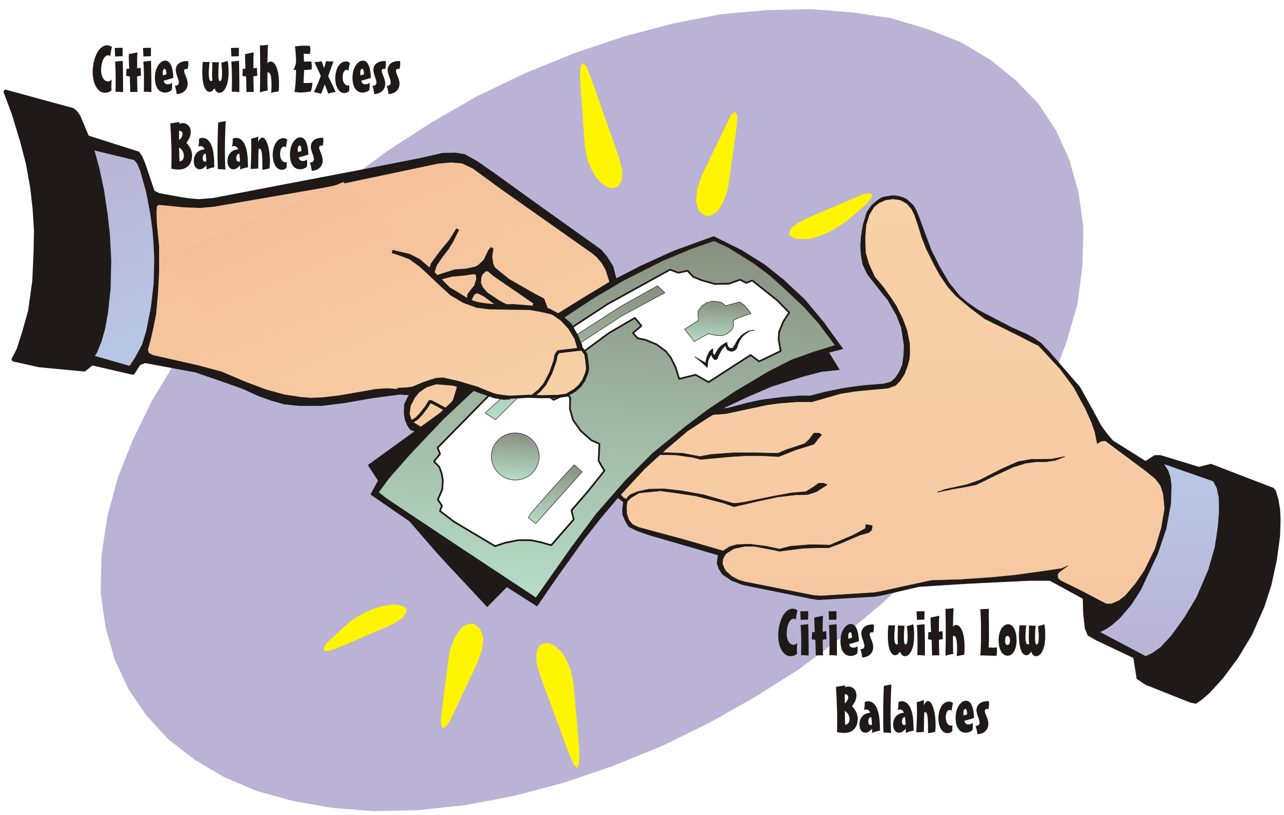
2003
MUNICIPAL STATE AID STREET
NEEDS REPORT



October, 2003

Minnesota Department of Transportation

MEMO
State Aid for Local Transportation
Mail Stop 500, 4th Floor
395 John Ireland Boulevard
St. Paul, MN 55155-1899

Office Tel.: 651 296-3011
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September 19, 2003

To: **Municipal Engineers**

From: **R. Marshall Johnston**
Manager, MSAS Needs Unit

Marshall Johnston

Subject: **2003 Municipal State Aid Needs Report**

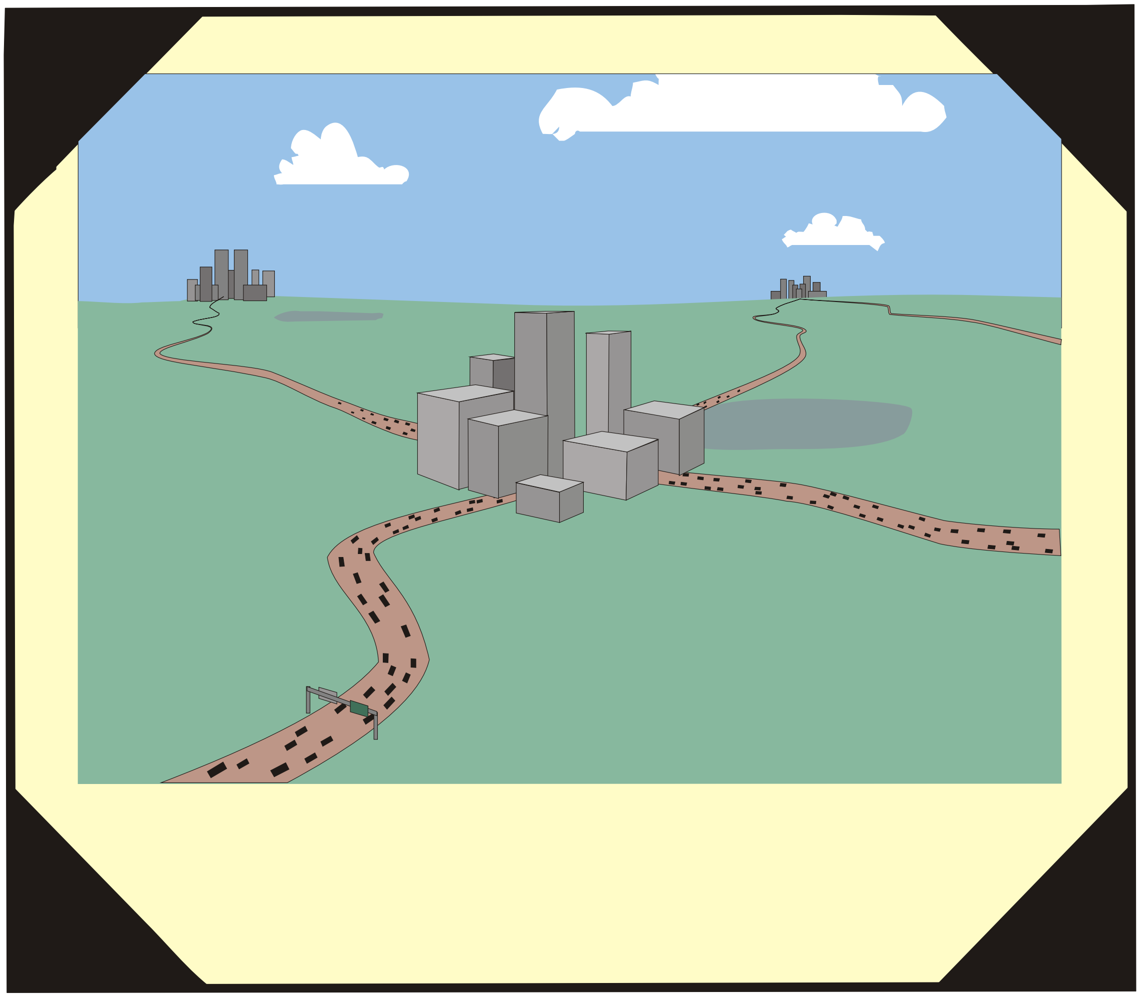
Enclosed is a copy of the '2003 Municipal State Aid Needs Report' which will be reviewed by the Municipal Screening Board on October 21st and 22nd to make a final determination of the annual money needs.

The Municipal State Aid Needs Unit in conjunction with the Office of Finance has compiled this report. If you have any questions or suggestions concerning this book, contact me at (651) 296-6677.

This report is distributed to all Municipal Engineers, and when the municipality engages a consulting engineer, a copy is also sent to the municipal clerk.

This report is also available for either printing or viewing on the State Aid web site. Go to www.dot.state.mn.us/stateaid/ and follow the links to the report.

Introduction letter.doc



If you have a scenic picture or photo, new or historical that represents your city, that could be used for a future book cover, please send it to:

Mark Channer
MSAS Needs Unit
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St. Paul, MN 55155
Phone: (651) 282-2657
Fax: (651) 282-2727
Mark.Channer@ dot.state.mn.us

We would appreciate your ideas!

Thank you to those that have already contributed!

PREFACE

The "2003 Municipal State Aid 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 2003, to the quantities in the appropriate design group.

The estimated Population data is combined with the Commissioner's final construction (money) needs and the result will be used to determine the 2004 allocation which will be reported in the "2004 Municipal State Aid Apportionment Data" to be published in January 2004.

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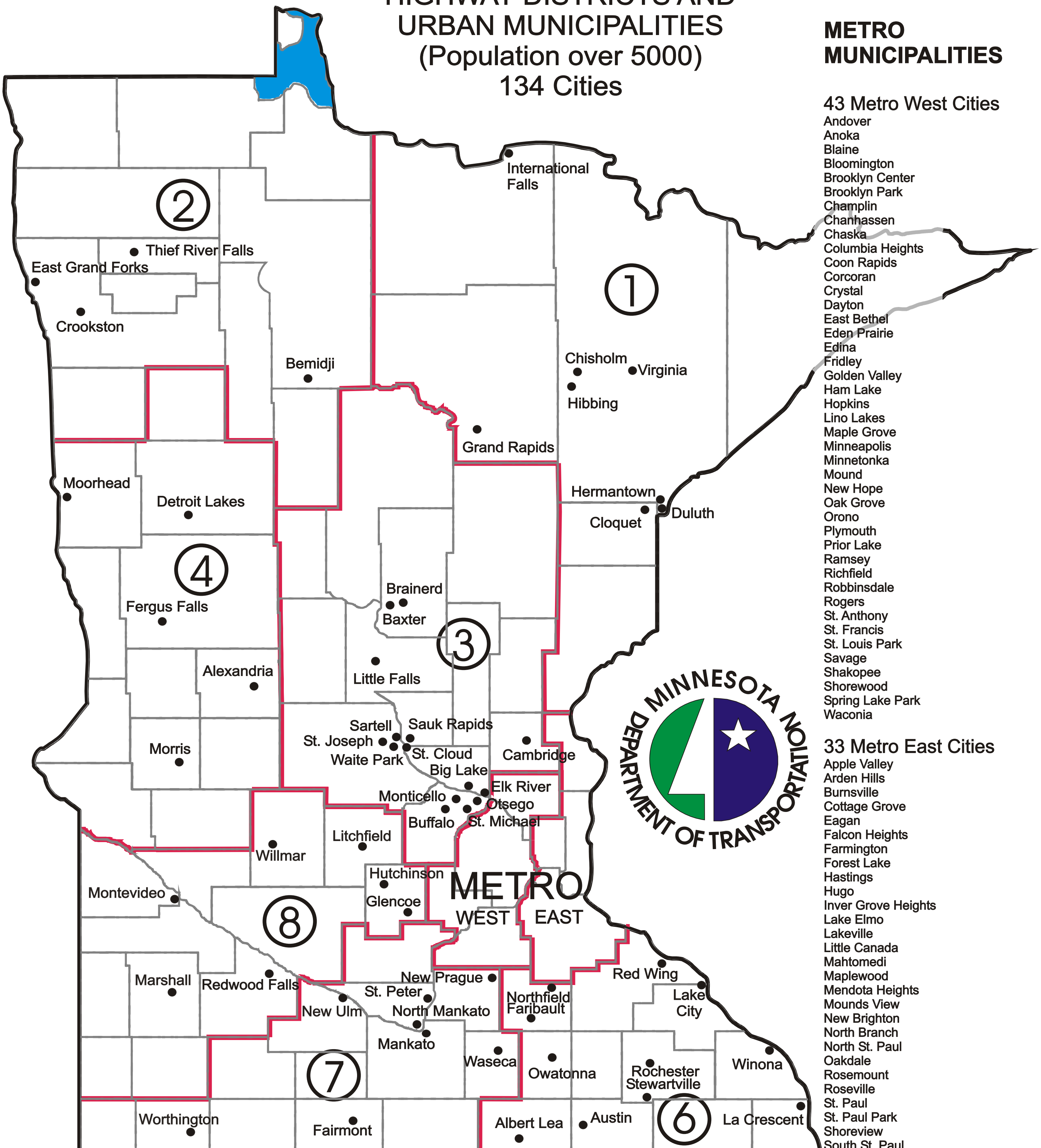
STATE OF MINNESOTA

HIGHWAY DISTRICTS AND URBAN MUNICIPALITIES (Population over 5000) 134 Cities



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METRO MUNICIPALITIES

43 Metro West Cities

Andover
Anoka
Blaine
Bloomington
Brooklyn Center
Brooklyn Park
Champlin
Chanhassen
Chaska
Columbia Heights
Coon Rapids
Corcoran
Crystal
Dayton
East Bethel
Eden Prairie
Edina
Fridley
Golden Valley
Ham Lake
Hopkins
Lino Lakes
Maple Grove
Minneapolis
Minnetonka
Mound
New Hope
Oak Grove
Orono
Plymouth
Prior Lake
Ramsey
Richfield
Robbinsdale
Rogers
St. Anthony
St. Francis
St. Louis Park
Savage
Shakopee
Shorewood
Spring Lake Park
Waconia

33 Metro East Cities

Apple Valley
Arden Hills
Burnsville
Cottage Grove
Eagan
Falcon Heights
Farmington
Forest Lake
Hastings
Hugo
Inver Grove Heights
Lake Elmo
Lakeville
Little Canada
Mahtomedi
Maplewood
Mendota Heights
Mounds View
New Brighton
North Branch
North St. Paul
Oakdale
Rosemount
Roseville
St. Paul
St. Paul Park
Shoreview
South St. Paul
Stillwater
Vadnais Heights
West St. Paul
White Bear Lake
Woodbury

OCTOBER, 2003

2003 MUNICIPAL SCREENING BOARD

screening board stuff\Screening Board June 2003.xls 16-Sep-03

OFFICERS

Chair	Lee Gustafson	Minnetonka	(952) 939-8200
Vice Chair	Mike Metso	Duluth	(218) 723-3278
Secretary	Maria Hagen	St. Louis Park	(952) 924-2687

MEMBERS

District	Served	Representative		
1	2	John Suihkonen	Hibbing	(218) 262-3486
2	1	Dave Kildahl	Crookston, T R Falls	(218) 281-6522
3	1	Bret Weiss	Monticello	(763) 541-4800
4	3	Dan Edwards	Fergus Falls	(218) 739-2251
Metro-West	3	Shelly Pederson	Bloomington	(952) 948-3866
6	3	Tim Murray	Faribault	(507) 334-2222
7	2	Tim Loose	St. Peter	(507) 625-4171
8	1	Dave Berryman	Montevideo	(320) 269-7695
Metro-East	2	Chuck Ahl	Maplewood	(651) 770-4552
(Three Cities		Mike Metso	Duluth	(218) 723-3278
of the		Paul Ogren	Minneapolis	(612) 673-2456
First Class)		Paul Kurtz	Saint Paul	(651) 266-6203

ALTERNATES

District			
1	Tom Pagel	Grand Rapids	(218) 326-7625
2	Brian Freeburg	Bemidji	(218) 759-3576
3	Terry Maurer	Elk River	(651) 644-4389
4	Jeff Kuhn	Morris	(320) 762-8149
Metro-West	Craig Gray	Anoka	(763) 576-2781
6	Randy Peterson	Northfield	(507) 645-8832
7	Fred Salisbury	Waseca	(507) 835-9700
8	Glen Olson	Marshall	(507) 537-6774
Metro-East	Deb Bloom	Roseville	(651) 490-2200

16-Sep-03

2003 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
Tim Schoonhoven, Chair Alexandria (320) 762-8149 Expires in 2003	Ken Ashfeld, Chair Maple Grove (612) 494-6000 Expires in 2003
Steve Koehler New Ulm (507) 359-8245 Expires in 2004	David Jessup Woodbury (651) 714-3593 Expires in 2004
Melvin Odens Willmar (320) 235-4202 Expires in 2005	Tom Drake Red Wing (651) 385-3623 Expires in 2005

miscellaneous/subcommittees 2003.xls

MUNICIPAL SCREENING BOARD REPRESENTATIVES

DISTRICTS

YEAR	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	METRO WEST	DISTRICT 6	DISTRICT 7	DISTRICT 8	METRO EAST
1978	PFUTZENREUTER Virginia	WIDSETH	KRIHA	RONNING Fergus Falls	BUTCHER Maple Grove	ANDERSON	PUTNAM New Ulm	ADEN	HONCHELL Roseville
1979	PFUTZENREUTER	VENCEL Bemidji	ENGSTRON Little Falls	RONNING	BUTCHER	ANDERSON	PUTNAM	CARLSON	HONCHELL
1980	MADSEN	VENCEL	ENGSTRON	REIMER	BUTCHER	LEUTH Owatonna	PUTNAM	CARLSON	SIMON S. St. Paul
1981	PFUTZENREUTER	WIDSETH	ENGSTRON	REIMER	ASMUS	LEUTH	ORTLOFF Waseca	CARLSON	KLEINSCHMIDT Inver Gr. Hgts.
1982	PFUTZENREUTER Virginia	FREEBERG Bemidji	DOLENTZ St. Cloud	BAKKEN Detroit Lakes	ASMUS	LEUTH	ORTLOFF	ADEN	KLEINSCHMIDT
1983	PRUSAK Cloquet	FREEBERG	DOLENTZ	BAKKEN	ASMUS	PLUMB Rochester	ORTLOFF	ADEN	KLEINSCHMIDT
1984	PRUSAK	FREEBERG	DOLENTZ	BAKKEN	RUDRUD Bloomington	PLUMB	MENK	ADEN	GATLIN White Bear Lk.
1985	PRUSAK	SANDERS	SCHWENINGER Brainerd	BAKKEN	RUDRUD	PLUMB	MENK	RODEBERG Montevideo	GATLIN
1986	BUSBY Hibbing	SANDERS	SCHWENINGER	EDWARDS Fergus Falls	RUDRUD	MURPHY Austin	MENK	RODEBERG	GATLIN
1987	BUSBY	SANDERS	SCHWENINGER	EDWARDS	OTTENSMANN Coon Rapids	MURPHY	HAFFIELD Worthington	RODEBERG	SIGGERUD Burnsville
1988	BUSBY	WALKER Th River Falls	MAURER Elk River	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 Richfield	DRAKE	MCCLURG New Ulm	BETTENDORF	HAIDER Maplewood
1991	PRUSAK Cloquet	KILDAHL Crookston	WILLIAMSON Sauk Rapids	MOEN	EASTLING	DRAKE	MCCLURG	SWANSON Willmar	HAIDER
1992	PRUSAK	KILDAHL	WILLIAMSON	REIMER Moorhead	EASTLING	PUTNAM Owatonna	MCCLURG	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	VICTOR Marshall	BACHMEIER
1995	HALTER Grand Rapids	SANDERS E. Gr. Forks	KREKLAU	NANSEN Det. Lakes	ANDERSON	MALIN Winona	SAFFERT	RODEBERG Hutchinson	BACHMEIER
1996	HALTER	SANDERS	KREKLAU	NANSEN	BITTLE Champlin	MALIN	READ Fairmont	RODEBERG	JESSUP Woodbury
1997	HALTER	KILDAHL Crookston	WOTZKA Sartell,Waite Park	NANSEN	BITTLE	MALIN	READ	SARFF Litchfield	JESSUP
1998	SALO Hermantown	KILDAHL	WOTZKA	SCHOONHOVEN Alexandria	BITTLE	OLSON Albert Lea	READ	SARFF	JESSUP
1999	SALO	KILDAHL	WOTZKA	SCHOONHOVEN	GUSTAFSON Minnetonka	OLSON	KOEHLER New Ulm	SARFF	BURCH White Bear Lake
2000	SALO	METSO Bemidji	KOSHAK Otsego	SCHOONHOVEN	GUSTAFSON	OLSON	KOEHLER	ODENS Willmar	BURCH
2001	SALO Hermantown	SANDERS E. Gr. Forks	KOSHAK Otsego	EDWARDS Fergus Falls	PEDERSON Bloomington	MURRAY Faribault	KOEHLER New Ulm	ODENS Willmar	BURCH
2002	SUIHKONEN Hibbing	SANDERS	WEISS Monticello	EDWARDS	PEDERSON	MURRAY	LOOSE St. Peter	ODENS	AHL Maplewood
2003	SUIHKONEN Hibbing	KILDAHL Crookston	WEISS Monticello	EDWARDS	PEDERSON	MURRAY	LOOSE St. Peter	BERRYMAN Montevideo	AHL Maplewood

MUNICIPAL SCREENING BOARD REPRESENTATIVES

CITIES OF THE FIRST CLASS AND OFFICERS

YEAR	MPLS	ST. PAUL	DULUTH	CHAIR	VICE CHAIR	SECRETARY
1978	SMITH	WHEELER	DAVIDSON	ASMUS Minnetonka	THENE Wt. Br. Lk.	PRIEBE Hutchinson
1979	SMITH	WHEELER	DAVIDSON	PRIEBE Hutchinson	ADEN Marshall	BAKER Mankato
1980	SMITH	WHEELER	DAVIDSON	ADEN Marshall	BAKER Mankato	HONCHELL Roseville
1981	SMITH	PETERSON	DAVIDSON	BAKER Mankato	HONCHELL Roseville	SIMON S. St. Paul
1982	HOSHAW	PETERSON	DAVIDSON	HONCHELL Roseville	SIMON S. St. Paul	REIMER Moorhead
1983	HOSHAW	PETERSON	DAVIDSON	SIMON S. St. Paul	REIMER Moorhead	SPURRIER Shakopee
1984	HOSHAW	PETERSON	BERG	REIMER Moorhead	SPURRIER Shakopee	ANDERSON Prior Lake
1985	HOSHAW	PETERSON	CARLSON	SPURRIER Shakopee	ANDERSON Prior Lake	SAFFERT Mankato
1986	HOSHAW	PETERSON	CARLSON	ANDERSON Prior Lake	SAFFERT Mankato	MOORE Plymouth
1987	HOSHAW	KUHFELD	CARLSON	SAFFERT Mankato	MOORE Plymouth	RUDRUD Bloomington
1988	HOSHAW	KUHFELD	CARLSON	MOORE Plymouth	RUDRUD Bloomington	BULLERT Northfield
1989	HOSHAW	KUHFELD	LARSON	RUDRUD Bloomington	BULLERT Northfield	GRUBE St. Louis Park
1990	HOSHAW	KUHFELD	LARSON	BULLERT Northfield	GRUBE St. Louis Park	EDWARDS Fergus Falls
1991	HOSHAW	KUHFELD	LARSON	GRUBE St. Louis Park	EDWARDS Fergus Falls	GRAY Eden Prairie
1992	HOSHAW	KUHFELD	LARSON	EDWARDS Fergus Falls	GRAY Eden Prairie	LARSON Duluth
1993	SPURRIER	KUHFELD	LARSON	GRAY Eden Prairie	LARSON Duluth	SONNENBERG Minnetonka
1994	KANNANKUTTY	KUHFELD	LARSON	LARSON Duluth	SONNENBERG Minnetonka	SWANSON Willmar
1995	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG Minnetonka	SWANSON Willmar	BACHMEIER Oakdale
1996	KANNANKUTTY	ST MARTIN	LARSON	SONNENBERG BACHMEIER	BACHMEIER Oakdale	RODEBERG Hutchinson
1997	KANNANKUTTY	WARN	BEEMAN	BACHMEIER Oakdale	RODEBERG Hutchinson	ASHFELD Maple Grove
1998	KANNANKUTTY	WARN	WINSON	RODEBERG Hutchinson	ASHFELD Maple Grove	HALTER Grand Rapids
1999	KANNANKUTTY	WARN	WINSON	RODEBERG ASHFELD	VACANT	David Jessup Woodbury
2000	KANNANKUTTY SONNENBERG	WARN	BRINK	ASHFELD Maple Grove	JESSUP Woodbury	DRAKE Red Wing
2001	SONNENBERG	WARN	METSO	JESSUP Woodbury	DRAKE Red Wing	GUSTAFSON Minnetonka
2002	SONNENBERG OGREN	WARN KURTZ	METSO	DRAKE Red Wing	GUSTAFSON Minnetonka	METSO Duluth
2003	OGREN	KURTZ	METSO	GUSTAFSON Minnetonka	METSO Duluth	HAGEN St. Louis Park

2003 MUNICIPAL SCREENING BOARD
Spring Meeting Minutes
June 3 & 4, 2003

I. Opening by Municipal Screening Board Chair Lee Gustafson

The 2003 Spring Municipal Screening Board Meeting was called to order at 1:04 p.m. on Tuesday, June 3, 2003.

A. Chair Gustafson introduced:

Himself – Lee Gustafson, Minnetonka - Chair, Municipal Screening Board
Mike Metso, Duluth - Vice Chair, Municipal Screening Board
Julie Skallman, Mn/DOT- Director, State Aid for Local Transportation Group
Marshall Johnston, Mn/DOT- Manager, Municipal State Aid Needs Unit
Ken Ashfeld, Maple Grove - Chair, Unencumbered Construction Funds Subcommittee and Past Chair, Municipal Screening Board
Tim Schoonhoven, Alexandria – Chair, Needs Study Subcommittee
David Jessup, Woodbury - Past Chair, Municipal Screening Board
Tom Drake, Red Wing – Past Chair, Municipal Screening Board
Maria Hagen, St. Louis Park - Secretary, Municipal Screening Board

The Secretary conducted the roll call of members. All were present as follows:

District 1	John Suihkonen	Hibbing
District 2	Dave Kildahl	Crookston, Thief River Falls
District 3	Brett Weiss	Monticello
District 4	Dan Edwards	Fergus Falls
Metro-West (alternate)	Craig Gray	Anoka
District 6	Tim Murray	Faribault
District 7	Tim Loose	St. Peter
District 8	Dave Berryman	Montevideo
Metro-East	Chuck Ahl	Maplewood
Duluth	Mike Metso	
Minneapolis	Paul Ogren	
Saint Paul	Paul Kurtz	

The Chair recognized the following Screening Board Alternates:

District 1	Tom Pagel	Grand Rapids
District 4	Jeff Kuhn	Morris

B. The Chair recognized the following Department of Transportation personnel:

Rick Kjonaas	Assistant State Aid Engineer
Mark Gieseke	Program Delivery Engineer
Diane Gould	Manager, County State Aid Needs
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 Assistant State Aid Engineer
Tom Behm	District 8 State Aid Engineer
Bob Brown	Metro State Aid Engineer
Julee Puffer	MSAS Needs Unit
Dan Erickson	Metro State Aid Division

B. The Chair also recognized the following others in attendance:

Jim Vanderhoof	Saint Paul
Dave Kreager	Duluth
Heidi Hamilton	Minneapolis
Klara Fabray	Minneapolis
Larry Veek	Minneapolis
Dave Sonnenberg	SEH
Dave Hutton	CEAM Legislative Committee Chair

II. 2002 Municipal Screening Board Data Booklet

The Chair suggested that the entire report be reviewed and discussed Tuesday and any action required be taken on Wednesday morning. This would give all members a chance to informally discuss the various items Tuesday evening. The Chair also noted that the Wednesday morning meeting was scheduled to adjourn by 10:00 A.M. for a joint meeting with the County Engineers Executive Committee. The Chair also announced that the Unencumbered Construction Fund Subcommittee will meet prior to the Fall Screening Board Meeting. Gustafson requested that members get comments to Johnston or Ashfeld prior to that meeting.

A. The Fall 2003 Screening Board Minutes were presented for approval (Pages 8-19). Motion by Kildahl, seconded by Weiss to approve minutes as presented. Motion carried without opposition.

Johnston began his review of the 2003 Municipal Screening Board Data Booklet by noting that there are currently 131 Municipal State Aid cities. He further noted that the city of Chisholm has a population between 4,900 and 5,000, and is therefore included in the count. The city of St. Joseph has dropped below 4,900 so their allocation was put back into the general fund in January for distribution. The city of Dayton is still disputing their population count, therefore, State Aid monies are still being allocated to them but will not be released until the dispute is settled.

B. 2002 Screening Board and Subcommittee Members (Pages 6-7).

Johnston reviewed the 2003 Screening Board and Subcommittee Members.

C. Minutes and Recommendations of the Needs Study Subcommittee (Pages 20, 26-37 & handout).

Marshall Johnston reviewed the minutes of the NSS, noting the following regarding specific topics and recommendations included in the minutes:

<u>Submittal Dates for Needs Reporting</u> - Johnston distributed a handout on the historical dates used by the MSAS Needs Unit for submittal of Needs Updates (March 30) and Requests for new designations or revocations (March 1). A City Council resolution approving the system revisions must be received by May 1 according to the existing Screening Board resolution. This creates confusion for cities with system revisions.

Johnston read the suggested wording for the recommended Screening Board resolution revision:

That all requests for revisions to the Municipal State Aid System must be received by the District State Aid Engineer by March 1st ***to be included in that year's 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 1st, 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.*** ~~*Any requests for revisions to the Municipal State Aid Systems received by the District State Aid Engineer after March 1st will be included in the following year's Needs Study.*~~

<u>Construction Cost Index - Current Method</u> - Johnston stated that the Cost Index method of setting unit prices is used in the odd years and a Unit Price Study is done in the even years. Using the Composite Cost Index (CCI) calculation with a base year of 1990 (the current method) gives an increase of 124.24%. Typically, this number is used as a guideline for the Needs Study Subcommittee and the Screening Board in setting unit prices for the year. However, this adjustment, when compared historically, is too large of an increase.

<u>Construction Cost Index - Yearly Percent of Increase</u> - Johnston described this as a possible alternative to the current method. Using this calculation method

(Page 33), the Average Annual Percent of increase is 103.89. Needs Item prices, using this percentage increase, are shown in the table on Page 35.

Construction Cost Index - Flat Rate of Increase - Johnston described this as a possible alternative to the current method. Using a flat rate of increase (2%), the Needs Item prices are as shown in the table on Page 36.

Construction Cost Index - Previous Year's Costs - Johnston described this as a possible alternative to the current method. Using the same unit costs from 2002, the Needs Item prices are as shown in the table on Page 37.

Recommendations of the NSS - Johnston stated that the recommendation of the Needs Study Subcommittee is to use the Engineering News Record (ENR) CCI. The CCI for 2002 was 3.22%. The ENR CCI is a recognized method of making price adjustments and is consistent with the past year's percentage adjustments. The Recommended 2003 Unit Prices, using this percentage, are shown in the table on Page 21. Schoonhoven noted that the Subcommittee was looking for something that was simple but not arbitrary. Gustafson commented that there was a very good discussion on this topic at the Metro Pre-screening Board meeting and that several cities are already using this cost index.

Discussion took place regarding whether to use the overall CCI or the one for the Minneapolis area. Veek commented that using Minneapolis' percentage may result in spikes. Ahl questioned whether the ENR CCI is over estimating the increase per year. Drake noted that, historically, the percentages have been greater than 3.2% (see Page 31). Gustafson stated that the motion needs to clarify when the ENR CCI should be used as a basis.

D. Review of Unit Prices and Graphs (Pages 40-51)

Johnston reported that overall the value of needs went down by 14%. This was due to an increase in needs combined with a lower allocation. Needs increased between 2001 and 2002 by $250M.

Johnston reviewed the individual unit cost items and their recommended price for the 2003 Needs Study. The quantities and unit prices used in the graphs this year are based upon the ENR National CCI. 180 on-system projects and 66 off-system projects were let in 2002.

E. Discussion of Unit Price Study recommendations from other sources (Pages 52-63)

Johnston reviewed the memo from the MnDOT Hydraulics Unit regarding construction costs for 2002 storm sewer. This is typically used as a basis for determining the needs. The recommendation from the NSS is $82,700 per mile for adjustments and $257,375 per mile for new segments, based on the MnDOT memo. Dollar amounts for railroad-related items remained the same as in the 2002. A question was raised, based on the previous discussion, as to whether the ENR CCI should also be used for these items. Johnston responded by stating that the information is prepared by Mn/DOT at no "cost" to the cities, and is likely more accurate and representative of the actual costs. Therefore, he would recommend continuing with this method for these items.

The Special Drainage costs for rural segments did not increase significantly. The recommendation from the Needs Study Subcommittee is to keep this price at $37,400 per mile. The Gravel Surface unit price is not a big item for cities since there is only 3-4 miles on the entire State Aid system. The recommendation from the Needs Study Subcommittee is to use the CSAH cost of $5.35 per ton, (pg. 57).

Johnston reviewed bridge costs, noting that costs included MSAS, CSAH and Mn/DOT bridges. He also noted that the MSAS unit price study includes one cost for all bridge lengths, while the CSAH unit price study includes three lengths so that individual costs for each length are available in the unit price study.

III. Other Topics

A General Fund Advances (Pages 66-69)

Johnston reviewed General Fund advances noting that approximately $28M is currently available for advances.

Gustafson stated that discussion had taken place at the Fall 2002 Screening Board meeting regarding advancement of State Aid funds for a federally-funded project. A motion was made at that meeting to allow SALT to advance funds from the general fund account balance for approved federal STIP projects. At the Fall Screening Board meeting there was also action to increase the cap for small cities to $1M and increase the payback period for all cities to 3 years maximum.

Johnston noted that in 1998 some cities were denied advances. Kreager commented that State Aid will work with cities who have $1M+ allotments on the payback period. The goal is to give flexibility to get projects done and for small cities to advance and keep their balances low.

Continued discussion took place regarding positive adjustments. The Unencumbered Construction Fund Subcommittee was directed to come back to the Fall Screening Board with a recommendation.

Kildahl felt that the language in the guidelines should be clarified to state that the advancements for federal projects must also be on a State Aid route. Skallman stated that State Aid does not have the authority to advance funds for off-system projects and that the language should be clarified. Gustafson suggested that this be an agenda item for tomorrow.

B. Relationship of Construction Balance to Allotment (Pages 70-71)

Johnston stated that after a low in 1998, the unencumbered balance is again creeping upwards. Currently, it is just below the construction allotment.

C. Excess Balance Adjustment (Page 72)

Gustafson stated that good discussion had taken place on this topic at the Fall Screening Board. He had clarified for some cities that this was an adjustment to needs not their apportionment. Johnston commented that if this had been in effect last year, an additional $400K would have been spread amongst the cities. Gustafson commented that he received a lengthy e-mail from a City Engineer after last week's Pre-Screening Board meeting regarding this issue. Gustafson directed him to write a letter to the sub-committee expressing his views.

D. Apportionment Rankings (Pages 73-76)

Johnston had no comments on this section.

E. Local Road Research Board Projects (Page 77)

Johnston stated that ½ of 1% is allocated towards the LRRB. Cities are encouraged to submit potential research projects via the website. Website contains a great deal of information including reports that can be downloaded. Metso commented that the last issue of the T^2 newsletter had a good update on the most recent LRRB projects.

F. County Highway Turnback Policy (Pages 78-79)

Gustafson stated that this is a complicated policy. If cities have questions they should contact their DSAE.

G. Status of Municipal Traffic Counting (Pages 80-82)

Johnston stated that this section is for informational purposes. He also commented that this is an important part in determining needs.

H. Current Resolutions of the Municipal Screening Board (Pages 83-92)

Johnston clarified that the research account dollar amount on Page 84 is incorrect. This should read $582,170. Gravel was added to the Unit Price Study and the Excess Unencumbered Construction Fund Balance Adjustment resolution has been added.

IV. Other Topics

A. Widening Needs

Ahl questioned when widening needs or complete storm sewer needs are allowed. He said that different districts seem to be handling this in different ways. D. Erickson stated that the needs should reflect what you want to build. State Aid will look less favorably on needs for widening if its less than 10 years since reconstruction. Although they are open to revise on a case-by-case basis. There is always some discretion involved. Gustafson suggested referring this to the Needs Study Subcommittee to develop guidelines that still allow State Aid some flexibility. Ahl agreed to draft language on this for discussion tomorrow.

