,877	172,245	272,122	0.1957
Richfield	669,672	567,582	1,237,254	0.8896
Robbinsdale	265,242	50,450	315,692	0.2270
Rochester	2,029,642	2,062,206	4,091,848	2.9421
Rogers	163,426	186,719	350,145	0.2518
Rosemount	415,817	588,938	1,004,755	0.7224
Roseville	639,865	453,832	1,093,697	0.7864
St. Anthony	156,373	114,271	270,644	0.1946
St. Cloud	1,251,634	1,424,139	2,675,773	1.9239
St. Francis	137,212	302,932	440,144	0.3165
St. Joseph	124,209	58,297	182,506	0.1312
St. Louis Park	860,187	576,378	1,436,565	1.0329
St. Michael	311,739	541,676	853,415	0.6136
St. Paul	5,419,046	4,251,325	9,670,371	6.9530
St. Paul Park	100,352	89,632	189,984	0.1366
St. Peter	212,832	335,292	548,124	0.3941
Sartell	301,797	266,394	568,191	0.4085
Sauk Rapids	242,810	237,376	480,186	0.3453
Savage	511,569	310,725	822,294	0.5912
Shakopee	704,802	491,641	1,196,443	0.8602
Shoreview	476,059	316,369	792,428	0.5698
Shorewood	138,904	126,601	265,505	0.1909
South St. Paul	383,235	279,197	662,432	0.4763
Spring Lake Park	121,890	65,842	187,732	0.1350
Stewartville	112,461	78,440	190,901	0.1373
Stillwater	346,451	327,346	673,797	0.4845
Thief River Falls	162,970	463,701	626,671	0.4506
Vadnais Heights	233,857	119,467	353,324	0.2540
Victoria	139,626	76,376	216,002	0.1553
Virginia	165,612	318,426	484,038	0.3480
Waconia	203,346	186,268	389,614	0.2801
Waite Park	127,650	88,538	216,188	0.1554
Waseca	178,881	152,576	331,457	0.2383
West St. Paul	371,449	186,130	557,579	0.4009
White Bear Lake	452,373	240,137	692,510	0.4979
Willmar	372,779	470,086	842,865	0.6060
Winona	524,515	401,664	926,179	0.6659
Woodbury	1,177,858	1,004,734	2,182,592	1.5693
Worthington	242,639	202,321	444,960	0.3199
Wyoming	148,105	204,805	352,910	0.2537
Zimmerman	99,384	58,986	158,370	0.1139
TOTAL	\$69,540,569	\$69,540,570	\$139,081,139	100.0000

COMPARISON OF THE 2011 ACTUAL TO 2012 TENTATIVE APPORTIONMENT

N:\MSAS\Books\2010 OCTOBER Book\Comparison of the 2010 to 2011 Tentative Apportionment

9/21/2011

Municipality	2011 Actual Total Apportionment	2012 Tentative Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Albert Lea	\$851,885	\$829,424	(\$22,461)	(2.6366)
Albertville	275,634	288,845	13,211	4.7930
Alexandria	810,807	763,046	(47,761)	(5.8906)
Andover	1,392,438	1,384,686	(7,752)	(0.5567)
Anoka	601,333	587,729	(13,604)	(2.2623)
Apple Valley	1,570,793	1,650,411	79,618	5.0687
Arden Hills	304,067	287,908	(16,159)	(5.3143)
Austin	1,027,810	1,043,635	15,825	1.5397
Baxter	381,448	392,493	11,045	2.8955
Belle Plaine	270,829	268,014	(2,815)	(1.0394)
Bemidji	495,900	531,727	35,827	7.2246
Big Lake	345,802	374,707	28,905	8.3588
Blaine	1,701,074	1,684,398	(16,676)	(0.9803)
Bloomington	3,496,564	3,419,411	(77,153)	(2.2065)
Brainerd	620,392	626,088	5,696	0.9181
Brooklyn Center	827,702	826,699	(1,003)	(0.1212)
Brooklyn Park	2,091,093	2,118,691	27,598	1.3198
Buffalo	651,902	676,954	25,052	3.8429
Burnsville	2,220,107	2,202,164	(17,943)	(0.8082)
Byron	167,547	0	(167,547)	100.0000
Cambridge	307,390	361,687	54,297	17.6639
Champlin	744,264	735,392	(8,872)	(1.1921)
Chanhassen	749,659	744,895	(4,764)	(0.6355)
Chaska	817,557	817,784	227	0.0278
Chisholm	258,618	264,379	5,761	2.2276
Circle Pines	163,511	0	(163,511)	(100.0000)
Cloquet	594,384	615,324	20,940	3.5230
Columbia Heights	618,391	647,742	29,351	4.7463
Coon Rapids	2,156,932	2,115,021	(41,911)	(1.9431)
Corcoran	347,147	348,300	1,153	0.3321
Cottage Grove	1,372,788	1,418,054	45,266	3.2974
Crookston	511,351	497,123	(14,228)	(2.7824)
Crystal	641,738	640,505	(1,233)	(0.1921)
Dayton	202,967	0	(202,967)	(100.0000)
Delano	268,308	262,873	(5,435)	(2.0257)
Detroit Lakes	427,180	425,992	(1,188)	(0.2781)
Duluth	4,839,454	4,802,354	(37,100)	(0.7666)
Eagan	2,497,662	2,494,020	(3,642)	(0.1458)
East Bethel	729,691	694,993	(34,698)	(4.7552)
East Grand Forks	472,668	478,765	6,097	1.2899
Eden Prairie	2,012,479	1,993,587	(18,892)	(0.9387)
Edina	1,669,077	1,645,158	(23,919)	(1.4331)
Elk River	1,101,938	1,086,674	(15,264)	(1.3852)
Fairmont	640,717	623,918	(16,799)	(2.6219)
Falcon Heights	147,016	138,508	(8,508)	(5.7871)
Faribault	980,729	990,975	10,246	1.0447
Farmington	695,427	745,213	49,786	7.1591
Fergus Falls	834,242	831,161	(3,081)	(0.3693)
Forest Lake	827,663	1,070,596	242,933	29.3517
Fridley	957,981	958,514	533	0.0556
Glencoe	262,219	267,554	5,335	2.0346
Golden Valley	735,584	732,525	(3,059)	(0.4159)
Grand Rapids	768,820	852,415	83,595	10.8732

Municipality	2011 Actual Total Apportionment	2012 Tentative Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Ham Lake	\$705,481	\$683,767	(\$21,714)	(3.0779)
Hastings	661,054	621,314	(39,740)	(6.0116)
Hermantown	555,742	550,425	(5,317)	(0.9567)
Hibbing	1,176,239	1,161,438	(14,801)	(1.2583)
Hopkins	519,495	528,931	9,436	1.8164
Hugo	540,365	530,908	(9,457)	(1.7501)
Hutchinson	567,043	560,503	(6,540)	(1.1534)
International Falls	263,626	265,081	1,455	0.5519
Inver Grove Heights	1,362,637	1,349,119	(13,518)	(0.9920)
Isanti	207,313	205,854	(1,459)	(0.7038)
Jordan	236,955	239,705	2,750	1.1606
Kasson	192,387	198,944	6,557	3.4082
La Crescent	213,125	0	(213,125)	(100.0000)
Lake City	226,307	205,428	(20,879)	(9.2260)
Lake Elmo	332,072	337,999	5,927	1.7849
Lakeville	2,210,018	2,209,543	(475)	(0.0215)
Lino Lakes	793,166	844,086	50,920	6.4198
Litchfield	304,567	311,917	7,350	2.4133
Little Canada	383,330	381,221	(2,109)	(0.5502)
Little Falls	521,431	527,877	6,446	1.2362
Mahtomedi	247,490	260,164	12,674	5.1210
Mankato	1,420,405	1,434,631	14,226	1.0015
Maple Grove	2,522,082	2,517,317	(4,765)	(0.1889)
Maplewood	1,519,486	1,537,714	18,228	1.1996
Marshall	610,351	624,565	14,214	2.3288
Medina	203,706	0	(203,706)	100.0000
Mendota Heights	488,209	497,473	9,264	1.8975
Minneapolis	12,326,344	12,454,954	128,610	1.0434
Minnetonka	2,031,179	1,999,888	(31,291)	(1.5405)
Minnetrista	325,842	341,146	15,304	4.6968
Montevideo	220,145	218,744	(1,401)	(0.6364)
Monticello	387,828	421,857	34,029	8.7743
Moorhead	1,656,687	1,676,327	19,640	1.1855
Morris	225,755	225,850	95	0.0421
Mound	394,836	382,333	(12,503)	(3.1666)
Mounds View	428,958	411,553	(17,405)	(4.0575)
New Brighton	746,756	725,754	(21,002)	(2.8124)
New Hope	650,827	621,426	(29,401)	(4.5175)
New Prague	217,115	237,721	20,606	9.4908
New Ulm	664,507	658,502	(6,005)	(0.9037)
North Branch	596,922	589,828	(7,094)	(1.1884)
North Mankato	581,616	590,782	9,166	1.5760
North St. Paul	468,396	455,686	(12,710)	(2.7135)
Northfield	663,479	669,154	5,675	0.8553
Oak Grove	583,937	568,560	(15,377)	(2.6333)
Oakdale	698,672	716,254	17,582	2.5165
Orono	248,054	267,540	19,486	7.8555
Otsego	590,531	596,991	6,460	1.0939
Owatonna	1,017,062	1,045,629	28,567	2.8088
Plymouth	2,550,707	2,519,616	(31,091)	(1.2189)
Prior Lake	704,835	738,585	33,750	4.7884
Ramsey	1,015,240	1,034,836	19,596	1.9302
Red Wing	820,941	818,461	(2,480)	(0.3021)
Redwood Falls	267,764	272,122	4,358	1.6276
Richfield	1,164,685	1,237,254	72,569	6.2308
Robbinsdale	361,397	315,692	(45,705)	(12.6468)
Rochester	3,994,687	4,091,848	97,161	2.4323

Municipality	2011 Actual Total Apportionment	2012 Tentative Total Apportionment	Increase (Decrease) Amount	% Increase (Decrease)
Rogers	\$312,673	\$350,145	\$37,472	11.9844
Rosemount	995,590	1,004,755	9,165	0.9206
Roseville	1,112,860	1,093,697	(19,163)	(1.7220)
St. Anthony	267,253	270,644	3,391	1.2688
St. Cloud	2,664,476	2,675,773	11,297	0.4240
St. Francis	398,639	440,144	41,505	10.4117
St. Joseph	181,138	182,506	1,368	0.7552
St. Louis Park	1,451,289	1,436,565	(14,724)	(1.0145)
St. Michael	848,761	853,415	4,654	0.5483
St. Paul	9,737,804	9,670,371	(67,433)	(0.6925)
St. Paul Park	189,565	189,984	419	0.2210
St. Peter	525,585	548,124	22,539	4.2884
Sartell	570,313	568,191	(2,122)	(0.3721)
Sauk Rapids	490,738	480,186	(10,552)	(2.1502)
Savage	821,503	822,294	791	0.0963
Shakopee	1,140,359	1,196,443	56,084	4.9181
Shoreview	785,556	792,428	6,872	0.8748
Shorewood	272,867	265,505	(7,362)	(2.6980)
South St. Paul	651,823	662,432	10,609	1.6276
Spring Lake Park	196,964	187,732	(9,232)	(4.6872)
Stewartville	189,945	190,901	956	0.5033
Stillwater	665,422	673,797	8,375	1.2586
Thief River Falls	595,349	626,671	31,322	5.2611
Vadnais Heights	359,650	353,324	(6,326)	(1.7589)
Victoria	204,895	216,002	11,107	5.4208
Virginia	478,873	484,038	5,165	1.0786
Waconia	380,641	389,614	8,973	2.3573
Waite Park	200,912	216,188	15,276	7.6033
Waseca	312,091	331,457	19,366	6.2052
West St. Paul	559,619	557,579	(2,040)	(0.3645)
White Bear Lake	725,352	692,510	(32,842)	(4.5277)
Willmar	816,228	842,865	26,637	3.2634
Winona	940,347	926,179	(14,168)	(1.5067)
Woodbury	2,117,672	2,182,592	64,920	3.0656
Worthington	417,437	444,960	27,523	6.5933
Wyoming	306,831	352,910	46,079	15.0177
Zimmerman	143,654	158,370	14,716	10.2441
TOTAL	\$139,081,139	\$139,081,139	\$0	0.0000

79 Cities Increased Their Estimated Total Apportionment

68 Cities Decreased Their Estimated Total Apportionment

TENTATIVE 2012 APPORTIONMENT RANKINGS

Rankings are from highest apportionment per Needs mile to lowest. Bridges in some cities increase the costs.

MnSAS Books, 2011 October Book Tentative 2012 Apportionment Rankings

Municipality	2011 Total Needs Mileage	2012 Tentative Population Apportionment Per Need Mile
Minneapolis	206.44	\$35,229
Hopkins	9.99	33,473
St. Paul	164.73	32,897
Falcon Heights	3.29	30,745
New Hope	12.85	30,088
Columbia Heights	12.50	29,649
Coon Rapids	41.83	27,938
West St. Paul	13.58	27,353
Richfield	24.51	27,322
St. Louis Park	31.58	27,238
Oakdale	19.30	26,966
Brooklyn Center	21.35	26,804
New Brighton	15.26	26,728
Robbinsdale	10.07	26,340
St. Anthony	5.95	26,281
Vadnais Heights	9.17	25,502
Burnsville	45.04	25,453
Eagan	48.00	25,428
Apple Valley	37.41	24,942
Farmington	16.24	24,682
Eden Prairie	47.08	24,548
Shoreview	19.64	24,239
Brooklyn Park	59.47	24,223
Arden Hills	7.53	24,114
Winona	21.76	24,105
Stewartville	4.71	23,877
Crystal	17.79	23,670
Waaseca	7.61	23,506
Plymouth	58.98	22,747
Edina	40.27	22,631
Fridley	22.87	22,615
St. Joseph	5.52	22,502
Blaine	48.71	22,318
Northfield	17.06	22,293

Municipality	2011 Total Needs Mileage	2012 Tentative Money Needs Apportionment Per Need Mile
Crookston	11.65	\$29,796
Thief River Falls	15.78	29,385
Duluth	114.86	27,533
Eagan	48.00	26,531
Mound	7.94	26,481
Delano	6.12	25,981
Saint Paul	164.73	25,808
Grand Rapids	25.71	25,119
Minneapolis	206.44	25,103
Bloomington	74.85	24,631
Saint Michael	22.43	24,150
Hermantown	15.50	23,966
Maple Grove	56.24	23,950
Burnsville	45.04	23,441
Richfield	24.51	23,157
Jordan	5.89	23,043
Saint Francis	13.16	23,019
New Ulm	17.68	22,707
Coon Rapids	41.83	22,625
Fergus Falls	25.76	22,570
Faribault	24.27	22,541
Maplewood	36.16	22,539
Forest Lake	32.25	22,366
Rochester	92.37	22,325
Buffalo	17.19	22,292
Columbia Heights	12.50	22,170
Alexandria	25.10	22,016
Saint Cloud	64.77	21,988
Albertville	7.15	21,670
North Mankato	15.57	21,591
Maplewood	92.37	21,514
Edina	24.114	21,514
Duluth	22.405	21,488
Saint Cloud	21.715	21,477
Falcon Heights	22.325	21,477
Edina	21.557	21,477
West St. Paul	21.591	21,477
Fridley	22.016	21,477
Duluth	21.514	21,477
Saint Peter	15.78	21,248
Farmington	16.24	21,205
Inver Grove Heights	33.30	21,173

Municipality	2011 Total Needs Mileage	2012 Tentative Total Apportionment Per Need Mile
Minneapolis	206.44	\$60,332
Saint Paul	164.73	58,704
Hopkins	29.385	52,946
Hopkins	9.99	51,959
Eagan	48.00	51,819
Columbia Heights	12.50	50,562
Coon Rapids	41.83	50,480
Richfield	24.51	48,894
Burnsville	45.04	48,360
New Hope	12.85	48,153
Burnsville	7.94	47,559
Farmington	16.24	45,888
Bloomington	74.85	45,684
Mound	24.631	45,490
New Brighton	22.43	45,486
Farmington	15.50	44,760
Bloomington	56.24	44,760
Saint Anthony	23,157	44,298
Saint Louis Park	23,441	44,117
Maple Grove	56.24	43,555
Maple Grove	23,043	43,555
Rochester	13.16	42,953
Apple Valley	17.68	42,720
Waaseca	22,625	42,672
Delano	22,570	42,563
Plymouth	22,541	42,525
Crookston	22,539	42,345
Winona	22,366	42,100
Maplewood	36.16	41,911
Edina	24.27	41,810
Fridley	22.87	40,853
Duluth	21,988	40,831
Saint Peter	15.78	40,697
Farmington	16.24	40,531
Inver Grove Heights	33.30	