B. Turnback Policy Aide

Kildahl questioned whether a graphical aide could be developed to better explain the turnback policy.

V. Upon a request from Chair Gustafson, a motion was made by Ahl and seconded by Murray to adjourn until 9:00 A.M. Wednesday morning when formal action would be taken on the items before the board. The motion carried without opposition.

WEDNESDAY MORNING SESSION:

The Municipal Screening Board reconvened at 9:05 a.m. on June 6, 2002.

Chair Gustafson reminded everyone that a joint meeting with the County Engineers Executive Committee was scheduled for 10:00 a.m. Issues to be discussed would include legislative outcomes and the CEAM Transportation Primer. Chair Gustafson also noted that the CEAM Summer Meeting would be held in St. Cloud on June 19, 2003 in conjunction with the LMC annual meeting.

I. Formal Actions by the 2002 Municipal Screening Board

1. Unit Price Recommendations of the Needs Study Subcommittee

Discussion took place regarding the use of the Minneapolis cost index versus the regional one. Motion by Kildahl / seconded by Ahl to accept the Needs Study Subcommittee's Unit Price recommendations as presented, using a CCI of 3.22%. Motion carried without opposition.

2. Method of Computing Construction Cost Index Prices in the Future

Motion by Ahl / seconded by Weiss to use the Engineering News Record CCI, National Average, for the Needs Unit Price adjustments in odd years. Motion carried without opposition.

3. Submittal Dates

   Motion by Ahl / seconded by Ogren to revise the Screening Board resolution with the proposed wording. Motion carried without opposition.

4. Widening and Storm Sewer Needs Standards

   Ahl distributed a proposed motion related to the discussion on this topic from yesterday.

   Move to refer the following to the Needs Study Subcommittee:
   1) Determine if a standard should be established where widening needs are not allowed on an improved segment for a portion of time after initial construction. ~~*(For example, no widening needs are allowed for Years 0-5, widening needs in years 6-10 with DSAE approval, and, as needed for the segment in years 11-20).*~~
   2) Determine if a standard should be applied uniformly within the districts as to when complete storm sewer needs are allowed ~~*without DSAE approval (For example, 40 years after last graded).*~~

   Gustafson felt that wording should be added to allow more discretion to State Aid. Metso felt that the wording should be left as open as possible to allow the committee to examine options and issues. Weiss suggested removing the language on the examples from the motion. Kildahl questioned whether the DSAEs would like to have a rule or discretion. Drake questioned whether this should be discussed at the next Fall or Spring Screening Board Meeting. Gustafson stated that the Fall meeting is the intent.

   Motion by Ahl / seconded by Kildahl to refer this item to the Needs Study Subcommittee (with the modifications above) and to have them report back at the 2003 Fall Screening Board meeting. Motion carried without opposition.

5. General Fund Advances for Federally Funded Projects

   Gustafson said that a motion is needed to amend the language of the existing resolution. Weiss questioned whether Skallman has checked to see if these funds can be used off-line. Kjonaas reported that Skallman did receive a response from the Attorney General's office. Further discussion took place regarding the benefits of this proposal.

   Motion by Kildahl / seconded by Edwards to revise the MSAS General Fund Advances Guidelines as follows:

   Cities may advance for Federal Projects that are programmed by the ATP in the STIP ***and are eligible for State Aid financing.*** *The City will agree* *to authorize repayments from their state aid account or from local funds under a mutually acceptable repayment schedule should said project fail to receive Federal funds for any reason.*

Motion carried without opposition.

II. Report from CEAM Legislative Committee

Hutton gave a report on the activities and outcomes of the Legislative session.

- The biggest emphasis this year that affected City Engineers was the Transportation Primer prepared by Matt Shands of the Transportation Policy Institute. This report includes seven recommendations related to increased funding of local (non State Aid) streets. Hutton reported that it received a good reception at the Capitol and several presentations were made to the various Transportation-related committees. A bill that provided enabling legislation for cities to implement a Transportation Utility was introduced but eventually pulled due to opposition from trucking organizations and the state Chamber of Commerce. However, the bill is still alive as this was the first year of the biennium. Assistance is needed in the next legislative session for city staff to testify in favor of this bill.
- The Local Road Improvement Program was funded at $20M. This Program will provide loans, not grants, to local agencies for participation in the cost of "local routes of regional significance". Criteria will need to be developed on which type of roads this program will apply.
- MUCA/Gopher State One Call bill. Hutton stated that there are positive and negative aspects of this bill, primarily, the requirement that local agencies locate service lines. APWA & AWWA fought this legislation. CEAM had no response. The bill was not passed, but there is a committee which will be working on it in the Summer and Fall.
- Load Restrictions. A bill was passed that exempts recycling vehicles, similar to garbage trucks, from weight restrictions.
- Reverse auction for bidding. This would allow Mn/DOT to put out a bid and let contractors/consultants bid down on the price until a closing time.

Further discussion took place regarding the transportation utility. Ahl questioned Mn/DOT's and counties' reaction to the bill. Hutton responded that more education needs to be done. A provision was added to the bill that would exempt public property from being included in the Utility. Gustafson stated that the CEAM Executive Board met with Mn/DOT leaders last week and explained the transportation utility concept in more detail and answered a lot of questions for them. Counties are also able to use this legislation, however, it will likely be easier for cities to implement as they have a billing method (monthly/quarterly utility bill) already established.

Ashfeld suggested using the DSAEs to help educate various groups within MnDOT. Gustafson suggested that a 1-2 page educational piece be developed so that anyone can clearly understand the elements of the bill and its effects.

III. Recognition of Dave Kreager, city of Duluth

Metso described the 30-year career of Kreager and his assistance & guidance on local and State Aid issues. Leu performed an original song in honor of Kreager entitled, "Not Too Eager, Dave Kreager". Motion by Metso / seconded by Ahl to recognize Kreager for his dedicated service and contributions to the transportation system. Motion carried unanimously.

IV. Comments by Julie Skallman and/or State Aid staff

State Aid had nothing to report.

V. The Chair thanked Schoonhoven, Chair of the Needs Study Subcommittee, and Ken Ashfeld, Chair of the Unencumbered Construction Fund Subcommittee.

VI. The Chair thanked the past Chairs for their time and appearance at the meeting – Ken Ashfeld, David Jessup, and Tom Drake.

The Chair also recognized and thanked Ed Warn for his service to the Municipal Screening Board.

VII. Johnston noted that the Fall Screening Board meeting would be held on October 21^{st} & 22^{nd} at Ruttger's Bay Lake Lodge near Brainerd.

VIII. Motion by Chuck Ahl, seconded by Edwards to adjourn. Motion carried without opposition.

Respectfully submitted,

Maria A. Hagen

Maria A. Hagen, P.E.
MSA Screening Board Secretary
City Engineer - St. Louis Park

MINUTES

Unencumbered Construction Fund (UCF) Sub-Committee Meeting
August 21, 2003
Rm 521, MnDOT Transportation Building

Members Present: Chair Ken Ashfeld - Maple Grove; David Jessup - Woodbury; Tom Drake, Secretary - Red Wing

State Aid Staff: Julie Skallman, State Aid Engineer; Rick Kjonaas, Asst. State Aid Engineer; Marshall Johnston, Manager, MSAS Needs Unit, Mark Channer, Asst. Manager MSAS Needs Unit.

Charge:

The Unencumbered Construction Funds Sub-Committee was directed by the MSAS Screening Board to review possible incentive options and projections relative to the future unencumbered construction fund balance adjustments and incentives, allotment distributions and other related concerns, and report back to the Screening Board on appropriate needs adjustments. These adjustments could include incentives for zero balance, low balance and/or advancing funds.

Discussion:

Marshall Johnston distributed four sets of spreadsheets:

The first set was on pink colored paper and showed Excess Balance Adjustment for 2004 based on a cut-off date of August 11, 2003. Based on the August 11th date rather than the December 31 year-end date, the needs adjustment would have been $32,779,148. This is a new adjustment, going into effect in the January 2004 allocation and will be based on the 2003 year end construction fund balances.

The next three sets showed the impact of positive adjustments based on different assumptions.

The first was on green colored paper and showed the impact of a positive adjustment for advance funding projects. These sheets were based on the advance amount to be repaid in 2003. After considerable discussion, Mr. Jessup moved, seconded by Mr. Ashfeld that the Sub-Committee recommend a positive needs adjustment based on the actual negative balance in each individual Cities account on December 31 of the previous year. **Motion Passed.**

Supporting arguments for this adjustment included:

1. Relatively simple to administer.

2. Positive balances are already subtracted from the needs, why not negative balances.
3. Positive needs adjustments are made for outstanding MSAS Bonds and this would treat the advances equally to the said bonds.
4. The reduction in a City's Needs by advancing construction with an advance for an On System Construction project would be offset by receiving this positive incentive. Consequently, no need gain or lost should occur in total adjusted construction needs and no net change in apportionment. Exceptions would be off-system expenditures and overlays.
5. It was estimated that the impact for 2002 would have been approximately $13 million resulting in an average incentive of $10,000 in actual allocation per city as 24 Cities had a negative balances.

The second set of spreadsheets, was on yellow paper and showed the impact for a positive adjustment for a Zero Fund Balance or less. In this example, 35 cities had a positive adjustment. Total Adjustment to the Construction Needs came to $34,851,435 and was based on 1/25 of each Cities Construction Needs Total.

The third set of spreadsheets, was on blue paper and showed the impact of a sliding incentive for cites with low balances less than one times their construction allocation. Based on this analysis, 58 cities would receive a positive adjustment. The net result was a $50.6 million increase in construction needs. The sliding scale went from zero to 400 % based on being equal or 300% less than the construction allocation. This factor was then applied to each cities construction allocation.

Concerns that were expressed included:

1. The system was very complicated.
2. The net result was that 14 of the 58 Cities actually had less allocation because of the formula.
3. The use of construction needs as a base for the incentive would have a negative impact on those advancing funds to construct projects that reduced their construction needs.

After considerable discussion, it was moved by Mr. Jessup, Seconded by Mr. Ashfeld to reallocate the adjustment to the construction needs removed from those cities that received an excess balance adjustment to those that had a balance less than one times their annual construction allocation. This redistribution would be based on their prorated share of the previous years total construction needs distribution. **Motion Passed.**

Being no other business, the Chair Adjourned the Meeting.

Respectfully Submitted: Tom Drake Date: 8/22/03

Tom Drake, Secretary UCFS

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT
EXAMPLE

Based upon the recommendation of the Unencumbered Construction Funds Subcommittee
Cities with a General Fund advance will receive an adjustment based on their actual balance

N:\MSAS\EXCEL\2003\OCTOBER 2003 BOOK\SEPT BALANCE ADJUST 2003 EXAMPLE.XLS September 23, 2003

Municipalities	Unencumbered Balance Available 12-31-2002	Unencumbered Balance Available 08-31-2003	Difference Between 08-21-03 and 12-31-2003	Percentage of Total Amount in 8-31-03 Account	Ratio bet Balance & City's 2003 Construction Allotment
Albert Lea	$971,817	**$1,377,495**	$405,678	1.5190	2.9190
Alexandria	0	**38,479**	38,479	0.0424	0.1376
Andover	680,624	**1,342,531**	661,907	1.4804	2.0079
Anoka	516,258	**343,576**	(172,682)	0.3789	0.8948
Apple Valley	1,086,934	**1,748,390**	661,456	1.9280	1.3407
Arden Hills	805,510	**995,373**	189,863	1.0976	5.2426
Austin	961,496	**867,071**	(94,425)	0.9561	0.9865
Baxter	543,071	**307,253**	(235,818)	0.3388	1.3220
Bemidji	0	**(75,964)**	(75,964)	(0.0838)	-0.2477
Big Lake	264,349	**0**	(264,349)	0.0000	0.0000
Blaine	0	**0**	0	0.0000	0.0000
Bloomington	4,553,578	**2,062,365**	(2,491,213)	2.2742	0.9965
Brainerd	1,614,378	**1,901,302**	286,924	2.0966	5.4818
Brooklyn Center	97,640	**474,953**	377,313	0.5237	0.6356
Brooklyn Park	0	**(1,262,704)**	(1,262,704)	(1.3924)	-0.9994
Buffalo	608,573	**566,168**	(42,405)	0.6243	1.7011
Burnsville	0	**322,093**	322,093	0.3552	0.2503
Cambridge	64,004	**55,608**	(8,396)	0.0613	0.2929
Champlin	1,611,170	**1,991,112**	379,942	2.1956	5.2406
Chanhassen	2,033,691	**2,591,264**	557,573	2.8574	4.6474
Chaska	410,614	**799,046**	388,432	0.8811	2.0571
Chisholm	450,526	**595,607**	145,081	0.6568	3.9386
Cloquet	631,800	**785,498**	153,698	0.8662	2.4320
Columbia Heights	0	**(61,662)**	(61,662)	(0.0680)	-0.1712
Coon Rapids	0	**(431,228)**	(431,228)	(0.4755)	-0.2710
Corcoran	75,169	**226,015**	150,846	0.2492	1.4983
Cottage Grove	2,016,055	**1,914,362**	(101,693)	2.1110	1.9694
Crookston	1,082,462	**1,275,858**	193,396	1.4069	3.1085
Crystal	763,688	**723,876**	(39,812)	0.7982	1.6359
Dayton	81,238	**430,877**	0	0.4751	2.7293
Detroit Lakes	643,873	**905,008**	261,135	0.9980	3.4657
Duluth	552,411.00	**1,787,338.00**	1,234,927.00	1.9709	0.7108
Eagan	0	**0**	0	0.0000	0.0000
East Bethel	1,183,148	**133,309**	(1,049,839)	0.1470	0.4087
East Grand Forks	125,815	**366,563**	240,748	0.4042	1.3513
Eden Prairie	2,929,610	**4,394,717**	1,465,107	4.8461	2.8068
Edina	3,586,041	**1,346,008**	(2,240,033)	1.4843	1.3132
Elk River	751,708	**(99,404)**	(851,112)	(0.1096)	-0.1437
Fairmont	149,443	**0**	(149,443)	0.0000	0.0000
Falcon Heights	176,208	**198,137**	21,929	0.2185	2.4782
Faribault	46,594	**330,544**	283,950	0.3645	0.5230
Farmington	477,095	**839,996**	362,901	0.9263	2.1506

Municipalities	**Unencumbered Balance Available 12-31-2002**	**Unencumbered Balance Available 08-31-2003**	**Difference Between 08-21-03 and 12-31-2003**	**Percentage of Total Amount in 8-31-03 Account**	**Ratio bet Balance & City's 2003 Construction Allotment**
Fergus Falls	$964,541	**$811,554**	($152,987)	0.8949	1.8356
Forest Lake	0	**70,237**	70,237	0.0775	0.1507
Fridley	882,618	**269,080**	(613,538)	0.2967	0.5654
Glencoe	116,297	**268,273**	151,976	0.2958	1.7652
Golden Valley	248,651	**666,268**	417,617	0.7347	1.2274
Grand Rapids	488,327	**(25,320)**	(513,647)	(0.0279)	-0.0982
Ham Lake	440,168	**798,949**	358,781	0.8810	1.4096
Hastings	0	**(274,101)**	(274,101)	(0.3023)	-0.7780
Hermantown	554,377	**848,633**	294,256	0.9358	2.8840
Hibbing	0	**(286,277)**	(286,277)	(0.3157)	-0.3962
Hopkins	415,514	**0**	(415,514)	0.0000	0.0000
Hugo	324,901	**561,539**	236,638	0.6192	2.3730
Hutchinson	491,303	**983,784**	492,481	1.0848	1.9826
International Falls	0	**185,795**	185,795	0.2049	0.7985
Inver Grove Heights	752,714	**1,433,918**	681,204	1.5812	2.1050
La Crescent	0	**188,421**	188,421	0.2078	0.0000
Lake City	140,929	**276,292**	135,363	0.3047	2.0411
Lake Elmo	0	**193,316**	193,316	0.2132	1.0000
Lakeville	0	**(1,446,110)**	(1,446,110)	(1.5946)	-1.0000
Lino Lakes	2,009,541	**958,854**	(1,050,687)	1.0573	2.0740
Litchfield	714,249	**881,258**	167,009	0.9718	5.2767
Little Canada	569,390	**785,619**	216,229	0.8663	2.7578
Little Falls	1,156,609	**775,873**	(380,736)	0.8556	1.9269
Mahtomedi	0	**172,474**	172,474	0.1902	0.7838
Mankato	0	**0**	0	0.0000	0.0000
Maple Grove	0	**(877,724)**	(877,724)	(0.9679)	-0.5956
Maplewood	0	**34,978**	34,978	0.0386	0.0402
Marshall	1,158,380	**1,625,977**	467,597	1.7930	3.4773
Mendota Heights	796,718	**430,258**	(366,460)	0.4745	1.7052
Minneapolis	9,559,966	**11,373,124**	1,813,158	12.5413	1.5205
Minnetonka	0	**754,896**	754,896	0.8324	0.4744
Montevideo	210,730	**383,621**	172,891	0.4230	2.2189
Monticello	689,108	**892,120**	203,012	0.9838	4.3944
Moorhead	2,543,543	**1,989,927**	(553,616)	2.1943	2.3448
Morris	0	**(401,133)**	(401,133)	(0.4423)	-3.0000
Mound	924,892	**1,175,350**	250,458	1.2961	4.6928
Mounds View	29,513	**260,587**	231,074	0.2874	0.8898
New Brighton	0	**(131,136)**	(131,136)	(0.1446)	-0.3132
New Hope	0	**474,963**	474,963	0.5237	1.0000
New Prague	0	**0**	0	0.0000	0.0000
New Ulm	1,086,778	**1,612,477**	525,699	1.7781	3.0673
North Branch	482,952	**40,000**	(442,952)	0.0441	0.1339
North Mankato	178,048	**114,399**	(63,649)	0.1261	0.3369
North St. Paul	361,058	**598,115**	237,057	0.6596	2.3136
Northfield	165,987	**532,690**	366,703	0.5874	1.4526
Oak Grove	0	**238,089**	238,089	0.2625	1.0000
Oakdale	0	**(912,364)**	(912,364)	(1.0061)	-1.8989
Orono	703,201	**988,883**	285,682	1.0905	3.4615
Otsego	444,273	**696,020**	251,747	0.7675	2.7648

Municipalities	Unencumbered Balance Available 12-31-2002	Unencumbered Balance Available 08-31-2003	Difference Between 08-21-03 and 12-31-2003	Percentage of Total Amount in 8-31-03 Account	Ratio bet Balance & City's 2003 Construction Allotment
Owatonna	$0	**$0**	$0	0.0000	0.0000
Plymouth	1,785,861	**394,013**	(1,391,848)	0.4345	0.2586
Prior Lake	1,636,306	**2,009,414**	373,108	2.2158	5.3856
Ramsey	1,396,641	**1,957,091**	560,450	2.1581	3.4920
Red Wing	0	**(273,902)**	(273,902)	(0.3020)	-0.5987
Redwood Falls	292,509	**55,195**	(237,314)	0.0609	0.3178
Richfield	825,163	**223,163**	(602,000)	0.2461	0.2746
Robbinsdale	1,179,332	**1,502,146**	322,814	1.6564	4.5203
Rochester	758,757	**2,728,581**	1,969,824	3.0088	1.1672
Rogers	0	**0**	0	0.0000	0.0000
Rosemount	974,570	**1,435,787**	461,217	1.5833	2.6529
Roseville	0	**773,370**	773,370	0.8528	1.0644
St. Anthony	0	**(152,954)**	(152,954)	(0.1687)	-0.8298
St. Cloud	766,568	**664,487**	(102,081)	0.7327	0.4539
St. Francis	0	**195,790**	195,790	0.2159	0.0000
St. Joseph	140,781	**0**	(140,781)	0.0000	0.0000
St. Louis Park	80,062	**576,068**	496,006	0.6352	0.6764
St. Michael	108,401	**413,232**	304,831	0.4557	1.3556
St. Paul	0	**489,148**	489,148	0.5394	0.0817
St. Paul Park	878,713	**1,012,849**	134,136	1.1169	7.5509
St. Peter	714,164	**851,067**	136,903	0.9385	2.1681
Sartell	0	**(209,972)**	(209,972)	(0.2315)	-0.6724
Sauk Rapids	920,878	**1,227,471**	306,593	1.3536	4.0036
Savage	782,463	**1,259,308**	476,845	1.3887	2.1643
Shakopee	0	**0**	0	0.0000	0.0000
Shoreview	3,849	**(750,000)**	(753,849)	(0.8270)	-1.3061
Shorewood	1,926,362	**2,108,188**	181,826	2.3247	11.5945
South St. Paul	330,629	**732,313**	401,684	0.8075	1.7036
Spring Lake Park	155,897	**279,786**	123,889	0.3085	2.2584
Stewartville	19,544	**149,034**	129,490	0.1643	1.1509
Stillwater	939,108	**926,057**	(13,051)	1.0212	2.7594
Thief River Falls	0	**91,476**	91,476	0.1009	0.2443
Vadnais Heights	0	**55,353**	55,353	0.0610	0.2260
Virginia	700,553	**831,832**	131,279	0.9173	2.7046
Waconia	538,499	**432,603**	(105,896)	0.4770	2.3095
Waite Park	314,525	**(116,351)**	(430,876)	(0.1283)	-0.6516
Waseca	341,228	**523,229**	182,001	0.5770	2.5376
West St. Paul	798,010	**710,161**	(87,849)	0.7831	1.9749
White Bear Lake	0	**165,094**	165,094	0.1821	0.3326
Willmar	1,875,346	**2,319,189**	443,843	2.5574	4.8509
Winona	1,363,197	**1,508,844**	145,647	1.6638	2.6136
Woodbury	0	**(1,235,612)**	(1,235,612)	(1.3625)	-1.0034
Worthington	1,294,136	**1,723,405**	429,269	1.9004	4.7054
TOTAL	**$85,993,919**	**$90,685,229**	**$4,341,671**	100.0000	1.0929

EXCESS BALANCE ADJUSTMENT
AND
LOW BALANCE INCENTIVE

EXAMPLE OF UCFS RECOMMENDATION
LOW BALANCE INCENTIVE

for cities with a balance of less than 1X their Construction allotment in their account

balances as of 8/31/03

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Municipality	Ratio between 8/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
Albert Lea					
Alexandria	**0.138**	$11,898,679	0.0079		**$205,532**
Andover					
Anoka	**0.895**	11,241,361	0.0075		**194,178**
Apple Valley					
Arden Hills	5.243			No adjustment	
Austin	**0.987**	31,235,730	0.0207		**539,552**
Baxter					
Bemidji	**(0.248)**	9,819,401	0.0065		**169,616**
Big Lake	**0.000**	5,426,049	0.0036		**93,727**
Blaine	**0.000**	25,235,879	0.0167		**435,913**
Bloomington	**0.996**	84,151,961	0.0558		**1,453,603**
Brainerd	5.482			$1,901,302	
Brooklyn Center	**0.636**	14,737,827	0.0098		**254,575**
Brooklyn Park	**(0.999)**	25,156,345	0.0167		**434,539**
Buffalo					
Burnsville	**0.250**	35,799,788	0.0238		**618,389**
Cambridge	**0.293**	7,100,737	0.0047		**122,655**
Champlin	5.241			1,991,112	
Chanhassen	4.647			2,591,264	
Chaska					
Chisholm	3.939			No adjustment	
Cloquet					
Columbia Heights	**(0.171)**	12,652,397	0.0084		**218,552**
Coon Rapids	**(0.271)**	30,537,501	0.0203		**527,491**
Corcoran					
Cottage Grove					
Crookston	3.109			1,275,858	
Crystal					
Dayton					
Detroit Lakes	3.466			No adjustment	
Duluth	**0.711**	112,100,169	0.0744		**1,936,368**
Eagan	**0.000**	23,754,270	0.0158		**410,321**

Municipality	Ratio between 8/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
East Bethel	**0.409**	$21,490,027	0.0143		**$371,209**
East Grand Forks					
Eden Prairie					
Edina					
Elk River	**(0.144)**	22,450,018	0.0149		**387,791**
Fairmont	0.000	24,243,194	0.0161		**418,766**
Falcon Heights					
Faribault	**0.523**	24,789,897	0.0164		**428,209**
Farmington					
Fergus Falls					
Forest Lake	**0.151**	21,211,689	0.0141		**366,401**
Fridley	**0.565**	12,529,120	0.0083		**216,422**
Glencoe					
Golden Valley					
Grand Rapids	**(0.098)**	11,280,031	0.0075		**194,846**
Ham Lake					
Hastings	**(0.778)**	11,676,497	0.0077		**201,695**
Hermantown					
Hibbing	**(0.396)**	39,623,878	0.0263		**684,445**
Hopkins	**0.000**	9,655,381	0.0064		**166,783**
Hugo					
Hutchinson					
International Falls	**0.799**	6,845,845	0.0045		**118,252**
Inver Grove Heights					
La Crescent	**1.000**	5,830,085	0.0039		**100,706**
Lake City					
Lake Elmo	**1.000**	4,731,289	0.0031		**81,726**
Lakeville	**(1.000)**	44,204,628	0.0293		**763,571**
Lino Lakes					
Litchfield	5.277			No adjustment	
Little Canada	2.758	11,682,843	0.0078		**201,804**
Little Falls					
Mahtomedi	**0.784**	5,170,388	0.0034		**89,311**
Mankato	**0.000**	28,374,738	0.0188		**490,132**
Maple Grove	**(0.596)**	47,875,524	0.0318		**826,980**
Maplewood	**0.040**	32,536,605	0.0216		**562,023**
Marshall	3.477			$1,625,977	
Mendota Heights					

Municipality	Ratio between 8/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
Minneapolis					
Minnetonka	**0.474**	$39,840,335	0.0264		**$688,184**
Montevideo					
Monticello	4.394			No adjustment	
Moorhead					
Morris	**(3.000)**	5,648,453	0.0037		**97,569**
Mound	4.693			$1,175,350	
Mounds View	**0.890**	9,139,781	0.0061		**157,876**
New Brighton	**(0.313)**	9,782,099	0.0065		**168,972**
New Hope	**1.000**	13,470,258	0.0089		**232,679**
New Prague					
New Ulm	3.067			1,612,477	
North Branch	**0.134**	13,920,381	0.0092		**240,454**
North Mankato	**0.337**	11,995,104	0.0080		**207,198**
North St. Paul					
Northfield					
Oak Grove	**1.000**	14,069,394	0.0093		**243,028**
Oakdale	**(1.899)**	8,159,172	0.0054		**140,938**
Orono	3.461			No adjustment	
Otsego					
Owatonna	**0.000**	18,019,307	0.0120		**311,257**
Plymouth	**0.259**	46,936,174	0.0311		**810,754**
Prior Lake	5.386			2,009,414	
Ramsey	3.492			1,957,091	
Red Wing	**(0.599)**	21,842,434	0.0145		**377,296**
Redwood Falls	0.318				
Richfield	**0.275**	23,192,225	0.0154		**400,612**
Robbinsdale	4.520			1,502,146	
Rochester					
Rogers	**0.000**				
Rosemount					
Roseville					
St. Anthony	**(0.830)**	5,899,464	0.0039		**101,905**
St. Cloud	**0.454**	49,796,801	0.0330		**860,167**
St. Francis	**0.815**	9,237,153	0.0061		**159,558**
St. Joseph	**0.000**				
St. Louis Park	**0.676**	30,328,566	0.0201		**523,882**
St. Michael					

Municipality	Ratio between 8/31/03 Balance and City's 2003 Construction Allotment	2003 Actual 25 Year Construction Needs	Incentive Factor	Excess Balance Adjustment	Low Balance Incentive
St. Paul	**0.082**	$228,519,561	0.1516		**$3,947,343**
St. Paul Park	7.551			$1,012,849	
St. Peter					
Sartell	**(0.672)**	12,215,325	0.0081		**211,002**
Sauk Rapids	4.004			1,227,471	
Savage					
Shakopee	**0.000**	15,971,915	0.0106		**275,892**
Shoreview	**(1.306)**	8,892,813	0.0059		**153,610**
Shorewood	11.595			2,108,188	
South St. Paul					
Spring Lake Park					
Stewartville					
Stillwater					
Thief River Falls	**0.244**	17,922,972	0.0119		**309,593**
Vadnais Heights	**0.226**	5,712,872	0.0038		**98,682**
Virginia					
Waconia					
Waite Park	**(0.652)**	4,592,365	0.0030		**79,326**
Waseca					
West St. Paul					
White Bear Lake	**0.333**	13,525,212	0.0090		**233,628**
Willmar	4.851			2,319,189	
Winona					
Woodbury	**(1.003)**	41,427,628	0.0275		**715,602**
Worthington	4.705			1,723,405	
TOTALS		$1,507,107,535	1.0000	$26,033,093	**$26,033,093**

EFFECTS IN ACTUAL DOLLARS OF THE TWO NEW ADJUSTMENTS PROPOSED BY THE UNENCUMBERED CONSTRUCTION FUNDS SUBCOMMITTEE

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Municipality	Estimated 2004 Total Apportionment with no Adjustment	Estimated 2004 Total Apportionment using Proposed Adjustments	Increase (Decrease) Amount	% Increase Percent Increase or Decrease
Albert Lea	$610,476	$609,477	($999)	(0.16)
Alexandria	385,676	388,880	3,204	0.83
Andover	938,336	936,823	(1,513)	(0.16)
Anoka	503,854	506,889	3,035	0.60
Apple Valley	1,357,078	1,355,210	(1,868)	(0.14)
Arden Hills	246,888	246,598	(290)	(0.12)
Austin	968,169	976,608	8,439	0.87
Baxter	247,845	247,371	(474)	(0.19)
Bemidji	392,933	397,009	4,076	1.04
Big Lake	220,902	222,363	1,461	0.66
Blaine	1,266,264	1,273,020	6,756	0.53
Bloomington	3,189,740	3,211,737	21,997	0.69
Brainerd	396,200	359,376	(36,824)	(9.29)
Brooklyn Center	817,297	821,055	3,758	0.46
Brooklyn Park	1,599,008	1,629,845	30,837	1.93
Buffalo	453,777	452,921	(856)	(0.19)
Burnsville	1,675,526	1,685,127	9,601	0.57
Cambridge	249,948	251,838	1,890	0.76
Champlin	495,336	456,899	(38,437)	(7.76)
Chanhassen	572,113	521,921	(50,192)	(8.77)
Chaska	510,455	509,803	(652)	(0.13)
Chisholm	193,922	193,562	(360)	(0.19)
Cloquet	497,966	496,967	(999)	(0.20)
Columbia Heights	545,091	549,666	4,575	0.84
Coon Rapids	1,622,712	1,639,044	16,332	1.01
Corcoran	224,716	224,300	(416)	(0.19)
Cottage Grove	1,030,332	1,028,645	(1,687)	(0.16)
Crookston	473,829	448,382	(25,447)	(5.37)
Crystal	641,297	640,428	(869)	(0.14)
Dayton	197,826	197,454	(372)	(0.19)
Detroit Lakes	288,312	287,783	(529)	(0.18)
Duluth	3,579,330	3,609,579	30,249	0.85
Eagan	1,513,044	1,519,380	6,336	0.42
East Bethel	589,667	595,456	5,789	0.98
East Grand Forks	368,711	367,928	(783)	(0.21)
Eden Prairie	1,656,692	1,654,345	(2,347)	(0.14)
Edina	1,376,433	1,374,494	(1,939)	(0.14)
Elk River	726,582	734,503	7,921	1.09
Fairmont	640,908	647,427	6,519	1.02
Falcon Heights	123,200	123,094	(106)	(0.09)
Faribault	819,136	825,810	6,674	0.81
Farmington	514,250	513,346	(904)	(0.18)
Fergus Falls	631,357	630,143	(1,214)	(0.19)
Forest Lake	649,094	654,802	5,708	0.88
Fridley	678,279	681,661	3,382	0.50
Glencoe	222,910	222,486	(424)	(0.19)
Golden Valley	673,757	672,673	(1,084)	(0.16)
Grand Rapids	343,117	346,635	3,518	1.03

Municipality	Estimated 2004 Total Apportionment with no Adjustment	Estimated 2004 Total Apportionment using Proposed Adjustments	Increase (Decrease) Amount	% Increase Percent Increase or Decrease
Ham Lake	$610,690	$609,445	($1,245)	(0.20)
Hastings	532,427	540,803	8,376	1.57
Hermantown	343,700	343,027	(673)	(0.20)
Hibbing	1,037,313	1,053,430	16,117	1.55
Hopkins	467,547	470,145	2,598	0.56
Hugo	314,136	313,543	(593)	(0.19)
Hutchinson	497,215	496,322	(893)	(0.18)
International Falls	235,438	237,292	1,854	0.79
Inver Grove Heights	897,922	896,641	(1,281)	(0.14)
La Crescent	188,913	190,493	1,580	0.84
Lake City	188,356	188,022	(334)	(0.18)
Lake Elmo	207,396	208,676	1,280	0.62
Lakeville	1,760,919	1,799,889	38,970	2.21
Lino Lakes	631,071	629,991	(1,080)	(0.17)
Litchfield	253,751	253,286	(465)	(0.18)
Little Canada	366,459	369,651	3,192	0.87
Little Falls	422,509	421,575	(934)	(0.22)
Mahtomedi	224,875	226,277	1,402	0.62
Mankato	1,084,077	1,091,700	7,623	0.70
Maple Grove	1,996,520	2,025,493	28,973	1.45
Maplewood	1,195,102	1,203,859	8,757	0.73
Marshall	470,660	438,771	(31,889)	(6.78)
Mendota Heights	344,667	344,166	(501)	(0.15)
Minneapolis	11,775,883	11,758,058	(17,825)	(0.15)
Minnetonka	1,616,069	1,626,708	10,639	0.66
Montevideo	182,163	181,864	(299)	(0.16)
Monticello	269,140	268,738	(402)	(0.15)
Moorhead	1,141,856	1,139,896	(1,960)	(0.17)
Morris	192,139	201,318	9,179	4.78
Mound	321,160	298,181	(22,979)	(7.16)
Mounds View	375,934	378,409	2,475	0.66
New Brighton	545,366	550,502	5,136	0.94
New Hope	588,710	592,353	3,643	0.62
New Prague	123,522	123,386	(136)	(0.11)
New Ulm	528,583	496,811	(31,772)	(6.01)
North Branch	415,786	419,517	3,731	0.90
North Mankato	449,386	452,540	3,154	0.70
North St. Paul	342,929	342,451	(478)	(0.14)
Northfield	485,293	484,664	(629)	(0.13)
Oak Grove	381,443	385,235	3,792	0.99
Oakdale	613,107	632,678	19,571	3.19
Orono	365,499	364,729	(770)	(0.21)
Otsego	383,235	382,439	(796)	(0.21)
Owatonna	716,444	721,293	4,849	0.68
Plymouth	2,056,809	2,069,227	12,418	0.60
Prior Lake	521,590	482,442	(39,148)	(7.51)
Ramsey	622,372	583,988	(38,384)	(6.17)
Red Wing	688,808	699,888	11,080	1.61
Redwood Falls	238,842	238,363	(479)	(0.20)
Richfield	1,047,511	1,053,602	6,091	0.58
Robbinsdale	351,646	322,568	(29,078)	(8.27)
Rochester	2,570,922	2,567,424	(3,498)	(0.14)
Rogers	154,377	154,143	(234)	(0.15)
Rosemount	599,489	598,410	(1,079)	(0.18)
Roseville	948,361	947,093	(1,268)	(0.13)
St. Anthony	261,501	265,951	4,450	1.70
St. Cloud	1,940,540	1,953,951	13,411	0.69

Municipality	Estimated 2004 Total Apportionment with no Adjustment	Estimated 2004 Total Apportionment using Proposed Adjustments	Increase (Decrease) Amount	% Increase Percent Increase or Decrease
St. Francis	$264,538	$267,035	$2,497	0.94
St. Joseph	123,658	123,522	(136)	(0.11)
St. Louis Park	1,299,485	1,307,650	8,165	0.63
St. Michael	479,333	478,385	(948)	(0.20)
St. Paul	9,236,073	9,296,846	60,773	0.66
St. Paul Park	171,686	152,061	(19,625)	(11.43)
St. Peter	424,902	424,064	(838)	(0.20)
Sartell	440,975	448,174	7,199	1.63
Sauk Rapids	439,547	415,298	(24,249)	(5.52)
Savage	704,746	703,695	(1,051)	(0.15)
Shakopee	690,722	695,020	4,298	0.62
Shoreview	596,647	613,360	16,713	2.80
Shorewood	235,241	194,627	(40,614)	(17.26)
South St. Paul	555,287	554,562	(725)	(0.13)
Spring Lake Park	160,173	160,013	(160)	(0.10)
Stewartville	167,071	166,825	(246)	(0.15)
Stillwater	462,879	462,232	(647)	(0.14)
Thief River Falls	479,140	483,963	4,823	1.01
Vadnais Heights	321,458	322,999	1,541	0.48
Virginia	419,569	418,762	(807)	(0.19)
Waconia	198,399	198,157	(242)	(0.12)
Waite Park	196,137	199,593	3,456	1.76
Waseca	266,171	265,822	(349)	(0.13)
West St. Paul	477,271	476,759	(512)	(0.11)
White Bear Lake	657,901	661,544	3,643	0.55
Willmar	638,875	593,509	(45,366)	(7.10)
Winona	745,873	744,889	(984)	(0.13)
Woodbury	1,765,815	1,799,981	34,166	1.93
Worthington	364,523	331,037	(33,486)	(9.19)
TOTAL	**$108,992,464**	**$108,992,464**	**$0**	

15 CITIES WITH HIGH BALANCES REDISTRIBUTE $26,033,093 TO 60 CITIES WITH LOW BALANCES. THIS HAS NO EFFECT ON THE BALANCES OF THE OTHER CITIES. THE REVISION OF THE UCF BALANCE ADJUSTMENT INCREASES THE NEEDS BY $9M. THIS RESULTS IN A LOWERING OF THE NEEDS VALUE, SO EACH CITY SHOWS A SMALL DECREASE IN ACTUAL DOLLARS.