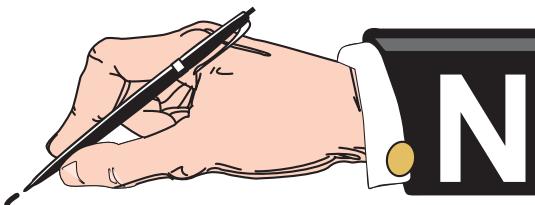
	Municipality	2011 Total Needs Mileage			2012 Tentative Money Needs Apportionment Per Need Mile			Municipality	2011 Total Needs Mileage			2012 Tentative Total Apportionment Per Need Mile		
		Total	Needs	Mileage	Total	Needs	Mileage		Total	Needs	Mileage	Apportionment	Per Need Mile	
Kasson	5.08	\$22,194	45.25	\$21,055	Inver Grove Heights	33.30	\$40,514							
Anoka	14.73	22,122	8.77	20,987	Albertville	7.15	40,398							
Chaska	20.47	22,074	20.13	20,922	Shoreview	19.64	40,348							
Roseville	29.12	21,973	11.38	20,899	Cottage Grove	35.35	40,115							
Rochester	92.37	21,973	15.26	20,831	North St. Paul	11.38	40,043							
South St. Paul	17.46	21,949	50.92	20,708	Woodbury	54.60	39,974							
Champlin	20.01	21,935	8.50	20,264	Chaska	20.47	39,950							
Mound	7.94	21,672	25.05	20,183	Anoka	14.73	39,900							
Woodbury	54.60	21,572	8.39	20,182	Thief River Falls	15.78	39,713							
White Bear Lake	21.03	21,511	18.34	20,135	Buffalo	17.19	39,381							
Prior Lake	20.38	21,263	24.19	20,130	Minnetona	50.92	39,275							
Worthington	11.44	21,210	7.61	20,049	Northfield	17.06	39,224							
Bloomington	74.85	21,052	58.98	19,973	Kasson	5.08	39,162							
Spring Lake Park	5.82	20,943	28.35	19,718	Worthington	11.44	38,895							
Maple Grove	56.24	20,810	9.99	19,473	Brooklyn Center	21.35	38,721							
Chanhassen	21.47	20,322	18.80	19,389	Vadnais Heights	9.17	38,530							
Maplewood	36.16	19,986	22.87	19,296	Arden Hills	7.53	38,235							
Monticello	12.14	19,979	8.33	19,269	Stillwater	17.68	38,111							
Hastings	21.24	19,844	5.95	19,205	Saint Michael	22.43	38,048							
Stillwater	17.68	19,596	19.16	19,193	North Mankato	9.17	37,944							
Mankato	38.20	19,562	29.91	19,183	South St. Paul	17.46	37,940							
Inver Grove Heights	33.30	19,341	37.41	19,175	Roseville	29.12	37,558							
St. Cloud	64.77	19,324	60.02	19,092	Mankato	38.20	37,556							
North St. Paul	11.38	19,143	30.96	19,023	New Ulm	17.68	37,246							
Waite Park	6.68	19,109	24.22	18,984	Oakdale	19.30	37,112							
Shakopee	37.02	19,038	42.60	18,850	Moorehead	45.25	37,046							
Savage	26.98	18,961	16.81	18,754	Owatonna	28.35	36,883							
Waconia	10.74	18,934	17.14	18,578	Lakeville	60.02	36,813							
Mounds View	7.43	18,792	15.50	18,517	Champlin	20.01	36,751							
Albertville	7.15	18,728	17.68	18,515	Waconia	10.74	36,277							
Cottage Grove	35.35	18,600	21.76	18,459	Prior Lake	20.38	36,241							
Minnetonka	50.92	18,589	54.60	18,402	Crystal	17.79	36,004							
Faribault	24.27	18,567	12.85	18,272	Brooklyn Park	59.47	35,626							
New Prague	7.73	18,291	31.58	18,251	Litchfield	8.77	35,566							
Lakeville	60.02	17,722	38.20	18,222	Hermantown	15.50	35,511							
Jordan	5.89	17,654	36.33	17,890	Austin	29.91	34,893							
Sauk Rapids	14.01	17,331	20.47	17,876	Lino Lakes	24.22	34,851							
					Chaska	12.14	34,749							

Municipality	2012 Tentative Population Apportionment Per Need Mile			Municipality	2012 Tentative Money Needs Apportionment Per Need Mile		
	Total	Needs	Mileage		Total	Needs	Mileage
Kasson	5.08	\$22,194	45.25	\$21,055	Inver Grove Heights	33.30	\$40,514
Anoka	14.73	22,122	8.77	20,987	Albertville	7.15	40,398
Chaska	20.47	22,074	20.13	20,922	Shoreview	19.64	40,348
Roseville	29.12	21,973	11.38	20,899	Cottage Grove	35.35	40,115
Rochester	92.37	21,973	15.26	20,831	North St. Paul	11.38	40,043
South St. Paul	17.46	21,949	50.92	20,708	Woodbury	54.60	39,974
Champlin	20.01	21,935	8.50	20,264	Chaska	20.47	39,950
Mound	7.94	21,672	25.05	20,183	Anoka	14.73	39,900
Woodbury	54.60	21,572	8.39	20,182	Thief River Falls	15.78	39,713
White Bear Lake	21.03	21,511	18.34	20,135	Buffalo	17.19	39,381
Prior Lake	20.38	21,263	24.19	20,130	Minnetona	50.92	39,275
Worthington	11.44	21,210	7.61	20,049	Northfield	17.06	39,224
Bloomington	74.85	21,052	58.98	19,973	Kasson	5.08	39,162
Spring Lake Park	5.82	20,943	28.35	19,718	Worthington	11.44	38,895
Maple Grove	56.24	20,810	9.99	19,473	Brooklyn Center	21.35	38,721
Chanhassen	21.47	20,322	18.80	19,389	Vadnais Heights	9.17	38,530
Maplewood	36.16	19,986	22.87	19,296	Arden Hills	7.53	38,235
Monticello	12.14	19,979	8.33	19,269	Stillwater	17.68	38,111
Hastings	21.24	19,844	5.95	19,205	Saint Michael	22.43	38,048
Stillwater	17.68	19,596	19.16	19,193	North Mankato	9.17	37,944
Mankato	38.20	19,562	29.91	19,183	South St. Paul	17.46	37,940
Inver Grove Heights	33.30	19,341	37.41	19,175	Roseville	29.12	37,558
St. Cloud	64.77	19,324	60.02	19,092	Mankato	38.20	37,556
North St. Paul	11.38	19,143	30.96	19,023	New Ulm	17.68	37,246
Waite Park	6.68	19,109	24.22	18,984	Oakdale	19.30	37,112
Shakopee	37.02	19,038	42.60	18,850	Moorehead	45.25	37,046
Savage	26.98	18,961	16.81	18,754	Owatonna	28.35	36,883
Waconia	10.74	18,934	17.14	18,578	Lakeville	60.02	36,813
Mounds View	7.43	18,792	15.50	18,517	Champlin	20.01	36,751
Albertville	7.15	18,728	17.68	18,515	Waconia	10.74	36,277
Cottage Grove	35.35	18,600	21.76	18,459	Prior Lake	20.38	36,241
Minnetonka	50.92	18,589	54.60	18,402	Crystal	17.79	36,004
Faribault	24.27	18,567	12.85	18,272	Brooklyn Park	59.47	35,626
New Prague	7.73	18,291	31.58	18,251	Litchfield	8.77	35,566
Lakeville	60.02	17,722	40.27	18,222	Hermantown	15.50	35,511
Jordan	5.89	17,654	38.20	17,994	Austin	29.91	34,893
Sauk Rapids	14.01	17,331	36.33	17,890	Lino Lakes	24.22	34,851
			20.47	17,876	Chaska	12.14	34,749

Municipality	2011 Total Needs Mileage	2012 Tentative Population Apportionment Per Need Mile	2012			
			2011 Total Needs Mileage	2012 Tentative Money Needs Apportionment Per Need Mile	2011 Total Needs Mileage	2012 Tentative Total Apportionment Per Need Mile
Owatonna	28.35	\$17,165	47.08	\$17,796	Saint Peter	15.78
Buffalo	17.19	17,089	14.73	17,778	Chanhassen	21.47
Delano	6.12	16,972	21.67	17,760	Blaine	48.71
Sartell	17.97	16,794	8.06	17,737	Albert Lea	24.19
Big Lake	11.51	16,615	11.44	17,685	Sauk Rapids	14.01
Mahomesi	8.83	16,525	26.73	17,586	Little Canada	11.35
St. Paul Park	6.08	16,505	10.74	17,343	Saint Francis	13.16
Golden Valley	23.57	16,430	11.35	17,219	Marshall	18.80
Little Canada	11.35	16,368	12.92	17,011	Forest Lake	32.25
North Mankato	15.57	16,353	5.08	16,968	Grand Rapids	25.71
Shorewood	8.58	16,189	14.01	16,943	Mounds View	12.43
Northeast	45.25	15,991	17.06	16,930	Saint Joseph	5.52
Lino Lakes	24.22	15,867	24.60	16,906	White Bear Lake	21.03
Austin	29.91	15,710	8.46	16,713	International Falls	8.06
Zimmerman	6.39	15,553	4.71	16,654	Brainerd	19.16
International Falls	8.06	15,151	28.78	16,469	Red Wing	25.05
Belle Plaine	8.46	14,967	24.63	16,133	Big Lake	11.51
Orono	9.45	14,960	19.64	16,108	Andover	42.60
Litchfield	8.77	14,579	53.17	15,994	Rosemount	30.96
New Ulm	17.68	14,539	17.46	15,991	Waite Park	6.68
Isanti	6.89	14,488	11.51	15,940	Shakopee	37.02
Bemidji	17.65	14,466	15.53	15,843	Fergus Falls	25.76
Hutchinson	18.70	14,413	17.65	15,661	Spring Lake Park	5.82
Duluth	114.86	14,277	11.98	15,586	Glencoe	8.33
Albert Lea	24.19	14,158	29.12	15,585	Mendota Heights	15.50
Willmar	26.73	13,946	18.70	15,561	Redwood Falls	8.50
St. Michael	22.43	13,898	37.89	15,437	Belle Plaine	8.46
Marshall	18.80	13,833	6.89	15,390	Sartell	32.119
Andover	42.60	13,654	22.52	15,054	William	32.319
Rogers	11.98	13,642	20.38	14,977	Chisholm	32.266
Mendota Heights	15.50	13,578	17.97	14,824	Robbinsdale	32.256
St. Peter	15.78	13,487	20.01	14,816	Saint Paul Park	32.095
Brainerd	19.16	13,483	12.14	14,770	Golden Valley	32.014
Rosemount	30.96	13,431	8.58	14,755	Fairmont	31.511
Crookston	11.65	12,876	9.45	13,351	Shorewood	31.350
Glencoe	8.33	12,850	37.02	13,280	New Prague	31.247
Red Wing	25.05	12,490	6.68	13,254	Savage	31.079
Hugo	20.61	12,297	8.83	13,184	Alexandria	30.994
Elk River	36.33	12,021	14.07	13,121	Bemidji	30.945

Municipality	2011 Total Needs Mileage			2012 Tentative Money Needs Apportionment Per Need Mile			Municipality	2011 Total Needs Mileage			2012 Tentative Total Apportionment Per Need Mile		
	Population	Apportionment	Per Need Mile	Total Needs Mileage	Money Needs	Apportionment Per Need Mile		Total	Needs	Mileage	Total	Apportionment	Per Need Mile
Vadnais Heights	11,874	\$11,874	9.17	\$13,028	21.67	\$28,395	Cloquet	9.17	9.45	28,311			
Lake City	11,750	11,750	8.39	13,013			Orono	8.39	12,938		28,240		
Mahtomedi	11,589	11,589	8.83	12,938			Virginia	8.83	14,742		27,312		
Saint Paul Park	11,546	11,546	6.08	14,742			Ramsey	6.08	14,649		26,509		
Golden Valley	11,472	11,472	23.57	14,649			Osseo	23.57	14,535		26,404		
Baxter	11,456	11,456	17.05	14,535			Minnetrista	17.05	14,521		25,760		
Mounds View	11,329	11,329	12.43	14,521			Hugo	12.43	14,373		25,011		
Chanhassen	11,128	11,128	21.47	14,373			Morris	21.47	14,121		29,973		
Arden Hills	10,902	10,902	7.53	14,121			Hutchinson	7.53	13,883		29,911		
Morris	10,831	10,831	9.03	13,883			Elk River	9.03	13,706		29,877		
West St. Paul	10,636	10,636	13.58	13,706			Isanti	13.58	13,463		29,464		
Hugo	10,426	10,426	20.61	13,463			Mahomedi	20.61	12,865		29,252		
Wyoming	10,328	10,328	15.92	12,865			Hastings	15.92	12,749		29,227		
New Prague	10,072	10,072	7.73	12,749			Rogers	7.73	12,676		29,072		
Cambridge	9,726	9,726	16.37	12,676			Victoria	16.37	12,334		28,783		
Crystal	9,695	9,695	17.79	12,334			Little Falls	17.79	12,263		28,481		
Blaine	9,662	9,662	48.71	12,263			East Grand Forks	48.71	12,152		29,227		
Ham Lake	9,419	9,419	32.34	12,152			Zimmerman	32.34	11,917		29,072		
Brooklyn Center	9,393	9,393	21.35	11,917			Montevideo	21.35	11,772		28,783		
Detroit Lakes	9,303	9,303	22.35	11,772			Lake City	22.35	11,517		28,481		
Savage	9,991	9,991	26.98	11,517			East Bethel	26.98	11,419		24,784		
White Bear Lake	8,648	8,648	21.03	11,419			Lake Elmo	21.03	11,403		24,023		
Brooklyn Park	8,485	8,485	59.47	11,403			North Branch	59.47	11,355		24,485		
Falcon Heights	8,384	8,384	3.29	11,355			Oak Grove	3.29	11,145		23,112		
Spring Lake Park	8,036	8,036	5.82	11,313			Baxter	5.82	11,313		23,020		
Saint Joseph	7,815	7,815	5.52	10,561			Corcoran	5.52	10,279		22,428		
Victoria	7,679	7,679	7.43	10,279			Wyoming	7.43	10,145		22,168		
Oakdale	7,288	7,288	19.30	10,145			Cambridge	19.30	9,408		22,095		
Corcoran	6,584	6,584	21.24	9,408			Hibbing	21.24	9,231		21,844		
Oak Grove	6,206	6,206	6.39	9,231			Ham Lake	6.39	5,010		21,143		
Hibbing	5,849	5,849	10.07	5,010			Detroit Lakes	10.07	5,010		19,060		
TOTAL				\$17,762							\$35,642		