Needs Study Subcommittee Minutes

September 10, 2003

The Needs Study Subcommittee (NSS) held a meeting on September 10, 2003 at the City Office Building in Willmar. Members present were Chairman Tim Schoonhoven – Alexandria; Steve Koehler – New Ulm; Melvin Odens – Willmar; Marshall Johnston – State Aid; Rick Kjonaas – State Aid, and Mark Channer – State Aid. The purpose of the meeting was to review the guidelines for Widening Needs and Complete Storm Sewer Needs.

Marshall started the meeting with giving a short history of Widening Needs, and why the request for reviewing the guidelines came up. The committee then reviewed the definition of widening needs and when they are intended to be used and also what costs should be applicable. The current practice allows the District State Aid Engineers to use discretion on its application. There have been cases where traffic or other situations have changed such that certain roadway segments have met the requirements for Widening Needs prior to reaching their useful life. The committee agreed that the existing definition met the intent and agreed to recommend some modifications to give better guidance. The committee recommends the following resolution wording:

> 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 is initiated by the Municipality.

Marshall then explained the issue of Complete Storm Sewer Needs where there is existing storm sewer. Currently, Municipalities are only eligible for Complete Storm Sewer Needs if the segment doesn't have any storm sewer. In some cases, there have been situations where the storm sewer is old, large development has occurred, or parking lots installed, etc. where is seems logical to receive complete needs as the existing system will need to be completely replaced. The committee discussed at length and reviewed the process, State Aid involvement, how often this has been requested. It was the consensus of the committee that there seems to be adequate checks and balances in the process and recommended no change to process.

There being no other information brought before the committee, the meeting adjourned at 12:00 p.m.

Respectively Submitted,

Melvin Odens
Willmar

DRAFT REVISIONS TO THE SCREENING BOARD RESOLUTIONS

Based upon recommendations of the NSS and UCFS

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

That for the determination of Apportionment Needs, **a city with a positive** ~~the amount of the~~ unencumbered construction fund balance as of December 31st of the current year shall ~~be~~ **have that amount** deducted from ~~the~~ **its** 25-year total Needs ~~of each individual municipality~~. **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.**

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 31 construction fund balance is less than 1 times their January construction allotment of the same year. This redistribution will be based on their prorated share of the previous years total construction Needs distribution.

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

…

That if the construction of a Municipal State Aid Street is accomplished ~~with local funds~~, only the Construction Needs necessary to bring the ~~roadway~~ **segment** up to State Aid Standards will be permitted in subsequent Needs ~~for 20~~ **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. ~~At the end of the 20 year period~~, **Widening Needs shall continue until** reinstatement for complete Construction Needs ~~shall be~~ **is** initiated by the Municipality.

THEORETICAL 2004 M.S.A.S. POPULATION APPORTIONMENT

The 2000 Federal Census or the State Demographer's and Metropolitan Council's 2002 population estimate, whichever is greater, will be used to allocate 50% of the funds for the 2004 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 5,000.

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 $16.08 per capita in apportionment from the 2004 population apportionment distribution. This projection will be somewhat revised when the actual revenue for the 2004 apportionment becomes available.

Any adjustments made to the 2002 population estimates will be presented in the January 2004 booklet. These adjustments could include population adjustments due to annexations and detachments and any revisions to the 2002 estimates.

The city of Dayton has disputed its 2000 federal census population of 4,699. They have submitted all paperwork, including the Census Question Resolution, to the United States Census Bureau.

In accordance with the Screening Board motion and the determination of the Attorney Generals office, Dayton's apportionment will be computed, but not released unless the adjusted 2000 federal census figures show their population to be above 4,900. Their allocation will be redistributed amongst the other cities if the dispute resolution puts their population below 4,900.

New Prague, located in LeSueur and Scott counties will be added to the 2004 allocation with an estimated population of 5,016. Located in two districts, New Prague will be considered to be in District 7. Rogers, located in Hennepin county in Metro Division, with a population of 5,010 will also be added in 2004. St. Joseph, whose dispute with the Federal Census Bureau was settled in 2002 with a population of 4,681, was excluded in the 2003 allocation. It is being included this year with a population estimate of 5,024. Including Dayton, and Chisholm this brings the number of cities sharing in the MSAS allocation to 134.

2004 POPULATION SUMMARY

The 2003 and 2004 populations used for allocation are based on 2000 Federal Census or State Demographer and Met Council estimates, whichever is greater.

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Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
Albert Lea	**18,366**	**18,079**	18,372	**18,366**	(6)
Alexandria	**9,115**	**9,855**	9,247	**9,855**	608
Andover	**26,588**	**28,664**	27,446	**28,664**	1,218
Anoka	**18,076**	**18,121**	18,088	**18,121**	33
Apple Valley	**45,527**	**47,761**	46,600	**47,761**	1,161
Arden Hills	**9,652**	**9,660**	9,660	**9,660**	0
Austin	**23,314**	**23,670**	23,376	**23,670**	294
Baxter	**5,555**	**6,124**	5,820	**6,124**	304
Bemidji	**11,931**	**12,408**	12,075	**12,408**	333
Big Lake	**6,063**	**7,273**	6,895	**7,273**	378
Blaine	**44,942**	**48,000**	46,000	**48,000**	2,000
Bloomington	**85,172**	**85,400**	85,285	**85,400**	115
Brainerd	**13,382**	**13,646**	13,640	**13,646**	6
Brooklyn Center	**29,172**	**29,185**	29,180	**29,185**	5
Brooklyn Park	**67,388**	**68,600**	68,070	**68,600**	530
Buffalo	**10,104**	**11,422**	10,848	**11,422**	574
Burnsville	**60,220**	**60,900**	60,434	**60,900**	466
Cambridge	**5,520**	**5,846**	5,715	**5,846**	131
Champlin	**22,193**	**22,620**	22,482	**22,620**	138
Chanhassen	**20,321**	**21,345**	21,100	**21,345**	245
Chaska	**17,449**	**18,961**	18,380	**18,961**	581
Chisholm	**4,960**	**4,872**	5,000	**5,000**	0
Cloquet	**11,201**	**11,378**	11,370	**11,378**	8
Columbia Heights	**18,520**	**18,698**	18,529	**18,698**	169
Coon Rapids	**61,607**	**62,177**	61,800	**62,177**	377
Corcoran	**5,630**	**5,800**	5,665	**5,800**	135
Cottage Grove	**30,582**	**30,984**	30,753	**30,984**	231
Crookston	**8,192**	**8,128**	8,192	**8,192**	0
Crystal	**22,698**	**22,840**	22,748	**22,840**	92
Dayton	**4,699**	**4,877**	5,000	**5,000**	0
Detroit Lakes	**7,425**	**7,557**	7,483	**7,557**	74
Duluth	**86,319**	**86,044**	86,319	**86,319**	0
Eagan	**63,557**	**64,700**	64,300	**64,700**	400

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
East Bethel	**10,941**	**11,198**	11,079	**11,198**	119
East Grand Forks	**7,501**	**7,569**	7,535	**7,569**	34
Eden Prairie	**54,901**	**57,000**	55,660	**57,000**	1,340
Edina	**47,425**	**47,570**	47,465	**47,570**	105
Elk River	**16,447**	**18,082**	17,380	**18,082**	702
Fairmont	**10,889**	**10,816**	10,947	**10,889**	(58)
Falcon Heights	**5,572**	**5,580**	5,580	**5,580**	0
Faribault	**20,835**	**21,476**	21,167	**21,476**	309
Farmington	**12,382**	**14,255**	13,279	**14,255**	976
Fergus Falls	**13,620**	**13,703**	13,645	**13,703**	58
Forest Lake	**14,440**	**15,093**	14,719	**15,093**	374
Fridley	**27,449**	**27,460**	27,469	**27,460**	(9)
Glencoe	**5,453**	**5,549**	5,518	**5,549**	31
Golden Valley	**20,281**	**20,636**	20,391	**20,636**	245
Grand Rapids	**7,892**	**7,829**	7,892	**7,892**	0
Ham Lake	**12,710**	**13,555**	13,110	**13,555**	445
Hastings	**18,204**	**19,199**	18,503	**19,199**	696
Hermantown	**8,047**	**8,178**	8,099	**8,178**	79
Hibbing	**17,071**	**16,968**	17,071	**17,071**	0
Hopkins	**17,145**	**17,559**	17,250	**17,559**	309
Hugo	**6,363**	**7,900**	7,195	**7,900**	705
Hutchinson	**13,081**	**13,403**	13,314	**13,403**	89
International Falls	**6,707**	**6,554**	6,707	**6,707**	0
Inver Grove Heights	**29,751**	**30,708**	30,150	**30,708**	558
LaCrescent	**4,923**	**5,027**	5,013	**5,027**	14
Lake City	**5,054**	**5,153**	5,104	**5,153**	49
Lake Elmo	**6,863**	**7,387**	7,036	**7,387**	351
Lakeville	**43,128**	**46,285**	44,751	**46,285**	1,534
Lino Lakes	**16,791**	**17,942**	17,380	**17,942**	562
Litchfield	**6,562**	**6,643**	6,577	**6,643**	66
Little Canada	**9,771**	**9,825**	9,813	**9,825**	12
Little Falls	**7,723**	**7,955**	7,838	**7,955**	117
Mahtomedi	**7,563**	**8,030**	7,977	**8,030**	53
Mankato	**32,427**	**33,362**	32,700	**33,362**	662
Maple Grove	**50,365**	**54,000**	52,350	**54,000**	1,650
Maplewood	**34,947**	**35,600**	35,080	**35,600**	520
Marshall	**12,717**	**12,778**	12,810	**12,778**	(32)
Mendota Heights	**11,434**	**11,600**	11,470	**11,600**	130

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
Minneapolis	**382,618**	**382,700**	382,618	**382,700**	82
Minnetonka	**51,301**	**51,440**	51,420	**51,440**	20
Montevideo	**5,346**	**5,480**	5,482	**5,480**	(2)
Monticello	**7,868**	**8,839**	8,397	**8,839**	442
Moorhead	**32,179**	**32,572**	32,376	**32,572**	196
Morris	**5,173**	**5,207**	5,186	**5,207**	21
Mound	**9,435**	**9,460**	9,454	**9,460**	6
Mounds View	**12,738**	**12,800**	12,750	**12,800**	50
New Brighton	**22,206**	**22,260**	22,215	**22,260**	45
New Hope	**20,873**	**20,910**	20,910	**20,910**	0
New Prague	**4,559**	**5,016**	0	**5,016**	5,016
New Ulm	**13,594**	**13,543**	13,594	**13,594**	0
North Branch	**8,023**	**8,978**	8,574	**8,978**	404
North Mankato	**11,800**	**12,208**	12,054	**12,208**	154
North St. Paul	**11,929**	**11,959**	11,929	**11,959**	30
Northfield	**17,147**	**17,846**	17,509	**17,846**	337
Oak Grove	**6,903**	**7,090**	6,952	**7,090**	138
Oakdale	**26,653**	**27,500**	26,906	**27,500**	594
Orono	**7,538**	**7,625**	7,592	**7,625**	33
Otsego	**6,389**	**8,210**	6,970	**8,210**	1,240
Owatonna	**22,436**	**23,082**	22,786	**23,082**	296
Plymouth	**65,894**	**67,824**	66,675	**67,824**	1,149
Prior Lake	**15,917**	**17,160**	16,457	**17,160**	703
Ramsey	**18,510**	**18,830**	18,668	**18,830**	162
Red Wing	**16,116**	**16,269**	16,211	**16,269**	58
Redwood Falls	**5,459**	**5,399**	5,461	**5,459**	(2)
Richfield	**34,439**	**34,575**	34,876	**34,575**	(301)
Robbinsdale	**14,123**	**14,077**	14,123	**14,123**	0
Rochester	**86,806**	**91,264**	89,325	**91,264**	1,939
Rogers	**3,588**	**5,010**	0	**5,010**	5,010
Rosemount	**14,619**	**16,110**	15,270	**16,110**	840
Roseville	**33,690**	**34,100**	33,949	**34,100**	151
Saint Anthony	**8,102**	**8,019**	8,102	**8,102**	0
Saint Cloud	**59,111**	**61,248**	60,276	**61,248**	972
Saint Francis	**4,910**	**5,680**	5,330	**5,680**	350
Saint Joseph	**4,681**	**5,024**	0	**5,024**	5,024
Saint Louis Park	**44,126**	**44,744**	44,576	**44,744**	168
Saint Michael	**9,099**	**11,197**	10,264	**11,197**	933

Municipality	2000 Census	2002 Population Estimates	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	Difference between Populations used in 2003 & 2004 Allocation
Saint Paul	**287,151**	**288,000**	287,260	**288,000**	740
Saint Paul Park	**5,070**	**5,095**	5,081	**5,095**	14
Saint Peter	**9,747**	**9,979**	9,763	**9,979**	216
Sartell	**9,666**	**10,957**	10,336	**10,957**	621
Sauk Rapids	**10,221**	**11,423**	10,826	**11,423**	597
Savage	**21,115**	**23,220**	22,622	**23,220**	598
Shakopee	**20,570**	**23,900**	22,192	**23,900**	1,708
Shoreview	**25,924**	**26,478**	26,374	**26,478**	104
Shorewood	**7,400**	**7,590**	7,540	**7,590**	50
South St. Paul	**20,167**	**20,313**	20,174	**20,313**	139
Spring Lake Park	**6,772**	**6,825**	6,777	**6,825**	48
Stewartville	**5,431**	**5,556**	5,500	**5,556**	56
Stillwater	**15,143**	**16,109**	15,589	**16,109**	520
Thief River Falls	**8,410**	**8,447**	8,412	**8,447**	35
Vadnais Heights	**13,069**	**13,250**	13,151	**13,250**	99
Virginia	**9,157**	**9,108**	9,157	**9,157**	0
Waconia	**6,821**	**7,600**	7,300	**7,600**	300
Waite Park	**6,568**	**6,690**	6,644	**6,690**	46
Waseca	**9,617**	**9,717**	9,714	**9,717**	3
West St. Paul	**19,405**	**19,650**	19,624	**19,650**	26
White Bear Lake	**24,325**	**24,874**	24,606	**24,874**	268
Willmar	**18,488**	**18,512**	18,550	**18,512**	(38)
Winona	**27,069**	**26,902**	27,100	**27,069**	(31)
Woodbury	**46,463**	**49,170**	48,150	**49,170**	1,020
Worthington	**11,287**	**11,248**	11,287	**11,287**	0
TOTAL	**3,301,769**	**3,386,890**	**3,331,862**	**3,388,654**	**56,792**

2004 TENTATIVE POPULATION APPORTIONMENT

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Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
Albert Lea	18,372	18,366	$300,494	**$295,361**	($5,133)	(1.7082)
Alexandria	9,247	9,855	151,245	**158,488**	7,243	4.7889
Andover	27,446	28,664	448,909	**460,974**	12,065	2.6876
Anoka	18,088	18,121	295,849	**291,421**	(4,428)	(1.4967)
Apple Valley	46,600	47,761	762,194	**768,091**	5,897	0.7737
Arden Hills	9,660	9,660	158,000	**155,352**	(2,648)	(1.6759)
Austin	23,376	23,670	382,340	**380,660**	(1,680)	(0.4394)
Baxter	5,820	6,124	95,192	**98,486**	3,294	3.4604
Bemidji	12,075	12,408	197,500	**199,545**	2,045	1.0354
Big Lake	6,895	7,273	112,775	**116,964**	4,189	3.7145
Blaine	46,000	48,000	752,380	**771,935**	19,555	2.5991
Bloomington	85,285	85,400	1,394,929	**1,373,400**	(21,529)	(1.5434)
Brainerd	13,640	13,646	223,097	**219,455**	(3,642)	(1.6325)
Brooklyn Center	29,180	29,185	477,271	**469,352**	(7,919)	(1.6592)
Brooklyn Park	68,070	68,600	1,113,359	**1,103,223**	(10,136)	(0.9104)
Buffalo	10,848	11,422	177,431	**183,688**	6,257	3.5264
Burnsville	60,434	60,900	988,464	**979,392**	(9,072)	(0.9178)
Cambridge	5,715	5,846	93,475	**94,015**	540	0.5777
Champlin	22,482	22,620	367,718	**363,774**	(3,944)	(1.0726)
Chanhassen	21,100	21,345	345,113	**343,270**	(1,843)	(0.5340)
Chaska	18,380	18,961	300,625	**304,930**	4,305	1.4320
Chisholm	5,000	5,000	81,780	**80,410**	(1,370)	(1.6752)
Cloquet	11,370	11,378	185,969	**182,981**	(2,988)	(1.6067)
Columbia Heights	18,529	18,698	303,062	**300,701**	(2,361)	(0.7790)
Coon Rapids	61,800	62,177	1,010,806	**999,929**	(10,877)	(1.0761)
Corcoran	5,665	5,800	92,657	**93,275**	618	0.6670
Cottage Grove	30,753	30,984	502,999	**498,284**	(4,715)	(0.9374)
Crookston	8,192	8,192	133,989	**131,743**	(2,246)	(1.6763)
Crystal	22,748	22,840	372,068	**367,312**	(4,756)	(1.2783)
Dayton	5,000	5,000	81,780	**80,410**	(1,370)	(1.6752)
Detroit Lakes	7,483	7,557	122,393	**121,531**	(862)	(0.7043)
Duluth	86,319	86,319	1,411,841	**1,388,180**	(23,661)	(1.6759)
Eagan	64,300	64,700	1,051,697	**1,040,503**	(11,194)	(1.0644)
East Bethel	11,079	11,198	181,209	**180,086**	(1,123)	(0.6197)
East Grand Forks	7,535	7,569	123,243	**121,724**	(1,519)	(1.2325)
Eden Prairie	55,660	57,000	910,380	**916,672**	6,292	0.6911

Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
Edina	47,465	47,570	$776,342	**$765,019**	($11,323)	(1.4585)
Elk River	17,380	18,082	284,269	**290,794**	6,525	2.2954
Fairmont	10,947	10,889	179,050	**175,117**	(3,933)	(2.1966)
Falcon Heights	5,580	5,580	91,267	**89,737**	(1,530)	(1.6764)
Faribault	21,167	21,476	346,209	**345,376**	(833)	(0.2406)
Farmington	13,279	14,255	217,193	**229,248**	12,055	5.5504
Fergus Falls	13,645	13,703	223,179	**220,371**	(2,808)	(1.2582)
Forest Lake	14,719	15,093	240,745	**242,725**	1,980	0.8224
Fridley	27,469	27,460	449,285	**441,611**	(7,674)	(1.7080)
Glencoe	5,518	5,549	90,253	**89,239**	(1,014)	(1.1235)
Golden Valley	20,391	20,636	333,517	**331,868**	(1,649)	(0.4944)
Grand Rapids	7,892	7,892	129,082	**126,919**	(2,163)	(1.6757)
Ham Lake	13,110	13,555	214,428	**217,991**	3,563	1.6616
Hastings	18,503	19,199	302,637	**308,758**	6,121	2.0226
Hermantown	8,099	8,178	132,468	**131,518**	(950)	(0.7172)
Hibbing	17,071	17,071	279,215	**274,535**	(4,680)	(1.6761)
Hopkins	17,250	17,559	282,143	**282,383**	240	0.0851
Hugo	7,195	7,900	117,682	**127,048**	9,366	7.9587
Hutchinson	13,314	13,403	217,765	**215,547**	(2,218)	(1.0185)
International Falls	6,707	6,707	109,700	**107,862**	(1,838)	(1.6755)
Inver Grove Heights	30,150	30,708	493,136	**493,845**	709	0.1438
La Crescent	5,013	5,027	81,993	**80,844**	(1,149)	(1.4013)
Lake City	5,104	5,153	83,481	**82,870**	(611)	(0.7319)
Lake Elmo	7,036	7,387	115,081	**118,798**	3,717	3.2299
Lakeville	44,751	46,285	731,951	**744,354**	12,403	1.6945
Lino Lakes	17,380	17,942	284,269	**288,543**	4,274	1.5035
Litchfield	6,577	6,643	107,574	**106,833**	(741)	(0.6888)
Little Canada	9,813	9,825	160,502	**158,005**	(2,497)	(1.5557)
Little Falls	7,838	7,955	128,199	**127,932**	(267)	(0.2083)
Mahtomedi	7,977	8,030	130,473	**129,138**	(1,335)	(1.0232)
Mankato	32,700	33,362	534,844	**536,527**	1,683	0.3147
Maple Grove	52,350	54,000	856,241	**868,426**	12,185	1.4231
Maplewood	35,080	35,600	573,772	**572,518**	(1,254)	(0.2186)
Marshall	12,810	12,778	209,522	**205,495**	(4,027)	(1.9220)
Mendota Heights	11,470	11,600	187,604	**186,551**	(1,053)	(0.5613)
Minneapolis	382,618	382,700	6,258,134	**6,154,570**	(103,564)	(1.6549)
Minnetonka	51,420	51,440	841,030	**827,257**	(13,773)	(1.6376)
Montevideo	5,482	5,480	89,664	**88,129**	(1,535)	(1.7119)
Monticello	8,397	8,839	137,342	**142,149**	4,807	3.5000
Moorhead	32,376	32,572	529,545	**523,822**	(5,723)	(1.0807)
Morris	5,186	5,207	84,823	**83,739**	(1,084)	(1.2780)
Mound	9,454	9,460	154,630	**152,135**	(2,495)	(1.6135)
Mounds View	12,750	12,800	208,540	**205,849**	(2,691)	(1.2904)
New Brighton	22,215	22,260	363,351	**357,985**	(5,366)	(1.4768)

Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
New Hope	20,910	20,910	$342,006	**$336,274**	($5,732)	(1.6760)
New Prague	0	5,016	0	**80,667**	80,667	
New Ulm	13,594	13,594	222,345	**218,618**	(3,727)	(1.6762)
North Branch	8,574	8,978	140,237	**144,384**	4,147	2.9571
North Mankato	12,054	12,208	197,156	**196,329**	(827)	(0.4195)
North St. Paul	11,929	11,959	195,112	**192,324**	(2,788)	(1.4289)
Northfield	17,509	17,846	286,379	**286,999**	620	0.2165
Oak Grove	6,952	7,090	113,708	**114,021**	313	0.2753
Oakdale	26,906	27,500	440,077	**442,254**	2,177	0.4947
Orono	7,592	7,625	124,175	**122,625**	(1,550)	(1.2482)
Otsego	6,970	8,210	114,002	**132,033**	18,031	15.8164
Owatonna	22,786	23,082	372,690	**371,204**	(1,486)	(0.3987)
Plymouth	66,675	67,824	1,090,542	**1,090,744**	202	0.0185
Prior Lake	16,457	17,160	269,172	**275,967**	6,795	2.5244
Ramsey	18,668	18,830	305,335	**302,823**	(2,512)	(0.8227)
Red Wing	16,211	16,269	265,149	**261,638**	(3,511)	(1.3242)
Redwood Falls	5,461	5,459	89,321	**87,791**	(1,530)	(1.7129)
Richfield	34,876	34,575	570,435	**556,034**	(14,401)	(2.5246)
Robbinsdale	14,123	14,123	230,997	**227,126**	(3,871)	(1.6758)
Rochester	89,325	91,264	1,461,008	**1,467,705**	6,697	0.4584
Rogers	0	5,010	0	**80,571**	80,571	
Rosemount	15,270	16,110	249,757	**259,081**	9,324	3.7332
Roseville	33,949	34,100	555,273	**548,395**	(6,878)	(1.2387)
St. Anthony	8,102	8,102	132,517	**130,296**	(2,221)	(1.6760)
St. Cloud	60,276	61,248	985,880	**984,988**	(892)	(0.0905)
St. Francis	5,330	5,680	87,178	**91,346**	4,168	4.7810
St. Joseph	0	5,024	0	**80,796**	80,796	
St. Louis Park	44,576	44,744	729,089	**719,572**	(9,517)	(1.3053)
St. Michael	10,264	11,197	167,879	**180,070**	12,191	7.2618
St. Paul	287,260	288,000	4,698,450	**4,631,607**	(66,843)	(1.4227)
St. Paul Park	5,081	5,095	83,105	**81,938**	(1,167)	(1.4042)
St. Peter	9,763	9,979	159,684	**160,482**	798	0.4997
Sartell	10,336	10,957	169,057	**176,210**	7,153	4.2311
Sauk Rapids	10,826	11,423	177,071	**183,704**	6,633	3.7460
Savage	22,622	23,220	370,007	**373,423**	3,416	0.9232
Shakopee	22,192	23,900	362,974	**384,359**	21,385	5.8916
Shoreview	26,374	26,478	431,375	**425,818**	(5,557)	(1.2882)
Shorewood	7,540	7,590	123,325	**122,062**	(1,263)	(1.0241)
South St. Paul	20,174	20,313	329,968	**326,673**	(3,295)	(0.9986)
Spring Lake Park	6,777	6,825	110,845	**109,759**	(1,086)	(0.9797)
Stewartville	5,500	5,556	89,958	**89,351**	(607)	(0.6748)
Stillwater	15,589	16,109	254,975	**259,064**	4,089	1.6037
Thief River Falls	8,412	8,447	137,587	**135,844**	(1,743)	(1.2668)
Vadnais Heights	13,151	13,250	215,099	**213,086**	(2,013)	(0.9358)
Virginia	9,157	9,157	149,773	**147,263**	(2,510)	(1.6759)
Waconia	7,300	7,600	119,399	**122,223**	2,824	2.3652

Municipality	Population Used for 2003 Allocation	Population to be used for 2004 Allocation	2003 Apport. Using the 2000 Census	2004 Apport. Using 2000 Census or 02 Estimate	Difference Between 2003 & 04 Apport.	% Increase (Decrease)
Waite Park	6,644	6,690	$108,670	**$107,588**	($1,082)	(0.9957)
Waseca	9,714	9,717	158,883	**156,269**	(2,614)	(1.6452)
West St. Paul	19,624	19,650	320,972	**316,011**	(4,961)	(1.5456)
White Bear Lake	24,606	24,874	402,458	**400,023**	(2,435)	(0.6050)
Willmar	18,550	18,512	303,405	**297,710**	(5,695)	(1.8770)
Winona	27,100	27,069	443,251	**435,324**	(7,927)	(1.7884)
Woodbury	48,150	49,170	787,547	**790,751**	3,204	0.4068
Worthington	11,287	11,287	184,612	**181,518**	(3,094)	(1.6759)
TOTAL	**3,331,862**	**3,388,654**	**$54,496,232**	**$54,496,232**	**$0**	

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

2003	$54,496,232 / 3,331,862	Equals	$16.3561	Per person
2004	$54,496,232 / 3,388,654	Equals	$16.0820	Per person

The population difference between 2003 and 2004 for allocation purposes is 56,792.

Effects of the 2003 Needs Study Update

The following tabulation reflects the total difference between the 2002 and the 2003 25-year construction (money) needs study. This update was accomplished in five 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. **2003 Traffic Count Update -- is the result of the 2002 traffic counts updated in 2003. Traffic Data Management Services completed traffic maps of 7 municipalities whose traffic was counted in 2002.**

3. **2003 Roadway Unit Cost Revisions -- measures the effect on the needs between last year's unit prices to the unit prices approved by the Screening Board at the 2003 Spring Meeting.**

4. **2003 Structure and Railroad Cost Revisions -- measures the effect on the needs between last year's unit prices to the unit prices approved by the Screening Board at the 2003 Spring Meeting.**

5. **2003 Design Table Revisions -- measures the effect on the revisions to the Design Charts approved by the Screening Board at the 2003 Spring Meeting. There were no Design Table Revisions in 2003.**

The resulting 2003 25-year Construction Needs as adjusted in the "2003 Adjusted Construction Needs" spreadsheet in this booklet will be used in computing the 2004 Construction (money) needs apportionment.

EFFECTS OF THE 2003 M.S.A.S NEEDS STUDY UPDATE

EFFECTS OF THE REVISIONS TO THE 2002 UPDATE

(Does Not Include The New Cities of **New Prague** and **Rogers**)

Municipality	2002 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Roadway Update	Percent change	Effect of Traffic Unit Price Update	Percent Change	Effect of Structure and Railroad Update	Percent Change	2003 Unadjusted Construction Needs	Net Change	Percent of change 2002 to 2003
Albert Lea	$17,089,520	$107,581	0.63%	$462,757	2.71%	$141,998	0.83%	$19,200	0.11%	$17,821,056	$731,536	4.28%
Alexandria	10,907,057	711,039	6.52%	365,051	3.35%	(84,468)	-0.77%			11,898,679	991,622	9.09%
Andover	22,605,441	335,049	1.48%	690,478	3.05%					23,630,968	1,025,527	4.54%
Anoka	10,925,517	(11,346)	-0.10%	327,190	2.99%					11,241,361	315,844	2.89%
Apple Valley	31,195,733	214,142	0.69%	1,012,450	3.25%					32,422,325	1,226,592	3.93%
Arden Hills	6,006,553	(388,814)	-6.47%	156,225	2.60%					5,773,964	(232,589)	-3.87%
Austin	29,498,947	833,584	2.83%	652,736	2.21%			250,463	0.85%	31,235,730	1,736,783	5.89%
Baxter	8,137,521	(266,753)	-3.28%	233,663	2.87%					8,104,431	(33,090)	-0.41%
Bemidji	10,091,967	(563,440)	-5.58%	267,349	2.65%			23,525	0.23%	9,819,401	(272,566)	-2.70%
Big Lake	6,874,758	(1,605,950)	-23.36%	157,241	2.29%					5,426,049	(1,448,709)	-21.07%
Blaine	25,265,121	(763,933)	-3.02%	734,691	2.91%					25,235,879	(29,242)	-0.12%
Bloomington	79,686,031	1,991,152	2.50%	2,461,309	3.09%			13,469	0.02%	84,151,961	4,465,930	5.60%
Brainerd	12,788,162	(3,298,920)	-25.80%	387,618	3.03%					9,876,860	(2,911,302)	-22.77%
Brooklyn Center	16,004,614	(1,721,993)	-10.76%	455,206	2.84%					14,737,827	(1,266,787)	-7.92%
Brooklyn Park	27,292,354	(2,893,583)	-10.60%	757,574	2.78%					25,156,345	(2,136,009)	-7.83%
Buffalo	13,672,987	602,252	4.40%	390,792	2.86%					14,666,031	993,044	7.26%
Burnsville	34,660,080	29,952	0.09%	1,109,756	3.20%					35,799,788	1,139,708	3.29%
Cambridge	6,782,992	109,080	1.61%	184,674	2.72%			23,991	0.35%	7,100,737	317,745	4.68%
Champlin	8,289,814	180,728	2.18%	255,408	3.08%					8,725,950	436,136	5.26%
Chanhassen	13,824,249	No Updates	0.00%	400,107	2.89%			22,982	0.17%	14,247,338	423,089	3.06%
Chaska	10,785,033	No Updates	0.00%	324,737	3.01%					11,109,770	324,737	3.01%
Chisholm	6,329,378	No Updates	0.00%	192,038	3.03%					6,521,416	192,038	3.03%
Cloquet	15,713,011	900,192	5.73%	484,870	3.09%	46,012	0.29%			17,144,085	1,431,074	9.11%
Columbia Heights	12,172,247	121,505	1.00%	358,645	2.95%					12,652,397	480,150	3.94%
Coon Rapids	29,302,607	231,878	0.79%	875,576	2.99%			127,440	0.43%	30,537,501	1,234,894	4.21%
Corcoran	6,888,588	No Updates	0.00%	174,188	2.53%					7,062,776	174,188	2.53%
Cottage Grove	26,409,673	1,885,160	7.14%	843,278	3.19%			41,040	0.16%	29,179,151	2,769,478	10.49%
Crookston	18,588,549	(55,178)	-0.30%	298,802	1.61%			302,083	1.63%	19,134,256	545,707	2.94%
Crystal	13,670,280	No Updates	0.00%	428,216	3.13%					14,098,496	428,216	3.13%
Dayton	6,389,732	No Updates	0.00%	165,489	2.59%					6,555,221	165,489	2.59%
Detroit Lakes	8,362,520	977,574	11.69%	271,624	3.25%					9,611,718	1,249,198	14.94%
Duluth	107,078,403	1,628,193	1.52%	3,057,273	2.86%			336,300	0.31%	112,100,169	5,021,766	4.69%
Eagan	21,932,464	1,078,269	4.92%	743,537	3.39%					23,754,270	1,821,806	8.31%
East Bethel	13,599,680	7,332,393	53.92%	557,954	4.10%					21,490,027	7,890,347	58.02%
East Grand Forks	11,700,800	1,053,858	9.01%	333,026	2.85%			51,000	0.44%	13,138,684	1,437,884	12.29%
Eden Prairie	37,736,173	3,700,424	9.81%	1,241,512	3.29%			49,680	0.13%	42,727,789	4,991,616	13.23%
Edina	31,016,759	(244,441)	-0.79%	960,302	3.10%			9,677	0.03%	31,742,297	725,538	2.34%
Elk River	22,193,806	(398,338)	-1.79%	654,550	2.95%					22,450,018	256,212	1.15%
Fairmont	22,932,529	616,943	2.69%	688,922	3.00%			4,800	0.02%	24,243,194	1,310,665	5.72%
Falcon Heights	1,760,992	150,198	8.53%	61,839	3.51%					1,973,029	212,037	12.04%
Faribault	24,123,872	(79,263)	-0.33%	673,989	2.79%			71,299	0.30%	24,789,897	666,025	2.76%
Farmington	15,285,407	(77,853)	-0.51%	420,761	2.75%			6,182	0.04%	15,634,497	349,090	2.28%
Fergus Falls	18,804,861	1,342,309	7.14%	501,803	2.67%			53,457	0.28%	20,702,430	1,897,569	10.09%
Forest Lake	18,601,301	2,049,598	11.02%	560,790	3.01%					21,211,689	2,610,388	14.03%
Fridley	12,098,057	66,474	0.55%	364,589	3.01%					12,529,120	431,063	3.56%
Glencoe	6,274,043	14,040	0.22%	184,915	2.95%					6,472,998	198,955	3.17%
Golden Valley	19,330,337	(1,355,606)	-7.01%	505,452	2.61%			34,200	0.18%	18,514,383	(815,954)	-4.22%
Grand Rapids	11,026,870	(65,818)	-0.60%	318,979	2.89%					11,280,031	253,161	2.30%
Ham Lake	19,060,473	1,525,872	8.01%	483,057	2.53%					21,069,402	2,008,929	10.54%
Hastings	11,742,970	(440,842)	-3.75%	374,369	3.19%					11,676,497	(66,473)	-0.57%
Hermantown	11,467,615	(81,126)	-0.71%	327,873	2.86%					11,714,362	246,747	2.15%
Hibbing	33,360,303	5,203,703	15.60%	1,059,872	3.18%					39,623,878	6,263,575	18.78%
Hopkins	9,375,713	(4,854)	-0.05%	294,522	3.14%					9,665,381	289,668	3.09%
Hugo	9,903,433	57,096	0.58%	242,156	2.45%					10,202,685	299,252	3.02%
Hutchinson	14,157,475	(54,263)	-0.38%	395,591	2.79%			18,360	0.13%	14,517,163	359,688	2.54%

Municipality	2002 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Roadway Update	Percent change	Effect of Traffic Unit Price Update	Percent Change	Effect of Structure and Railroad Update	Percent Change	2003 Unadjusted Construction Needs	Net Change	Percent of change 2002 to 2003
International Falls	$6,624,832	No Updates	0.00%	$221,013	3.34%					$6,845,845	$221,013	3.34%
Inver Grove Heights	20,585,533	$752,071	3.65%	660,612	3.21%					21,998,216	1,412,683	6.86%
La Crescent	5,636,914	No Updates	0.00%	193,171	3.43%					5,830,085	193,171	3.43%
Lake City	4,899,111	713,346	14.56%	170,683	3.48%					5,783,140	884,029	18.04%
Lake Elmo	4,568,526	28,080	0.61%	134,683	2.95%					4,731,289	162,763	3.56%
Lakeville	42,358,678	567,413	1.34%	1,278,537	3.02%					44,204,628	1,845,950	4.36%
Lino Lakes	18,186,289	(42,233)	-0.23%	539,466	2.97%					18,683,522	497,233	2.73%
Litchfield	8,040,782	257,825	3.21%	252,444	3.14%					8,551,051	510,269	6.35%
Little Canada	11,328,029	No Updates	0.00%	315,934	2.79%			$38,880	0.34%	11,682,843	354,814	3.13%
Little Falls	15,257,784	14,040	0.09%	469,289	3.08%					15,741,113	483,329	3.17%
Mahtomedi	5,019,992	No Updates	0.00%	150,396	3.00%					5,170,388	150,396	3.00%
Mankato	26,326,093	1,156,671	4.39%	888,518	3.38%			3,456	0.01%	28,374,738	2,048,645	7.78%
Maple Grove	45,527,085	894,760	1.97%	1,453,679	3.19%					47,875,524	2,348,439	5.16%
Maplewood	32,824,372	(1,266,081)	-3.86%	978,314	2.98%					32,536,605	(287,767)	-0.88%
Marshall	14,856,580	129,588	0.87%	457,389	3.08%			10,752	0.07%	15,454,309	597,729	4.02%
Mendota Heights	8,087,676	338,832	4.19%	249,146	3.08%					8,675,654	587,978	7.27%
Minneapolis	289,454,194	(214,592)	-0.07%	7,479,456	2.58%			1,341,795	0.46%	298,060,853	8,606,659	2.97%
Minnetonka	38,128,369	498,878	1.31%	1,213,088	3.18%					39,840,335	1,711,966	4.49%
Montevideo	4,883,061	226,689	4.64%	165,720	3.39%					5,275,470	392,409	8.04%
Monticello	7,080,215	77,224	1.09%	214,681	3.03%					7,372,120	291,905	4.12%
Moorhead	31,437,282	179,480	0.57%	882,765	2.81%			120,844	0.38%	32,620,371	1,183,089	3.76%
Morris	4,571,472	907,127	19.84%	169,854	3.72%					5,648,453	1,076,981	23.56%
Mound	8,410,964	21,528	0.26%	257,114	3.06%					8,689,606	278,642	3.31%
Mounds View	8,953,256	(86,104)	-0.96%	272,629	3.05%					9,139,781	186,525	2.08%
New Brighton	9,558,978	(38,221)	-0.40%	261,342	2.73%					9,782,099	223,121	2.33%
New Hope	14,104,714	(1,049,913)	-7.44%	370,097	2.62%			45,360	0.32%	13,470,258	(634,456)	-4.50%
New Prague	0	(0)	-100.00%	0	0.00%					0	(0)	-100.00%
New Ulm	16,977,067	321,158	1.89%	449,732	2.65%			46,080	0.27%	17,794,037	816,970	4.81%
North Branch	12,827,669	696,620	5.43%	396,092	3.09%					13,920,381	1,092,712	8.52%
North Mankato	11,618,747	No Updates	0.00%	376,357	3.24%					11,995,104	376,357	3.24%
North Saint Paul	7,606,997	513,118	6.75%	249,107	3.27%					8,369,222	762,225	10.02%
Northfield	10,101,826	490,751	4.86%	247,680	2.45%			44,237	0.44%	10,884,494	782,668	7.75%
Oak Grove	7,223,390	6,451,670	89.32%	394,334	5.46%					14,069,394	6,846,004	94.78%
Oakdale	9,305,009	(1,396,292)	-15.01%	250,455	2.69%					8,159,172	(1,145,837)	-12.31%
Orono	13,255,123	No Updates	0.00%	369,484	2.79%			2,007	0.02%	13,626,614	371,491	2.80%
Otsego	11,154,392	2,095,083	18.78%	397,678	3.57%					13,647,153	2,492,761	22.35%
Owatonna	16,845,552	638,434	3.79%	452,521	2.69%			82,800	0.49%	18,019,307	1,173,755	6.97%
Plymouth	46,619,670	(1,066,901)	-2.29%	1,383,405	2.97%					46,936,174	316,504	0.68%
Prior Lake	12,553,422	1,565,644	12.47%	431,299	3.44%					14,550,365	1,996,943	15.91%
Ramsey	18,849,982	(1,183,070)	-6.28%	515,854	2.74%					18,182,766	(667,216)	-3.54%
Red Wing	21,481,003	(243,311)	-1.13%	604,742	2.82%					21,842,434	361,431	1.68%
Redwood Falls	7,459,234	420,144	5.63%	251,338	3.37%					8,130,716	671,482	9.00%
Richfield	22,455,910	76,814	0.34%	659,501	2.94%					23,192,225	736,315	3.28%
Robbinsdale	7,652,929	1,565,135	20.45%	262,398	3.43%					9,480,462	1,827,533	23.88%
Rochester	53,544,084	1,831,037	3.42%	1,613,543	3.01%	$259,315	0.48%	116,986	0.22%	57,364,965	3,820,881	7.14%
Rogers	0	(0)	-100.00%	0	0.00%					0	(0)	-100.00%
Rosemount	17,516,945	1,682,889	9.61%	541,762	3.09%					19,741,596	2,224,651	12.70%
Roseville	19,914,258	757,927	3.81%	612,469	3.08%					21,284,654	1,370,396	6.88%
Saint Anthony	5,554,609	173,973	3.13%	170,882	3.08%					5,899,464	344,855	6.21%
Saint Cloud	45,993,525	2,340,686	5.09%	1,444,734	3.14%			17,856	0.04%	49,796,801	3,803,276	8.27%
Saint Francis	11,427,198	(2,449,462)	-21.44%	259,417	2.27%					9,237,153	(2,190,045)	-19.17%
Saint Joseph	0	2,170,001	N/A	67,572	N/A					2,237,573	2,237,573	N/A
Saint Louis Park	28,067,573	1,323,176	4.71%	887,801	3.16%			50,016	0.18%	30,328,566	2,260,993	8.06%
Saint Michael	11,724,183	3,797,327	32.39%	428,467	3.65%					15,949,977	4,225,794	36.04%
Saint Paul	215,430,941	6,309,707	2.93%	5,643,948	2.62%			1,134,965	0.53%	228,519,561	13,088,620	6.08%
Saint Paul Park	5,575,064	(50,530)	-0.91%	173,563	3.11%					5,698,097	123,033	2.21%
Saint Peter	13,068,495	1,124,353	8.60%	435,951	3.34%					14,628,799	1,560,304	11.94%
Sartell	9,763,852	2,095,637	21.46%	352,193	3.61%			3,643	0.04%	12,215,325	2,451,473	25.11%
Sauk Rapids	8,077,592	6,052,364	74.93%	295,985	3.66%			120,120	1.49%	14,546,061	6,468,469	80.08%
Savage	16,230,767	(61,287)	-0.38%	449,143	2.77%			40,320	0.25%	16,658,943	428,176	2.64%

Municipality	2002 Unadjusted Construction Needs	Effect of Normal Update	Percent change	Effect of Roadway Update	Percent change	Effect of Traffic Unit Price Update	Percent Change	Effect of Structure and Railroad Update	Percent Change	2003 Unadjusted Construction Needs	Net Change	Percent of change 2002 to 2003
Shakopee	$17,393,577	($1,866,923)	-10.73%	$445,261	2.56%					$15,971,915	($1,421,662)	-8.17%
Shoreview	8,232,217	394,693	4.79%	265,903	3.23%					8,892,813	660,596	8.02%
Shorewood	7,768,901	No Updates	0.00%	217,461	2.80%					7,986,362	217,461	2.80%
South Saint Paul	12,259,685	No Updates	0.00%	407,269	3.32%					12,666,954	407,269	3.32%
Spring Lake Park	2,633,344	No Updates	0.00%	90,249	3.43%					2,723,593	90,249	3.43%
Stewartville	4,075,858	No Updates	0.00%	130,530	3.20%					4,206,388	130,530	3.20%
Stillwater	10,362,173	831,992	8.03%	352,857	3.41%					11,547,022	1,184,849	11.43%
Thief River Falls	17,648,328	(214,156)	-1.21%	443,267	2.51%			$45,533	0.26%	17,922,972	274,644	1.56%
Vadnais Heights	5,464,397	74,880	1.37%	173,595	3.18%					5,712,872	248,475	4.55%
Virginia	13,468,989	271,961	2.02%	366,756	2.72%					14,107,706	638,717	4.74%
Waconia	4,270,017	19	0.00%	139,287	3.26%					4,409,323	139,306	3.26%
Waite Park	4,189,891	280,948	6.71%	121,526	2.90%					4,592,365	402,474	9.61%
Waseca	6,033,123	52,115	0.86%	175,354	2.91%					6,260,592	227,469	3.77%
West Saint Paul	8,572,164	278,928	3.25%	277,530	3.24%					9,128,622	556,458	6.49%
White Bear Lake	12,622,065	494,138	3.91%	409,009	3.24%					13,525,212	903,147	7.16%
Willmar	17,963,878	1,259,892	7.01%	571,307	3.18%	$36,840	0.21%			19,831,917	1,868,039	10.40%
Winona	17,378,320	(212,823)	-1.22%	547,894	3.15%					17,713,391	335,071	1.93%
Woodbury	42,327,066	(2,138,293)	-5.05%	1,238,855	2.93%					41,427,628	(899,438)	-2.12%
Worthington	11,042,344	(114,409)	-1.04%	261,288	2.37%	(5,147)	-0.05%	92,568	0.84%	11,276,644	234,300	2.12%
STATE TOTAL	$2,677,069,498	$62,180,089	2.32%	$78,291,996	2.92%	$394,550	0.01%	$4,817,366	0.18%	$2,822,753,499	$145,684,001	5.44%

MILEAGE, NEEDS AND APPORTIONMENT

The amount to be allocated in 2004 is unknown at this time so an estimated amount of $108,992,464 is used in this report. This is the amount that was allocated for the 2003 apportionment. The actual amount will be announced in January 2004 when the Commissioner of Transportation makes a determination of the 2004 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 16 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 increase 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 growing number of cities over 5,000 population.

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M.S.A.S. Mileage, Needs and Apportionment 1958 to 2003

Appt. Year	Number of of Munici-palities	Needs Mileage	Actual 25 Year Construc-tion Needs	Total Apportion-ment	Adjusted 25 Year Construc-tion Needs	Total Apportion-ment Per Needs Mileage	Apportion-ment Per $1000 of Adjusted Needs
1958	58	920.40	$190,373,337	$7,286,074	$190,373,337	$7,916.20	$19.1363
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
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	134	3112.49	2,828,843,694	108,992,464	2,810,849,913	35,017.77	19.3209

* Excluded Ely, Luverne, Pipestone, St. Paul Park which dropped below 5,000 population but received a reduced allocation per legislative action.

** Excluded Redwood Falls and Eveleth. Added Redwood Falls back in 1997 apportionment and St. Paul Park in 1998.

MSAS NEEDS MILEAGE COMPARISON

Mileage does not include New Prague and Rogers.

N:\MSAS\EXCEL\2003\OCTOBER BOOK\NEEDS MILEAGE 2003 FINAL.XLS

CITY	2002 MSAS NEEDS MILEAGE	2003 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Albert Lea	18.74	18.74	
Alexandria	15.73	15.90	0.17
Andover	36.72	36.72	
Anoka	12.64	12.64	
Apple Valley	35.04	35.54	0.50
Arden Hills	7.41	7.42	0.01
Austin	27.70	27.70	
Baxter	12.77	12.77	
Bemidji	16.24	16.25	0.01
Big Lake	6.37	6.37	
Blaine	40.30	40.52	0.22
Bloomington	75.06	75.02	(0.04)
Brainerd	16.19	16.12	(0.07)
Brooklyn Center	21.56	21.56	
Brooklyn Park	48.08	48.08	
Buffalo	13.87	14.17	0.30
Burnsville	44.05	44.05	
Cambridge	11.07	11.07	
Champlin	17.01	17.01	
Chanhassen	22.27	22.27	
Chaska	15.13	15.13	
Chisholm	7.99	7.99	
Cloquet	20.14	20.14	
Columbia Heights	12.53	12.53	
Coon Rapids	41.82	41.82	
Corcoran	14.80	14.80	
Cottage Grove	31.43	31.44	0.01
Crookston	11.64	11.71	0.07
Crystal	17.88	17.88	
Dayton	9.28	9.28	
Detroit Lakes	12.41	13.33	0.92
Duluth	112.18	112.18	
Eagan	43.94	46.15	2.21
East Bethel	26.90	26.91	0.01
East Grand Forks	15.19	15.19	
Eden Prairie	42.66	45.40	2.74
Edina	40.27	40.27	
Elk River	30.42	30.42	
Fairmont	19.49	19.49	
Falcon Heights	2.54	2.54	
Faribault	22.45	22.80	0.35
Farmington	13.85	13.85	
Fergus Falls	24.32	24.32	
Forest Lake	20.59	22.35	1.76
Fridley	24.81	24.81	

CITY	2002 MSAS NEEDS MILEAGE	2003 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Glencoe	6.98	6.98	
Golden Valley	23.57	23.57	
Grand Rapids	11.40	11.47	0.07
Ham Lake	26.51	26.51	
Hastings	19.27	19.27	
Hermantown	14.15	14.08	(0.07)
Hibbing	51.31	51.31	
Hopkins	9.32	9.32	
Hugo	16.79	16.79	
Hutchinson	16.65	16.65	
International Falls	8.06	8.06	
Inver Grove Heights	23.86	23.86	
La Crescent	5.66	5.66	
Lake City	6.50	6.50	
Lake Elmo	11.42	11.42	
Lakeville	50.60	51.95	1.35
Lino Lakes	20.55	20.55	
Litchfield	8.58	8.58	
Little Canada	10.49	10.49	
Little Falls	15.98	15.98	
Mahtomedi	8.62	8.62	
Mankato	30.57	33.27	2.70
Maple Grove	48.62	49.10	0.48
Maplewood	31.71	31.71	
Marshall	15.48	15.48	
Mendota Heights	14.16	14.39	0.23
Minneapolis	203.35	203.00	(0.35)
Minnetonka	49.89	49.89	
Montevideo	8.25	8.25	
Monticello	9.04	9.04	
Moorhead	29.74	29.74	
Morris	8.11	8.11	
Mound	8.05	8.05	
Mounds View	11.26	12.51	1.25
New Brighton	14.92	14.92	
New Hope	12.70	12.70	
New Prague	0.00	0.00	
New Ulm	15.33	15.33	
North Branch	21.93	22.53	0.60
North Mankato	13.38	13.38	
North St. Paul	10.95	11.40	0.45
Northfield	12.06	12.36	0.30
Oak Grove	19.50	19.50	
Oakdale	18.39	18.39	
Orono	12.58	12.58	

CITY	2002 MSAS NEEDS MILEAGE	2003 MSAS NEEDS MILEAGE	DIFFERENCE IN MILEAGE
Otsego	15.93	16.37	0.44
Owatonna	17.56	18.19	0.63
Plymouth	54.72	54.72	
Prior Lake	15.78	17.58	1.80
Ramsey	29.56	29.32	(0.24)
Red Wing	23.82	23.82	
Redwood Falls	7.87	7.87	
Richfield	25.08	25.08	
Robbinsdale	10.10	9.51	(0.59)
Rochester	65.33	66.55	1.22
Rogers	0.00	0.00	
Rosemount	24.67	25.93	1.26
Roseville	28.70	28.70	
Saint Anthony	5.63	5.63	
Saint Cloud	58.15	60.26	2.11
Saint Francis	9.81	10.37	0.56
Saint Joseph	0.00	3.47	3.47
Saint Louis Park	31.19	31.19	
Saint Michael	17.60	18.88	1.28
Saint Paul	165.16	165.13	(0.03)
Saint Paul Park	4.96	4.92	(0.04)
Saint Peter	13.88	14.24	0.36
Sartell	13.33	14.28	0.95
Sauk Rapids	11.43	11.87	0.44
Savage	24.92	24.92	
Shakopee	23.61	24.53	0.92
Shoreview	18.57	18.57	
Shorewood	8.24	8.24	
South St. Paul	16.82	16.82	
Spring Lake Park	5.82	5.82	
Stewartville	3.99	3.99	
Stillwater	15.45	15.45	
Thief River Falls	14.92	15.06	0.14
Vadnais Heights	8.32	8.32	
Virginia	15.93	15.93	
Waconia	5.53	5.53	
Waite Park	6.48	6.12	(0.36)
Waseca	6.42	6.42	
West St. Paul	13.31	13.54	0.23
White Bear Lake	20.35	20.35	
Willmar	23.91	23.91	
Winona	21.75	21.77	0.02
Woodbury	44.96	46.03	1.07
Worthington	11.39	11.39	
TOTAL	3,080.67	3,112.49	31.82

2003 Itemized Tabulation of Needs

The 2003 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 2003 needs computation.

The 2003 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 cost per mile shown on this report does not include bridges and 20% of the engineering cost applied to the bridges because large bridges in some cities distort the average. The average is a more comparable cost for roadway construction cost per mile without bridges.

The overall average cost per mile is $906,912. Lake Elmo has the lowest cost per mile with $414,299 while Crookston has the highest cost with $1,634,010 per mile.

The five cities that exceed $1,200,000 per mile are listed alphabetically as follows: Crookston, Fairmont, Minneapolis, Saint Paul, Sauk Rapids. The five cities than are less than $500,000 per mile are: Corcoran, Lake Elmo, Oakdale, Shoreview, and Spring Lake Park.

Itemized Tabulation of Needs 2003.doc

NOTES and COMMENTS

2003 Item By Item Tabulation Of Needs

MUNICIPALITY	CITY NUMBER	GRADING	COMPLETE STORM SEWER	PARTIAL STORM SEWER	BASE	SURFACE	SHOULDER	CURB AND GUTTER	SIDEWALK	SIGNALS	LIGHTING	RETAINING WALLS	STRUCTURES	RAILROAD CROSSINGS	ENGINEERING	MAINTENANCE	TOTAL NEEDS	TOTAL MILEAGE	COST PER MILE	MUNICIPALITY
ALBERT LEA	101	$2,138,205	$221,343	$789,785	$3,666,496	$1,434,432	$16,844	$856,760	$1,119,599	$967,510	$982,400	$39,000	$642,530	$1,855,500	$2,946,081	$144,571	$17,821,056	18.74	$950,964	ALBERT LEA
ALEXANDRIA	102	1,072,734	990,894	348,994	2,583,719	1,293,382	4,007	627,816	1,063,338	966,580	682,400	179,550	0	0	1,962,684	122,581	11,898,679	15.90	748,345	ALEXANDRIA
ANDOVER	198	1,695,523	3,886,367	0	3,081,687	2,382,160	153,524	1,297,552	3,928,581	1,290,220	1,650,400	0	0	160,750	3,905,350	198,854	23,630,968	36.72	643,545	ANDOVER
ANOKA	103	1,168,801	1,912,306	66,160	1,989,309	1,108,746	0	726,536	1,039,256	575,360	689,600	13,000	0	0	1,857,811	94,476	11,241,361	12.64	889,348	ANOKA
APPLE VALLEY	186	2,955,414	2,066,726	1,173,513	7,928,467	3,342,234	0	1,762,120	3,000,776	2,646,470	1,872,000	15,000	0	0	5,352,542	307,063	32,422,325	35.54	912,277	APPLE VALLEY
ARDEN HILLS	187	432,118	970,305	18,194	1,135,042	552,141	0	252,256	429,440	328,910	342,400	78,590	0	232,750	954,427	47,391	5,773,964	7.42	778,162	ARDEN HILLS
AUSTIN	104	3,547,402	1,842,812	559,052	4,307,903	2,257,017	0	1,090,896	1,607,157	1,440,880	1,102,400	0	6,933,200	1,151,750	5,168,096	227,165	31,235,730	27.70	1,127,644	AUSTIN
BAXTER	230	511,560	1,438,728	100,894	1,386,555	1,010,228	0	623,096	543,438	626,200	443,200	0	0	0	1,336,783	83,749	8,104,431	12.77	634,646	BAXTER
BEMIDJI	105	754,320	342,312	264,640	1,561,804	1,367,999	0	476,672	750,365	883,500	488,000	0	686,140	497,500	1,614,649	131,500	9,819,401	16.25	604,271	BEMIDJI
BIG LAKE	232	441,063	975,454	31,426	1,157,527	454,956	0	344,648	536,296	197,470	311,200	0	0	42,750	898,559	34,700	5,426,049	6.37	851,813	BIG LAKE
BLAINE	106	1,500,411	4,179,776	222,463	3,995,619	2,917,689	15,852	1,534,128	2,550,914	2,200,070	1,692,800	0	0	0	4,161,944	264,213	25,235,879	40.52	622,801	BLAINE
BLOOMINGTON	107	7,936,750	8,302,937	2,106,369	16,777,799	7,248,637	0	5,740,184	7,496,564	6,220,770	4,762,400	1,237,995	392,840	1,268,750	13,898,404	761,562	84,151,961	75.02	1,121,727	BLOOMINGTON
BRAINERD	108	1,106,644	185,311	484,622	2,323,455	1,254,787	0	665,616	804,107	707,730	603,200	0	0	0	1,627,091	114,297	9,876,860	16.12	612,708	BRAINERD
BROOKLYN CENTER	109	1,309,196	715,503	697,988	2,921,073	1,745,300	0	869,504	1,154,357	1,705,620	946,400	60,867	0	0	2,425,163	186,856	14,737,827	21.56	683,573	BROOKLYN CENTER
BROOKLYN PARK	110	1,541,111	2,470,804	543,339	4,578,173	3,792,633	5,668	917,872	1,547,645	3,622,660	1,628,000	0	0	0	4,129,581	378,859	25,156,345	48.08	523,218	BROOKLYN PARK
BUFFALO	213	1,216,807	2,113,055	95,105	2,720,451	1,076,785	0	914,808	1,428,315	572,880	723,200	216,820	0	1,069,000	2,429,447	89,358	14,666,031	14.17	1,035,006	BUFFALO
BURNSVILLE	179	3,670,016	1,562,269	1,164,416	8,563,242	3,958,855	0	1,914,584	2,783,402	3,323,510	1,868,800	420,000	0	249,500	5,895,715	425,479	35,799,788	44.05	812,708	BURNSVILLE
CAMBRIDGE	218	594,792	947,144	73,603	1,180,028	713,589	4,690	380,872	546,496	339,140	384,800	0	699,720	0	1,172,974	62,889	7,100,737	11.07	641,440	CAMBRIDGE
CHAMPLIN	193	474,651	1,281,732	39,696	1,299,424	1,410,996	0	436,744	781,643	928,450	358,400	157,500	0	0	1,433,849	122,865	8,725,950	17.01	512,989	CHAMPLIN
CHANHASSEN	194	990,007	1,474,760	176,978	2,820,674	1,741,518	0	816,832	855,707	1,240,930	708,000	180,000	743,680	0	2,349,816	148,436	14,247,338	22.27	639,755	CHANHASSEN
CHASKA	196	995,198	1,328,056	133,147	2,252,645	1,171,738	20,408	551,104	1,092,197	713,000	652,800	88,000	0	170,250	1,833,704	107,523	11,109,770	15.13	734,288	CHASKA
CHISHOLM	111	971,005	620,277	156,303	1,398,721	549,568	0	359,056	590,678	241,180	344,000	37,500	124,673	0	1,078,587	49,868	6,521,416	7.99	816,197	CHISHOLM
CLOQUET	112	2,078,808	2,344,693	90,143	3,466,504	1,513,544	20,086	929,152	1,401,478	828,940	997,600	37,000	0	474,250	2,836,435	125,452	17,144,085	20.14	851,246	CLOQUET
COLUMBIA HEIGHTS	113	1,487,744	967,732	371,323	3,474,008	1,060,138	0	829,608	222,782	582,800	824,800	338,000	0	303,625	2,092,513	97,324	12,652,397	12.53	1,009,768	COLUMBIA HEIGHTS
COON RAPIDS	114	2,416,184	362,899	573,938	5,265,730	3,631,619	0	2,036,616	2,890,701	2,824,100	1,808,800	0	3,323,640	0	5,026,843	376,431	30,537,501	41.82	730,213	COON RAPIDS
CORCORAN	215	1,417,585	275,391	0	1,752,458	696,570	127,503	90,400	147,510	458,800	835,200	26,750	0	0	1,165,633	68,976	7,062,776	14.80	477,215	CORCORAN
COTTAGE GROVE	180	2,325,301	3,165,717	426,732	6,452,468	2,667,550	45,949	1,618,504	2,661,975	2,027,400	1,474,400	190,000	1,060,200	0	4,823,238	239,717	29,179,151	31.44	928,090	COTTAGE GROVE
CROOKSTON	115	1,035,790	671,750	309,298	2,351,223	931,736	0	556,280	1,005,984	454,150	528,000	0	8,026,760	1,750	3,174,545	86,990	19,134,256	11.71	1,634,010	CROOKSTON
CRYSTAL	116	1,192,894	1,485,057	310,125	2,903,893	1,378,539	0	921,072	1,688,410	721,060	868,000	48,100	0	140,750	2,331,579	109,017	14,098,496	17.88	788,506	CRYSTAL
DAYTON	229	894,064	782,421	22,329	1,495,863	532,890	57,258	279,624	215,073	287,680	554,400	140,000	0	164,750	1,085,269	43,600	6,555,221	9.28	706,382	DAYTON
DETROIT LAKES	117	839,044	1,320,337	118,261	1,941,240	1,056,697	657	593,032	579,303	537,850	615,200	0	0	330,250	1,586,374	93,473	9,611,718	13.33	721,059	DETROIT LAKES
DULUTH	118	15,164,729	5,376,576	2,817,589	28,477,587	7,841,388	459,970	5,057,304	5,769,739	5,813,740	6,320,000	179,000	8,818,820	654,500	18,550,170	799,057	112,100,169	112.18	999,288	DULUTH
EAGAN	195	1,665,003	576,519	1,098,256	5,210,236	3,819,789	0	476,560	1,851,833	3,241,980	1,248,000	12,000	0	264,750	3,892,982	396,362	23,754,270	46.15	514,719	EAGAN
EAST BETHEL	203	2,807,788	3,170,864	0	3,482,618	2,421,596	0	1,977,576	2,005,825	861,800	965,600	109,139	0	0	3,560,558	126,663	21,490,027	26.91	798,589	EAST BETHEL
EAST GRAND FORKS	119	1,639,402	1,006,339	76,911	2,998,579	1,240,279	25,969	576,912	196,156	782,130	668,000	0	1,487,500	162,500	2,172,134	105,873	13,138,684	15.19	864,956	EAST GRAND FORKS
EDEN PRAIRIE	181	3,287,820	3,574,941	1,359,588	9,311,531	4,169,159	0	3,037,408	2,818,953	3,739,220	2,141,600	437,800	1,283,400	160,750	7,064,436	341,183	42,727,789	45.40	941,141	EDEN PRAIRIE
EDINA	120	3,463,981	2,040,987	858,426	7,419,339	3,185,343	0	1,980,944	1,667,856	2,905,630	2,188,000	150,600	297,630	36,750	5,239,101	307,710	31,742,297	40.27	788,237	EDINA
ELK RIVER	204	1,164,141	3,600,679	75,257	3,393,698	2,410,002	36,743	1,315,752	3,140,384	1,623,470	1,186,400	38,390	0	561,250	3,709,233	194,619	22,450,018	30.42	738,002	ELK RIVER
FAIRMONT	123	3,404,503	3,384,488	67,814	5,352,137	1,664,111	0	1,163,960	1,925,463	1,110,420	1,117,600	56,498	140,000	687,000	4,014,798	154,402	24,243,194	19.49	1,243,879	FAIRMONT
FALCON HEIGHTS	124	199,259	141,557	46,312	384,323	172,050	0	107,784	322,491	98,580	123,200	36,000	0	0	326,309	15,164	1,973,029	2.54	776,783	FALCON HEIGHTS
FARIBAULT	125	2,361,357	1,657,498	358,918	5,120,317	1,918,869	0	1,249,080	2,446,349	1,297,660	1,166,400	10,000	1,991,960	929,250	4,101,530	180,709	24,789,897	22.80	1,087,276	FARIBAULT
FARMINGTON	212	1,783,400	2,416,754	7,443	3,731,401	1,090,053	112,547	746,840	995,864	534,130	969,600	105,000	180,320	292,750	2,593,220	75,175	15,634,497	13.85	1,128,845	FARMINGTON
FERGUS FALLS	126	1,923,072	1,292,025	444,099	4,307,407	1,678,526	45,507	934,704	863,513	1,045,630	1,161,600	10,500	1,559,180	1,859,000	3,424,955	152,712	20,702,430	24.32	851,251	FERGUS FALLS
FOREST LAKE	214	1,863,946	5,096,030	53,755	5,897,876	1,502,880	0	478,848	269,430	801,350	1,612,000	0	0	0	3,515,222	120,352	21,211,689	22.35	949,069	FOREST LAKE
FRIDLEY	127	1,104,929	617,700	771,591	2,863,467	1,942,336	0	478,952	0	1,196,290	1,187,200	0	0	120,750	2,056,642	189,263	12,529,120	24.81	505,003	FRIDLEY
GLENCOE	226	597,631	903,389	126,531	1,552,318	560,170	0	347,096	432,288	259,470	414,400	0	0	160,750	1,070,809	48,146	6,472,998	6.98	927,364	GLENCOE
GOLDEN VALLEY	128	1,791,290	1,335,781	598,748	4,087,844	1,804,448	0	956,080	845,025	1,268,830	1,043,200	10,000	883,500	654,875	3,055,926	178,836	18,514,383	23.57	785,506	GOLDEN VALLEY
GRAND RAPIDS	129	975,625	1,358,940	200,961	2,214,463	991,349	0	656,528	1,109,941	566,060	647,200	60,000	0	542,250	1,864,660	92,054	11,280,031	11.47	983,438	GRAND RAPIDS
HAM LAKE	197	5,723,050	3,196,605	49,620	2,122,712	1,537,166	50,398	1,101,984	1,557,846	838,860	1,239,200	32,310	0	0	3,489,947	129,704	21,069,402	26.51	794,772	HAM LAKE
HASTINGS	130	1,183,059	725,800	15,713	2,513,567	1,563,051	0	750,960	1,155,973	1,012,150	675,200	19,000	0	0	1,922,892	139,132	11,676,497	19.27	605,942	HASTINGS
HERMANTOWN	202	968,592	2,385,867	0	2,480,280	1,103,414	12,463	781,592	856,364	620,620	484,000	0	0	0	1,938,640	82,530	11,714,362	14.08	831,986	HERMANTOWN
HIBBING	131	5,817,153	3,073,067	459,812	10,056,863	3,251,245	210,097	1,564,488	1,933,263	1,956,720	2,864,000	0	27,360	1,542,750	6,551,363	315,697	39,623,878	51.31	772,245	HIBBING
HOPKINS	132	1,118,971	903,389	280,353	2,243,659	772,520	0	557,512	880,909	634,570	552,000	0	0	46,500	1,598,079	76,919	9,665,381	9.32	1,037,058	HOPKINS
HUGO	224	2,317,149	630,570	0	2,198,943	854,360	119,758	365,432	492,396	520,490	934,400	0	0	0	1,686,700	82,487	10,202,685	16.79	607,664	HUGO
HUTCHINSON	133	1,469,834	1,178,779	413,500	2,785,150	1,394,101	0	829,256	1,115,789	738,420	796,800	28,850	535,500	708,250	2,398,850	124,084	14,517,163	16.65	871,902	HUTCHINSON
INTERNATIONAL FALLS	134	856,741	138,983	305,163	1,875,992	661,912	0	429,072	699,954	285,510	406,400	0	0	0	1,131,942	54,176	6,845,845	8.06	849,360	INTERNATIONAL FALLS
INVER GROVE HEIGHTS	178	2,047,879	2,401,309	379,593	5,786,483	2,021,665	4,382	1,253,880	1,208,749	1,578,520	1,451,200	40,000	0	0	3,634,735	189,821	21,998,216	23.86	921,970	INVER GROVE HEIGHTS
LA CRESCENT	236	571,863	136,409	95,932	1,907,014	439,084	0	470,600	575,919	175,460	445,600	6,500	0	0	964,879	40,825	5,830,085	5.66	1,030,050	LA CRESCENT
LAKE CITY	234	547,575	432,390	215,020	1,011,420	518,413	0	441,584	723,591	221,340	420,000	0	0	248,750	956,019	47,038	5,783,140	6.50	889,714	LAKE CITY
LAKE ELMO	206	349,101	694,913	37,215	908,049	626,727	65,164	265,752	256,620	354,020	292,800	46,000	0	0	779,271	55,657	4,731,289	11.42	414,299	LAKE ELMO
LAKEVILLE	188	3,661,450	6,457,546	500,335	10,242,215	4,369,946	39,744	2,342,816	3,065,818	2,750,320	2,596,000	0	0	527,000	7,310,641	340,797	44,204,628	51.95	850,907	LAKEVILLE
LINO LAKES	210	1,449,772	3,242,928	0	4,399,747	1,496,587	9,862	1,195,264	1,785,159	628,370	1,275,200	0	0	0	3,096,579	104,054	18,683,522	20.55	909,174	LINO LAKES
LITCHFIELD	135	836,113	1,456,745	47,139	1,867,990	676,234	0	525,480	902,482	265,980	500,800	0	0	0	1,415,788	56,300	8,551,051	8.58	996,626	LITCHFIELD
LITTLE CANADA	200	856,664	1,096,418	324,184	2,303,521	749,239	0	690,504	1,300,548	511,500	654,400	78,250	1,004,400	110,250	1,935,976	66,989	11,682,843	10.49	1,113,712	LITTLE CANADA
LITTLE FALLS	136	1,345,604	2,097,610	224,117	3,260,272	1,348,903	0	969,160	1,873,414	721,990	937,600	35,000	0	204,750	2,603,689	119,004	15,741,113	15.98	985,051	LITTLE FALLS
MAHTOMEDI	219	378,886	774,699	52,101	946,995	522,939	43,282	316,960	553,996	342,860	320,800	15,000	0	0	853,705	48,165	5,170,388	8.62	599,813	MAHTOMEDI
MANKATO	137	3,339,644	1,636,905	708,739	6,464,222	2,923,300	0	1,529,576	2,515,652	2,668,790	1,413,600	0	100,800	88,750	4,677,990	306,770	28,374,738	33.27	852,863	MANKATO
MAPLE GROVE	189	4,083,970	4,913,291	325,011	12,770,254	4,910,493	0	2,424,576	3,568,730	3,806,490	2,092,000	71,700	0	640,250	7,921,352	347,407	47,875,524	49.10	975,062	MAPLE GROVE
MAPLEWOOD	138	3,214,673	3,814,302	693,853	7,391,750	2,724,745	22,592	2,174,448	3,198,313	1,768,550	1,923,200	0	0	0	5,385,285	224,894	32,536,605	31.71	1,026,068	MAPLEWOOD