Municipality	2012 Tentative Population Apportionment Per Need Mile			2011 Total Needs Mileage			Municipality	2012 Tentative Money Needs Apportionment Per Need Mile			2011 Total Needs Mileage		
	Population	Apportionment	Per Need Mile	Total Needs Mileage	Money Needs	Apportionment Per Need Mile		Total	Needs	Mileage	Total	Apportionment	Per Need Mile
Ramsey	37.89	\$11,874	9.17	\$13,028	21.67	\$28,395	Cloquet	9.17	9.45	28,311			
Redwood Falls	8.50	11,750	8.39	13,013			Orono	8.39	12,938		28,240		
Montevideo	8.83	11,589	8.83	12,938			Virginia	8.83	14,742		27,312		
Hermantown	15.50	11,546	6.08	14,742			Ramsey	6.08	14,649		26,509		
Lake City	8.39	11,472	23.57	14,649			Osseo	23.57	14,535		26,404		
Osseo	22.52	11,456	17.05	14,535			Minnetrista	17.05	14,521		25,760		
Chisholm	8.39	11,329	12.43	14,521			Hugo	12.43	14,373		25,011		
Morris	9.03	11,128	21.47	14,373			Morris	21.47	14,121		29,973		
Lake Elmo	14.07	10,902	7.53	14,121			Hutchinson	7.53	13,883		29,911		
Forest Lake	32.25	10,831	9.03	13,883			Elk River	9.03	13,706		29,877		
Cloquet	21.67	10,636	13.58	13,706			Isanti	13.58	13,463		29,464		
St. Francis	13.16	10,426	20.61	13,463			Mahomedi	20.61	12,865		29,252		
Thief River Falls	15.78	10,328	15.92	12,865			Hastings	15.92	12,749		29,227		
Fairmont	20.13	10,072	7.73	12,749			Rogers	7.73	12,676		29,072		
East Grand Forks	16.81	9,726	16.37	12,676			Victoria	16.37	12,334		28,783		
Fergus Falls	25.76	9,695	17.79	12,334			Little Falls	17.79	12,263		28,481		
Virginia	17.14	9,662	48.71	12,263			East Grand Forks	48.71	12,152		29,227		
Cambridge	16.37	9,419	32.34	12,152			Zimmerman	32.34	11,917		29,072		
Minnetrista	12.92	9,393	21.35	11,917			Montevideo	21.35	11,772		28,783		
Wyoming	15.92	9,303	22.35	11,772			Lake City	22.35	11,517		28,481		
Ham Lake	32.34	8,991	26.98	11,517			East Bethel	26.98	11,419		24,784		
Little Falls	18.34	8,648	21.03	11,419			Lake Elmo	21.03	11,403		24,023		
Baxter	17.05	8,485	59.47	11,403			North Branch	59.47	11,355		24,485		
Alexandria	25.10	8,384	3.29	11,355			Oak Grove	3.29	11,145		23,112		
Grand Rapids	25.71	8,036	5.82	11,313			Baxter	5.82	11,313		23,020		
North Branch	24.63	7,815	5.52	10,561			Corcoran	5.52	10,279		22,428		
East Bethel	28.78	7,679	7.43	10,279			Wyoming	7.43	10,145		22,168		
Detroit Lakes	22.35	7,288	26.98	11,145			Cambridge	26.98	11,145		22,095		
Corcoran	15.53	6,584	21.24	9,408			Hibbing	21.24	9,408		21,844		
Oak Grove	24.60	6,206	6.39	9,231			Ham Lake	6.39	9,231		21,143		
Hibbing	53.17	5,849	10.07	5,010			Detroit Lakes	10.07	5,010		19,060		
TOTAL				\$17,762							\$35,642		



NOTES and COMMENTS

OTHER



TOPICS

Certification of MSAS System as Complete

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

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

When a system is certified as complete, the certification shall be good for two years. The dollar amount eligible for use on local streets will be based on the population portion of the annual construction apportionment. The beginning construction account figure for this calculation shall be the amount of the current years 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 apportionment is of the total apportionment. This percent is then multiplied times the construction allotment. This is the amount of the construction allotment that is generated from the population apportionment. Only its construction allocation is used because the city has already received its maintenance allocation.

Population Apportionment / Total Apportionment * Construction Allocation = Local Amount Available.

Prepared for the October 2011 booklet
 Construction Account Balances as of August 25, 2011

THE MAXIMUM LOCAL AMOUNT AVAILABLE MAY CHANGE UPON RECEIPT OF ANY PAYMENT REQUEST

n/msas/2010 October book/Certified Complete for Fall 2010.xlsx

	Fridley	Columbia Heights	Falcon Heights	South St. Paul	Crookston
A Total 2011 Construction Allocation minus any GF Advance Repayment	\$622,688	\$463,793	\$95,560	\$488,867	\$383,513
B Amount of 2011 Construction Allocation based on Population	\$335,456	\$261,154	\$70,417	\$284,563	\$115,517
C Amount of 2011 Construction Allocation based on Needs	\$287,232	\$202,639	\$25,143	\$204,304	\$267,996
D Local Amount Remaining from Previous Years (based on population)	(\$94,605)	\$257,081	\$257,710	\$1,119,569	\$0
E Maximum Local Amount Available after January 2011 Allocation	\$240,851	\$518,235	\$328,127	\$1,404,132	\$115,517
F Amount Spent on Local Projects as of August 25, 2011	\$331,987	\$0	\$0	\$0	\$0
G Amount Spent on SA Projects as of August 25, 2011	\$144,084	\$397,406	\$0	\$0	\$228,349
H Construction Account Balance as of August 25, 2011	\$136,490	\$222,186	\$245,095	\$927,205	\$157,334
I Maximum Local Amount Available as of August 25, 2011	(\$91,136)	\$323,468	\$328,127	\$1,404,132	\$115,517

To Calculate the MAXIMUM LOCAL AMOUNT AVAILABLE AS OF A CERTAIN DATE (Row I):

If G is LESS THAN C, then:

Row I equals E minus F

If G is GREATER THAN C, then:

Row I equals E minus the quantity (G minus C)

Certification of MSAS System as Complete

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 years Local Amount Available.

MUNICIPAL STATE AID CONSTRUCTION ACCOUNT ADVANCE GUIDELINES

State Aid Advances

M.S. 162.14 provides for municipalities to make advances from future year's allocations for the purpose of expediting construction. This process not only helps reduce the construction fund balance, but also allows municipalities to fund projects that may have been delayed due to funding shortages.

The formula used to determine if advances will be available is based on the current fund balance, expenditures trends, repayments and the \$20,000,000 recommended threshold. The threshold can be administratively adjusted by the State Aid Engineer and reported to the Screening Board at the next Screening Board meeting.

The process used for advancing is dependent on the code levels which are listed below. Code levels for the current year can be obtained from the SAF website in the "Advances" area.

State Aid Advance Code Levels

Guidelines for advances are determined by the following codes.

SEVERE

Code RED - SEVERE - Fund Balances too low. NO ADVANCES - NO EXCEPTIONS

HIGH

Code ORANGE - HIGH - Fund Balance below acceptable levels. Priority system in use. Advances approved thru DSAE and State Aid Engineer only. Resolution required. Approved projects are automatically reserved.

GUARDED

Code BLUE- GUARDED - Fund balance low; balances reviewed monthly. Advances on first-come, first-serve basis. Resolution required. Reserve option available only prior to bid advertisement.

LOW

Code GREEN - LOW - Fund Balance above acceptable level. Advances approved on first-come, first-serve basis while funds are available. Resolution required. High priority projects reserved; others optional.

General Guidelines for State Aid & Federal Aid Advance Construction

Advancing occurs once a city's account balance is zero. A City Council Resolution must be received by State Aid Finance before any funds will be advanced. Once the resolution is received by SAF, the approved amount will appear in the "Available to Advance" column on the city's Status Report in the State Aid Accounting System (SAAS).

Advances are not limited to the projects listed on the resolution. Project payments are processed in the order received by SAF until the maximum advance amount is reached. Resolutions are

good for year of submission only and can not be submitted for multiple years. Advances are repaid from next year's allocation until fully repaid.

Advance funding is not guaranteed. A "Request to Reserve" funding form can be submitted to ensure funds will be available for your project. Once approved, a signed copy will be returned to the Municipality.

A Sample Resolution and a Request to Reserve Funding form can be obtained from SAF website - <http://www.dot.state.mn.us/safinance>. Mail completed forms to Sandra Martinez in State Aid Finance. Check with your DSAE to see if they want a copy of the forms.

Priority System

A Priority System can be required if the fund balances drop below an acceptable level (Red & Orange Level). This process starts the fall proceeding the advance year. Each city will be required to submit projects to their DSAE for prioritization within the district. The DSAE will submit the prioritized list to SALT for final prioritization.

Requests should include a negative impact statement if project had to be delayed or advance funding was not available. In addition, include the significance of the project.

Priority projects include, but are not limited to projects where agreements have mandated the city's participation, or projects with advanced federal aid. Small over-runs and funding shortfalls may be funded, but require State Aid approval.

Advance Limitations

Statutory - None

Ref. M.S.162.14, Subd 6.