MUNICIPALITY	CITY NUMBER	GRADING	COMPLETE STORM SEWER	PARTIAL STORM SEWER	BASE	SURFACE	SHOULDER	CURB AND GUTTER	SIDEWALK	SIGNALS	LIGHTING	RETAINING WALLS	STRUCTURES	RAILROAD CROSSINGS	ENGINEERING	MAINTENANCE	TOTAL NEEDS	TOTAL MILEAGE	COST PER MILE	MUNICIPALITY
MARSHALL	139	1,466,276	1,384,681	431,694	3,876,569	1,318,461	0	1,051,376	1,192,581	679,520	848,800	0	313,600	204,750	2,553,663	132,338	15,454,309	15.48	998,340	MARSHALL
MENDOTA HEIGHTS	140	531,228	1,034,647	220,809	1,934,506	1,132,306	0	405,440	559,043	589,000	533,600	43,830	0	160,750	1,429,031	101,464	8,675,654	14.39	602,895	MENDOTA HEIGHTS
MINNEAPOLIS	141	46,379,310	9,010,723	10,267,205	51,972,158	17,134,661	0	13,409,744	21,728,070	15,685,070	12,693,600	5,108,452	35,422,477	7,996,250	49,361,547	1,891,586	298,060,853	203.00	1,468,280	MINNEAPOLIS
MINNETONKA	142	3,227,115	3,950,711	683,929	9,219,221	3,922,213	0	2,418,208	3,900,285	2,778,840	2,284,800	90,000	0	449,500	6,584,968	330,545	39,840,335	49.89	798,564	MINNETONKA
MONTEVIDEO	143	499,241	401,508	136,455	1,162,132	617,675	0	340,608	556,721	301,010	332,000	0	0	0	869,472	58,648	5,275,470	8.25	639,451	MONTEVIDEO
MONTICELLO	222	701,172	1,243,124	40,523	1,516,127	714,519	0	497,192	539,891	341,930	496,000	0	0	0	1,218,094	63,548	7,372,120	9.04	815,500	MONTICELLO
MOORHEAD	144	4,052,909	615,128	956,839	7,519,534	2,551,672	0	1,631,512	2,016,629	1,884,800	1,484,000	0	3,524,640	710,625	5,389,657	282,426	32,620,371	29.74	1,096,852	MOORHEAD
MORRIS	190	604,049	715,505	57,890	1,421,341	628,339	0	331,952	333,397	251,410	315,200	0	0	0	931,816	57,554	5,648,453	8.11	696,480	MORRIS
MOUND	145	899,879	687,193	376,285	2,113,378	603,911	0	648,104	718,731	292,330	614,400	122,500	0	124,250	1,440,190	48,455	8,689,606	8.05	1,079,454	MOUND
MOUNDS VIEW	146	636,469	1,436,155	138,109	1,687,519	866,512	0	657,200	1,065,216	440,200	622,400	0	0	0	1,509,952	80,049	9,139,781	12.51	730,598	MOUNDS VIEW
NEW BRIGHTON	147	904,405	718,078	173,670	2,359,888	1,072,166	18,345	588,704	40,680	652,550	713,600	20,000	0	806,250	1,613,664	100,099	9,782,099	14.92	655,637	NEW BRIGHTON
NEW HOPE	182	1,261,409	15,443	727,760	2,831,659	1,096,532	0	718,856	1,251,428	839,790	708,800	94,500	1,171,800	418,625	2,227,319	106,337	13,470,258	12.70	1,060,650	NEW HOPE
NEW PRAGUE	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	NEW PRAGUE
NEW ULM	148	1,682,855	792,716	550,782	3,497,832	1,293,444	0	915,728	1,487,797	672,390	867,200	40,000	1,190,400	1,734,500	2,945,127	123,266	17,794,037	15.33	1,160,733	NEW ULM
NORTH BRANCH	225	2,035,785	939,419	28,945	3,574,719	1,150,217	244,914	317,992	718,821	699,670	1,553,600	0	110,230	133,750	2,301,614	110,705	13,920,381	22.53	617,860	NORTH BRANCH
NORTH MANKATO	150	1,312,474	586,815	377,112	3,154,211	1,252,369	0	664,720	994,222	878,230	547,200	130,000	0	0	1,979,473	118,278	11,995,104	13.38	896,495	NORTH MANKATO
NORTH ST PAUL	151	899,570	658,882	352,302	2,277,208	888,646	0	615,592	99,195	510,260	596,800	10,000	0	0	1,381,689	79,078	8,369,222	11.40	734,142	NORTH ST PAUL
NORTHFIELD	149	857,070	496,735	241,484	1,916,717	917,724	0	452,336	658,245	518,010	518,400	2,000	1,290,240	1,125,000	1,798,788	91,745	10,884,494	12.36	880,622	NORTHFIELD
OAK GROVE	223	1,248,209	2,118,197	0	3,160,500	1,565,779	62,993	1,063,592	1,136,016	604,500	678,400	10,000	0	0	2,329,636	91,572	14,069,394	19.50	721,507	OAK GROVE
OAKDALE	185	486,808	823,601	81,046	1,285,626	1,369,363	13,145	332,936	793,058	1,174,590	320,000	13,520	0	0	1,338,742	126,737	8,159,172	18.39	443,674	OAKDALE
ORONO	152	1,170,110	2,360,130	0	2,875,319	855,135	49,621	767,488	1,253,565	454,150	871,200	354,000	58,520	233,500	2,260,547	63,329	13,626,614	12.58	1,083,197	ORONO
OTSEGO	217	909,851	2,632,947	0	2,931,258	1,290,530	9,996	863,112	1,353,275	530,100	773,600	0	0	0	2,258,934	93,550	13,647,153	16.37	833,668	OTSEGO
OWATONNA	153	1,988,234	1,230,258	192,691	3,301,282	1,448,909	0	762,448	1,411,585	778,100	879,200	0	2,139,000	767,750	2,979,894	139,956	18,019,307	18.19	990,616	OWATONNA
PLYMOUTH	155	4,103,347	4,985,358	963,455	12,439,416	4,728,461	0	1,970,632	2,073,906	4,000,240	2,788,800	102,250	61,570	539,750	7,751,438	427,551	46,936,174	54.72	857,752	PLYMOUTH
PRIOR LAKE	201	1,125,833	2,306,083	80,219	3,289,613	1,260,274	6,526	1,086,400	1,301,414	597,990	974,400	10,000	0	0	2,407,748	103,865	14,550,365	17.58	827,666	PRIOR LAKE
RAMSEY	199	1,247,173	3,242,930	57,063	2,946,731	2,125,701	82,250	1,151,192	1,725,778	1,108,870	1,324,800	0	0	0	3,002,494	167,784	18,182,766	29.32	620,149	RAMSEY
RED WING	156	2,646,434	2,715,310	329,146	4,658,267	1,881,204	18,264	1,234,168	1,116,586	1,302,310	1,284,800	771,300	0	106,500	3,612,854	165,291	21,842,434	23.82	916,979	RED WING
REDWOOD FALLS	207	758,110	859,635	228,252	1,974,856	593,929	0	541,416	1,024,093	243,970	512,800	0	0	0	1,347,412	46,243	8,130,716	7.87	1,033,128	REDWOOD FALLS
RICHFIELD	157	4,003,173	1,732,137	873,312	3,990,505	2,128,863	0	1,318,928	1,138,725	1,535,120	1,652,000	0	0	769,750	3,828,503	221,209	23,192,225	25.08	924,730	RICHFIELD
ROBBINSDALE	158	929,234	725,800	163,746	2,092,145	854,143	0	565,888	616,389	586,520	472,800	520,000	0	310,875	1,567,507	75,415	9,480,462	9.51	996,894	ROBBINSDALE
ROCHESTER	159	5,806,591	2,020,399	1,550,625	13,779,144	5,735,248	51,254	2,457,392	2,819,938	5,270,620	3,022,400	0	3,412,080	1,398,750	9,464,893	575,631	57,364,965	66.55	861,983	ROCHESTER
ROGERS	138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	ROGERS
ROSEMOUNT	208	1,416,722	3,670,169	0	3,965,999	2,122,539	0	1,043,280	1,442,974	945,500	1,144,000	35,000	0	529,750	3,263,187	162,476	19,741,596	25.93	761,342	ROSEMOUNT
ROSEVILLE	160	1,584,394	1,433,583	759,186	4,745,805	2,090,299	0	1,055,488	2,098,725	1,142,040	1,307,200	761,540	0	603,750	3,516,397	186,247	21,284,654	28.70	741,626	ROSEVILLE
ST ANTHONY	161	754,293	324,294	229,079	1,264,012	434,806	0	340,424	526,028	340,070	322,400	344,000	0	0	975,882	44,176	5,899,464	5.63	1,047,862	ST ANTHONY
ST CLOUD	162	4,034,041	4,879,834	1,084,197	9,928,942	5,189,214	7,048	2,950,384	3,749,271	4,776,480	2,531,200	0	520,800	1,446,125	8,219,501	479,764	49,796,801	60.26	826,366	ST CLOUD
ST FRANCIS	235	838,156	1,554,547	43,004	2,054,222	738,482	0	575,272	938,757	379,440	534,400	0	0	0	1,531,257	49,616	9,237,153	10.37	890,757	ST FRANCIS
ST JOSEPH	233	157,923	308,851	31,426	462,394	283,371	0	152,888	211,033	110,670	126,400	0	0	0	368,992	23,625	2,237,573	3.47	644,834	ST JOSEPH
ST LOUIS PARK	163	3,556,939	684,619	1,357,107	6,855,701	2,689,715	0	1,949,104	2,007,341	2,271,060	1,770,400	256,875	1,322,000	303,000	5,004,766	299,939	30,328,566	31.19	972,381	ST LOUIS PARK
ST MICHAEL	227	2,904,675	1,956,051	0	3,551,887	1,060,769	92,407	752,592	929,263	598,920	1,348,800	20,000	0	0	2,643,072	91,541	15,949,977	18.88	844,808	ST MICHAEL
ST PAUL	164	32,249,463	1,876,269	9,736,271	42,109,605	13,404,462	0	11,181,312	15,059,983	11,705,290	10,044,000	4,290,862	31,482,040	6,123,000	37,852,507	1,404,497	228,519,561	165.13	1,383,877	ST PAUL
ST PAUL PARK	184	525,907	728,374	113,299	1,384,763	372,155	0	392,664	630,977	176,700	393,600	0	0	0	943,688	35,970	5,698,097	4.92	1,158,150	ST PAUL PARK
ST PETER	165	1,373,369	2,293,213	152,168	3,342,889	1,175,303	0	883,400	1,484,013	543,120	860,000	0	0	0	2,421,496	99,828	14,628,799	14.24	1,027,303	ST PETER
SARTELL	220	803,223	2,270,049	38,869	2,267,438	1,173,970	0	784,832	1,279,465	646,970	711,200	20,000	106,260	0	2,020,454	92,595	12,215,325	14.28	855,415	SARTELL
SAUK RAPIDS	191	1,079,329	1,052,664	179,459	2,377,384	1,024,891	0	734,616	437,151	593,650	633,600	40,000	3,503,500	381,500	2,407,549	100,768	14,546,061	11.87	1,225,447	SAUK RAPIDS
SAVAGE	211	1,140,038	2,383,296	14,886	3,194,479	1,991,378	25,326	854,792	739,103	1,410,810	861,600	0	1,117,580	0	2,746,659	178,996	16,658,943	24.92	668,497	SAVAGE
SHAKOPEE	166	1,106,659	1,366,664	268,775	3,493,594	2,016,209	83,829	694,640	972,832	1,362,760	873,600	0	0	911,750	2,630,263	190,340	15,971,915	24.53	651,118	SHAKOPEE
SHOREVIEW	167	807,687	1,042,369	170,362	1,477,744	1,288,174	0	451,704	801,427	693,160	540,000	36,200	0	0	1,461,765	122,221	8,892,813	18.57	478,881	SHOREVIEW
SHOREWOOD	216	547,638	1,930,316	15,713	1,749,989	459,265	0	649,560	330,528	322,400	615,200	0	0	0	1,324,121	41,632	7,986,362	8.24	969,219	SHOREWOOD
SOUTH ST PAUL	168	1,632,094	301,131	334,108	3,556,194	1,362,605	0	617,616	958,857	834,520	844,000	6,000	0	0	2,089,422	130,407	12,666,954	16.82	753,089	SOUTH ST PAUL
SPRING LAKE PARK	183	190,424	0	102,548	472,411	399,900	0	121,640	395,836	356,810	191,200	4,500	0	0	447,054	41,270	2,723,593	5.82	467,971	SPRING LAKE PARK
STEWARTVILLE	228	441,864	458,129	71,122	1,054,306	323,454	0	271,112	488,921	123,690	250,400	0	0	0	696,599	26,791	4,206,388	3.99	1,054,233	STEWARTVILLE
STILLWATER	169	1,189,222	730,948	309,298	2,820,592	1,208,194	0	541,584	977,607	854,980	699,200	198,791	0	0	1,906,084	110,522	11,547,022	15.45	747,380	STILLWATER
THIEF RIVER FALLS	170	1,603,284	2,004,960	119,915	4,013,121	1,244,154	0	876,888	817,741	730,670	870,400	0	1,328,040	1,228,500	2,967,539	117,760	17,922,972	15.06	1,190,104	THIEF RIVER FALLS
VADNAIS HEIGHTS	209	462,666	594,537	92,624	1,362,844	586,117	0	257,640	613,046	322,400	425,600	0	0	0	943,494	51,904	5,712,872	8.32	686,643	VADNAIS HEIGHTS
VIRGINIA	171	2,429,203	676,899	292,758	3,315,079	978,794	68,433	547,496	998,333	649,450	779,200	0	0	943,500	2,335,831	92,730	14,107,706	15.93	885,606	VIRGINIA
WACONIA	231	539,527	23,164	317,568	1,194,749	446,586	0	332,016	277,748	199,950	314,400	0	0	0	729,141	34,474	4,409,323	5.53	797,346	WACONIA
WAITE PARK	221	414,002	507,030	38,042	744,106	560,790	0	139,280	268,372	496,000	188,000	20,000	0	409,500	757,025	50,218	4,592,365	6.12	750,386	WAITE PARK
WASECA	172	1,079,097	612,557	26,464	1,158,150	512,027	0	323,440	503,824	233,740	312,000	5,000	0	410,000	1,035,258	49,035	6,260,592	6.42	975,170	WASECA
WEST ST PAUL	173	870,035	823,602	189,383	1,850,606	1,009,763	0	531,800	892,276	671,460	523,200	156,000	0	0	1,503,622	106,875	9,128,622	13.54	674,197	WEST ST PAUL
WHITE BEAR LAKE	174	1,209,403	1,093,847	395,306	3,047,802	1,506,538	0	890,880	1,018,691	948,600	820,000	0	0	224,750	2,231,161	138,234	13,525,212	20.35	664,630	WHITE BEAR LAKE
WILLMAR	175	1,783,487	2,187,688	224,117	4,284,046	2,113,456	14,740	980,440	1,593,520	1,330,210	1,012,800	0	0	823,750	3,269,655	214,008	19,831,917	23.91	829,440	WILLMAR
WINONA	176	2,123,380	898,239	339,897	3,713,274	1,928,355	62,457	1,135,840	1,412,123	1,675,550	1,163,200	0	0	156,750	2,921,811	182,515	17,713,391	21.77	813,661	WINONA
WOODBURY	192	3,327,138	5,731,747	210,885	8,635,105	4,078,112	79,235	2,533,976	3,818,044	3,509,200	2,078,400	249,250	0	0	6,850,216	326,320	41,427,628	46.03	900,014	WOODBURY
WORTHINGTON	177	1,626,461	100,377	249,754	2,321,506	887,375	0	591,096	5,758	490,110	631,200	0	2,422,700	0	1,865,263	85,044	11,276,644	11.39	990,048	WORTHINGTON
TOTAL		$308,222,827	$229,084,725	$63,347,373	$588,605,558	$248,793,193	$2,721,707	$149,457,720	$207,650,930	$177,658,210	$155,184,800	$18,977,579	$131,441,230	$51,805,000	$466,590,090	$23,212,557	$2,822,753,499	3,112.49	$906,912	TOTAL
Percent of Total Needs		10.92%	8.12%	2.24%	20.85%	8.81%	0.10%	5.29%	7.36%	6.29%	5.50%	0.67%	4.66%	1.84%	16.53%	0.82%	100.00%			

COMPARISON OF NEEDS BETWEEN 2002 AND 2003

Does NOT include the new cities of New Prague and Rogers

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Needs Year	Grading	Complete Storm Sewer	Storm Sewer Adjustment	Base Needs	Surface Needs	Total Shoulder Needs	Curb & Gutter Construction
2002	$288,380,322	$224,377,256	$61,421,952	$552,005,993	$238,710,698	$2,870,935	$139,611,634
2003	$308,222,827	$229,084,725	$63,347,373	$588,605,558	$248,793,193	$2,721,707	$149,457,720
Difference	$19,842,505	$4,707,469	$1,925,421	$36,599,565	$10,082,495	($149,228)	$9,846,086
%	6.88%	2.10%	3.13%	6.63%	4.22%	-5.20%	7.05%

Needs Year	Sidewalk Construction	Traffic Signal Construction	Street Lighting Construction	Retaining Walls	Total Bridge Needs	Railroad Crossing Needs	Engineering
2002	$194,188,193	$169,584,000	$138,307,260	$18,627,530	$120,618,730	$48,610,750	$441,953,598
2003	$207,650,930	$177,658,210	$155,184,800	$18,977,579	$131,441,230	$51,805,000	$466,590,090
Difference	$13,462,737	$8,074,210	$16,877,540	$350,049	$10,822,500	$3,194,250	$24,636,492
%	6.93%	4.76%	12.20%	1.88%	8.97%	6.57%	5.57%

Needs Year	Total Maintenance Needs	Total Money Needs	Total Mileage	After the fact Right of way Needs	After the fact Bridge Needs	Overall Apportionment Needs	Needs To Apport. Ratio
2002	$22,006,298	$2,661,275,149	3080.67	$76,927,844	$13,444,611	$2,751,647,604	23.6327
2003	$23,212,557	$2,822,753,499	3112.49	$72,534,008	$21,276,978	$2,916,564,485	26.7593
Difference	$1,206,259	$161,478,350	31.82	($4,393,836)	$7,832,367	$164,916,881	3.1267
%	5.48%	6.07%	1.03%	-5.71%	58.26%	5.99%	

TENTATIVE 2004 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 2004.

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 subtracting for the Unencumbered Construction Fund and adding or subtracting for Bond Accounts, adding Non-existing Bridge Adjustments and Right-of-Way "After the fact needs", and adding or subtracting Individual Adjustments. These adjustments to the actual needs are made as directed by the Screening Board.

The September 1, 2003 unencumbered construction fund balance was used as the adjustment in this report. The unencumbered balance as of December 31, 2003 will be used for the 2004 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 2004 Tentative Construction Needs Apportionment Determination.

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

2003 ADJUSTED CONSTRUCTION NEEDS

for January 2004 apportionment

The Needs for New Prague and Rogers are based upon the lowest Needs cost per mile of any other city

Cities that have a **bolded 0** in the Unencumbered Construction Fund Balance Adjustment column have a General Fund Advance

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		(-)	(-)	(+ or -)	(+)	(+)	(+ or -)		
Municipality	2003 Actual 25-Year Construction Needs	Unencumbered Construction Fund Balance Adjustment	Excess Balance Adjustment	Bond Account Adjustment	Non-Existing Bridge Adjustment	R/W Acquisition Adjustment	Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
Albert Lea	$17,821,056	($1,377,495)				$6,827		($1,370,668)	$16,450,388
Alexandria	11,898,679	(38,479)						(38,479)	11,860,200
Andover	23,630,968	(1,342,531)		$2,479,500		152,490		1,289,459	24,920,427
Anoka	11,241,361	(343,576)				192,181		(151,395)	11,089,966
Apple Valley	32,422,325	(1,748,390)		(29,446)		103,229		(1,674,607)	30,747,718
Arden Hills	5,773,964	(995,373)						(995,373)	4,778,591
Austin	31,235,730	(867,071)				301,895		(565,176)	30,670,554
Baxter	8,104,431	(307,253)						(307,253)	7,797,178
Bemidji	9,819,401	**0**				276,323		276,323	10,095,724
Big Lake	5,426,049	0						0	5,426,049
Blaine	25,235,879	0				570,263		570,263	25,806,142
Bloomington	84,151,961	(2,062,365)			$1,263,411	11,468,001		10,669,047	94,821,008
Brainerd	9,876,860	(1,901,302)	($1,901,302)			567,219		(3,235,385)	6,641,475
Brooklyn Center	14,737,827	(474,953)		1,361,500		2,539,911		3,426,458	18,164,285
Brooklyn Park	25,156,345	**0**				725,843		725,843	25,882,188
Buffalo	14,666,031	(566,168)						(566,168)	14,099,863
Burnsville	35,799,788	(322,093)				863,599		541,506	36,341,294
Cambridge	7,100,737	(55,608)		396,142				340,534	7,441,271
Champlin	8,725,950	(1,991,112)	(1,991,112)			133,275		(3,848,949)	4,877,001
Chanhassen	14,247,338	(2,591,264)	(2,591,264)			65,000		(5,117,528)	9,129,810
Chaska	11,109,770	(799,046)			408,699	9,901		(380,446)	10,729,324
Chisholm	6,521,416	(595,607)						(595,607)	5,925,809
Cloquet	17,144,085	(785,498)		85,000				(700,498)	16,443,587
Columbia Heights	12,652,397	**0**				105,830		105,830	12,758,227
Coon Rapids	30,537,501	**0**			1,050,431	924,120		1,974,551	32,512,052
Corcoran	7,062,776	(226,015)				25,058		(200,957)	6,861,819
Cottage Grove	29,179,151	(1,914,362)			51,603	458,865		(1,403,894)	27,775,257
Crookston	19,134,256	(1,275,858)	(1,275,858)					(2,551,716)	16,582,540
Crystal	14,098,496	(723,876)				928,605		204,729	14,303,225
Dayton	6,555,221	(430,877)				5,281		(425,596)	6,129,625
Detroit Lakes	9,611,718	(905,008)						(905,008)	8,706,710
Duluth	112,100,169	(1,787,338)				417,655		(1,369,683)	110,730,486
Eagan	23,754,270	0		497,500		416,954		914,454	24,668,724
East Bethel	21,490,027	(133,309)				25,200		(108,109)	21,381,918

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	(-) Excess Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
East Grand Forks	$13,138,684	($366,563)				$121,700		($244,863)	$12,893,821
Eden Prairie	42,727,789	(4,394,717)		($37,303)	$336,529			(4,095,491)	38,632,298
Edina	31,742,297	(1,346,008)			1,107,123	415,100		176,215	31,918,512
Elk River	22,450,018	0				300,052		300,052	22,750,070
Fairmont	24,243,194	0				73,163		73,163	24,316,357
Falcon Heights	1,973,029	(198,137)		(27,988)				(226,125)	1,746,904
Faribault	24,789,897	(330,544)				273,000		(57,544)	24,732,353
Farmington	15,634,497	(839,996)				83,865		(756,131)	14,878,366
Fergus Falls	20,702,430	(811,554)				94,773		(716,781)	19,985,649
Forest Lake	21,211,689	(70,237)				72,816		2,579	21,214,268
Fridley	12,529,120	(269,080)				95,081		(173,999)	12,355,121
Glencoe	6,472,998	(268,273)		773,500				505,227	6,978,225
Golden Valley	18,514,383	(666,268)						(666,268)	17,848,115
Grand Rapids	11,280,031	0				6,436		6,436	11,286,467
Ham Lake	21,069,402	(798,949)				230,161		(568,788)	20,500,614
Hastings	11,676,497	0						0	11,676,497
Hermantown	11,714,362	(848,633)				211,100		(637,533)	11,076,829
Hibbing	39,623,878	0				196,525		196,525	39,820,403
Hopkins	9,665,381	0				1,000		1,000	$9,666,381
Hugo	10,202,685	(561,539)				125,690		(435,849)	9,766,836
Hutchinson	14,517,163	(983,784)			829,686	341,250		187,152	14,704,315
International Falls	6,845,845	(185,795)						(185,795)	6,660,050
Inver Grove Heights	21,998,216	(1,433,918)				530,332		(903,586)	21,094,630
La Crescent	5,830,085	(188,421)						(188,421)	5,641,664
Lake City	5,783,140	(276,292)						(276,292)	5,506,848
Lake Elmo	4,731,289	(193,316)				87,245		(106,071)	4,625,218
Lakeville	44,204,628	0		4,941,000	959,382	2,964,176		8,864,558	53,069,186
Lino Lakes	18,683,522	(958,854)				51,552		(907,302)	17,776,220
Litchfield	8,551,051	(881,258)						(881,258)	7,669,793
Little Canada	11,682,843	(785,619)		($15,000)				(800,619)	10,882,224
Little Falls	15,741,113	(775,873)				412,999		(362,874)	15,378,239
Mahtomedi	5,170,388	(172,474)						(172,474)	4,997,914
Mankato	28,374,738	0				209,796		209,796	28,584,534
Maple Grove	47,875,524	0		855,000	6,492,546	3,023,409	$645,000	11,015,955	58,891,479
Maplewood	32,536,605	(34,978)						(34,978)	32,501,627
Marshall	15,454,309	(1,625,977)	($1,625,977)			14,443		(3,237,511)	12,216,798
Mendota Heights	8,675,654	(430,258)				8,970		(421,288)	8,254,366
Minneapolis	298,060,853	(11,373,124)			1,918,503	4,851,172		(4,603,449)	293,457,404
Minnetonka	39,840,335	(754,896)				2,094,013		1,339,117	41,179,452
Montevideo	5,275,470	(383,621)				17,121		(366,500)	4,908,970

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	(-) Excess Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
Monticello	$7,372,120	($892,120)				$149,510		($742,610)	$6,629,510
Moorhead	32,620,371	(1,989,926)			$1,149,085	484,589		(356,252)	32,264,119
Morris	5,648,453	0				10,500		10,500	5,658,953
Mound	8,689,606	(1,175,350)	($1,175,350)			1,309,579		(1,041,121)	7,648,485
Mounds View	9,139,781	(260,587)						(260,587)	8,879,194
New Brighton	9,782,099	0						0	9,782,099
New Hope	13,470,258	(474,963)				183,000		(291,963)	13,178,295
New Prague	2,237,215	0						0	2,237,215
New Ulm	17,794,037	(1,612,477)	(1,612,477)					(3,224,954)	14,569,083
North Branch	13,920,381	(40,000)		$288,000				248,000	14,168,381
North Mankato	11,995,104	(114,399)		1,330,000				1,215,601	13,210,705
North St. Paul	8,369,222	(598,115)				91,135		(506,980)	7,862,242
Northfield	10,884,494	(532,690)						(532,690)	10,351,804
Oak Grove	14,069,394	(238,089)				129,294		(108,795)	13,960,599
Oakdale	8,159,172	0		96,024		664,083		760,107	8,919,279
Orono	13,626,614	(988,883)				41,351		(947,532)	12,679,082
Otsego	13,647,153	(696,020)				162,734		(533,286)	13,113,867
Owatonna	18,019,307	0				3,766		3,766	18,023,073
Plymouth	46,936,174	(394,013)			3,688,317	202,411		3,496,715	50,432,889
Prior Lake	14,550,365	(2,009,414)	(2,009,414)			281,658		(3,737,170)	10,813,195
Ramsey	18,182,766	(1,957,091)	(1,957,091)		357,631	98,548		(3,458,003)	14,724,763
Red Wing	21,842,434	0				457,717		457,717	22,300,151
Redwood Falls	8,130,716	(55,195)		(190,000)				(245,195)	7,885,521
Richfield	23,192,225	(223,163)				2,688,189		2,465,026	25,657,251
Robbinsdale	9,480,462	(1,502,146)	(1,502,146)				($1,477,845)	(4,482,137)	4,998,325
Rochester	57,364,965	(2,728,581)				2,956,452		227,871	57,592,836
Rogers	3,852,981	0						0	3,852,981
Rosemount	19,741,596	(1,435,787)		(535,000)				(1,970,787)	17,770,809
Roseville	21,284,654	(773,370)				368,730		(404,640)	20,880,014
Saint Anthony	5,899,464	0		950,000				950,000	6,849,464
Saint Cloud	49,796,801	(664,487)		(1,830,000)		2,322,404		(172,083)	49,624,718
Saint Francis	9,237,153	(195,790)						(195,790)	9,041,363
Saint Joseph	2,237,573	0						0	2,237,573
Saint Louis Park	30,328,566	(576,068)				521,530		(54,538)	30,274,028
Saint Michael	15,949,977	(413,232)				86,132		(327,100)	15,622,877
Saint Paul	228,519,561	(489,148)				12,343,085		11,853,937	240,373,498
Saint Paul Park	5,698,097	(1,012,849)	(1,012,849)					(2,025,698)	3,672,399
Saint Peter	14,628,799	(851,067)				26,182		(824,885)	13,803,914
Sartell	12,215,325	0		1,485,000		121,584		1,606,584	13,821,909
Sauk Rapids	14,546,061	(1,227,471)	(1,227,471)			37,569		(2,417,373)	12,128,688

Municipality	2003 Actual 25-Year Construction Needs	(-) Unencumbered Construction Fund Balance Adjustment	(-) Excess Balance Adjustment	(+ or -) Bond Account Adjustment	(+) Non-Existing Bridge Adjustment	(+) R/W Acquisition Adjustment	(+ or -) Individual Adjustments	Total Affect Of Adjustments	2003 Adjusted Construction Needs
Savage	$16,658,943	($1,259,308)		$1,896,888				$637,580	$17,296,523
Shakopee	15,971,915	0						0	15,971,915
Shoreview	8,892,813	0				$25,232		25,232	8,918,045
Shorewood	7,986,362	(2,108,188)	($2,108,188)			30,274		(4,186,102)	3,800,260
South St. Paul	12,666,954	(732,313)						(732,313)	11,934,641
Spring Lake Park	2,723,593	(279,786)				188,005		(91,781)	2,631,812
Stewartville	4,206,388	(149,034)						(149,034)	4,057,354
Stillwater	11,547,022	(926,057)				19,061		(906,996)	10,640,026
Thief River Falls	17,922,972	(91,476)				90,089		(1,387)	17,921,585
Vadnais Heights	5,712,872	(55,353)						(55,353)	5,657,519
Virginia	14,107,706	(831,832)						(831,832)	13,275,874
Waconia	4,409,323	(432,603)						(432,603)	3,976,720
Waite Park	4,592,365	0				30,278		30,278	4,622,643
Waseca	6,260,592	(523,229)						(523,229)	5,737,363
West St. Paul	9,128,622	(710,161)						(710,161)	8,418,461
White Bear Lake	13,525,212	(165,094)				102,250		(62,844)	13,462,368
Willmar	19,831,917	(2,319,189)	(2,319,189)			297,616		(4,340,762)	15,491,155
Winona	17,713,391	(1,508,844)				7,500		(1,501,344)	16,212,047
Woodbury	41,427,628	0		0	$1,664,032	7,811,015		9,475,047	50,902,675
Worthington	11,276,644	(1,723,405)	(1,723,405)			491		(3,446,319)	7,830,325
STATE TOTAL	$2,828,843,694	($99,709,146)	($26,033,093)	$14,770,317	$21,276,978	$72,534,008	($832,845)	($17,993,781)	$2,810,849,913

TENTATIVE 2004 ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT

Needs Value: $1,000 in construction needs = approximately $19.33 in apportionment

N:\MSAS\EXCEL\2003\OCTOBER 2003 BOOK\ADJUSTED CONSTRUCTION NEEDS APPORTIONMENT 2003 (Old Book File B).XLS

Municipality	2003 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2004 Construction Needs Apportion-ment	% Of Total Dist.
Albert Lea	$16,450,388	$318,033		$318,033	0.5836
Alexandria	11,860,200	229,292		229,292	0.4207
Andover	24,920,427	481,783		481,783	0.8841
Anoka	11,089,966	214,401		214,401	0.3934
Apple Valley	30,747,718	594,442		594,442	1.0908
Arden Hills	4,778,591	92,384		92,384	0.1695
Austin	30,670,554	592,950		592,950	1.0881
Baxter	7,797,178	150,742		150,742	0.2766
Bemidji	10,095,724	195,179		195,179	0.3582
Big Lake	5,426,049	104,901		104,901	0.1925
Blaine	25,806,142	498,907		498,907	0.9155
Bloomington	94,821,008	1,833,163		1,833,163	3.3638
Brainerd	6,641,475	128,399	$13,104	141,503	0.2597
Brooklyn Center	18,164,285	351,168		351,168	0.6444
Brooklyn Park	25,882,188	500,377		500,377	0.9182
Buffalo	14,099,863	272,591		272,591	0.5002
Burnsville	36,341,294	702,582		702,582	1.2892
Cambridge	7,441,271	143,861	13,392	157,253	0.2886
Champlin	4,877,001	94,286		94,286	0.1730
Chanhassen	9,129,810	176,505	4,320	180,825	0.3318
Chaska	10,729,324	207,429		207,429	0.3806
Chisholm	5,925,809	114,563		114,563	0.2102
Cloquet	16,443,587	317,902		317,902	0.5833
Columbia Heights	12,758,227	246,653		246,653	0.4526
Coon Rapids	32,512,052	628,551		628,551	1.1534
Corcoran	6,861,819	132,659		132,659	0.2434
Cottage Grove	27,775,257	536,976		536,976	0.9853
Crookston	16,582,540	320,588		320,588	0.5883
Crystal	14,303,225	276,522		276,522	0.5074
Dayton	6,129,625	118,503		118,503	0.2175
Detroit Lakes	8,706,710	168,326		168,326	0.3089
Duluth	110,730,486	2,140,739	70,056	2,210,795	4.0568
Eagan	24,668,724	476,917		476,917	0.8751
East Bethel	21,381,918	413,374		413,374	0.7585
East Grand Forks	12,893,821	249,275		249,275	0.4574
Eden Prairie	38,632,298	746,873		746,873	1.3705
Edina	31,918,512	617,077		617,077	1.1323
Elk River	22,750,070	439,824		439,824	0.8071
Fairmont	24,316,357	470,105		470,105	0.8626
Falcon Heights	1,746,904	33,773		33,773	0.0620
Faribault	24,732,353	478,147		478,147	0.8774
Farmington	14,878,366	287,642		287,642	0.5278
Fergus Falls	19,985,649	386,380	28,152	414,532	0.7607
Forest Lake	21,214,268	410,133		410,133	0.7526
Fridley	12,355,121	238,860		238,860	0.4383
Glencoe	6,978,225	134,909		134,909	0.2476
Golden Valley	17,848,115	345,055		345,055	0.6332
Grand Rapids	11,286,467	218,200		218,200	0.4004

Municipality	2003 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2004 Construction Needs Apportion-ment	% Of Total Dist.
Ham Lake	$20,500,614	$396,336		$396,336	0.7273
Hastings	11,676,497	225,740		225,740	0.4142
Hermantown	11,076,829	214,147		214,147	0.3930
Hibbing	39,820,403	769,843		769,843	1.4127
Hopkins	9,666,381	186,879		186,879	0.3429
Hugo	9,766,836	188,821		188,821	0.3465
Hutchinson	14,704,315	284,277		284,277	0.5216
International Falls	6,660,050	128,758		128,758	0.2363
Inver Grove Heights	21,094,630	407,820		407,820	0.7483
La Crescent	5,641,664	109,070		109,070	0.2001
Lake City	5,506,848	106,463		106,463	0.1954
Lake Elmo	4,625,218	89,419		89,419	0.1641
Lakeville	53,069,186	1,025,980		1,025,980	1.8827
Lino Lakes	17,776,220	343,665	$2,016	345,681	0.6343
Litchfield	7,669,793	148,279		148,279	0.2721
Little Canada	10,882,224	210,385		210,385	0.3861
Little Falls	15,378,239	297,306		297,306	0.5456
Mahtomedi	4,997,914	96,624		96,624	0.1773
Mankato	28,584,534	552,621		552,621	1.0141
Maple Grove	58,891,479	1,138,542		1,138,542	2.0892
Maplewood	32,501,627	628,350		628,350	1.1530
Marshall	12,216,798	236,186		236,186	0.4334
Mendota Heights	8,254,366	159,581		159,581	0.2928
Minneapolis	293,457,404	5,673,375		5,673,375	10.4106
Minnetonka	41,179,452	796,117		796,117	1.4609
Montevideo	4,908,970	94,905		94,905	0.1741
Monticello	6,629,510	128,167		128,167	0.2352
Moorhead	32,264,119	623,758		623,758	1.1446
Morris	5,658,953	109,404		109,404	0.2008
Mound	7,648,485	147,867		147,867	0.2713
Mounds View	8,879,194	171,660		171,660	0.3150
New Brighton	9,782,099	189,116		189,116	0.3470
New Hope	13,178,295	254,774		254,774	0.4675
New Prague	2,237,215	43,252		43,252	0.0794
New Ulm	14,569,083	281,662		281,662	0.5168
North Branch	14,168,381	273,916		273,916	0.5026
North Mankato	13,210,705	255,401		255,401	0.4687
North St. Paul	7,862,242	152,000		152,000	0.2789
Northfield	10,351,804	200,130		200,130	0.3672
Oak Grove	13,960,599	269,899		269,899	0.4953
Oakdale	8,919,279	172,435		172,435	0.3164
Orono	12,679,082	245,123		245,123	0.4498
Otsego	13,113,867	253,529		253,529	0.4652
Owatonna	18,023,073	348,438		348,438	0.6394
Plymouth	50,432,889	975,013		975,013	1.7891
Prior Lake	10,813,195	209,050		209,050	0.3836
Ramsey	14,724,763	284,672		284,672	0.5224
Red Wing	22,300,151	431,126		431,126	0.7911
Redwood Falls	7,885,521	152,450		152,450	0.2797
Richfield	25,657,251	496,028		496,028	0.9102
Robbinsdale	4,998,325	96,632		96,632	0.1773
Rochester	57,592,836	1,113,435		1,113,435	2.0431
Rogers	3,852,981	74,489		74,489	0.1367
Rosemount	17,770,809	343,561		343,561	0.6304
Roseville	20,880,014	403,671		403,671	0.7407

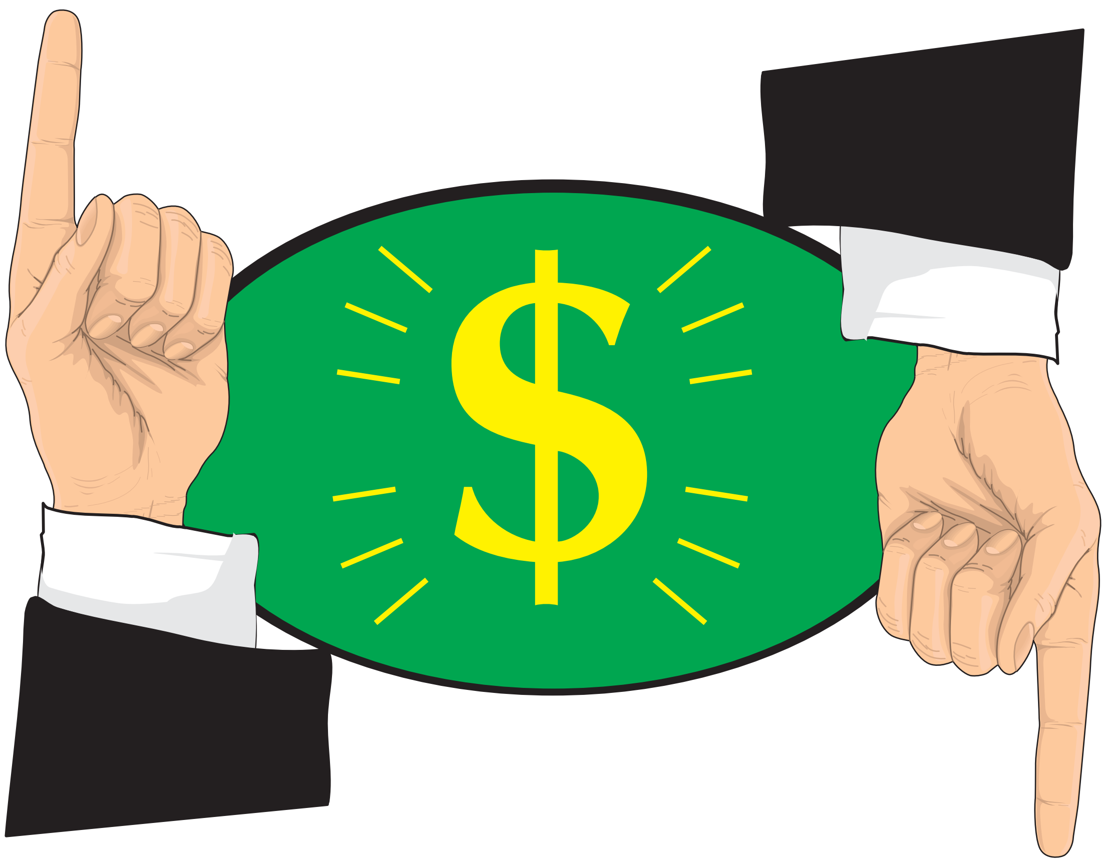
Municipality	2003 Adjusted Construction Needs	Construction Needs Apportion-ment Minus Turnback Maintenance	(+) TH Turnback Main-tenance Allowance	2004 Construction Needs Apportion-ment	% Of Total Dist.
Saint Anthony	$6,849,464	$132,420		$132,420	0.2430
Saint Cloud	49,624,718	959,388	$4,968	964,356	1.7696
Saint Francis	9,041,363	174,796		174,796	0.3207
Saint Joseph	2,237,573	43,259		43,259	0.0794
Saint Louis Park	30,274,028	585,284		585,284	1.0740
Saint Michael	15,622,877	302,035		302,035	0.5542
Saint Paul	240,373,498	4,647,111		4,647,111	8.5274
Saint Paul Park	3,672,399	70,998		70,998	0.1303
Saint Peter	13,803,914	266,869		266,869	0.4897
Sartell	13,821,909	267,217		267,217	0.4903
Sauk Rapids	12,128,688	234,482		234,482	0.4303
Savage	17,296,523	334,392		334,392	0.6136
Shakopee	15,971,915	308,783	414	309,197	0.5674
Shoreview	8,918,045	172,411		172,411	0.3164
Shorewood	3,800,260	73,470		73,470	0.1348
South St. Paul	11,934,641	230,731		230,731	0.4234
Spring Lake Park	2,631,812	50,880		50,880	0.0934
Stewartville	4,057,354	78,440		78,440	0.1439
Stillwater	10,640,026	205,702		205,702	0.3775
Thief River Falls	17,921,585	346,476		346,476	0.6358
Vadnais Heights	5,657,519	109,376		109,376	0.2007
Virginia	13,275,874	256,661	18,000	274,661	0.5040
Waconia	3,976,720	76,881		76,881	0.1411
Waite Park	4,622,643	89,369		89,369	0.1640
Waseca	5,737,363	110,920		110,920	0.2035
West St. Paul	8,418,461	162,753		162,753	0.2987
White Bear Lake	13,462,368	260,266		260,266	0.4776
Willmar	15,491,155	299,489		299,489	0.5496
Winona	16,212,047	313,425		313,425	0.5751
Woodbury	50,902,675	984,095		984,095	1.8058
Worthington	7,830,325	151,383		151,383	0.2778
STATE TOTAL	$2,810,849,913	$54,341,810	$154,422	$54,496,232	100.0000

Construction Needs Apportionment = $54,341,810 / $2,810,849,913 = 0.0193329

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

NOTES and COMMENTS

Adjustments to the 25 Year



Construction Needs

NOTES and COMMENTS

UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT

The unencumbered amount available as of December 31, 2002 will be used as a deduction from each city's total needs adjustment for the 2003 apportionment. The August 31, 2003 balance was used in this booklet for estimation purposes.

The total fund balance decreased by $33,187,117 between September 1, 2002 and December 31, 2002. The total fund balance decreased by $19,331,109 between September 1, 2002 and August 31, 2003. The August 31, 2003 unencumbered balance available includes the 2003 total construction apportionment amount of $82,974,496. Remaining bond principal owed and State Aid advances have not been deducted from the unencumbered balance available.

Municipalities	Unencumbered Balance Available 12-31-2002	Unencumbered Balance Available 08-31-2003	Difference Between 08-31-03 and 12-31-2003	Percentage of Total Amount in 8-31-03 Account	Ratio bet Balance & City's 2003 Construction Allotment
Albert Lea	$971,817	**$1,377,495**	$405,678	1.3815	2.9190
Alexandria	0	**38,479**	38,479	0.0386	0.1376
Andover	680,624	**1,342,531**	661,907	1.3464	2.0079
Anoka	516,258	**343,576**	(172,682)	0.3446	0.8948
Apple Valley	1,086,934	**1,748,390**	661,456	1.7535	1.3407
Arden Hills	805,510	**995,373**	189,863	0.9983	5.2426
Austin	961,496	**867,071**	(94,425)	0.8696	0.9865
Baxter	543,071	**307,253**	(235,818)	0.3081	1.3220
Bemidji	0	0	0	0.0000	0.0000
Big Lake	264,349	**0**	(264,349)	0.0000	0.0000
Blaine	0	**0**	0	0.0000	0.0000
Bloomington	4,553,578	**2,062,365**	(2,491,213)	2.0684	0.9965
Brainerd	1,614,378	**1,901,302**	286,924	1.9068	**5.4818**
Brooklyn Center	97,640	**474,953**	377,313	0.4763	0.6356
Brooklyn Park	0	0	0	0.0000	0.0000
Buffalo	608,573	**566,168**	(42,405)	0.5678	1.7011
Burnsville	0	**322,093**	322,093	0.3230	0.2503
Cambridge	64,004	**55,608**	(8,396)	0.0558	0.2929
Champlin	1,611,170	**1,991,112**	379,942	1.9969	**5.2406**
Chanhassen	2,033,691	**2,591,264**	557,573	2.5988	**4.6474**
Chaska	410,614	**799,046**	388,432	0.8014	2.0571
Chisholm	450,526	**595,607**	145,081	0.5973	3.9386
Cloquet	631,800	**785,498**	153,698	0.7878	2.4320
Columbia Heights	0	0	0	0.0000	0.0000
Coon Rapids	0	0	0	0.0000	0.0000
Corcoran	75,169	**226,015**	150,846	0.2267	1.4983
Cottage Grove	2,016,055	**1,914,362**	(101,693)	1.9199	1.9694
Crookston	1,082,462	**1,275,858**	193,396	1.2796	**3.1085**
Crystal	763,688	**723,876**	(39,812)	0.7260	1.6359
Dayton	81,238	**430,877**	**0**	0.4321	2.7293
Detroit Lakes	643,873	**905,008**	261,135	0.9076	3.4657
Duluth	552,411	**1,787,338**	1,234,927	1.7926	0.7108
Eagan	0	**0**	0	0.0000	0.0000
East Bethel	1,183,148	**133,309**	(1,049,839)	0.1337	0.4087
East Grand Forks	125,815	**366,563**	240,748	0.3676	1.3513
Eden Prairie	2,929,610	**4,394,717**	1,465,107	4.4075	2.8068
Edina	3,586,041	**1,346,008**	(2,240,033)	1.3499	1.3132
Elk River	751,708	0	(751,708)	0.0000	0.0000

Municipalities	Unencumbered Balance Available 12-31-2002	Unencumbered Balance Available 08-31-2003	Difference Between 08-31-03 and 12-31-2003	Percentage of Total Amount in 8-31-03 Account	Ratio bet Balance & City's 2003 Construction Allotment
Fairmont	$149,443	**$0**	($149,443)	0.0000	0.0000
Falcon Heights	176,208	**198,137**	21,929	0.1987	2.4782
Faribault	46,594	**330,544**	283,950	0.3315	0.5230
Farmington	477,095	**839,996**	362,901	0.8424	2.1506
Fergus Falls	964,541	**811,554**	(152,987)	0.8139	1.8356
Forest Lake	0	**70,237**	70,237	0.0704	0.1507
Fridley	882,618	**269,080**	(613,538)	0.2699	0.5654
Glencoe	116,297	**268,273**	151,976	0.2691	1.7652
Golden Valley	248,651	**666,268**	417,617	0.6682	1.2274
Grand Rapids	488,327	0	(488,327)	0.0000	0.0000
Ham Lake	440,168	**798,949**	358,781	0.8013	1.4096
Hastings	0	0	0	0.0000	0.0000
Hermantown	554,377	**848,633**	294,256	0.8511	2.8840
Hibbing	0	0	0	0.0000	0.0000
Hopkins	415,514	**0**	(415,514)	0.0000	0.0000
Hugo	324,901	**561,539**	236,638	0.5632	2.3730
Hutchinson	491,303	**983,784**	492,481	0.9867	1.9826
International Falls	0	**185,795**	185,795	0.1863	0.7985
Inver Grove Heights	752,714	**1,433,918**	681,204	1.4381	2.1050
La Crescent	0	**188,421**	188,421	0.1890	0.0000
Lake City	140,929	**276,292**	135,363	0.2771	2.0411
Lake Elmo	0	**193,316**	193,316	0.1939	1.0000
Lakeville	0	0	0	0.0000	0.0000
Lino Lakes	2,009,541	**958,854**	(1,050,687)	0.9617	2.0740
Litchfield	714,249	**881,258**	167,009	0.8838	5.2767
Little Canada	569,390	**785,619**	216,229	0.7879	2.7578
Little Falls	1,156,609	**775,873**	(380,736)	0.7781	1.9269
Mahtomedi	0	**172,474**	172,474	0.1730	0.7838
Mankato	0	**0**	0	0.0000	0.0000
Maple Grove	0	0	0	0.0000	0.0000
Maplewood	0	**34,978**	34,978	0.0351	0.0402
Marshall	1,158,380	**1,625,977**	467,597	1.6307	**3.4773**
Mendota Heights	796,718	**430,258**	(366,460)	0.4315	1.7052
Minneapolis	9,559,966	**11,373,124**	1,813,158	11.4063	1.5205
Minnetonka	0	**754,896**	754,896	0.7571	0.4744
Montevideo	210,730	**383,621**	172,891	0.3847	2.2189
Monticello	689,108	**892,120**	203,012	0.8947	4.3944
Moorhead	2,543,543	**1,989,926**	(553,617)	1.9957	2.3448
Morris	0	0	0	0.0000	0.0000
Mound	924,892	**1,175,350**	250,458	1.1788	**4.6928**
Mounds View	29,513	**260,587**	231,074	0.2613	0.8898
New Brighton	0	0	0	0.0000	0.0000
New Hope	0	**474,963**	474,963	0.4763	1.0000
New Prague	0	**0**	0	0.0000	0.0000
New Ulm	1,086,778	**1,612,477**	525,699	1.6172	**3.0673**
North Branch	482,952	**40,000**	(442,952)	0.0401	0.1339
North Mankato	178,048	**114,399**	(63,649)	0.1147	0.3369
North St. Paul	361,058	**598,115**	237,057	0.5999	2.3136
Northfield	165,987	**532,690**	366,703	0.5342	1.4526
Oak Grove	0	**238,089**	238,089	0.2388	1.0000
Oakdale	0	0	0	0.0000	0.0000
Orono	703,201	**988,883**	285,682	0.9918	3.4615
Otsego	444,273	**696,020**	251,747	0.6981	2.7648
Owatonna	0	**0**	0	0.0000	0.0000

Municipalities	Unencumbered Balance Available 12-31-2002	Unencumbered Balance Available 08-31-2003	Difference Between 08-31-03 and 12-31-2003	Percentage of Total Amount in 8-31-03 Account	Ratio bet Balance & City's 2003 Construction Allotment
Plymouth	$1,785,861	**$394,013**	($1,391,848)	0.3952	0.2586
Prior Lake	1,636,306	**2,009,414**	373,108	2.0153	**5.3856**
Ramsey	1,396,641	**1,957,091**	560,450	1.9628	**3.4920**
Red Wing	0	0	0	0.0000	0.0000
Redwood Falls	292,509	**55,195**	(237,314)	0.0554	0.3178
Richfield	825,163	**223,163**	(602,000)	0.2238	0.2746
Robbinsdale	1,179,332	**1,502,146**	322,814	1.5065	**4.5203**
Rochester	758,757	**2,728,581**	1,969,824	2.7365	1.1672
Rogers	0	**0**	0	0.0000	0.0000
Rosemount	974,570	**1,435,787**	461,217	1.4400	2.6529
Roseville	0	**773,370**	773,370	0.7756	1.0644
St. Anthony	0	0	0	0.0000	0.0000
St. Cloud	766,568	**664,487**	(102,081)	0.6664	0.4539
St. Francis	0	**195,790**	195,790	0.1964	0.0000
St. Joseph	140,781	**0**	(140,781)	0.0000	0.0000
St. Louis Park	80,062	**576,068**	496,006	0.5777	0.6764
St. Michael	108,401	**413,232**	304,831	0.4144	1.3556
St. Paul	0	**489,148**	489,148	0.4906	0.0817
St. Paul Park	878,713	**1,012,849**	134,136	1.0158	**7.5509**
St. Peter	714,164	**851,067**	136,903	0.8535	2.1681
Sartell	0	0	0	0.0000	0.0000
Sauk Rapids	920,878	**1,227,471**	306,593	1.2311	**4.0036**
Savage	782,463	**1,259,308**	476,845	1.2630	2.1643
Shakopee	0	**0**	0	0.0000	0.0000
Shoreview	3,849	0	(3,849)	0.0000	0.0000
Shorewood	1,926,362	**2,108,188**	181,826	2.1143	**11.5945**
South St. Paul	330,629	**732,313**	401,684	0.7344	1.7036
Spring Lake Park	155,897	**279,786**	123,889	0.2806	2.2584
Stewartville	19,544	**149,034**	129,490	0.1495	1.1509
Stillwater	939,108	**926,057**	(13,051)	0.9288	2.7594
Thief River Falls	0	**91,476**	91,476	0.0917	0.2443
Vadnais Heights	0	**55,353**	55,353	0.0555	0.2260
Virginia	700,553	**831,832**	131,279	0.8343	2.7046
Waconia	538,499	**432,603**	(105,896)	0.4339	2.3095
Waite Park	314,525	0	(314,525)	0.0000	0.0000
Waseca	341,228	**523,229**	182,001	0.5248	2.5376
West St. Paul	798,010	**710,161**	(87,849)	0.7122	1.9749
White Bear Lake	0	**165,094**	165,094	0.1656	0.3326
Willmar	1,875,346	**2,319,189**	443,843	2.3260	**4.8509**
Winona	1,363,197	**1,508,844**	145,647	1.5132	2.6136
Woodbury	0	0	0	0.0000	0.0000
Worthington	1,294,136	**1,723,405**	429,269	1.7284	**4.7054**
TOTAL	**$85,993,919**	**$99,709,146**	**$13,365,588**	100.0000	1.2017

EXCESS UNENCUMBERED CONSTRUCTION FUND BALANCE ADJUSTMENT FOR 2004 ESTIMATED- BASED ON AUGUST 31, 2003 BALANCE

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 $1,000,000, 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 $1,000,000, 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.

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September 23, 2003

Municipalities	January 2003 Construction Allotment 1-25-03	Unencumbered Amount Available 8-31-03	Ratio bet Balance & City's 2003 Construction Allotment	First Year of Adjustment	Multiplier	Excess Balance Adjustment
Albert Lea	$471,914	$1,377,495	2.919			
Alexandria	279,742	38,479	0.138			
Andover	668,609	1,342,531	2.008			
Anoka	383,983	343,576	0.895			
Apple Valley	1,304,107	1,748,390	1.341			
Arden Hills	189,863	995,373	5.243			No adjustment
Austin	878,922	867,071	0.987			
Baxter	232,407	307,253	1.322			
Bemidji	306,655	(75,964)	(0.248)			
Big Lake	185,654	0	0.000			
Blaine	958,096	0	0.000			
Bloomington	2,069,672	2,062,365	0.996			
Brainerd	346,842	**1,901,302**	**5.482**	2004	1	$1,901,302
Brooklyn Center	747,301	474,953	0.636			
Brooklyn Park	1,263,417	(1,262,704)	(0.999)			
Buffalo	332,827	566,168	1.701			
Burnsville	1,286,584	322,093	0.250			
Cambridge	189,839	55,608	0.293			
Champlin	379,942	**1,991,112**	**5.241**	2004	1	1,991,112
Chanhassen	557,573	**2,591,264**	**4.647**	2004	1	2,591,264
Chaska	388,432	799,046	2.057			
Chisholm	151,222	595,607	3.939			No adjustment
Cloquet	322,978	785,498	2.432			
Columbia Heights	360,095	(61,662)	(0.171)			
Coon Rapids	1,590,967	(431,228)	(0.271)			
Corcoran	150,846	226,015	1.498			
Cottage Grove	972,039	1,914,362	1.969			
Crookston	410,437	**1,275,858**	**3.109**	2004	1	1,275,858
Crystal	442,500	723,876	1.636			
Dayton	157,873	430,877	2.729			

Municipalities	January 2003 Construction Allotment 1-25-03	Unencumbered Amount Available 8-31-03	Ratio bet Balance & City's 2003 Construction Allotment	First Year of Adjustment	Multiplier	Excess Balance Adjustment
Detroit Lakes	$261,135	$905,008	3.466			No adjustment
Duluth	2,514,443	1,787,338	0.711			
Eagan	1,457,183	0	0.000			
East Bethel	326,140	133,309	0.409			
East Grand Forks	271,274	366,563	1.351			
Eden Prairie	1,565,739	4,394,717	2.807			
Edina	1,024,946	1,346,008	1.313			
Elk River	691,548	(99,404)	(0.144)			
Fairmont	616,422	0	0.000			
Falcon Heights	79,953	198,137	2.478			
Faribault	631,972	330,544	0.523			
Farmington	390,595	839,996	2.151			
Fergus Falls	442,125	811,554	1.836			
Forest Lake	466,085	70,237	0.151			
Fridley	475,908	269,080	0.565			
Glencoe	151,976	268,273	1.765			
Golden Valley	542,833	666,268	1.227			
Grand Rapids	257,945	(25,320)	(0.098)			
Ham Lake	566,789	798,949	1.410			
Hastings	352,324	(274,101)	(0.778)			
Hermantown	294,256	848,633	2.884			
Hibbing	722,517	(286,277)	(0.396)			
Hopkins	348,624	0	0.000			
Hugo	236,638	561,539	2.373			
Hutchinson	496,199	983,784	1.983			
International Falls	232,668	185,795	0.799			
Inver Grove Heights	681,204	1,433,918	2.105			
La Crescent	188,421	188,421	1.000			
Lake City	135,363	276,292	2.041			
Lake Elmo	193,316	193,316	1.000			
Lakeville	1,446,110	(1,446,110)	(1.000)			
Lino Lakes	462,325	958,854	2.074			
Litchfield	167,009	881,258	5.277			No adjustment
Little Canada	284,875	785,619	2.758			
Little Falls	402,644	775,873	1.927			
Mahtomedi	220,049	172,474	0.784			
Mankato	806,866	0	0.000			
Maple Grove	1,473,630	(877,724)	(0.596)			
Maplewood	870,065	34,978	0.040			
Marshall	467,597	**1,625,977**	**3.477**	2004	1	$1,625,977
Mendota Heights	252,319	430,258	1.705			
Minneapolis	7,479,831	11,373,124	1.521			
Minnetonka	1,591,264	754,896	0.474			
Montevideo	172,891	383,621	2.219			
Monticello	203,012	892,120	4.394			No adjustment
Moorhead	848,639	1,989,927	2.345			
Morris	133,711	(401,133)	(3.000)			
Mound	250,458	**1,175,350**	**4.693**	2004	1	1,175,350
Mounds View	292,849	260,587	0.890			
New Brighton	418,669	(131,136)	(0.313)			
New Hope	474,963	474,963	1.000			
New Prague	0	0	0.000			
New Ulm	525,699	**1,612,477**	**3.067**	2004	1	1,612,477

Municipalities	January 2003 Construction Allotment 1-25-03	Unencumbered Amount Available 8-31-03	Ratio bet Balance & City's 2003 Construction Allotment	First Year of Adjustment	Multiplier	Excess Balance Adjustment
North Branch	$298,821	$40,000	0.134			
North Mankato	339,608	114,399	0.337			
North St. Paul	258,517	598,115	2.314			
Northfield	366,703	532,690	1.453			
Oak Grove	238,089	238,089	1.000			
Oakdale	480,458	(912,364)	(1.899)			
Orono	285,682	988,883	3.461			No adjustment
Otsego	251,747	696,020	2.765			
Owatonna	689,849	0	0.000			
Plymouth	1,523,695	394,013	0.259			
Prior Lake	373,108	**2,009,414**	**5.386**	2004	1	$2,009,414
Ramsey	560,450	**1,957,091**	**3.492**	2004	1	1,957,091
Red Wing	457,532	(273,902)	(0.599)			
Redwood Falls	173,665	55,195	0.318			
Richfield	812,614	223,163	0.275			
Robbinsdale	332,308	**1,502,146**	**4.520**	2004	1	1,502,146
Rochester	2,337,655	2,728,581	1.167			
Rogers	0	0	0.000			
Rosemount	541,217	1,435,787	2.653			
Roseville	726,581	773,370	1.064			
Saint Anthony	184,318	(152,954)	(0.830)			
Saint Cloud	1,463,933	664,487	0.454			
Saint Francis	240,105	195,790	0.815			
Saint Joseph	0	0	0.000			
Saint Louis Park	851,690	576,068	0.676			
Saint Michael	304,831	413,232	1.356			
Saint Paul	5,989,472	489,148	0.082			
Saint Paul Park	134,136	**1,012,849**	**7.551**	2004	1	1,012,849
Saint Peter	392,536	851,067	2.168			
Sartell	312,281	(209,972)	(0.672)			
Sauk Rapids	306,593	**1,227,471**	**4.004**	2004	1	1,227,471
Savage	581,845	1,259,308	2.164			
Shakopee	538,177	0	0.000			
Shoreview	574,228	(750,000)	(1.306)			
Shorewood	181,826	**2,108,188**	**11.595**	2004	1	2,108,188
South Saint Paul	429,871	732,313	1.704			
Spring Lake Park	123,889	279,786	2.258			
Stewartville	129,490	149,034	1.151			
Stillwater	335,601	926,057	2.759			
Thief River Falls	374,445	91,476	0.244			
Vadnais Heights	244,875	55,353	0.226			
Virginia	307,558	831,832	2.705			
Waconia	187,312	432,603	2.310			
Waite Park	178,573	(116,351)	(0.652)			
Waseca	206,191	523,229	2.538			
West Saint Paul	359,596	710,161	1.975			
White Bear Lake	496,399	165,094	0.333			
Willmar	478,098	**2,319,189**	**4.851**	2004	1	2,319,189
Winona	577,309	1,508,844	2.614			
Woodbury	1,231,404	(1,235,612)	(1.003)			
Worthington	366,261	**1,723,405**	**4.705**	2004	1	1,723,405
TOTAL	**$82,974,496**	**$90,685,229**				**$26,033,093**

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2002)

(For Reference, see Bond Adjustment Resolution)

The average principal and interest on all Bond sales cannot exceed 50 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 minus E) Unamortized bond balance minus unencumbered balance = bond account adjustment.

Municipality	Date of Issue	(A) Amount of Issue	(B) Total Amount Applied Toward State Aid Projects	(C) (A Minus B) Amount Not Applied Toward State Aid Projects	(D) Remaining Amount of Principal To Be Paid	(E) Off System Disburse-ment	(D minus C minus E) Bond Account Adjustment
Apple Valley	9-09-91	$1,730,000	$1,730,000	$0	$750,000	$779,446	**($29,446)**
Cambridge	8-01-94	650,000	641,142	8,858 *	405,000		**396,142**
Cloquet	12-01-93	835,000	835,000	0	85,000		**85,000**
Eden Prairie	7-01-92	1,940,000	1,902,697	37,303	0		**(37,303)**
Falcon Heights	4-21-80	170,000	142,012	27,988	0		**(27,988)**
Little Canada	11-01-93	315,000	300,000	15,000	0		**(15,000)**
Maple Grove	11-01-94	3,620,000	3,620,000	0	855,000		**855,000**
Oakdale	11-10-92	453,181	453,181	0	0		**0**
Oakdale	11-23-93	887,640	887,640	0	96,024		**96,024**
Redwood Falls	12-01-82	215,000	25,000	190,000	0		**(190,000)**
Rosemount	7-05-94	700,000	0	700,000	165,000		**(535,000)**
Saint Cloud	11-01-92	1,940,000	1,755,000	185,000	110,000	1,755,000	**(1,830,000)**
Woodbury	10-01-94	2,465,000	2,465,000	0	0		**0**
TOTAL		**$15,920,821**	**$14,756,672**	**$1,164,149**	**$2,466,024**	**$2,534,446**	**($1,232,571)**

* Overhead costs

UNAMORTIZED BOND ACCOUNT BALANCE

(Amount as of December 31, 2002)

(For Reference, see Bond Adjustment Resolution)

At the Spring, 1995 meeting of the Municipal Screening Board, the following resolution was passed:

Effective January 1, 1996

The money needs shall be annually reduced by 10% of the total bond issue amount. The computation of needs shall be started in the year that bond principal payments are made to the city.

Municipality	Date of Issue	Amount of Issue	Total Amount Applied Toward State Aid Projects	Amount Not Applied Toward State Aid Projects	Remaining Amount of Principal To Be Paid	Off System Disburse-ment	Year of First Bond Principal Payment	Percentage of issue Applied to Adjustment	Bond Account Adjustment
Andover	6-28-01	$2,755,000	$1,456,029	$1,298,971	$2,470,000		2001	90%	**$2,479,500**
Brooklyn Center	12-01-98	1,945,000	1,945,000	0	1,090,000		1999	70%	**1,361,500**
Eagan	12-01-96	995,000	205,078	789,922	0		1997	50%	**497,500**
Glencoe	08-01-98	1,105,000	0	$1,105,000	950,000		1999	70%	**773,500**
Lakeville	08-21-00	4,290,000	0	$4,290,000	4,055,000	$4,290,000	2001	90%	**3,861,000**
Lakeville	12-01-01	1,080,000	0	$1,080,000	1,035,000		2002	100%	**1,080,000**
North Branch	10-23-00	320,000	161,790	$158,210	190,000		2001	90%	**288,000**
North Branch	8-01-02	785,000	0	$785,000	785,000				**0**
North Mankato	08-01-98	1,900,000	1,900,000	0	1,520,000		1999	70%	**1,330,000**
St. Anthony	07-01-00	950,000	0	950,000	880,000		2002	100%	**950,000**
Sartell	07-24-00	1,650,000	1,650,000	0	1,480,000		2001	90%	**1,485,000**
Savage	06-17-96	717,775	8,051	709,724	522,775		1997	50%	**358,888**
Savage	10-01-97	820,000	820,000	0	690,000		2001	90%	**738,000**
Savage	04-02-00	800,000	0	800,000	745,000		2002	100%	**800,000**
TOTAL		**$20,112,775**	**$8,145,948**	**$11,966,827**	**$16,412,775**	**$4,290,000**			**$16,002,888**

NON-EXISTING BRIDGE CONSTRUCTION

To compensate for not allowing needs for non-existing structures in the 25-year needs study, the Municipal Screening Board passed in the following resolution:

BE IT RESOLVED:

"The money 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 money needs adjustment shall be made by annually adding the total amount of the structure cost, project development and construction engineering that is eligible for State Aid reimbursement for a 15-year period."

This directive to exclude all Federal or State grants.