State Aid Rules - None

Ref. State Aid Rules 8820.1500, Subp 10& 10b.

State Aid Guidelines

Advance is limited to four times the municipalities' last construction allotment or \$3,000,000, whichever is less. The limit can be administratively adjusted by the State Aid Engineer.

Limitation may be exceeded due to federal aid advance construction projects programmed by the ATP in the STIP where State Aid funds are used in lieu of federal funds. Repayment will be made at the time federal funds are converted. Should federal funds fail to be programmed, or the project (or a portion of the project) be declared federally ineligible, the local agency is required to pay back the advance under a payment plan mutually agreed to between State Aid and the Municipality.

HISTORY OF ADMINISTRATIVE ACCOUNT

2% OF THE TOTAL FUNDS AVAILABLE ARE SET ASIDE FOR THE ADMINISTRATION OF STATE AID. THE ACCOUNT IS USED FOR EXPENSES OF SCREENING BOARD MEETINGS, VARIANCE MEETINGS, PRINTING OF STATE AID MATERIALS, ETC.

N:MSAS BOOKS\2011 OCTOBER BOOK\PAST HISTORY OF ADMINISTRATIVE & RESEARCH ACCOUNT 2011.XLS

Year	January Allotment	Year End Balance	Spent		
				Year	Allotment
1958	\$113,220	\$48,310	\$64,910	2007	\$1,752,250
1970	252,736	147,968	104,768	2008	1,750,808
1980	521,544	171,544	350,000	2009	1,866,306
1990	1,248,109	218,586	1,029,523	2010	2,614,101
2000	1,583,411	1,230,268	353,143	2011	2,858,585

The unexpended balance of the administration account at the end of the year is transferred back to the MSAS fund and redistributed the following year.

HISTORY OF THE RESEARCH ACCOUNT

Each year the Screening Board, provided for in section 162.13, Subdivision 3, may recommend to the commissioner a sum of money that the commissioner shall set aside from the municipal state aid street fund and credit to a research account. The amount so recommended shall not exceed 1/2 of 1% of the preceding apportionment. Any balance remaining in the research account at the end of each year from sum set aside for the year immediately previous, shall be transferred to the MSAS fund.

Be it resolved that an amount of \$695,405 (not to exceed 1/2 of 1% of the 2011 MSAS Apportionment sum of \$138,081,139) shall be set aside from the 2012 Apportionment fund and be credited to the research account.

Year	Allotment	Spent		
			Year	Allotment
1958	\$0	\$0	2007	\$557,436
1970	37,803	2,151	2008	572,095
1980	77,116	40,764	2009	571,991
1990	191,254	150,294	2010	608,806
2000	487,286	487,286	2011	636,577
			2012	695,405



Transportation Revolving Loan Fund

(TRLF) Program Summary

The Transportation Revolving Loan Fund provides financing to state, local and other government entities for transportation projects approved by the Minnesota department of Transportation (Mn/DOT). Administered jointly by the Public Facilities Authority (PFA) and Mn/DOT, the program provides below-market-rate loans. When the loans are repaid, the funds are returned to the TRLF and used to finance additional projects.

Eligibility:

To be eligible for TRLF financing, a project must be eligible under Title 23 (Highways) or Title 49 (Transit Capital) of the U.S. Code, and Minnesota Statutes, Section 446A.085, Subdivision 2. However, the SAFETEA-LU Technical Corrections Bill (HR 1195) enacted on June 6, 2008 extended this eligibility to roads functionally classified as minor collectors. Eligible projects include, but are not limited to, pre-design studies; acquisition of right-of-way; road and bridge maintenance, repair, improvement, or construction; enhancement items; rail and air safety projects; and transit capital projects.

Minimum Requirements:

Applicants must demonstrate the financial ability to repay the loan and have complete financing for the project. Borrowers must issue a general obligation or revenue bond to the PFA as security for the loan. Loans can be amortized up to a maximum of 30 years but cannot exceed the useful life of the project. Financing options include conventional loans, loan guarantees, lines of credit, credit enhancements, equipment financing leases, bond insurance, and other forms of financial assistance.

Loan Replacement Sources:

Possible loan replacement sources are property tax levies, special assessments, tax increment financing, local government option sales taxes, future federal funds, future state funds, and customer fees from revenue-generating projects such as parking ramps, park and ride lots, and intermodal facilities.

Interest Rates and Fund Disbursement:

The PFA sets a discount interest rate from a municipal bond index. An additional discount of one percent is provided for borrowers with population less than 5,000. Loan funds are disbursed on a monthly basis as costs are incurred.

Application and Approval Process:

Applications are submitted to the appropriate Mn/DOT district for initial review and approval by the Area Transportation partnership (ATP). Applications that are approved by the ATP, certified by Mn/DOT and approved by the PFA will receive funding.

Please contact Trang Chu at Mn/DOT 651-366-3782 for additional information.

Updated May 2011



Transportation Revolving Loan Fund

(TRLF) Program Origination

In November 1995, the federal government established the State Infrastructure Bank (SIB) program through the National Highway System Designation Act to finance transportation projects by eligible borrowers. The purpose of the SIB program is to attract new funding into transportation, encourage innovative approaches to financing transportation projects, and help build needed transportation infrastructure.

SIB operates much like a commercial bank by offering loans and other types of financial assistance to eligible borrowers to finance transportation projects. When the loans are repaid, the funds are returned to the SIB and used to finance additional projects, creating a continually expanding pool of money for transportation projects.

During the 1997 legislative session, the Minnesota Department of transportation (Mn/DOT) created and signed into law a SIB for Minnesota, known as the Transportation Revolving Loan Fund (TRLF) Act. The TRLF Act authorized Mn/DOT, the Minnesota Department of Trade and Economic Development (DTED), and the Minnesota Public Facilities Authority (PFA) to jointly develop and administer a SIB program. Mn/DOT is responsible for evaluating and certifying transportation projects to the PFA for TRLF financing. The PFA is responsible for conducting a financial evaluation of the certified project applications and setting the terms and conditions for the TRLF loans.

In June of 1997, the federal government authorized Minnesota to create a SIB program and appropriated the state \$4 million in federal incentive funds to capitalize the TRLF. All federal funds deposited into the TRLF require the concurrent deposit of a non-federal match of 25% of the federal contribution. Since its inception in 1997, the TRLF has been capitalized with approximately \$58.5 million which includes:

- \$4 million Federal General Fund SEED (1998-2005)
- \$31 million Federal Formula (1998-2000)
- \$7 million State Trunk Highway (1999-2000)
- \$16.5 million State General Fund (1998-2000)

\$8.2 million of the State General Fund was taken back in 2003 to help balance the state budget. Over the life of the program, \$50.3 million in the TRLF has leveraged over \$156 million in loans to date.

TRLF Project History as of May 2011

68 total project applications (33 city, 18 county, 15 Mn/DOT, and 2 Metropolitan Council)

27 total projects funded (14 city, 7 county, 4 Mn/DOT, and 2 Metropolitan Council)

Updated May 2011

TRANSPORTATION REVOLVING LOAN FUND

State Statute 162.125 states:

MATCHING FUNDS FOR MSAS REVOLVING LOAN ACCOUNT.

The screening board appointed under section 162.13, subdivision 3, may recommend to the commissioner that the commissioner allocate a portion of municipal state-aid street funds to the municipal state-aid street revolving loan account. The commissioner may allocate no more than the amount recommended by the screening board.

This section, as added by Laws 1997, chapter 141, section 6, is effective six months after the effective date of an increase in the gasoline excise tax rate or vehicle registration tax rates. Laws 1997, chapter 141, section 11.

Annually, the Municipal Screening Board shall recommend to the Commissioner an amount, if any, of the Municipal State Aid Street apportionment fund to be allocated to the MSAS Transportation Revolving Loan Fund

HISTORY OF THE TRANSPORTATION REVOLVING LOAN FUND

Year	Amount allocated to the TRLF from the MSAS apportionment fund
From 1997 to 2008 law was enacted but not in effect	
2009	\$0.00
2010	0.00
2011	0.00
2012	

COUNTY HIGHWAY TURNBACK POLICY

Definitions:

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

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

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

MILEAGE CONSIDERATIONS

County State Aid Highway Turnbacks

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

County Road Turnbacks

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

Jurisdictional Exchanges

County Road for MSAS

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

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

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

CSAH for MSAS

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

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

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

NOTE:

When a city receives **less** mileage in a CSAH exchange it will have less mileage to designate within its 20% mileage limitation and may have to revoke mileage the following year when it computes its allowable mileage.