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Municipality	MSAS Number	Structure Number	First Year of Adjustment	Year of Apport-ionment Expiration	15 Years Amount Expired	Type of Funds	Project Development & Constuction Engineering	Project Needs	Total Needs Adjustment
Bloomington	399		1990	2004			$192,724	$1,070,687	**$1,263,411**
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**
Eden Prairie	107		1997	2011			51,335	285,194	**336,529**
Edina	174		1997	2011			168,883	938,240	**1,107,123**
Hutchinson	108		1998	2012			212,207	617,479	**829,686**
Lakeville	122		1996	2010			146,346	813,036	**959,382**
Maple Grove	127	97986	2000	2014		MSAS	17,926	99,588	
	135	27A49	2002	2016		Local Funds	112,919	627,329	
	134	27A40	2002	2016		MSAS	55,935	310,749	
	138	27A69	2003	2017		Local Funds	645,000	3,348,800	
	138	27A69	2004	2018		Local Funds	174,300	1,100,000	**6,492,546**
Minneapolis	419		1996	2010			292,653	1,625,850	**1,918,503**
Moorhead	135		1998	2012			175,284	973,801	**1,149,085**
Plymouth	153		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	**3,688,317**
Ramsey	104		1998	2012			54,554	303,077	**357,631**
Woodbury	108		1996	2010			253,835	1,410,197	**1,664,032**
TOTAL					**$0**		**$3,383,196**	**$17,893,783**	**$21,276,979**

19-Sep-03

PROJECT LISTING OF RIGHT-OF-WAY ACQUISITION

EXCEL\2003OCTOBER 2003 Book\Right of Way Projects 2003.xls

MUNICIPALITY	PROJECT	PROJECT AMOUNT	TOTAL ADJUSTMENT
Blaine	106-130-004	$78,408	
	106-130-005	836	**$79,244**
Bloomingtion	107-399-027	101,369	**101,369**
Eagan	195-106-010	225	**225**
Grand Rapids	129-119-004	6,436	**6,436**
Lakeville	188-101-007	24,055	
	188-110-006	6,270	**30,325**
Oak Grove	223-109-002	82,414	**82,414**
Owatonna	153-125-006	2,636	
	153-133-001	640	
	153-134-001	490	**3,766**
Red Wing	156-125-011	417,388	**417,388**
Saint Cloud	162-121-009	67,718	
	162-134-005	28,723	**96,441**
Saint Paul	164-301-001	776,998	**776,998**
Shorewood	216-107-001	30,274	**30,274**
Winona	176-108-011	7,500	**7,500**
Worthington	177-107-005	491	**491**
			$1,632,871

NEEDS ADJUSTMENT FOR RIGHT-OF-WAY ACQUISITION

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

MUNICIPALITY	1987-2001 RIGHT-OF-WAY EXPENDITURES	+	2002 RIGHT-OF-WAY EXPENDITURES	-	1987 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2004 APPORTIONMENT
Albert Lea	**$6,827**		--		--		**$6,827**
Alexandria	**--**		--		--		**--**
Andover	**152,490**		--		--		**152,490**
Anoka	**192,181**		--		--		**192,181**
Apple Valley	**103,229**		--		--		**103,229**
Arden Hills	**--**		--		--		**--**
Austin	**301,895**		--		--		**301,895**
Baxter	**--**		--		--		**--**
Bemidji	**276,323**		--		--		**276,323**
Big Lake	**--**		--		--		**--**
Blaine	**491,019**		$79,244		--		**570,263**
Bloomington	**11,366,632**		101,369		--		**11,468,001**
Brainerd	**567,219**		--		--		**567,219**
Brooklyn Center	**2,539,911**		--		--		**2,539,911**
Brooklyn Park	**725,843**		--		--		**725,843**
Buffalo	**--**		--		--		**--**
Burnsville	**999,669**		--		($136,070)		**863,599**
Cambridge	**--**		--		--		**--**
Champlin	**133,275**		--		--		**133,275**
Chanhassen	**65,000**		--		--		**65,000**
Chaska	**9,901**		--		--		**9,901**
Chisholm	**--**		--		--		**--**
Cloquet	**--**		--		--		**--**
Columbia Heights	**136,330**		--		(30,500)		**105,830**
Coon Rapids	**1,060,488**		--		(136,368)		**924,120**
Corcoran	**25,058**		--		--		**25,058**
Cottage Grove	**458,865**		--		--		**458,865**
Crookston	**959,364**		--		(959,364)		**--**
Crystal	**2,235,725**		--		(1,307,120)		**928,605**
Dayton	**5,281**		--		--		**5,281**
Detroit Lakes	**--**		--		--		**--**
Duluth	**417,655**		--		--		**417,655**
Eagan	**416,729**		225		--		**416,954**
East Bethel	**25,200**		--		--		**25,200**
East Grand Forks	**121,700**		--		--		**121,700**
Eden Prairie	**--**		--		--		**--**
Edina	**415,100**		--		--		**415,100**
Elk River	**300,052**		--		--		**300,052**
Fairmont	**73,163**		--		--		**73,163**
Falcon Heights	**--**		--		--		**--**
Faribault	**273,000**		--		--		**273,000**

MUNICIPALITY	1987-2001 RIGHT-OF-WAY EXPENDITURES	+	2002 RIGHT-OF-WAY EXPENDITURES	-	1987 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2004 APPORTIONMENT
Farmington	**$83,865**		--		--		**$83,865**
Fergus Falls	**128,373**		--		($33,600)		**94,773**
Forest Lake	**72,816**		--		--		**72,816**
Fridley	**95,081**		--		--		**95,081**
Glencoe	**--**		--		--		**--**
Golden Valley	**61,248**		--		(61,248)		**--**
Grand Rapids	**--**		$6,436		--		**6,436**
Ham Lake	**230,161**		--		--		**230,161**
Hastings	**--**		--		--		**--**
Hermantown	**211,100**		--		--		**211,100**
Hibbing	**198,025**		--		(1,500)		**196,525**
Hopkins	**1,000**		--		--		**1,000**
Hugo	**125,690**		--		--		**125,690**
Hutchinson	**341,250**		--		--		**341,250**
International Falls	**--**		--		--		**--**
Inver Grove Heights	**530,332**		--		--		**530,332**
La Crescent	**--**		--		--		**--**
Lake City	**--**		--		--		**--**
Lake Elmo	**87,245**		--		--		**87,245**
Lakeville	**2,933,851**		30,325		--		**2,964,176**
Lino Lakes	**116,502**		--		(64,950)		**51,552**
Litchfield	**--**		--		--		**--**
Little Canada	**--**		--		--		**--**
Little Falls	**412,999**		--		--		**412,999**
Mahtomedi	**--**		--		--		**--**
Mankato	**209,796**		--		--		**209,796**
Maple Grove	**3,023,409**		--		--		**3,023,409**
Maplewood	**--**		--		--		**--**
Marshall	**14,443**		--		--		**14,443**
Mendota Heights	**8,970**		--		--		**8,970**
Minneapolis	**7,974,804**		--		(3,123,632)		**4,851,172**
Minnetonka	**2,094,013**		--		--		**2,094,013**
Montevideo	**17,121**		--		--		**17,121**
Monticello	**149,510**		--		--		**149,510**
Moorhead	**484,589**		--		--		**484,589**
Morris	**12,879**		--		(2,379)		**10,500**
Mound	**1,309,579**		--		--		**1,309,579**
Mounds View	**--**		--		--		**--**
New Brighton	**--**		--		--		**--**
New Hope	**183,000**		--		--		**183,000**
New Prague	**--**		--		--		**--**
New Ulm	**--**		--		--		**--**
North Branch	**--**		--		--		**--**
North Mankato	**--**		--		--		**--**
North St. Paul	**91,135**		--		--		**91,135**
Northfield	**--**		--		--		**--**
Oak Grove	**46,880**		82,414		--		**129,294**
Oakdale	**664,083**		--		--		**664,083**

MUNICIPALITY	1987-2001 RIGHT-OF-WAY EXPENDITURES	+	2002 RIGHT-OF-WAY EXPENDITURES	-	1987 EXPIRED RIGHT-OF-WAY EXPENDITURES	=	TOTAL RIGHT-OF-WAY ADJUSTMENT FOR 2004 APPORTIONMENT
Orono	**$41,351**		--		--		**$41,351**
Otsego	**162,734**		--		--		**162,734**
Owatonna	**--**		$3,766		--		**3,766**
Plymouth	**202,411**		--		--		**202,411**
Prior Lake	**281,658**		--		--		**281,658**
Ramsey	**98,548**		--		--		**98,548**
Red Wing	**40,329**		417,388		--		**457,717**
Redwood Falls	**--**		--		--		**--**
Richfield	**2,799,067**		--		($110,878)		**2,688,189**
Robbinsdale	**--**		--		--		**--**
Rochester	**2,956,452**		--		--		**2,956,452**
Rogers	**--**		--		--		**--**
Rosemount	**--**		--		--		**--**
Roseville	**368,730**		--		--		**368,730**
Saint Anthony	**--**		--		--		**--**
Saint Cloud	**2,233,553**		96,441		(7,590)		**2,322,404**
Saint Francis	**--**		--		--		**--**
Saint Joseph	**--**		--		--		**--**
Saint Louis Park	**521,530**		--		--		**521,530**
Saint Michael	**86,132**		--		--		**86,132**
Saint Paul	**11,566,087**		776,998		--		**12,343,085**
Saint Paul Park	**--**		--		--		**--**
Saint Peter	**26,182**		--		--		**26,182**
Sartell	**121,584**		--		--		**121,584**
Sauk Rapids	**37,569**		--		--		**37,569**
Savage	**--**		--		--		**--**
Shakopee	**--**		--		--		**--**
Shoreview	**25,232**		--		--		**25,232**
Shorewood	**--**		30,274		--		**30,274**
South St. Paul	**--**		--		--		**--**
Spring Lake Park	**188,005**		--		--		**188,005**
Stewartville	**--**		--		--		**--**
Stillwater	**19,061**		--		--		**19,061**
Thief River Falls	**92,358**		--		(2,269)		**90,089**
Vadnais Heights	**--**		--		--		**--**
Virginia	**--**		--		--		**--**
Waconia	**--**		--		--		**--**
Waite Park	**30,278**		--		--		**30,278**
Waseca	**--**		--		--		**--**
West St. Paul	**--**		--		--		**--**
White Bear Lake	**102,250**		--		--		**102,250**
Willmar	**297,616**		--		--		**297,616**
Winona	**--**		7,500		--		**7,500**
Woodbury	**7,860,254**		--		(49,239)		**7,811,015**
Worthington	**--**		491		--		**491**
TOTAL	**$76,927,844**		**$1,632,871**		**($6,026,707)**		**$72,534,008**

Individual Adjustments

Robbinsdale Combination Route

The following paragraphs are taken from the minutes of the June, 1998 Screening Board meeting:

> The recommendation of the Needs Study Subcommittee is to not give needs for combination routes after January 1, 2000. There are only a few combination routes on the system. Virginia and New Ulm are eliminating theirs. Robbinsdale has been eliminating the ones they have. Edina may be the only one left with combination routes. David Jessup indicated that the metro area is in support of eliminating needs as recommended.

And

> David Jessup made a motion to approve the recommendation of the Needs Study Subcommittee which is to allow needs this year and next year and to disallow needs on combination routes after that. Terry Wotzka seconded the motion. The motion carried.

Robbinsdale revoked segment 158-516-010 in 2000 but concurrence was never received from Hennepin County. MSAS combination routes cannot be revoked without county concurrence. Therefore, 158-516-010 was reinstated on Robbinsdale's MSAS system as 158-416-010. (The new data collector does not allow route numbers greater than 499.)

Per Screening Board motion, the needs for the following segments have been removed from this year's Needs Study.

CITY	SEGMENT	LENGTH	2003 NEEDS ADJUSTMENT
Robbinsdale	158-416-010	0.74 miles	$1,477,845
Total		**0.74 miles**	**$1,477,845**

Robbinsdale's 2004 needs adjustment will be $1,477,845.

Individual Adjustments
Maple Grove non existing bridge adjustment

In the January 2003 allocation, Maple Grove was given a non existing bridge adjustment for bridge number 27A69 of $3,348,800. This number was computed incorrectly. It should have been $3,993,800. That is a difference of $645,000. This dollar amount will be included as a one time positive Needs adjustment for Maple Grove this year.

Result:
Maple Grove receives a one time positive Needs adjustment in the Individual Adjustments column of $645,000 to its 2003 Needs.

N:\MSAS\Word Documents\2003\October 2003 Book\Individual Adjustments Maple Grove.doc

TRUNK HIGHWAY TURNBACK MAINTENANCE ALLOWANCE

The following tabulation shows the Trunk Highway Turnback Maintenance allowance for the 2003 Apportionment. All turnbacks eligible for maintenance payments are included in this tabulation as of December 31, 2002. The total turnback maintenance apportionment has been computed in accordance with the 1967 Screening Board Resolution. (See Trunk Highway Turnback resolution.) Maintenance allowance was computed for streets that had turnback projects let in 2002.

Msas Route No.	Date of Release	Project Number	Plan Approved	Total Mileage	Miles Const.	Miles Eligible for TB Maint.	Date of MSAS Designation	Maintenance Allowance Eligible Miles X $7,200	Total Turnback Maintenance Allocation
Brainerd									
122 (TH 18)	11-01-00		No	0.37	0.00	0.37	01-02	$2,664	
113 (TH 18 & 322)	11-01-01		No	1.45	0.00	1.45	01-02	10,440	
				1.82	0.00	1.82		$13,104	**$13,104**
Brooklyn Park									
139 (TH 252)	**7-15-94**	**110-139-001**	**Yes**	2.94	**2.94**	**0.00**	12-94	**$0**	**0**
Cambridge									
113 (TH 65)	11-1-94	218-113-02	Yes	2.15	0.29	1.86	12-94	13,392	**13,392**
Chanhassen									
113 & 119 (TH101)	10-31-97		No	0.60	0.00	0.60	7-98	4,320	**4,320**
Duluth									
TH 23				14.61					
126 (TH 23)	12-15-95	118-126-08	Yes		2.36		2-1-96		
152 (TH 23)	12-15-95	118-152-13	Yes		0.21		2-1-96		
147 (TH 23)	12-15-95	118-147-015	Yes		1.12		2-1-96		
147 (TH 23)	12-15-95	118-147-016	Yes		0.46				
173 (TH 23)	**12-15-95**	**118-173-001**	**Yes**		**0.84**				
194 (TH 23)	12-15-95	118-194-001	Yes		0.71	8.91	2-1-96	64,152	
TH 61	12-15-95			1.79					
193 (TH 61)	**12-15-95**	**118-193-001**	**Yes**		**0.84**				
195 (TH61)	**12-15-95**	**118-195-001**	**Yes**		**0.13**	**0.82**	**2-1-96**	**5,904**	
					6.67	9.73		70,056	**70,056**
Fergus Falls									
104 (TH 59)	11-1-94		No	1.76	0.00	1.76		12,672	
109 (TH 210)	11-1-94	126-109-11	Yes	1.96	1.21	0.75		5,400	
132 (TH 59)	11-1-94		No	1.40	0.00	1.40	11-94	10,080	
				5.12	1.21	3.91		28,152	**28,152**
Lino Lakes									
103 (TH 49)	11-1-96		No	0.28	0.00	0.28	01-97	2,016	**2,016**
St. Cloud									
115,131,145 (TH15)	10-90	162-145-01	Yes	1.80	1.11	0.69	12-90	4,968	**4,968**
Shakopee									
TH 300				**0.92**					
105 (TH 300)	**4-27-97**		**No**		**0.00**		**12-02**		
122 (TH 300)	**4-27-97**		**No**		**0.00**		**12-02**		
						0.92		**414**	**414**
Virginia									
225 (TH 135)	6-1-96		No	2.50	0.00	2.50	08-96	18,000	**18,000**
TOTAL				**34.53**	**12.22**	**22.31**			**$154,422**

October 22, 2003

Carol Molnau, Commissioner
Mail Stop 100
395 John Ireland Blvd.
St. Paul, MN 55155

Dear Commissioner Molnau:

We, the undersigned, as members of the 2003 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 2004 Apportionment Sum as provided by Minnesota Statutes, Chapter 162.13, Subdivision 1.

Lee Gustafson **Minnetonka** **Chair**	**Mike Metso** **Duluth** **Vice Chair**	**Maria Hagen** **St. Louis Park** **Secretary**
John Suihkonen **Hibbing** **District 1**	**Dave Kildahl** **Crookston, T R Falls** **District 2**	**Brett Weiss** **Monticello** **District 3**
Dan Edwards **Fergus Falls** **District 4**	**Shelly Pederson** **Bloomington** **Metro West**	**Tim Murray** **Faribault** **District 6**
Tim Loose **St. Peter** **District 7**	**Dave Berryman** **Montevideo** **District 8**	**Chuck Ahl** **Maplewood** **Metro East**
Mike Metso **Duluth**	**Paul Ogren** **Minneapolis**	**Paul Kurtz** **Saint Paul**

Attachment: Money Needs Listing

2004 ADJUSTED CONSTRUCTION NEEDS RECOMMENDATIONS

Based on the 2003 Needs Study

The Needs for New Prague and Rogers are based upon the lowest cost per mile of any other city

N:\MSAS\EXCEL\2003\OCTOBER 2003 BOOK\2003 Adjusted Construction Needs Recommendations.xls *19-Sep-03*

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Albert Lea	$16,450,388	Forest Lake	$21,214,268
Alexandria	11,860,200	Fridley	12,355,121
Andover	24,920,427	Glencoe	6,978,225
Anoka	11,089,966	Golden Valley	17,848,115
Apple Valley	30,747,718	Grand Rapids	11,286,467
Arden Hills	4,778,591	Ham Lake	20,500,614
Austin	30,670,554	Hastings	11,676,497
Baxter	7,797,178	Hermantown	11,076,829
Bemidji	10,095,724	Hibbing	39,820,403
Big Lake	5,426,049	Hopkins	9,666,381
Blaine	25,806,142	Hugo	9,766,836
Bloomington	94,821,008	Hutchinson	14,704,315
Brainerd	6,641,475	International Falls	6,660,050
Brooklyn Center	18,164,285	Inver Grove Heights	21,094,630
Brooklyn Park	25,882,188	La Crescent	5,641,664
Buffalo	14,099,863	Lake City	5,506,848
Burnsville	36,341,294	Lake Elmo	4,625,218
Cambridge	7,441,271	Lakeville	53,069,186
Champlin	4,877,001	Lino Lakes	17,776,220
Chanhassen	9,129,810	Litchfield	7,669,793
Chaska	10,729,324	Little Canada	10,882,224
Chisholm	5,925,809	Little Falls	15,378,239
Cloquet	16,443,587	Mahtomedi	4,997,914
Columbia Heights	12,758,227	Mankato	28,584,534
Coon Rapids	32,512,052	Maple Grove	58,891,479
Corcoran	6,861,819	Maplewood	32,501,627
Cottage Grove	27,775,257	Marshall	12,216,798
Crookston	16,582,540	Mendota Heights	8,254,366
Crystal	14,303,225	Minneapolis	293,457,404
Dayton	6,129,625	Minnetonka	41,179,452
Detroit Lakes	8,706,710	Montevideo	4,908,970
Duluth	110,730,486	Monticello	6,629,510
Eagan	24,668,724	Moorhead	32,264,119
East Bethel	21,381,918	Morris	5,658,953
East Grand Forks	12,893,821	Mound	7,648,485
Eden Prairie	38,632,298	Mounds View	8,879,194
Edina	31,918,512	New Brighton	9,782,099
Elk River	22,750,070	New Hope	13,178,295
Fairmont	24,316,357	New Prague	2,237,215
Falcon Heights	1,746,904	New Ulm	14,569,083
Faribault	24,732,353	North Branch	14,168,381
Farmington	14,878,366	North Mankato	13,210,705
Fergus Falls	19,985,649	North St. Paul	7,862,242

Municipality	Adjusted Construction Needs	Municipality	Adjusted Construction Needs
Northfield	$10,351,804	St. Paul Park	$3,672,399
Oak Grove	13,960,599	St. Peter	13,803,914
Oakdale	8,919,279	Sartell	13,821,909
Orono	12,679,082	Sauk Rapids	12,128,688
Otsego	13,113,867	Savage	17,296,523
Owatonna	18,023,073	Shakopee	15,971,915
Plymouth	50,432,889	Shoreview	8,918,045
Prior Lake	10,813,195	Shorewood	3,800,260
Ramsey	14,724,763	South St. Paul	11,934,641
Red Wing	22,300,151	Spring Lake Park	2,631,812
Redwood Falls	7,885,521	Stewartville	4,057,354
Richfield	25,657,251	Stillwater	10,640,026
Robbinsdale	4,998,325	Thief River Falls	17,921,585
Rochester	57,592,836	Vadnais Heights	5,657,519
Rogers	3,852,981	Virginia	13,275,874
Rosemount	17,770,809	Waconia	3,976,720
Roseville	20,880,014	Waite Park	4,622,643
St. Anthony	6,849,464	Waseca	5,737,363
St. Cloud	49,624,718	West St. Paul	8,418,461
Saint Francis	9,041,363	White Bear Lake	13,462,368
St. Joseph	2,237,573	Willmar	15,491,155
St. Louis Park	30,274,028	Winona	16,212,047
St. Michael	15,622,877	Woodbury	50,902,675
St. Paul	240,373,498	Worthington	7,830,325
		STATE TOTAL	$2,810,849,913

THEORETICAL 2004 M.S.A.S. TOTAL APPORTIONMENT

The following tabulation shows each municipality's tentative construction (money) needs and population apportionment amounts for 2004. The tentative apportionment shown in this summary is for informational purposes only. The actual revenue will be announced in January 2004, when the Commissioner of Transportation determines the annual allotments.

Municipality	Tentative 2004 Apportionment using the 2000 Census or the 2002 Estimate	Tentative Construction Needs Apportionment	Theoretical 2004 Total Apportionment	Distribution Percentage
Albert Lea	$295,361	$318,033	$613,394	0.5628
Alexandria	158,488	229,292	387,780	0.3558
Andover	460,974	481,783	942,757	0.8650
Anoka	291,421	214,401	505,822	0.4641
Apple Valley	768,091	594,442	1,362,533	1.2501
Arden Hills	155,352	92,384	247,736	0.2273
Austin	380,660	592,950	973,610	0.8933
Baxter	98,486	150,742	249,228	0.2287
Bemidji	199,545	195,179	394,724	0.3622
Big Lake	116,964	104,901	221,865	0.2036
Blaine	771,935	498,907	1,270,842	1.1660
Bloomington	1,373,400	1,833,163	3,206,563	2.9420
Brainerd	219,455	141,503	360,958	0.3312
Brooklyn Center	469,352	351,168	820,520	0.7528
Brooklyn Park	1,103,223	500,377	1,603,600	1.4713
Buffalo	183,688	272,591	456,279	0.4186
Burnsville	979,392	702,582	1,681,974	1.5432
Cambridge	94,015	157,253	251,268	0.2305
Champlin	363,774	94,286	458,060	0.4203
Chanhassen	343,270	180,825	524,095	0.4809
Chaska	304,930	207,429	512,359	0.4701
Chisholm	80,410	114,563	194,973	0.1789
Cloquet	182,981	317,902	500,883	0.4596
Columbia Heights	300,701	246,653	547,354	0.5022
Coon Rapids	999,929	628,551	1,628,480	1.4941
Corcoran	93,275	132,659	225,934	0.2073
Cottage Grove	498,284	536,976	1,035,260	0.9498
Crookston	131,743	320,588	452,331	0.4150
Crystal	367,312	276,522	643,834	0.5907
Dayton	80,410	118,503	198,913	0.1825
Detroit Lakes	121,531	168,326	289,857	0.2659
Duluth	1,388,180	2,210,795	3,598,975	3.3020
Eagan	1,040,503	476,917	1,517,420	1.3922
East Bethel	180,086	413,374	593,460	0.5445
East Grand Forks	121,724	249,275	370,999	0.3404
Eden Prairie	916,672	746,873	1,663,545	1.5263
Edina	765,019	617,077	1,382,096	1.2681
Elk River	290,794	439,824	730,618	0.6703
Fairmont	175,117	470,105	645,222	0.5920
Falcon Heights	89,737	33,773	123,510	0.1133
Faribault	345,376	478,147	823,523	0.7556

Municipality	Tentative 2004 Apportionment using the 2000 Census or the 2002 Estimate	Tentative Construction Needs Apportionment	Theoretical 2004 Total Apportionment	Distribution Percentage
Farmington	**$229,248**	**$287,642**	**$516,890**	0.4742
Fergus Falls	**220,371**	**414,532**	**634,903**	0.5825
Forest Lake	**242,725**	**410,133**	**652,858**	0.5990
Fridley	**441,611**	**238,860**	**680,471**	0.6243
Glencoe	**89,239**	**134,909**	**224,148**	0.2057
Golden Valley	**331,868**	**345,055**	**676,923**	0.6211
Grand Rapids	**126,919**	**218,200**	**345,119**	0.3166
Ham Lake	**217,991**	**396,336**	**614,327**	0.5636
Hastings	**308,758**	**225,740**	**534,498**	0.4904
Hermantown	**131,518**	**214,147**	**345,665**	0.3171
Hibbing	**274,535**	**769,843**	**1,044,378**	0.9582
Hopkins	**282,383**	**186,879**	**469,262**	0.4305
Hugo	**127,048**	**188,821**	**315,869**	0.2898
Hutchinson	**215,547**	**284,277**	**499,824**	0.4586
International Falls	**107,862**	**128,758**	**236,620**	0.2171
Inver Grove Heights	**493,845**	**407,820**	**901,665**	0.8273
La Crescent	**80,844**	**109,070**	**189,914**	0.1742
Lake City	**82,870**	**106,463**	**189,333**	0.1737
Lake Elmo	**118,798**	**89,419**	**208,217**	0.1910
Lakeville	**744,354**	**1,025,980**	**1,770,334**	1.6243
Lino Lakes	**288,543**	**345,681**	**634,224**	0.5819
Litchfield	**106,833**	**148,279**	**255,112**	0.2341
Little Canada	**158,005**	**210,385**	**368,390**	0.3380
Little Falls	**127,932**	**297,306**	**425,238**	0.3902
Mahtomedi	**129,138**	**96,624**	**225,762**	0.2071
Mankato	**536,527**	**552,621**	**1,089,148**	0.9993
Maple Grove	**868,426**	**1,138,542**	**2,006,968**	1.8414
Maplewood	**572,518**	**628,350**	**1,200,868**	1.1018
Marshall	**205,495**	**236,186**	**441,681**	0.4052
Mendota Heights	**186,551**	**159,581**	**346,132**	0.3176
Minneapolis	**6,154,570**	**5,673,375**	**11,827,945**	10.8521
Minnetonka	**827,257**	**796,117**	**1,623,374**	1.4894
Montevideo	**88,129**	**94,905**	**183,034**	0.1679
Monticello	**142,149**	**128,167**	**270,316**	0.2480
Moorhead	**523,822**	**623,758**	**1,147,580**	1.0529
Morris	**83,739**	**109,404**	**193,143**	0.1772
Mound	**152,135**	**147,867**	**300,002**	0.2753
Mounds View	**205,849**	**171,660**	**377,509**	0.3464
New Brighton	**357,985**	**189,116**	**547,101**	0.5020
New Hope	**336,274**	**254,774**	**591,048**	0.5423
New Prague	**80,667**	**43,252**	**123,919**	0.1137
New Ulm	**218,618**	**281,662**	**500,280**	0.4590
North Branch	**144,384**	**273,916**	**418,300**	0.3838
North Mankato	**196,329**	**255,401**	**451,730**	0.4145
North St. Paul	**192,324**	**152,000**	**344,324**	0.3159
Northfield	**286,999**	**200,130**	**487,129**	0.4469
Oak Grove	**114,021**	**269,899**	**383,920**	0.3522
Oakdale	**442,254**	**172,435**	**614,689**	0.5640
Orono	**122,625**	**245,123**	**367,748**	0.3374
Otsego	**132,033**	**253,529**	**385,562**	0.3538
Owatonna	**371,204**	**348,438**	**719,642**	0.6603

Municipality	Tentative 2004 Apportionment using the 2000 Census or the 2002 Estimate	Tentative Construction Needs Apportionment	Theoretical 2004 Total Apportionment	Distribution Percentage
Plymouth	**$1,090,744**	**$975,013**	**$2,065,757**	1.8953
Prior Lake	**275,967**	**209,050**	**485,017**	0.4450
Ramsey	**302,823**	**284,672**	**587,495**	0.5390
Red Wing	**261,638**	**431,126**	**692,764**	0.6356
Redwood Falls	**87,791**	**152,450**	**240,241**	0.2204
Richfield	**556,034**	**496,028**	**1,052,062**	0.9653
Robbinsdale	**227,126**	**96,632**	**323,758**	0.2970
Rochester	**1,467,705**	**1,113,435**	**2,581,140**	2.3682
Rogers	**80,571**	**74,489**	**155,060**	0.1423
Rosemount	**259,081**	**343,561**	**602,642**	0.5529
Roseville	**548,395**	**403,671**	**952,066**	0.8735
St. Anthony	**130,296**	**132,420**	**262,716**	0.2410
St. Cloud	**984,988**	**964,356**	**1,949,344**	1.7885
St. Francis	**91,346**	**174,796**	**266,142**	0.2442
St. Joseph	**80,796**	**43,259**	**124,055**	0.1138
St. Louis Park	**719,572**	**585,284**	**1,304,856**	1.1972
St. Michael	**180,070**	**302,035**	**482,105**	0.4423
St. Paul	**4,631,607**	**4,647,111**	**9,278,718**	8.5132
St. Paul Park	**81,938**	**70,998**	**152,936**	0.1403
St. Peter	**160,482**	**266,869**	**427,351**	0.3921
Sartell	**176,210**	**267,217**	**443,427**	0.4068
Sauk Rapids	**183,704**	**234,482**	**418,186**	0.3837
Savage	**373,423**	**334,392**	**707,815**	0.6494
Shakopee	**384,359**	**309,197**	**693,556**	0.6363
Shoreview	**425,818**	**172,411**	**598,229**	0.5489
Shorewood	**122,062**	**73,470**	**195,532**	0.1794
South St. Paul	**326,673**	**230,731**	**557,404**	0.5114
Spring Lake Park	**109,759**	**50,880**	**160,639**	0.1474
Stewartville	**89,351**	**78,440**	**167,791**	0.1539
Stillwater	**259,064**	**205,702**	**464,766**	0.4264
Thief River Falls	**135,844**	**346,476**	**482,320**	0.4425
Vadnais Heights	**213,086**	**109,376**	**322,462**	0.2959
Virginia	**147,263**	**274,661**	**421,924**	0.3871
Waconia	**122,223**	**76,881**	**199,104**	0.1827
Waite Park	**107,588**	**89,369**	**196,957**	0.1807
Waseca	**156,269**	**110,920**	**267,189**	0.2451
West St. Paul	**316,011**	**162,753**	**478,764**	0.4393
White Bear Lake	**400,023**	**260,266**	**660,289**	0.6058
Willmar	**297,710**	**299,489**	**597,199**	0.5479
Winona	**435,324**	**313,425**	**748,749**	0.6870
Woodbury	**790,751**	**984,095**	**1,774,846**	1.6284
Worthington	**181,518**	**151,383**	**332,901**	0.3054
TOTAL	**$54,496,232**	**$54,496,232**	**$108,992,464**	100.0000

COMPARISON OF THE 2003 TO ESTIMATED 2004 APPORTIONMENT

N:\MSAS\Excel\Fall Book 2002\Comparison fo the 2003 to Estimated 2004 Apportionment

Municipality	2003 Total Apportionment	Estimated 2004 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Albert Lea	$629,219	$613,394	($15,825)	-2.5150
Alexandria	372,989	387,780	14,791	3.9655
Andover	955,156	942,757	(12,399)	-1.2981
Anoka	511,977	505,822	(6,155)	-1.2022
Apple Valley	1,396,667	1,362,533	(34,134)	-2.4440
Arden Hills	253,151	247,736	(5,415)	-2.1390
Austin	970,277	973,610	3,333	0.3435
Baxter	250,017	249,228	(789)	-0.3156
Bemidji	408,874	394,724	(14,150)	-3.4607
Big Lake	247,539	221,865	(25,674)	-10.3717
Blaine	1,277,461	1,270,842	(6,619)	-0.5181
Bloomington	3,184,111	3,206,563	22,452	0.7051
Brainerd	475,560	360,958	(114,602)	-24.0983
Brooklyn Center	885,062	820,520	(64,542)	-7.2924
Brooklyn Park	1,705,724	1,603,600	(102,124)	-5.9871
Buffalo	443,770	456,279	12,509	2.8188
Burnsville	1,715,446	1,681,974	(33,472)	-1.9512
Cambridge	252,736	251,268	(1,468)	-0.5808
Champlin	506,590	458,060	(48,530)	-9.5797
Chanhassen	591,128	524,095	(67,033)	-11.3398
Chaska	517,909	512,359	(5,550)	-1.0716
Chisholm	201,630	194,973	(6,657)	-3.3016
Cloquet	496,890	500,883	3,993	0.8036
Columbia Heights	553,992	547,354	(6,638)	-1.1982
Coon Rapids	1,651,222	1,628,480	(22,742)	-1.3773
Corcoran	232,071	225,934	(6,137)	-2.6444
Cottage Grove	1,010,709	1,035,260	24,551	2.4291
Crookston	510,437	452,331	(58,106)	-11.3836
Crystal	680,769	643,834	(36,935)	-5.4255
Dayton	210,497	198,913	(11,584)	-5.5032
Detroit Lakes	279,750	289,857	10,107	3.6129
Duluth	3,675,150	3,598,975	(76,175)	-2.0727
Eagan	1,519,493	1,517,420	(2,073)	-0.1364
East Bethel	434,854	593,460	158,606	36.4734
East Grand Forks	361,699	370,999	9,300	2.5712
Eden Prairie	1,626,069	1,663,545	37,476	2.3047
Edina	1,366,595	1,382,096	15,501	1.1343
Elk River	727,518	730,618	3,100	0.4261
Fairmont	645,012	645,222	210	0.0326
Falcon Heights	123,005	123,510	505	0.4106
Faribault	842,629	823,523	(19,106)	-2.2674
Farmington	520,794	516,890	(3,904)	-0.7496
Fergus Falls	617,652	634,903	17,251	2.7930
Forest Lake	621,447	652,858	31,411	5.0545
Fridley	679,868	680,471	603	0.0887
Glencoe	233,810	224,148	(9,662)	-4.1324
Golden Valley	723,777	676,923	(46,854)	-6.4735
Grand Rapids	343,927	345,119	1,192	0.3466

Municipality	2003 Total Apportionment	Estimated 2004 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
Ham Lake	$600,254	$614,327	$14,073	2.3445
Hastings	542,037	534,498	(7,539)	-1.3909
Hermantown	359,256	345,665	(13,591)	-3.7831
Hibbing	963,356	1,044,378	81,022	8.4104
Hopkins	464,832	469,262	4,430	0.9530
Hugo	315,518	315,869	351	0.1112
Hutchinson	520,244	499,824	(20,420)	-3.9251
International Falls	244,758	236,620	(8,138)	-3.3249
Inver Grove Heights	908,272	901,665	(6,607)	-0.7274
La Crescent	196,911	189,914	(6,997)	-3.5534
Lake City	180,484	189,333	8,849	4.9029
Lake Elmo	209,996	208,217	(1,779)	-0.8472
Lakeville	1,762,330	1,770,334	8,004	0.4542
Lino Lakes	618,449	634,224	15,775	2.5507
Litchfield	256,937	255,112	(1,825)	-0.7103
Little Canada	379,834	368,390	(11,444)	-3.0129
Little Falls	424,094	425,238	1,144	0.2698
Mahtomedi	232,814	225,762	(7,052)	-3.0290
Mankato	1,075,821	1,089,148	13,327	1.2388
Maple Grove	1,964,840	2,006,968	42,128	2.1441
Maplewood	1,242,950	1,200,868	(42,082)	-3.3857
Marshall	489,077	441,681	(47,396)	-9.6909
Mendota Heights	336,425	346,132	9,707	2.8853
Minneapolis	11,507,433	11,827,945	320,512	2.7853
Minnetonka	1,661,029	1,623,374	(37,655)	-2.2670
Montevideo	185,266	183,034	(2,232)	-1.2048
Monticello	270,683	270,316	(367)	-0.1356
Moorhead	1,151,896	1,147,580	(4,316)	-0.3747
Morris	178,282	193,143	14,861	8.3357
Mound	333,944	300,002	(33,942)	-10.1640
Mounds View	390,465	377,509	(12,956)	-3.3181
New Brighton	558,226	547,101	(11,125)	-1.9929
New Hope	633,284	591,048	(42,236)	-6.6694
New Prague	0	123,919	123,919	N/A
New Ulm	546,294	500,280	(46,014)	-8.4229
North Branch	398,428	418,300	19,872	4.9876
North Mankato	461,381	451,730	(9,651)	-2.0918
North St. Paul	344,690	344,324	(366)	-0.1062
Northfield	488,937	487,129	(1,808)	-0.3698
Oak Grove	261,924	383,920	121,996	46.5769
Oakdale	648,301	614,689	(33,612)	-5.1846
Orono	380,909	367,748	(13,161)	-3.4552
Otsego	335,663	385,562	49,899	14.8658
Owatonna	716,114	719,642	3,528	0.4927
Plymouth	2,031,594	2,065,757	34,163	1.6816
Prior Lake	497,477	485,017	(12,460)	-2.5046
Ramsey	670,450	587,495	(82,955)	-12.3730
Red Wing	703,896	692,764	(11,132)	-1.5815
Redwood Falls	231,553	240,241	8,688	3.7521
Richfield	1,083,486	1,052,062	(31,424)	-2.9003
Robbinsdale	347,398	323,758	(23,640)	-6.8049
Rochester	2,597,395	2,581,140	(16,255)	-0.6258
Rogers	0	155,060	155,060	N/A
Rosemount	577,622	602,642	25,020	4.3316
Roseville	968,775	952,066	(16,709)	-1.7248
St. Anthony	245,757	262,716	16,959	6.9007
St. Cloud	1,956,879	1,949,344	(7,535)	-0.3851

Municipality	2003 Total Apportionment	Estimated 2004 Total Apportionment	Increase (Decrease) Amount	% Increase Decrease
St. Francis	$320,140	$266,142	($53,998)	-16.8670
St. Joseph	0	124,055	124,055	N/A
St. Louis Park	1,310,292	1,304,856	(5,436)	-0.4149
St. Michael	406,442	482,105	75,663	18.6159
St. Paul	9,214,572	9,278,718	64,146	0.6961
St. Paul Park	178,848	152,936	(25,912)	-14.4883
St. Peter	412,081	427,351	15,270	3.7056
Sartell	404,226	443,427	39,201	9.6978
Sauk Rapids	323,738	418,186	94,448	29.1742
Savage	708,771	707,815	(956)	-0.1349
Shakopee	717,570	693,556	(24,014)	-3.3466
Shoreview	599,638	598,229	(1,409)	-0.2350
Shorewood	242,435	195,532	(46,903)	-19.3466
South St. Paul	573,161	557,404	(15,757)	-2.7491
Spring Lake Park	165,185	160,639	(4,546)	-2.7521
Stewartville	172,653	167,791	(4,862)	-2.8161
Stillwater	447,468	464,766	17,298	3.8658
Thief River Falls	499,260	482,320	(16,940)	-3.3930
Vadnais Heights	326,500	322,462	(4,038)	-1.2368
Virginia	428,078	421,924	(6,154)	-1.4376
Waconia	195,472	199,104	3,632	1.8581
Waite Park	188,293	196,957	8,664	4.6013
Waseca	274,922	267,189	(7,733)	-2.8128
West St. Paul	479,462	478,764	(698)	-0.1456
White Bear Lake	661,865	660,289	(1,576)	-0.2381
Willmar	637,464	597,199	(40,265)	-6.3164
Winona	769,746	748,749	(20,997)	-2.7278
Woodbury	1,853,287	1,774,846	(78,441)	-4.2325
Worthington	383,346	332,901	(50,445)	-13.1591
TOTAL	**$108,992,464**	**$108,992,464**	**$0**	**0.0000**

TENTATIVE 2004 APPORTIONMENT RANKINGS

9/19/2003

Rankings are from highest apportionment per Needs mile to lowest. Bridges in some cities increases the costs.
New Prague's and Roger's mileage is not certified

MSAS\Excel\October 2003 Book\Tentative 2004 Apportionment Rankings

Municipality	2003 Total Needs Mileage	2004 Tentative Population Apportionment Per Need Mile
Falcon Heights	2.54	$35,330
Minneapolis	203.00	30,318
Hopkins	9.32	30,299
St. Paul	165.13	28,048
New Hope	12.70	26,478
Vadnais Heights	8.32	25,611
Waseca	6.42	24,341
Oakdale	18.39	24,049
Columbia Heights	12.53	23,998
New Brighton	14.92	23,994
Coon Rapids	41.82	23,910
Robbinsdale	9.51	23,883
West St. Paul	13.54	23,339
St. Joseph	3.47	23,284
Northfield	12.36	23,220
St. Anthony	5.63	23,143
St. Louis Park	31.19	23,071
Anoka	12.64	23,055
Brooklyn Park	48.08	22,946
Shoreview	18.57	22,930
Eagan	46.15	22,546
Stewartville	3.99	22,394
Burnsville	44.05	22,234
Richfield	25.08	22,170
Waconia	5.53	22,102
Rochester	66.55	22,054
Brooklyn Center	21.56	21,770
Apple Valley	35.54	21,612
Champlin	17.01	21,386
Arden Hills	7.42	20,937
Inver Grove Heights	23.86	20,698
Crystal	17.88	20,543
Owatonna	18.19	20,407

Municipality	2003 Total Needs Mileage	2004 Tentative Money Needs Apportionment Per Need Mile
St. Paul	165.13	$28,142
Minneapolis	203.00	27,948
Crookston	11.71	27,377
Bloomington	75.02	24,436
Fairmont	19.49	24,120
St. Anthony	5.63	23,520
Maple Grove	49.10	23,188
Thief River Falls	15.06	23,006
Austin	27.70	21,406
Woodbury	46.03	21,379
Moorhead	29.74	20,974
Faribault	22.80	20,971
Farmington	13.85	20,768
New Hope	12.70	20,061
Little Canada	10.49	20,056
Hopkins	9.32	20,051
Maplewood	31.71	19,816
Richfield	25.08	19,778
Sauk Rapids	11.87	19,754
Lakeville	51.95	19,749
Duluth	112.18	19,708
Columbia Heights	12.53	19,685
Stewartville	3.99	19,659
Orono	12.58	19,485
Redwood Falls	7.87	19,371
Glencoe	6.98	19,328
La Crescent	5.66	19,270
Buffalo	14.17	19,237
Owatonna	18.19	19,155
North Mankato	13.38	19,088
Grand Rapids	11.47	19,024
St. Louis Park	31.19	18,765
St. Peter	14.24	18,741

Municipality	2003 Total Needs Mileage	2004 Tentative Total Apportionment Per Need Mile
Minneapolis	203.00	$58,266
St. Paul	165.13	56,190
Hopkins	9.32	50,350
Falcon Heights	2.54	48,626
St. Anthony	5.63	46,664
New Hope	12.70	46,539
Columbia Heights	12.53	43,683
Bloomington	75.02	42,743
Stewartville	3.99	42,053
Richfield	25.08	41,948
St. Louis Park	31.19	41,836
Waseca	6.42	41,618
Maple Grove	49.10	40,875
Anoka	12.64	40,018
Owatonna	18.19	39,563
Northfield	12.36	39,412
Coon Rapids	41.82	38,940
Rochester	66.55	38,785
Vadnais Heights	8.32	38,757
Crookston	11.71	38,628
Moorhead	29.74	38,587
Woodbury	46.03	38,558
Apple Valley	35.54	38,338
Burnsville	44.05	38,183
Brooklyn Center	21.56	38,058
Maplewood	31.71	37,870
Inver Grove Heights	23.86	37,790
Plymouth	54.72	37,751
Farmington	13.85	37,321
Mound	8.05	37,267
New Brighton	14.92	36,669
Eden Prairie	45.40	36,642
Faribault	22.80	36,119

Municipality	2003 Total Needs Mileage	2004 Tentative Population Apportionment Per Need Mile
Eden Prairie	45.40	$20,191
Chaska	15.13	20,154
Winona	21.77	19,997
Plymouth	54.72	19,933
White Bear Lake	20.35	19,657
South St. Paul	16.82	19,422
Roseville	28.70	19,108
Blaine	40.52	19,051
Edina	40.27	18,997
Mound	8.05	18,899
Spring Lake Park	5.82	18,859
Big Lake	6.37	18,362
Bloomington	75.02	18,307
Maplewood	31.71	18,055
Fridley	24.81	17,800
Maple Grove	49.10	17,687
Moorhead	29.74	17,613
Waite Park	6.12	17,580
Woodbury	46.03	17,179
North St. Paul	11.40	16,871
Stillwater	15.45	16,768
St. Paul Park	4.92	16,654
Minnetonka	49.89	16,582
Farmington	13.85	16,552
Mounds View	12.51	16,455
St. Cloud	60.26	16,346
Mankato	33.27	16,126
Hastings	19.27	16,023
Worthington	11.39	15,937
Cottage Grove	31.44	15,849
Albert Lea	18.74	15,761
Monticello	9.04	15,724
Prior Lake	17.58	15,698
Shakopee	24.53	15,669
Sauk Rapids	11.87	15,476
Chanhassen	22.27	15,414
Faribault	22.80	15,148
Little Canada	10.49	15,062

Municipality	2003 Total Needs Mileage	2004 Tentative Money Needs Apportionment Per Need Mile
Sartell	14.28	$18,713
Little Falls	15.98	18,605
New Ulm	15.33	18,373
Mound	8.05	18,369
Forest Lake	22.35	18,350
Red Wing	23.82	18,099
Plymouth	54.72	17,818
Litchfield	8.58	17,282
Waseca	6.42	17,277
Virginia	15.93	17,242
Inver Grove Heights	23.86	17,092
Cottage Grove	31.44	17,079
Hutchinson	16.65	17,074
Fergus Falls	24.32	17,045
Albert Lea	18.74	16,971
Anoka	12.64	16,962
St. Francis	10.37	16,856
Lino Lakes	20.55	16,821
Rochester	66.55	16,731
Apple Valley	35.54	16,726
Mankato	33.27	16,610
Big Lake	6.37	16,468
Eden Prairie	45.40	16,451
East Grand Forks	15.19	16,410
Lake City	6.50	16,379
Brooklyn Center	21.56	16,288
Northfield	12.36	16,192
St. Cloud	60.26	16,003
St. Michael	18.88	15,998
International Falls	8.06	15,975
Minnetonka	49.89	15,957
Burnsville	44.05	15,950
Cloquet	20.14	15,785
Otsego	16.37	15,487
Crystal	17.88	15,465
East Bethel	26.91	15,361
Edina	40.27	15,323
Marshall	15.48	15,257

Municipality	2003 Total Needs Mileage	2004 Tentative Total Apportionment Per Need Mile
Crystal	17.88	$36,009
Waconia	5.53	36,004
St. Joseph	3.47	35,751
West St. Paul	13.54	35,359
Sauk Rapids	11.87	35,230
Austin	27.70	35,148
Little Canada	10.49	35,118
Big Lake	6.37	34,830
Winona	21.77	34,394
Edina	40.27	34,321
Lakeville	51.95	34,078
Robbinsdale	9.51	34,044
Chaska	15.13	33,864
North Mankato	13.38	33,762
La Crescent	5.66	33,554
Oakdale	18.39	33,425
Arden Hills	7.42	33,388
Brooklyn Park	48.08	33,353
Roseville	28.70	33,173
South St. Paul	16.82	33,139
Fairmont	19.49	33,105
Cottage Grove	31.44	32,928
Eagan	46.15	32,880
Mankato	33.27	32,737
Albert Lea	18.74	32,732
New Ulm	15.33	32,634
Minnetonka	49.89	32,539
White Bear Lake	20.35	32,447
St. Cloud	60.26	32,349
Shoreview	18.57	32,215
Buffalo	14.17	32,200
Waite Park	6.12	32,183
Glencoe	6.98	32,113
Duluth	112.18	32,082
Thief River Falls	15.06	32,027
Blaine	40.52	31,363
St. Paul Park	4.92	31,085
Sartell	14.28	31,052

Municipality	2003 Total Needs Mileage	2004 Tentative Population Apportionment Per Need Mile
Savage	24.92	$14,985
Mahtomedi	8.62	14,981
New Prague	5.40	14,938
Shorewood	8.24	14,813
North Mankato	13.38	14,673
Lakeville	51.95	14,328
La Crescent	5.66	14,283
New Ulm	15.33	14,261
Golden Valley	23.57	14,080
Lino Lakes	20.55	14,041
Austin	27.70	13,742
Brainerd	16.12	13,614
International Falls	8.06	13,382
Marshall	15.48	13,275
Mendota Heights	14.39	12,964
Buffalo	14.17	12,963
Hutchinson	16.65	12,946
Glencoe	6.98	12,785
Lake City	6.50	12,749
Andover	36.72	12,554
Litchfield	8.58	12,451
Willmar	23.91	12,451
Duluth	112.18	12,375
Sartell	14.28	12,340
Bemidji	16.25	12,280
St. Peter	14.24	11,270
Crookston	11.71	11,250
Redwood Falls	7.87	11,155
Grand Rapids	11.47	11,065
Red Wing	23.82	10,984
Forest Lake	22.35	10,860
Montevideo	8.25	10,682
Lake Elmo	11.42	10,403
Ramsey	29.32	10,328
Morris	8.11	10,325
Chisholm	7.99	10,064
Rosemount	25.93	9,992
Alexandria	15.90	9,968

Municipality	2003 Total Needs Mileage	2004 Tentative Money Needs Apportionment Per Need Mile
Hermantown	14.08	$15,209
Coon Rapids	41.82	15,030
Hibbing	51.31	15,004
Ham Lake	26.51	14,950
Golden Valley	23.57	14,640
Waite Park	6.12	14,603
Elk River	30.42	14,458
St. Paul Park	4.92	14,430
Alexandria	15.90	14,421
Winona	21.77	14,397
Chisholm	7.99	14,338
Cambridge	11.07	14,205
Monticello	9.04	14,178
Roseville	28.70	14,065
Waconia	5.53	13,903
Oak Grove	19.50	13,841
Mounds View	12.51	13,722
South St. Paul	16.82	13,718
Chaska	15.13	13,710
Morris	8.11	13,490
Savage	24.92	13,419
North St. Paul	11.40	13,333
Stillwater	15.45	13,314
Falcon Heights	2.54	13,296
Worthington	11.39	13,291
Rosemount	25.93	13,250
Vadnais Heights	8.32	13,146
Andover	36.72	13,120
White Bear Lake	20.35	12,789
Dayton	9.28	12,770
New Brighton	14.92	12,675
Detroit Lakes	13.33	12,628
Shakopee	24.53	12,605
Willmar	23.91	12,526
St. Joseph	3.47	12,467
Arden Hills	7.42	12,451
Blaine	40.52	12,313
North Branch	22.53	12,158

Municipality	2003 Total Needs Mileage	2004 Tentative Total Apportionment Per Need Mile
Lino Lakes	20.55	$30,862
Redwood Falls	7.87	30,526
North St. Paul	11.40	30,204
Mounds View	12.51	30,177
Grand Rapids	11.47	30,089
Stillwater	15.45	30,082
Hutchinson	16.65	30,019
St. Peter	14.24	30,011
Monticello	9.04	29,902
Litchfield	8.58	29,733
International Falls	8.06	29,357
Orono	12.58	29,233
Worthington	11.39	29,227
Forest Lake	22.35	29,211
Lake City	6.50	29,128
Red Wing	23.82	29,083
Golden Valley	23.57	28,720
Marshall	15.48	28,532
Savage	24.92	28,403
Shakopee	24.53	28,274
Hastings	19.27	27,737
Spring Lake Park	5.82	27,601
Prior Lake	17.58	27,589
Fridley	24.81	27,427
Champlin	17.01	26,929
Little Falls	15.98	26,611
Virginia	15.93	26,486
Mahtomedi	8.62	26,190
Fergus Falls	24.32	26,106
Andover	36.72	25,674
St. Francis	10.37	25,665
St. Michael	18.88	25,535
Willmar	23.91	24,977
Cloquet	20.14	24,870
Hermantown	14.08	24,550
East Grand Forks	15.19	24,424
Chisholm	7.99	24,402
Alexandria	15.90	24,389

Municipality	2003 Total Needs Mileage	2004 Tentative Population Apportionment Per Need Mile
Orono	12.58	$9,748
Elk River	30.42	9,559
St. Michael	18.88	9,538
Hermantown	14.08	9,341
Virginia	15.93	9,244
Detroit Lakes	13.33	9,117
Cloquet	20.14	9,085
Fergus Falls	24.32	9,061
Thief River Falls	15.06	9,020
Fairmont	19.49	8,985
St. Francis	10.37	8,809
Dayton	9.28	8,665
Rogers	9.30	8,664
Cambridge	11.07	8,493
Ham Lake	26.51	8,223
Otsego	16.37	8,066
East Grand Forks	15.19	8,013
Little Falls	15.98	8,006
Baxter	12.77	7,712
Hugo	16.79	7,567
East Bethel	26.91	6,692
North Branch	22.53	6,409
Corcoran	14.80	6,302
Oak Grove	19.50	5,847
Hibbing	51.31	5,351
Average		**$15,889**

Municipality	2003 Total Needs Mileage	2004 Tentative Money Needs Apportionment Per Need Mile
West St. Paul	13.54	$12,020
Bemidji	16.25	12,011
Prior Lake	17.58	11,891
Baxter	12.77	11,804
Hastings	19.27	11,715
Montevideo	8.25	11,504
Hugo	16.79	11,246
Mahtomedi	8.62	11,209
Mendota Heights	14.39	11,090
Brooklyn Park	48.08	10,407
Eagan	46.15	10,334
Robbinsdale	9.51	10,161
Ramsey	29.32	9,709
Fridley	24.81	9,628
Oakdale	18.39	9,377
Shoreview	18.57	9,284
Corcoran	14.80	8,963
Shorewood	8.24	8,916
Brainerd	16.12	8,778
Spring Lake Park	5.82	8,742
Chanhassen	22.27	8,120
New Prague	5.40	8,010
Rogers	9.30	8,010
Lake Elmo	11.42	7,830
Champlin	17.01	5,543
		$15,657

Municipality	2003 Total Needs Mileage	2004 Tentative Total Apportionment Per Need Mile
Bemidji	16.25	$24,291
Mendota Heights	14.39	24,054
Elk River	30.42	24,018
Morris	8.11	23,815
Shorewood	8.24	23,730
Otsego	16.37	23,553
Chanhassen	22.27	23,534
Rosemount	25.93	23,241
Ham Lake	26.51	23,173
New Prague	5.40	22,948
Cambridge	11.07	22,698
Brainerd	16.12	22,392
Montevideo	8.25	22,186
East Bethel	26.91	22,054
Detroit Lakes	13.33	21,745
Dayton	9.28	21,435
Hibbing	51.31	20,354
Ramsey	29.32	20,037
Oak Grove	19.50	19,688
Baxter	12.77	19,517
Hugo	16.79	18,813
North Branch	22.53	18,566
Lake Elmo	11.42	18,233
Rogers	9.30	16,673
Corcoran	14.80	15,266
		$31,546

NOTES and COMMENTS

OTHER

TOPICS

NOTES and COMMENTS

September 19, 2003

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 construction account balance from December 31 of the year preceding certification plus 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 allotment is used because the city has already received its maintenance allotment. This is done for each year that there is less money in the city's unencumbered construction fund account than was generated by its population apportionment.
>
> Population Apportionment / Total Apportionment * Construction Allocation = Local Amount Available.

This formula is used in each preceding year until the balance remaining in the construction account is less than the construction allocation. Then the balance remaining replaces the construction allocation in the above formula.

CERTIFIED COMPLETE MSAS SYSTEM

Thru 8/31/03

September 23, 2003 OCTOBER 2003 BOOK/CERTIFIED COMPLETE.XLS

YEAR	CITY	YEAR CERTIFIED	YEAR RECERTIFIED	BEGINNING LOCAL AMOUNT AVAILABLE	POPULATION PORTION OF ANNUAL ALLOCATION*	GENERAL FUND ADVANCE	TOTAL LOCAL AMOUNT AVAILABLE	LOCAL AMOUNT RELEASED
1998								
	Fridley	1998		$778,401				$393,027
1999								
	Fridley	1998		$385,374				
	Columbia Heights	1999		$1,023,216				
2000								
	Fridley	1998	2000	$608,479				$608,479
	Columbia Heights	1999		1,256,475				190,000
	Falcon Heights	2000		318,325				
2001								
	Fridley	2000		$0	$337,065		**$337,065**	
	Columbia Heights	1999	2001	1,066,475	238,590		**1,305,065**	$189,000
	Falcon Heights	2000		318,325	58,983		**377,308**	350,947
	South St. Paul	2001					**1,287,810**	
2002								
	Fridley	2000	2002	$337,065	$340,544		**$677,609**	$335,000
	Columbia Heights	2001		1,052,535	246,179		**1,298,714**	9,000
	Falcon Heights	2000	2002	26,361	64,191		**90,552**	43,065
	South St. Paul	2001		1,287,810	268,073		**1,555,883**	1,555,883
2003								
	Fridley	2002		$342,609	$314,500		**$657,109**	$330,000
	Columbia Heights	2001		1,289,714	196,990	$422,713	**1,486,704**	
	Falcon Heights	2002		47,487	59,323		**106,810**	43,065
	South St. Paul	2001		0	247,476		**247,476**	
2004								
	Fridley	2002						
	Columbia Heights	2001	2003	0				
	Falcon Heights	2002						
	South St. Paul	2001	2003					

* The **POPULATION PORTION OF ANNUAL ALLOCATION** column does not include the maintenance allocation.

GENERAL FUND ADVANCE ACCOUNT STATUS

As of September 16, the cities had $31,048,045 available to advance. The best way to see how much a city has available to advance is to go to our State Aid homepage and look at the Status Report for your city. A sample Status Report is shown below. To get to the Status Report:

1) Logon to the State Aid web page   www.dot.state.mn.us/stateaid/
2) Click on ‘Applications’ on the yellow bar at the left side of the screen. You may need to enter your password.
3) Arrow down past the yellow box to the smaller box that says ‘Click here SAAS Web Reporting (State Aid Accounting System)
4) Click on ‘Status’
5) Then input your city information and click on ‘View Report’

Report ID: Status
Run Date: 09/17/2003

Page 1 of 1

State of Minnesota
Department of Transportation
Status Report
Municipality: 114-COON RAPIDS
as of 09/16/2003

Municipality: 114-COON RAPIDS

Account: 90 - MUNI CONST

Beg Yr Bal	Allocation	Total	Deposits	Transfers	Disb	Unexp Bal	Enc	B/L Rsrv	Bal Avail	Outstanding Overpymts	Gen Fund Bal to Adv	Acct to Acct Advances
(1,319,033.61)	1,590,967.00	271,933.39	0.00	0.00	707,798.50	(435,865.11)	8,069.20	0.00	(443,934.31)	0.00	256,065.69	0.00
									(443,934.31)			

Account: 94 - MUNI MAINT

Beg Yr Bal	Allocation	Total	Deposits	Transfers	Disb	Unexp Bal	Enc	B/L Rsrv	Bal Avail	Outstanding Overpymts	Gen Fund Bal to Adv	Acct to Acct Advances
0.00	60,255.00	60,255.00	0.00	0.00	60,255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
									0.00			

Total Municipality: 114-COON RAPIDS

(1,319,033.61)	1,651,222.00	332,188.39	0.00	0.00	768,053.50	(435,865.11)	8,069.20	0.00	(443,934.31)	0.00	256,065.69	0.00

MSAS GENERAL FUND ADVANCES

Revised June 1999 November 2000 November 2002 June 2003

Guidelines

The October 2002 Screening Board discussed the possibility of revising the limits that a smaller city may advance, revising the payback period for larger cities, and allowing General Fund Advances on Federal projects. It was explained that any changes were ultimately an administrative decision by the State Aid Engineer with any input and discussion by the Screening Board being taken into consideration. The Screening Board recommended that the limits a smaller city can advance be raised to $1,000,000, allowing all cities up to 3 years to pay back the advance, and to allow advances on Federal projects.
After discussing it with State Aid Finance, the following revisions will go into effect for advances from the 2003 allocation:

Cities with a construction allotment of $1,000,000 or less can now advance up to three times its previous years construction allotment or $1,000,000, whichever is less when advancing for Municipal State Aid projects. (Fig. I 5-892.563 in the State Aid manual)

Cities with a construction allotment of more than $1,000,000 can now advance up to its previous years construction allotment up to a maximum of $3,000,000 when advancing for Municipal State Aid projects. (Fig. I 5-892.563 in the State Aid manual)

Cities may advance for Federal Projects that are programmed by the ATP in the STIP **and are eligible for State Aid financing.** The city will agree to authorize repayments from their state aid account or from local funds under a mutually acceptable repayment schedule should said project fail to receive Federal funds for any reason. (Fig. J 5-892.563 in the State Aid manual)

Clarification of Guidelines

The maximum Municipal State Aid construction dollars that can be advanced in any one year shall be the difference between the Municipal State Aid construction fund balance at the end of the preceding calendar year, current year projected disbursements, and $20 million. SALT may decrease the amount of the required reserve as the year progresses.

A City Council Resolution is required to advance funds for an MSAS project. A sample resolution can be found in the State Aid manual (Fig. I 5-892.563). The City Council Resolution can be passed at any time, but must be submitted with, or prior to, any payment requests. It need not be project specific, but must include the maximum amount of advance the City Council is authorizing for financing approved Municipal State Aid Street projects in that. The resolution should be mailed directly to State Aid Finance. The resolution does not reserve the funds. The funds are paid on a first come first served basis established by payment requests. As payment requests are submitted by the city, the amount required to process the payment (up to the resolution/allowable amount) will be added to the city's account. The payment request is verified by the form 'Report of State Aid Contract'.

To "reserve" the funds, the City Engineer may submit a "Request to Reserve Advanced Funding" form (Fig. G 5-892.563) up to 8 weeks prior to anticipating or incurring an obligation where advanced funding is required. This form "reserves" the funds in the city's account. Once the request has been approved by State Aid and the funds added to the city's account, a copy of the approved request will be returned to the City Engineer. The "Request to Reserve Advanced Funding" form should be mailed to Sandra Martinez in State Aid Finance. This form is not required, but will allow the funds to be set aside up to eight weeks in advance of the payment request.

A City Council Resolution and an Advance Construction Agreement are required to advance funds for a Federal Aid project. A sample resolution can be found in the State Aid manual (Fig. J 5-892.563). The actual Agreement that must be processed will be written by Lynnette Roshell. Contact her directly at (651) 282-6479 to get the agreement started. This resolution must be project specific and must include the maximum amount of advance the City Council is authorizing. The resolution and signed Agreement should be mailed directly to Lynnette.

General Fund Advance repayments may be relaxed to accommodate the payment on the principal of State Aid bonds.

If the General Fund runs out of funds to advance, a city has to submit a new city council resolution if more funds don't come available until the following year.

Advances will always be processed on a 'first come first served' basis.

All cities will have the option of up to 3 years to payback the State Aid advance.

Advances will be allowed for Federal Projects that are programmed by the ATP in the STIP **and eligible for State Aid financing**.

\N:MSAS\Word Documents\Instructions\GENERAL FUND ADVANCES.doc

PAST HISTORY OF ADMINISTRATIVE ACCOUNT

1 1/2 % of the total funds available are set aside for the administration of State Aid. The account is used for expenses of Screening Board meetings, Variances meetings, printing of State Aid material etc.

N:\MSAS\EXCEL\OCTOBER 2003 BOOK\PAST HISTORY OF ADMINISTRATIVE ACCOUNT 2003.XLS

Year	Allotment	Balance	Spent
1958	$113,220	$48,310	$64,910
1959	125,999	55,370	70,629
1960	129,466	58,933	70,533
1961	140,825	75,036	65,789
1962	137,980	70,875	67,105
1963	144,585	75,094	69,491
1964	168,526	102,385	66,141
1965	173,875	96,136	77,739
1966	178,253	85,079	93,174
1967	190,524	122,185	68,339
1968	219,458	117,878	101,580
1969	231,452	134,416	97,036
1970	252,736	147,968	104,768
1971	279,357	165,927	113,430
1972	280,143	167,410	112,733
1973	284,923	160,533	124,390
1974	333,944	130,460	203,484
1975	349,512	158,851	190,661
1976	347,940	264,874	83,066
1977	424,767	160,365	264,402
1978	426,786	139,580	287,206
1979	473,075	257,782	215,293
1980	521,544	171,544	350,000
1981	544,123	222,062	322,061
1982	646,373	251,781	394,592
1983	710,025	297,847	412,178
1984	745,773	322,730	423,043
1985	874,173	421,719	452,454
1986	903,824	427,562	476,262
1987	806,340	331,589	474,751
1988	895,092	387,171	507,921
1989	1,111,120	582,918	528,202
1990	1,248,109	218,586	1,029,523
1991	1,216,604	502,044	714,560
1992	1,239,228	493,170	746,058
1993	1,274,377	466,634	807,743
1994	1,231,781	417,972	813,809
1995	1,251,307	153,996	1,097,311
1996	1,394,929	225,105	1,169,824
1997	1,386,626	111,442	1,275,184
1998	1,442,625	161,000	1,281,625
1999	1,511,148	0	1,511,148
2000	1,583,411	1,230,268	353,143
2001	1,667,638	59,228	1,608,410
2002	1,751,908	218,367	1,533,541
2003	1,663,000		

The unexpended balance of the administration account at the end of the year is transferred back to the state aid fund from which it was obtained for distribution.

RESEARCH ACCOUNT MOTION

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 the 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 $544,962 (not to exceed 1/2 of 1% of the 2003 M.S.A.S. Apportionment sum of $108,992,464) shall be set aside from the 2004 Apportionment fund and be credited to the research account.

MOTION BY:
SECONDED BY:

N:\MSAS\EXCEL\OCTOBER 2003 BOOK\RESEARCH ACCOUNT MOTION 2003.XLS

PAST HISTORY OF RESEARCH ACCOUNT

	Allotment	Balance	Spent
1958	$0	$0	$0
1959	0	0	0
1960	20,271	10,911	9,360
1961	20,926	18,468	2,458
1962	22,965	21,661	1,304
1963	22,594	18,535	4,059
1964	23,627	24,513	0
1965	27,418	15,763	11,655
1966	28,426	17,782	10,644
1967	29,155	31,944	0
1968	31,057	28,433	2,624
1969	35,719	34,241	1,478
1970	37,803	35,652	2,151
1971	41,225	37,914	3,311
1972	45,227	44,468	759
1973	45,846	36,861	8,985
1974	46,622	19,268	27,354
1975	54,321	35,755	18,566
1976	57,103	33,901	23,202
1977	56,983	33,674	23,309
1978	68,990	70,787	0
1979	69,665	0	69,665
1980	77,116	36,352	40,764
1981	85,031	33,940	51,091
1982	88,920	47,990	40,930
1983	105,082	37,656	67,426
1984	115,766	57,879	57,887
1985	121,838	73,118	48,720
1986	142,188	98,607	43,581
1987	147,745	82,479	65,266
1988	132,754	72,201	60,553
1989	145,953	42,379	103,574
1990	191,254	40,960	150,294
1991	203,793	3,445	200,348
1992	202,774	19,247	183,527
1993	207,386	18,150	189,236
1994	403,939	0	403,939
1995	403,415	0	403,415
1996	408,593	0	408,593
1997	453,703	0	453,703
1998	452,040	0	452,040
1999	469,141	0	469,141
2000	487,286	0	487,286
2001	516,013	0	516,013
2002	542,790	0	542,790
2003	582,170		
2004	544,962		

January 3, 2003

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.

CURRENT RESOLUTIONS
OF THE
MUNICIPAL SCREENING BOARD

October, 2003

BE IT RESOLVED:

ADMINISTRATION

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

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 Districts together with one representative from each of the three (3) major 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 a reasonable amount of money for the Research Account to continue municipal street research activity.

That an amount of ***$582,170*** (not to exceed 1/2 of 1% of the ***2003*** MSAS Apportionment sum of ***$108,992,464***) shall be set aside from the ***2004*** Apportionment fund and be credited to the research account.

Soil Type - Oct. 1961

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 Municipal Screening Board action.

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 City Engineer's recommendation with the concurrence of the District State Engineer.

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

That any new city having determined its eligible mileage, but does not have an approved State Aid Street System, will have its money Needs determined at the cost per mile of the lowest other city.

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)

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 date of project letting 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 with local funds, only the Construction Needs necessary to bring the roadway up to State Aid Standards will be permitted in subsequent Needs for 20 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. At the end of the 20 year period, 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, and June 1993)

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*** ~~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.*** ~~Any requests for revisions to the Municipal State Aid Systems received by the District State Aid Engineer after March first will be included in the following year's 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.

Roadway Item Unit Prices (Reviewed Annually)			
Right of Way (Needs Only)			***$93,000*** per Acre
Grading (Excavation)			***$3.80*** per Cu. Yd.
Base:			
	Class 5 Gravel	Spec. #2211	***$7.30*** per Ton
	Bituminous	Spec. #2350	***$31.00 per Ton***
Surface:			
	Gravel	Spec. #2118	***$5.35*** per Ton
	Bituminous	Spec. #2350	***$31.00*** per Ton
Shoulders:			
	Gravel	Spec. #2221	***$13.40*** per Ton
Miscellaneous:			
	Storm Sewer Construction		***$257,375*** per Mile
	Storm Sewer Adjustment		***$82,700*** per Mile
	Special Drainage (rural segments only)		$37,400 per Mile

	Street Lighting		***$80,000*** per Mile
	Curb & Gutter Construction		***$8.00*** per Lineal Foot
	Sidewalk Construction		***$23.50*** per Sq. Yd.
	Project Development		20%
Removal Items:			
	Curb & Gutter		***$2.60*** per Lineal Foot
	Sidewalk		***$5.50*** per Sq. Yd.
	Concrete Pavement		***$5.40*** per Sq. Yd.
	Tree Removal		***$225.00*** per Unit

Traffic Signal Needs Based On Projected Traffic (every segment)			
Projected Traffic	Percentage X	Unit Price =	Needs Per Mile
0 - 4,999	25%	***$124,000***	***$31,000*** per Mile
5,000 - 9,999	50%	***$124,000***	***$62,000*** per Mile
10,000 and Over	100%	***$124,000***	***$124,000*** per Mile

<u>Bridge Width & Costs</u> - (Reviewed Annually)

That after conferring with the Bridge Section of Mn/DOT and using the criteria as set forth by this Department as to the standard design for railroad structures, that the following costs based on number of tracks be used for the Needs Study:

Bridge Unit Costs	
Bridges 0 to 149 Feet long	***$70.00*** per Sq. Ft.
Bridges 150 to 499 Feet long	***$70.00*** per Sq. Ft.
Bridges 500 Feet and Over	***$70.00*** per Sq. Ft.

Railroad Over Highway	
One Track	***$9,300*** per Linear Foot
Each Additional Track	***$7,750*** per Linear Foot

<u>"Non-existing" bridge costs</u> - 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 total amount of the structure cost, project development cost and construction engineering that is eligible for State Aid reimbursement for a 15-

year period excluding all Federal or State grants. Project Development costs, at the current percentage, shall be included with all Non Existing Bridge Needs.

RAILROAD CROSSINGS

Railroad Crossing Costs - (Reviewed Annually)

That for the study of Needs on the Municipal State Aid Street System, the following costs shall be used in computing the Needs of the proposed Railroad Protection Devices:

Railroad Grade Crossings	
Signals - (Single track - low speed)	$120,000 per Unit
Signals and Gates (Multiple Track – high speed)	$160,000 per Unit
Signs Only & (low speed)	$1,000 per Unit
Concrete Crossing Material Railroad Crossings (Per Track)	$1,000 per Linear Foot
Pavement Marking	$750 per Unit

Maintenance Needs Costs - June 1992 (Revised 1993)

That for the study of Needs on the Municipal State Aid Street System, the following costs shall be used in determining the Maintenance Apportionment Needs cost for existing segments only.

Maintenance Needs Costs	**Cost For Under 1000 Vehicles Per Day**	**Cost For Over 1000 Vehicles Per Day**
Traffic Lanes Segment length times number of Traffic lanes times cost per mile	***$1,500*** per Mile	***$2,500*** per Mile
Parking Lanes: Segment length times number of parking lanes times cost per mile	***$1,500*** per Mile	***$1,500*** per Mile
Median Strip: Segment length times cost per mile	***$500*** per Mile	***$980*** per Mile
Storm Sewer: Segment length times cost per mile	***$500*** per Mile	***$500*** per Mile
Traffic Signals: Number of traffic signals times cost per signal	***$500*** per Unit	***$500*** per Unit
Minimum allowance per mile is determined by segment length times cost per mile.	***$5,000*** per Mile	***$5,000*** per Mile

NEEDS ADJUSTMENTS

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

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, which covers the amortization (payment) period, and which annually reflects the net unamortized bonded debt (remaining principal payments due) shall be accomplished by adding said net unamortized (principal) amount to the computed Construction needs of the municipality.

That for the purpose of this adjustment, the net unamortized bonded debt (remaining principal) shall be the total unamortized bonded indebtedness (deducted from the amount of projects applied against the bond) less the unexpended bond amount (less the amount of projects not encumbered) as of December 31st of the preceding year. The charges for selling the bond issue shall be deducted from the amount that projects are applied against.

"Bond account money spent off State Aid System would not be eligible for Bond Account Adjustment. This action would not be retroactive, but would be in effect for the remaining term of the Bond issue."

Effective January 1, 1996
The Construction Needs shall be annually reduced by 10% of the total bond issue amount. The computation of Needs shall be started in the year that bond principal payments are made to the city.

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

That for the determination of Apportionment Needs, the amount of the unencumbered construction fund balance as of December 31st of the current year shall be deducted from the 25-year total Needs of each individual municipality.

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

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 $1,000,000, 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 $1,000,000, 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.

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.

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.

Traffic Manual - Oct. 1962

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.

NOTES and COMMENTS