Explanation: After this exchange is completed, a city will have more CSAH mileage and less MSAS mileage than before the exchange. The new CSAH mileage was included in the city's basic mileage when it was MSAS (before the exchange) but is not included when it is CSAH (after the exchange). So, after the jurisdictional exchange the city will have less basic mileage and 20% of that mileage will be a smaller number.

If a city has more mileage designated than the new, lower 20% allowable mileage, the city will be over designated and be required to revoke some mileage. **If a revocation is necessary, it will not have to be done until the following year after a city computes its new allowable mileage.**

MSAS designation on a County Road

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

MISCELLANEOUS

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

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

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

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

**CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD**

October 2011

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**)

That annually the Commissioner of Mn/DOT will 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 Nine Construction MnDOT State Aid Districts as they exist in 2010, together with one representative from each of the three (3) major four (4) cities of the first class.

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

That 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 shall 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)

That the Screening Board Chair shall 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 shall be made at the annual winter meeting of the City's Engineers Association. The appointed subcommittee person shall serve as chair of the subcommittee in the third year of the appointment.

Appointment to Unencumbered Construction Funds Subcommittee - Revised June 1979

That the Screening Board past Chair be appointed to serve a three-year term on the Unencumbered Construction Fund Subcommittee. This will continue to maintain an experienced group to follow a program of accomplishments.

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

That 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, shall, in a written report, communicate with the State Aid Engineer. The State Aid Engineer with concurrence of the Chair of the Screening Board shall 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

That the Screening Board Chair, with the assistance of the State Aid Engineer, determine the dates and locations for that year's Screening Board meetings.

Research Account - Oct. 1961

That an annual resolution be considered for setting aside up to $\frac{1}{2}$ of 1% of the previous years Apportionment fund for the Research Account to continue municipal street research activity.

Soil Type - Oct. 1961 (Revised June, 2005)

That the soil type classification as approved by the 1961 Municipal Screening Board, for all municipalities under Municipal State Aid be adopted for the 1962 Needs Study and 1963 apportionment on all streets in the respective municipalities. Said classifications are to be continued in use until subsequently amended or revised by using the following steps:

- a) The DSAE shall have the authority to review and approve requests for Soils Factor revisions on independent segments (if less than 10% of the MSAS system). Appropriate written documentation is required with the request and the DSAE should consult with the Mn/DOT Materials Office prior to approval.
- b) If greater than 10% of the municipality's MSAS system mileage is proposed for Soil Factor revisions, the following shall occur:
 - Step 1. The DSAE (in consultation with the Mn/DOT Materials Office) and Needs Study Subcommittee will review the request with appropriate written documentation and make a recommendation to the Screening Board.
 - Step 2. The Screening Board shall review and make the final determination of the request for Soils Factor revisions.

That when a new municipality becomes eligible to participate in the MSAS allocation, the soil type to be used for Needs purposes shall be based upon the Mn/DOT Soils Classification Map for Needs purposes. Any requests for changes must follow the above process.

Improper Needs Report - Oct. 1961

That the State Aid Engineer and the District State Aid Engineer 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)

That any new city having determined its eligible mileage, but has not submitted its Needs to the DSAE by December 1, will have its money Needs determined at the cost per mile of the lowest other city.

Unit Price Study- Oct. 2006

That 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. The Screening Board may request a Unit Price Study on individual items in the 'off years' if it is deemed necessary.

Construction Cut Off Date - Oct. 1962 (Revised 1967)

That for the purpose of measuring the Needs of the Municipal State Aid Street System, the annual cut off date for recording construction accomplishments shall be based upon the project award date and shall be December 31st of the preceding year.

Construction Accomplishments - Oct. 1988 (Revised June 1993, October 2001, October 2003)

That when a Municipal State Aid Street is constructed to State Aid Standards, said street shall be considered adequate for a period of 20 years from the project award date or encumbrance of force account funds.

That in the event sidewalk or curb and gutter is constructed for the total length of the segment, those items shall be removed from the Needs for a period of 20 years.

All segments considered deficient for Needs purposes and receiving complete Needs shall receive street lighting Needs at the current unit cost per mile.

That if the construction of a Municipal State Aid Street is accomplished, only the Construction Needs necessary to bring the segment up to State Aid Standards will be permitted in subsequent Needs after 10 years from the date of the letting or encumbrance of force account funds. For the purposes of the Needs Study, these shall be called Widening Needs. Widening Needs shall continue until reinstatement for complete Construction Needs shall be initiated by the Municipality.

That Needs for resurfacing, and traffic signals shall be allowed on all Municipal State Aid Streets at all times.

That any bridge construction project shall cause the Needs of the affected bridge to be removed for a period of 35 years from the project letting date or date of force account agreement. At the end of the 35 year period, Needs for complete reconstruction of the bridge will be reinstated in the Needs Study at the initiative of the Municipal Engineer.

That the adjustments above will apply regardless of the source of funding for the road or bridge project. Needs may be granted as an exception to this resolution upon request by the Municipal Engineer and justified to the satisfaction of the State Aid Engineer (e.g., a deficiency due to changing standards, projected traffic, or other verifiable causes).

That in the event that an M.S.A.S. route earning "After the Fact" Needs is removed from the M.S.A.S. system, then, the "After the Fact" Needs shall 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.

Population Apportionment - October 1994, 1996

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

DESIGN

Design Limitation on Non-Existing Streets - Oct. 1965

That non-existing streets shall not have their Needs computed on the basis of urban design unless justified to the satisfaction of the State Aid Engineer.

Less Than Minimum Width - Oct. 1961 (Revised 1986)

That if a Municipal State Aid Street is constructed with State Aid funds to a width less than the design width in the quantity tables for Needs purposes, the total Needs shall be taken off such constructed street other than Additional Surfacing Needs.

Additional surfacing and other future Needs shall be limited to the constructed width as reported in the Needs Study, unless exception is justified to the satisfaction of the State Aid Engineer.

Greater Than Minimum Width (Revised June 1993)

That if a Municipal State Aid Street is constructed to a width wider than required, Resurfacing Needs will be allowed on the constructed width.

Miscellaneous Limitations - Oct. 1961

That miscellaneous items such as fence removal, bituminous surface removal, manhole adjustment, and relocation of street lights are not permitted in the Municipal State Aid Street Needs Study. The item of retaining walls, however, shall be included in the Needs Study.

MILEAGE - Feb. 1959 (Revised Oct. 1994, 1998)

That the maximum mileage for Municipal State Aid Street designation shall 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)

However, the maximum mileage for State Aid designation may be exceeded to designate trunk highway turnbacks after July 1, 1965 and county highway turnbacks after May 11, 1994 subject to State Aid Operations Rules.

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

That the maximum mileage for Municipal State Aid Street designation shall 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 shall not be permitted. Frontage roads not designated Trunk Highway, Trunk Highway Turnback or County State Aid Highways shall 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 shall be included in the municipality's basic street mileage. Any State Aid Street that is on the boundary of two adjoining urban municipalities shall be considered as one-half mileage for each municipality.

That all mileage on the MSAS system shall accrue Needs in accordance with current rules and resolutions.

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

That 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)

That 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.

That all 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 COSTS

That the Needs Study Subcommittee shall annually review the Unit Prices used in the Needs Study. The Subcommittee shall make its recommendation the Municipal Screening Board at its annual spring meeting.

Grading Factors (or Multipliers) October 2007

That Needs for tree removal, pavement removal, curb and gutter removal and sidewalk removal shall be removed from urban segments in the Needs study and replaced with an Urban Grading Multiplier approved by the Municipal Screening Board. This Multiplier will be multiplied by the Grading/Excavation Needs of each deficient proposed urban segment in the Needs study.

That Needs for tree removal, pavement removal, special drainage, gravel surface and gravel shoulders shall be removed from the rural segments in the Needs study and be replaced with a Rural Grading Multiplied approved by the Municipal Screening Board. This Multiplier will be multiplied by the Grading/Excavation Needs of each deficient proposed rural segment in the Needs study.

That these Grading Factors shall take effect for the January 2009 allocation.

2011 UNIT PRICE RECOMMENDATIONS				
Needs Item	2010 Need Prices	Subcommittee Recommended Prices for 2011	Screening Board Approved Prices For 2011	
Grading (Excavation)	Cu. Yd. <u>\$4.90</u>	<u>\$5.05</u> *	<u>\$5.05</u> *	
Class 5 Base #2211	Ton <u>10.10</u>	<u>10.40</u> *	<u>10.40</u> *	
All Bituminous	Ton <u>56.75</u>	<u>60.00</u> *	<u>60.00</u> *	
Sidewalk Construction	Sq. Yd. <u>27.85</u>	<u>28.60</u> *	<u>28.60</u> *	
Curb and Gutter Construction	Lin.Ft. <u>11.00</u>	<u>11.30</u> *	<u>11.30</u> *	
Storm Sewer Adjustment	Mile <u>94,200</u>	<u>95,600</u>	<u>95,600</u>	
Storm Sewer	Mile <u>295,400</u>	<u>301,300</u>	<u>301,300</u>	
Street Lighting	Mile <u>100,000</u>	<u>100,000</u> *	<u>100,000</u> *	
Traffic Signals	Per Sig <u>136,000</u>	<u>136,000</u> *	<u>136,000</u> *	
Signal Needs Based On Projected Traffic				
Projected Traffic	Percentage X Unit Price =	Needs Per Mile		
0 - 4,999	.25	\$136,000 = \$34,000	<u>34,000</u> *	<u>34,000</u> *
5,000 - 9,999	.50	136,000 = 68,000	<u>68,000</u> *	<u>68,000</u> *
10,000 & Over	1.00	136,000 = 136,000	<u>136,000</u> *	<u>136,000</u> *
Right of Way (Needs Only)				
Engineering	Acre <u>98,850</u>	<u>100,000</u> *	<u>100,000</u> *	
	Percent <u>22</u>	<u>22</u>	<u>22</u>	
Railroad Grade Crossing				
Signs	Unit <u>2,500</u>	<u>2,500</u>	<u>2,500</u>	
Pavement Marking	Unit <u>2,500</u>	<u>2,500</u>	<u>2,500</u>	
Signals (Single Track-Low Speed)	Unit <u>250,000</u>	<u>275,000</u>	<u>275,000</u>	
Signals & Gate (Multiple				
Track - High & Low Speed)	Unit <u>275,000</u>	<u>300,000</u>	<u>300,000</u>	
Concrete Xing Material(Per Track)	Lin.Ft. <u>1,800</u>	<u>1,800</u>	<u>1,800</u>	
Bridges				
0 to 149 Ft.	Sq. Ft. <u>120.00</u>	<u>115.00</u>	<u>115.00</u>	
150 to 499 Ft.	Sq. Ft. <u>120.00</u>	<u>115.00</u>	<u>115.00</u>	
500 Ft. and over	Sq. Ft. <u>120.00</u>	<u>115.00</u>	<u>115.00</u>	
Railroad Bridges over Highways				
Number of Tracks - 1	Lin.Ft. <u>10,200</u>	<u>10,200</u> *	<u>10,200</u> *	
Additional Track (each)	Lin.Ft. <u>8,500</u>	<u>8,500</u> *	<u>8,500</u> *	

*2.68% Construction Cost Index can be applied based on the Engineering News Record CCI

ANNUAL MAINTENANCE NEEDS COST

	2010 NEEDS PRICES		SUBCOMMITTEE SUGGESTED PRICES		SCREENING BOARD RECOMMENDED PRICES	
	Under 1000 ADT	Over 1000 ADT	Under 1000 ADT	Over 1000 ADT	Under 1000 ADT	Over 1000 ADT
2.68% CCI			\$2,002	\$3,286	\$2,002	\$3,286
Traffic Lane Per Mile	\$1,950	\$3,200	\$2,000	\$3,300	\$2,000	\$3,300
2.68% CCI			2,002	2,002	2,002	2,002
Parking Lane Per Mile	1,950	1,950	2,000	2,000	2,000	2,000
2.68% CCI			719	1,335	719	1,335
Median Strip Per Mile	700	1,300	725	1,350	725	1,350
2.68% CCI			719	719	719	719
Storm Sewer Per Mile	700	700	725	725	725	725
2.68% CCI			719	719	719	719
Per Traffic Signal	700	700	725	725	725	725
Normal M.S.A.S. Streets			6,546	6,546	6,546	6,546
Minimum Allowance Per Mile	6,375	6,375	6,550	6,550	6,550	6,550

NEEDS ADJUSTMENTS

Bond Adjustment - Oct. 1961 (Revised 1976, 1979, 1995, 2003, Oct. 2005)

That a separate annual adjustment shall be made in total money Needs of a municipality that has sold and issued bonds pursuant to Minnesota Statutes, Section 162.18, for use on State Aid projects.

That this adjustment shall be based upon the remaining amount of principal to be paid minus any amount not applied toward Municipal State Aid, County State Aid or Trunk Highway projects.

Unencumbered Construction Fund Balance Adjustment - Oct. 1961 (Revised October 1991, 1996, October, 1999, 2003)

That for the determination of Apportionment Needs, a city with a positive unencumbered construction fund balance as of December 31st of the current year shall have that amount deducted from its 25-year total Needs. A municipality with a negative unencumbered construction fund balance as of December 31st of the current year shall have that amount added to its 25 year total Needs.

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

Excess Unencumbered Construction Fund Balance Adjustment – Oct. 2002, Jan. 2010

That 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 first year 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 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 shall start over with one. This adjustment will be in addition to the unencumbered construction fund balance adjustment and takes effect for the 2004 apportionment.

Low Balance Incentive – Oct. 2003

That the amount of the Excess Unencumbered Construction Fund Balance Adjustment shall be redistributed 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.

Right of Way - Oct. 1965 (Revised June 1986, 2000)

That Right of Way Needs shall be included in the Total Needs based on the unit price per acre until such time that the right of way is acquired and the actual cost established. At that time a Construction Needs adjustment shall be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15-year period. Only right of way acquisition costs that are eligible for State-Aid reimbursement shall be included in the right-of-way Construction Needs adjustment. This Directive to exclude all Federal or State grants. The State Aid Engineer shall compile right-of-way projects that are funded with State Aid funds.

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 State Aid Engineer.

'After the Fact' Non Existing Bridge Adjustment-Revised October 1997

That the Construction Needs for all 'non existing' bridges and grade separations be removed from the Needs Study until such time that a construction project is awarded. 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 period of 15 years. The total cost shall include project development and construction engineering costs based upon the current Project Development percentage used in the Needs Study.

Excess Maintenance Account – June 2006

That 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 shall 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

That retaining wall Needs shall 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 shall be made by annually adding the local cost (which is the total cost less county or trunk highway participation) for a 15 year period. 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 shall begin effective for all projects awarded after January 1, 2006.

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

That any trunk highway turnback which reverts directly to the municipality and becomes part of the State Aid Street system shall 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, of the municipality imposed by the turnback shall be computed on the basis of the current year's apportionment data and shall be accomplished in the following manner.

That the initial turnback adjustment when for less than 12 full months shall 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.

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

That Trunk Highway Turnback adjustments shall terminate at the end of the calendar year during which a construction contract has been awarded that fulfills the Municipal Turnback Account Payment provisions; and the Resurfacing Needs for the awarded project shall be included in the Needs Study for the next apportionment.

TRAFFIC - June 1971

Traffic Limitation on Non-Existing Streets - Oct. 1965

That non-existing street shall not have their Needs computed on a traffic count of more than 4,999 vehicles per day unless justified to the satisfaction of the Commissioner.

That for the 1965 and all future Municipal State Aid Street Needs Studies, the Needs Study procedure shall utilize traffic data developed according to the Traffic Estimating section of the State Aid Manual (section 700). This manual shall be prepared and kept current under the direction of the Screening Board regarding methods of counting traffic and computing average daily traffic. The manner and scope of reporting is detailed in the above mentioned manual.

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

That future traffic data for State Aid Needs Studies 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.

2011 Item by Item Tabulation of Needs

